

Supplementary Data

for

Quantitative Changes in the Mitochondrial Proteome from Subjects with Mild Cognitive

Impairment, Early Stage and Late Stage Alzheimer's disease

Table 1 - 112 unique, non-redundant proteins identified and quantified in at least two of the three analytical replicates for all three disease stages.

Table 2 - MCI mitochondrial samples, Protein Summary

Table 3 - MCI mitochondrial samples, Experiment 1

Table 4 - MCI mitochondrial samples, Experiment 2

Table 5 - MCI mitochondrial samples, Experiment 3

Table 6 - EAD Mitochondrial Study, Protein Summary

Table 7 - EAD Mitochondrial Study, Experiment 1

Table 8 - EAD Mitochondrial Study, Experiment 2

Table 9 - EAD Mitochondrial Study, Experiment 3

Table 10 - LAD Mitochondrial Study, Protein Summary

Table 11 - LAD Mitochondrial Study, Experiment 1

Table 12 - LAD Mitochondrial Study, Experiment 2

Table 13 - LAD Mitochondrial Study, Experiment 3

Supplemental Table 1. 112 unique, non-redundant proteins identified and quantified in at least two of the three analytical replicates for all three disease stages.

Description	Data	MCI	EAD	LAD
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	Mean	1.43	1.70	1.31
	SEM	0.07	0.09	0.09
	Count	3.00	3.00	3.00
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	Mean	1.24	1.61	1.19
	SEM	0.05	0.17	0.18
	Count	3.00	2.00	3.00
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) [MASS=17417]	Mean	1.64	1.50	1.35
	SEM	0.41	0.11	0.10
	Count	2.00	2.00	3.00
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	Mean	1.22	1.79	1.35
	SEM	0.10	0.05	0.13
	Count	3.00	3.00	3.00
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	Mean	0.65	0.70	1.01
	SEM	0.02	0.03	0.02
	Count	3.00	2.00	2.00
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	Mean	2.11	1.54	1.17
	SEM	0.36	0.15	0.06
	Count	3.00	3.00	3.00
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	Mean	0.56	0.74	1.09
	SEM	0.05	0.06	0.10
	Count	2.00	2.00	3.00
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	Mean	1.40	1.64	1.28

	SEM	0.14	0.01	0.27
	Count	3.00	2.00	2.00
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na ⁺ /K ⁺ ATPase 1) [MASS=112895]	Mean	0.44	0.67	0.96
	SEM	0.02	0.13	0.05
	Count	3.00	2.00	3.00
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na ⁺ /K ⁺ ATPase 3) (Alpha(III)) [MASS=111734]	Mean	0.49	0.55	0.99
	SEM	0.02	0.02	0.04
	Count	3.00	3.00	3.00
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	Mean	0.46	0.53	1.04
	SEM	0.01	0.00	0.11
	Count	3.00	3.00	3.00
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2 ⁺)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla	Mean	0.97	0.98	0.99
	SEM	0.04	0.07	0.02
	Count	3.00	2.00	2.00
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	Mean	1.23	1.88	1.26
	SEM	0.15	0.06	0.08
	Count	3.00	2.00	3.00
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	Mean	1.33	1.95	1.25
	SEM	0.07	0.07	0.13
	Count	3.00	3.00	3.00
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	Mean	2.20	1.56	1.59
	SEM	0.93	0.09	0.05
	Count	3.00	2.00	3.00

C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY	Mean	1.02	1.45	1.68
	SEM	0.06	0.08	0.13
	Count	3.00	3.00	3.00
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20	Mean	0.49	0.59	0.83
	SEM	0.06	0.02	0.06
	Count	3.00	2.00	3.00
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	Mean	0.95	0.94	0.16
	SEM	0.04	0.02	0.01
	Count	2.00	2.00	2.00
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	Mean	1.29	1.67	1.23
	SEM	0.05	0.10	0.02
	Count	3.00	3.00	3.00
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	Mean	1.27	1.41	1.10
	SEM	0.10	0.09	0.13
	Count	3.00	2.00	3.00
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	Mean	1.46	1.69	1.30
	SEM	0.07	0.19	0.05
	Count	3.00	3.00	3.00
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	Mean	1.16	1.61	1.24
	SEM	0.08	0.12	0.04
	Count	3.00	3.00	3.00
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	Mean	0.61	0.55	1.25
	SEM	0.08	0.02	0.13
	Count	3.00	2.00	2.00

CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	Mean	1.07	1.43	1.05
	SEM	0.08	0.15	0.07
	Count	3.00	3.00	3.00
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	Mean	1.01	0.97	0.96
	SEM	0.05	0.03	0.05
	Count	3.00	3.00	3.00
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	Mean	1.44	1.87	1.35
	SEM	0.10	0.41	0.03
	Count	3.00	2.00	3.00
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	Mean	1.02	1.49	1.14
	SEM	0.02	0.23	0.06
	Count	3.00	2.00	3.00
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	Mean	1.86	1.41	1.21
	SEM	0.09	0.21	0.15
	Count	3.00	3.00	2.00
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	Mean	0.52	0.44	0.78
	SEM	0.05	0.04	0.06
	Count	3.00	2.00	2.00
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	Mean	1.18	1.81	1.26
	SEM	0.10	0.18	0.05
	Count	3.00	3.00	3.00
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	Mean	2.40	1.61	1.25
	SEM	0.14	0.09	0.04
	Count	3.00	3.00	3.00
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	Mean	1.33	1.37	1.26

	SEM	0.13	0.11	0.14
	Count	3.00	3.00	3.00
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	Mean	1.68	1.79	1.28
	SEM	0.31	0.07	0.10
	Count	3.00	3.00	3.00
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	Mean	1.36	1.49	1.14
	SEM	0.07	0.18	0.15
	Count	3.00	3.00	3.00
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	Mean	0.56	0.61	0.98
	SEM	0.04	0.02	0.09
	Count	3.00	3.00	3.00
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	Mean	0.70	0.73	1.11
	SEM	0.16	0.12	0.15
	Count	3.00	2.00	2.00
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	Mean	0.44	0.50	0.83
	SEM	0.05	0.05	0.05
	Count	3.00	2.00	3.00
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	Mean	1.37	1.37	1.20
	SEM	0.07	0.06	0.15
	Count	3.00	2.00	3.00
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	Mean	1.31	1.95	1.31
	SEM	0.23	0.14	0.23
	Count	2.00	3.00	2.00
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	Mean	1.11	1.40	1.08
	SEM	0.27	0.56	0.11

	Count	2.00	3.00	2.00
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	Mean	1.36	1.57	1.19
	SEM	0.06	0.22	0.03
	Count	3.00	2.00	3.00
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	Mean	1.91	1.96	1.22
	SEM	0.08	0.18	0.22
	Count	3.00	3.00	3.00
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	Mean	0.70	0.75	0.89
	SEM	0.07	0.05	0.03
	Count	3.00	3.00	3.00
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) (	Mean	1.18	1.27	1.20
	SEM	0.07	0.21	0.03
	Count	3.00	3.00	3.00
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	Mean	0.55	0.58	0.99
	SEM	0.01	0.01	0.01
	Count	3.00	3.00	3.00
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	Mean	0.54	0.58	0.95
	SEM	0.04	0.04	0.14
	Count	3.00	2.00	2.00
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	Mean	0.93	1.25	1.13
	SEM	0.15	0.02	0.11
	Count	3.00	3.00	3.00
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	Mean	1.30	1.61	1.44
	SEM	0.09	0.11	0.08
	Count	3.00	3.00	3.00

GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	Mean	0.68	0.54	1.04
	SEM	0.19	0.05	0.18
	Count	3.00	2.00	2.00
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	Mean	1.31	1.39	1.56
	SEM	0.25	0.11	0.51
	Count	2.00	2.00	2.00
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	Mean	0.51	0.73	0.82
	SEM	0.08	0.25	0.07
	Count	3.00	2.00	2.00
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	Mean	0.55	0.84	1.03
	SEM	0.02	0.01	0.12
	Count	3.00	2.00	3.00
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	Mean	1.24	1.61	1.33
	SEM	0.04	0.11	0.09
	Count	3.00	3.00	3.00
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	Mean	1.27	1.26	1.37
	SEM	0.13	0.18	0.02
	Count	3.00	3.00	3.00
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	Mean	1.40	1.52	0.96
	SEM	0.08	0.01	0.02
	Count	3.00	2.00	2.00
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	Mean	1.22	1.44	1.08
	SEM	0.06	0.07	0.11
	Count	3.00	3.00	3.00

KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	Mean	0.67	0.86	1.15
	SEM	0.02	0.04	0.09
	Count	3.00	2.00	3.00
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	Mean	0.81	0.91	1.15
	SEM	0.05	0.06	0.16
	Count	3.00	3.00	3.00
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	Mean	0.73	0.75	1.36
	SEM	0.01	0.01	0.10
	Count	3.00	3.00	3.00
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	Mean	1.20	1.51	1.27
	SEM	0.01	0.20	0.05
	Count	3.00	3.00	3.00
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	Mean	0.78	0.67	0.95
	SEM	0.19	0.05	0.03
	Count	3.00	3.00	3.00
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	Mean	0.94	1.37	1.30
	SEM	0.11	0.04	0.14
	Count	2.00	2.00	2.00
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	Mean	1.70	1.52	1.06
	SEM	0.50	0.19	0.09
	Count	3.00	2.00	3.00
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	Mean	1.25	1.79	1.35
	SEM	0.08	0.09	0.02
	Count	3.00	3.00	3.00

MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	Mean	1.07	1.71	1.32
	SEM	0.10	0.08	0.08
	Count	3.00	3.00	3.00
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	Mean	1.25	1.41	1.58
	SEM	0.27	0.15	0.18
	Count	2.00	2.00	2.00
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	Mean	1.38	0.89	1.22
	SEM	0.55	0.05	0.30
	Count	2.00	2.00	2.00
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	Mean	1.03	1.43	0.98
	SEM	0.23	0.15	0.06
	Count	2.00	2.00	3.00
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	Mean	1.42	1.49	1.06
	SEM	0.08	0.14	0.10
	Count	3.00	3.00	3.00
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N- CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	Mean	0.41	0.45	1.01
	SEM	0.05	0.02	0.08
	Count	3.00	2.00	3.00
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	Mean	1.80	1.47	1.05
	SEM	0.05	0.16	0.20
	Count	2.00	2.00	3.00
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	Mean	1.37	1.40	1.27
	SEM	0.10	0.15	0.21
	Count	3.00	3.00	3.00

NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	Mean	1.09	1.64	1.25
	SEM	0.08	0.08	0.06
	Count	3.00	2.00	3.00
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	Mean	1.02	1.20	0.98
	SEM	0.10	0.22	0.07
	Count	3.00	2.00	3.00
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	Mean	0.54	0.88	1.09
	SEM	0.09	0.02	0.04
	Count	3.00	2.00	3.00
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	Mean	1.30	1.45	1.25
	SEM	0.08	0.15	0.05
	Count	3.00	3.00	3.00
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	Mean	1.23	1.45	1.33
	SEM	0.27	0.14	0.23
	Count	3.00	3.00	3.00
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	Mean	1.49	2.39	1.19
	SEM	0.22	0.34	0.26
	Count	2.00	2.00	2.00
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	Mean	1.14	1.45	1.25
	SEM	0.17	0.08	0.15
	Count	3.00	3.00	3.00

ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component)	Mean	1.37	1.33	1.04
	SEM	0.19	0.14	0.07
	Count	3.00	3.00	3.00
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	Mean	1.36	1.59	0.88
	SEM	0.25	0.10	0.00
	Count	2.00	3.00	2.00
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	Mean	1.14	1.35	1.21
	SEM	0.09	0.18	0.01
	Count	3.00	3.00	2.00
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	Mean	0.70	0.94	0.99
	SEM	0.05	0.02	0.06
	Count	3.00	2.00	3.00
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	Mean	0.83	0.87	1.19
	SEM	0.14	0.15	0.19
	Count	2.00	2.00	3.00
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	Mean	1.09	0.77	1.04
	SEM	0.38	0.02	0.09
	Count	3.00	2.00	3.00
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	Mean	0.49	0.65	0.99
	SEM	0.22	0.03	0.03
	Count	2.00	3.00	3.00
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	Mean	0.97	1.77	1.22
	SEM	0.10	0.22	0.04
	Count	2.00	2.00	3.00
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta-	Mean	2.36	1.67	1.10

	SEM	0.07	0.36	0.02
	Count	3.00	3.00	3.00
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	Mean	1.28	1.66	1.36
	SEM	0.10	0.20	0.19
	Count	3.00	3.00	3.00
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	Mean	0.71	1.00	0.94
	SEM	0.04	0.06	0.00
	Count	3.00	2.00	2.00
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I	Mean	0.36	0.44	1.01
	SEM	0.05	0.05	0.10
	Count	3.00	3.00	3.00
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	Mean	0.29	0.42	1.16
	SEM	0.04	0.08	0.08
	Count	3.00	2.00	2.00
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	Mean	0.84	1.26	0.97
	SEM	0.34	0.41	0.04
	Count	2.00	2.00	2.00
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	Mean	1.74	1.55	1.30
	SEM	0.28	0.05	0.20
	Count	2.00	2.00	3.00
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	Mean	0.58	0.63	1.08
	SEM	0.04	0.02	0.12
	Count	3.00	3.00	3.00
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	Mean	4.36	1.51	1.17

	SEM	1.24	0.07	0.14
	Count	2.00	2.00	2.00
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	Mean	1.63	2.36	1.08
	SEM	0.23	0.96	0.33
	Count	2.00	2.00	3.00
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	Mean	0.50	0.62	0.94
	SEM	0.04	0.04	0.09
	Count	3.00	3.00	3.00
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	Mean	0.75	0.94	1.07
	SEM	0.04	0.01	0.03
	Count	3.00	3.00	3.00
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	Mean	0.77	0.93	1.10
	SEM	0.07	0.07	0.11
	Count	3.00	3.00	3.00
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	Mean	1.44	1.67	3.31
	SEM	0.14	0.27	1.11
	Count	3.00	3.00	3.00
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	Mean	0.45	0.55	0.88
	SEM	0.03	0.00	0.16
	Count	3.00	2.00	3.00
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	Mean	1.40	1.51	0.90
	SEM	0.12	0.18	0.24
	Count	3.00	2.00	3.00
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	Mean	0.81	1.39	0.97
	SEM	0.12	0.16	0.22
	Count	2.00	3.00	3.00
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	Mean	0.74	0.78	1.55
	SEM	0.15	0.07	0.60

	Count	3.00	2.00	3.00
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	Mean	1.29	1.69	1.09
	SEM	0.14	0.06	0.07
	Count	3.00	2.00	3.00
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	Mean	1.25	1.76	1.13
	SEM	0.12	0.20	0.11
	Count	3.00	3.00	3.00
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	Mean	1.22	1.43	1.07
	SEM	0.06	0.31	0.12
	Count	3.00	3.00	3.00
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	Mean	1.12	1.87	1.43
	SEM	0.07	0.19	0.37
	Count	3.00	3.00	3.00
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	Mean	1.10	1.64	1.31
	SEM	0.04	0.14	0.19
	Count	3.00	3.00	3.00
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	Mean	1.19	1.60	2.38
	SEM	0.07	0.09	1.11
	Count	3.00	2.00	3.00
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	Mean	0.77	1.09	1.13
	SEM	0.03	0.04	0.01
	Count	3.00	2.00	2.00

Table 2. MCI mitochondrial samples
Protein Summary

Description	Experiment1		Experiment2		Experiment3		Count	Mean	SEM
	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio			
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	0.61	0.85	0.80	0.91	1.00	0.91	3	0.89	0.02
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	0.76	1.00	0.90	0.95	1.24	3	0.97	0.14
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	0.75	1.00	0.61	1.00	0.69	3	0.68	0.04
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	1.00	0.91	0.97	0.58	1.00	1.48	3	0.99	0.26
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	1.32	1.00	1.41	1.00	1.57	3	1.43	0.07
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	1.28	1.00	1.29	1.00	1.14	3	1.24	0.05
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	1.00	1.41	0.00	1.13	0.51	1.22	3	1.25	0.08
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	0.57	1.00	0.55	1.00	0.73	3	0.62	0.06
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	1.04	1.00	1.21	1.00	1.40	3	1.22	0.10
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	0.62	1.00	0.63	1.00	0.69	3	0.65	0.02
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	1.74	1.00	2.83	1.00	1.77	3	2.11	0.36

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.99	0.94	1.00	1.10	0.90	0.71	3	0.92	0.11
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.92	1.68	0.98	1.26	1.00	1.25	3	1.40	0.14
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	0.54	1.00	0.72	1.00	0.75	3	0.67	0.07
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na ⁺ /K ⁺ ATPase 1) [MASS=112895]	1.00	0.41	1.00	0.44	1.00	0.47	3	0.44	0.02
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na ⁺ /K ⁺ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	0.50	1.00	0.45	1.00	0.52	3	0.49	0.02
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	0.47	1.00	0.47	1.00	0.43	3	0.46	0.01
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2 ⁺)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	0.89	1.00	1.04	1.00	0.97	3	0.97	0.04
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.99	0.84	0.25	0.57	1.00	0.58	3	0.66	0.09
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	0.66	1.00	0.55	1.00	1.08	3	0.76	0.16
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	0.99	0.55	1.00	0.46	1.00	0.64	3	0.55	0.05
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.89	1.02	1.00	1.15	0.59	1.51	3	1.23	0.15
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	1.19	1.00	1.38	1.00	1.43	3	1.33	0.07

C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	0.99	1.11	1.00	1.44	1.00	4.06	3	2.20	0.93
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	1.03	1.00	1.12	1.00	0.91	3	1.02	0.06
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.99	0.72	0.99	0.67	1.00	0.98	3	0.79	0.10
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	0.54	1.00	0.37	1.00	0.56	3	0.49	0.06
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	1.00	0.48	1.00	0.53	0.98	0.71	3	0.57	0.07
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	1.28	1.00	1.21	1.00	1.39	3	1.29	0.05
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	1.17	1.00	1.17	1.00	1.48	3	1.27	0.10
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.79	1.32	1.00	1.54	1.00	1.51	3	1.46	0.07
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	1.12	1.00	1.05	1.00	1.31	3	1.16	0.08
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	0.51	1.00	0.56	1.00	0.76	3	0.61	0.08
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	1.01	1.00	0.97	1.00	1.24	3	1.07	0.08

CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	0.95	1.00	0.97	1.00	1.12	3	1.01	0.05
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	1.00	0.53	1.00	0.48	0.98	0.42	3	0.48	0.03
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.77	0.85	1.00	0.50	0.00	0.69	3	0.68	0.10
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	0.51	1.00	0.56	1.00	0.75	3	0.61	0.07
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	1.25	0.97	1.56	1.00	1.51	3	1.44	0.10
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	0.99	0.98	1.00	1.06	0.94	1.03	3	1.02	0.02
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	1.70	0.99	1.86	1.00	2.01	3	1.86	0.09
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.98	0.61	0.00	0.75	1.00	0.60	3	0.65	0.05
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	0.48	1.00	0.62	1.00	0.45	3	0.52	0.05
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	1.00	0.54	0.98	0.33	0.00	0.63	3	0.50	0.09
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	1.04	1.00	1.14	1.00	1.37	3	1.18	0.10
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	2.19	1.00	2.66	1.00	2.36	3	2.40	0.14
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	1.08	1.00	1.53	1.00	1.39	3	1.33	0.13
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	1.06	1.00	2.02	1.00	1.95	3	1.68	0.31
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	0.97	1.42	1.00	1.44	1.00	1.22	3	1.36	0.07

DNJA2_HUMAN (O60884) DnaJ homolog subfamily A member 2 (HIRA-interacting protein 4) (Cell cycle progression restoration gene 3 protein) (Dnj3) (NY-REN-14 antigen) [MASS=45745]	0.00	1.61	0.00	1.40	0.93	1.95	3	1.65	0.16
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	0.49	1.00	0.58	1.00	0.62	3	0.56	0.04
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	1.00	0.51	1.00	1.01	0.65	0.59	3	0.70	0.16
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	0.36	1.00	0.43	1.00	0.53	3	0.44	0.05
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	1.51	1.00	1.29	1.00	1.32	3	1.37	0.07
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	1.25	1.00	1.39	1.00	1.45	3	1.36	0.06
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	0.83	0.00	0.47	0.00	0.56	3	0.62	0.11
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.97	2.04	1.00	1.91	0.86	1.77	3	1.91	0.08
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	0.60	1.00	0.83	1.00	0.68	3	0.70	0.07
G6PI_HUMAN (P06744) Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Neuroleukin) (NLK) (Sperm antigen 36) (SA-36) [MASS=63015]	0.95	0.80	1.00	0.87	0.35	0.71	3	0.79	0.05
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	1.03	1.00	1.25	1.00	1.25	3	1.18	0.07

GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	0.56	1.00	0.55	1.00	0.53	3	0.55	0.01
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	1.00	0.58	0.99	0.55	0.00	1.07	3	0.73	0.17
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.56	0.65	0.73	1.42	0.00	1.66	3	1.24	0.30
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	0.99	0.73	0.99	0.73	0.94	0.77	3	0.74	0.01
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	0.61	1.00	0.48	1.00	0.52	3	0.54	0.04
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.00	1.09	0.80	0.57	0.99	1.19	3	0.95	0.19
GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	1.00	0.72	0.98	0.38	0.97	0.77	3	0.62	0.12
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	0.83	1.00	1.23	1.00	0.72	3	0.93	0.15
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	1.36	1.00	1.12	1.00	1.41	3	1.30	0.09
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	0.46	1.00	1.06	1.00	0.52	3	0.68	0.19
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	0.07	1.00	0.85	0.86	1.09	3	0.67	0.31
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	0.36	1.00	0.56	1.00	0.62	3	0.51	0.08
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.30	1.69	0.00	1.50	0.00	1.75	3	1.65	0.08
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	0.00	1.19	0.53	1.92	0.99	0.49	3	1.20	0.41
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	0.52	1.00	0.59	0.94	0.53	3	0.55	0.02

HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	1.40	0.40	1.38	0.00	2.72	3	1.83	0.44
HPLN2_HUMAN (Q9GZV7) Hyaluronan and proteoglycan link protein 2 precursor (Brain link protein 1) [MASS=37775]	0.96	0.49	0.97	0.47	0.27	0.38	3	0.45	0.03
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	1.17	1.00	1.25	1.00	1.31	3	1.24	0.04
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	1.00	0.43	0.72	0.40	1.00	0.53	3	0.45	0.04
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.96	1.00	0.99	1.43	0.44	1.37	3	1.27	0.13
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	1.28	0.96	1.56	0.95	1.37	3	1.40	0.08
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	1.10	1.00	1.23	1.00	1.32	3	1.22	0.06
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	0.40	1.00	0.45	1.00	0.42	3	0.42	0.01
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	0.68	1.00	0.64	1.00	0.70	3	0.67	0.02
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	0.71	1.00	0.89	1.00	0.84	3	0.81	0.05
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	0.72	1.00	0.75	1.00	0.71	3	0.73	0.01
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	1.18	1.00	1.19	1.00	1.22	3	1.20	0.01

KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	0.64	0.99	1.16	0.90	0.55	3	0.78	0.19
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.99	1.42	0.00	2.68	0.00	2.42	3	2.17	0.38
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	0.51	1.00	0.65	1.00	0.57	3	0.58	0.04
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	0.45	1.00	0.67	1.00	0.82	3	0.65	0.11
LRP1_HUMAN (Q07954) Low-density lipoprotein receptor-related protein 1 precursor (LRP) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD91 antigen) [MASS=504573]	0.25	1.99	0.99	0.69	0.00	0.52	3	1.07	0.46
LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.99	0.83	0.97	0.66	0.99	0.59	3	0.69	0.07
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	1.27	1.00	1.14	0.99	2.69	3	1.70	0.50
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.99	0.40	0.86	0.57	0.47	0.48	3	0.48	0.05
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	1.16	1.00	1.19	1.00	1.41	3	1.25	0.08
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	0.95	1.00	1.28	1.00	0.99	3	1.07	0.10
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	1.26	1.00	1.48	1.00	1.51	3	1.42	0.08
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	0.39	1.00	0.33	1.00	0.51	3	0.41	0.05
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	1.05	1.00	1.28	1.00	1.42	3	1.25	0.11

NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	1.56	1.00	1.27	1.00	1.27	3	1.37	0.10
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	1.20	1.00	0.94	1.00	1.12	3	1.09	0.08
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	1.00	0.82	0.99	0.57	1.00	0.61	3	0.67	0.08
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	1.00	1.00	1.08	0.96	1.21	3	1.10	0.06
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	1.68	0.00	1.21	0.00	1.00	3	1.30	0.20
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	0.96	1.00	0.89	1.00	1.21	3	1.02	0.10
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	0.38	1.00	0.46	1.00	0.52	3	0.45	0.04
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	0.61	1.00	0.65	0.97	0.37	3	0.54	0.09
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	1.17	1.00	1.27	1.00	1.45	3	1.30	0.08
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	0.90	1.00	1.03	1.00	1.77	3	1.23	0.27
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	0.95	1.00	1.45	1.00	1.78	3	1.39	0.24

NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.71	1.12	0.45	1.60	0.94	1.26	3	1.33	0.14
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	0.82	1.00	1.22	1.00	1.39	3	1.14	0.17
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin-MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	0.36	0.00	1.12	0.00	0.61	3	0.70	0.22
ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component) [MASS=65781]	0.69	1.55	1.00	1.58	0.62	0.99	3	1.37	0.19
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	1.00	0.99	0.76	0.99	0.00	1.05	3	1.01	0.02
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	0.97	1.00	1.24	1.00	1.22	3	1.14	0.09
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	1.00	0.90	0.99	0.78	0.98	1.48	3	1.05	0.22
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	0.65	1.00	0.80	1.00	0.66	3	0.70	0.05
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	0.65	1.00	0.91	1.00	1.08	3	0.88	0.13
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	0.99	1.08	1.00	1.75	0.99	1.64	3	1.49	0.21
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	0.67	1.00	0.70	0.70	0.72	3	0.70	0.01

RAI14_HUMAN (Q9P0K7) Ankycorbin (Ankyrin repeat and coiled-coil structure-containing protein) (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.42	1.31	0.22	2.06	0.80	1.95	3	1.77	0.23
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.99	0.74	0.92	1.84	0.98	0.68	3	1.09	0.38
RINI_HUMAN (P13489) Ribonuclease inhibitor (Ribonuclease/angiogenin inhibitor 1) (RAI) (Placental ribonuclease inhibitor) (RNase inhibitor) (RI) [MASS=49842]	0.00	0.23	0.00	2.32	0.00	0.75	3	1.10	0.63
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	0.00	0.86	0.98	1.02	1.00	1.19	3	1.02	0.10
RS16_HUMAN (P62249) 40S ribosomal protein S16 [MASS=16314]	0.99	1.07	1.00	1.03	1.00	1.06	3	1.05	0.01
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	2.44	1.00	2.41	1.00	2.22	3	2.36	0.07
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/ threonine transporter) (ASCT1) [MASS=55723]	1.00	0.40	1.00	0.37	1.00	0.42	3	0.40	0.01
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	1.09	1.00	1.33	1.00	1.42	3	1.28	0.10
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	1.00	0.60	1.00	0.63	0.61	0.72	3	0.65	0.04
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	0.67	1.00	0.67	1.00	0.79	3	0.71	0.04
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812]	1.00	0.34	1.00	0.29	1.00	0.45	3	0.36	0.05
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.97	0.26	1.00	0.23	0.00	0.37	3	0.29	0.04

SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	0.00	0.12	0.00	0.17	0.00	0.12	3	0.14	0.02
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	0.88	1.00	0.90	1.00	1.03	3	0.94	0.05
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.88	0.73	0.67	0.73	0.00	0.69	3	0.72	0.01
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	0.65	1.00	0.57	1.00	0.52	3	0.58	0.04
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	0.83	0.96	1.00	1.81	1.00	1.19	3	1.32	0.25
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	0.43	1.00	0.49	1.00	0.57	3	0.50	0.04
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	0.71	1.00	0.72	1.00	0.82	3	0.75	0.04
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	0.64	1.00	0.81	1.00	0.86	3	0.77	0.07
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.00	0.53	0.51	0.79	0.00	0.57	3	0.63	0.08
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	1.18	1.00	1.46	1.00	1.67	3	1.44	0.14
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy 1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.99	0.38	0.99	0.48	0.99	0.48	3	0.45	0.03
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	1.00	1.61	0.39	1.54	0.50	1.13	3	1.43	0.15
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.75	1.15	1.00	1.53	0.00	1.51	3	1.40	0.12
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	0.53	1.00	0.67	1.00	1.02	3	0.74	0.15
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.98	1.46	0.99	0.68	0.99	0.85	3	1.00	0.24

UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	1.19	1.00	1.10	1.00	1.57	3	1.29	0.14
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	1.05	1.00	1.24	1.00	1.45	3	1.25	0.12
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	1.11	0.99	1.31	1.00	1.24	3	1.22	0.06
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	1.00	0.81	0.76	0.48	0.69	0.71	3	0.67	0.10
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	1.00	0.24	0.00	3.07	0.00	4.71	3	2.67	1.31
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	0.68	0.99	0.64	0.99	0.79	3	0.70	0.04
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	1.15	1.00	1.22	1.00	0.99	3	1.12	0.07
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	1.03	1.00	1.18	1.00	1.08	3	1.10	0.04
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	1.00	1.22	1.00	1.30	0.87	1.05	3	1.19	0.07
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.68	0.75	1.00	0.74	0.00	0.82	3	0.77	0.03

VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412])	1.00	0.79	0.94	0.53	1.00	1.06	3	0.79	0.15
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	0.73	0.00	10.47	0.00	3.18	3	4.79	2.93
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.66	0.92	0.00	1.38	1.00	0.69	3	1.00	0.20
1433B_HUMAN (P31946) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein 1) (KCIP-1) (Protein 1054) [MASS=27951]	0.37	1.52	*	*	0.32	0.29	2	0.91	0.62
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	0.96	0.98	1.00	0.79	*	*	2	0.89	0.09
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) [MASS=17417]	0.99	1.23	*	*	1.00	2.04	2	1.64	0.41
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	0.00	1.97	*	*	0.00	1.16	2	1.57	0.41
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	*	*	1.00	1.65	0.00	2.48	2	2.07	0.42
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.87	*	1.00	0.58	1.00	0.04	2	0.31	0.27
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	0.61	1.00	0.51	1.00	*	2	0.56	0.05
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	*	*	0.95	1.18	1.00	0.75	2	0.97	0.22
ANKR6_HUMAN (Q9Y2G4) Ankyrin repeat domain-containing protein 6 [MASS=75722]	0.00	0.22	*	*	0.00	2.09	2	1.16	0.94
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554]	0.00	*	1.00	0.80	1.00	0.40	2	0.60	0.20

AP2B1_HUMAN (P63010) AP-2 complex subunit beta-1 (Adapter-related protein complex 2 beta-1 subunit) (Beta-adaptin) (Plasma membrane adaptor HA2/AP2 adaptin beta subunit) (Clathrin assembly protein complex 2 beta large chain) (AP105B) [MASS=104552]	1.00	0.74	*	*	1.00	0.90	2	0.82	0.08
APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	0.63	0.52	0.77	1.12	*	*	2	0.82	0.30
ARL3_HUMAN (P36405) ADP-ribosylation factor-like protein 3 [MASS=20455]	*	*	0.00	1.07	0.88	1.21	2	1.14	0.07
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na ⁺ /K ⁺ ATPase 2) [MASS=112265]	0.82	0.37	1.00	0.39	0.00	*	2	0.38	0.01
AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	*	*	0.00	1.23	0.94	0.66	2	0.95	0.29
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	1.30	1.00	1.47	0.99	*	2	1.39	0.09
BAP29_HUMAN (Q9UHQ4) B-cell receptor-associated protein 29 (BCR-associated protein Bap29) [MASS=28320]	*	*	0.75	1.08	0.00	1.23	2	1.16	0.07
BKLH5_HUMAN (Q96NJ5) BTB and kelch domain-containing protein 5 [MASS=70352]	*	*	0.00	1.32	0.00	1.12	2	1.22	0.10
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	0.00	0.89	0.00	0.55	*	*	2	0.72	0.17
C163B_HUMAN (Q9NR16) Scavenger receptor cysteine-rich type 1 protein M160 precursor (CD163 antigen-like 1) (CD163b antigen) [MASS=159263]	0.20	1.26	*	*	0.00	8.78	2	5.02	3.76
CAC1E_HUMAN (Q15878) Voltage-dependent R-type calcium channel subunit alpha-1E (Voltage-gated calcium channel subunit alpha Cav2.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 6) (Brain calcium channel II) (BII) [MASS=261728]	*	*	0.00	1.24	0.00	0.49	2	0.87	0.38
CAN9_HUMAN (O14815) Calpain-9 (EC 3.4.22.-) (Digestive tract-specific calpain) (nCL-4) (CG36 protein) [MASS=79096]	*	*	0.00	2.07	0.00	1.19	2	1.63	0.44
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	0.99	*	*	0.99	0.90	2	0.95	0.04
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	0.46	0.00	0.24	*	*	2	0.35	0.11

CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	0.00	1.49	1.00	1.34	*	*	2	1.42	0.08
CHSTE_HUMAN (Q8NCH0) Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D4ST-1) (hD4ST) [MASS=42997]	*	*	0.00	34.22	0.00	1.64	2	17.93	16.29
CORO7_HUMAN (P57737) Coronin-7 (70 kDa WD repeat tumor rejection antigen homolog) [MASS=100574]	0.26	0.54	*	*	0.26	1.09	2	0.82	0.28
CPLX2_HUMAN (Q6PUV4) Complexin-2 (Complexin II) (CPX II) (Synaphin-1) [MASS=15394]	0.99	0.43	0.95	0.63	*	*	2	0.53	0.10
CSR2B_HUMAN (Q9H8E8) Cysteine-rich protein 2-binding protein (CSRP2-binding protein) (CRP2BP) (CRP2-binding partner) [MASS=88801]	0.27	2.28	*	*	0.00	0.38	2	1.33	0.95
CUGB1_HUMAN (Q92879) CUG triplet repeat RNA-binding protein 1 (CUG-BP1) (RNA-binding protein BRUNOL-2) (Deadenylation factor CUG-BP) (50 kDa Nuclear polyadenylated RNA-binding protein) (EDEN-BP) [MASS=52063]	*	*	0.21	0.71	0.00	0.55	2	0.63	0.08
CUTA_HUMAN (O60888) Protein CutA precursor (Brain acetylcholinesterase putative membrane anchor) (Acetylcholinesterase-associated protein) [MASS=19116]	0.00	3.97	0.00	4.26	*	*	2	4.12	0.14
DHDDS_HUMAN (Q86SQ9) Dehydrololichyl diphosphate synthase (EC 2.5.1.-) (Dedol-PP synthase) [MASS=38689]	*	*	0.00	0.81	0.00	0.44	2	0.63	0.19
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.96	0.57	*	*	0.56	0.25	2	0.41	0.16
DHX9_HUMAN (Q08211) ATP-dependent RNA helicase A (EC 3.6.1.-) (Nuclear DNA helicase II) (NDH II) (DEAH box protein 9) [MASS=140880]	*	*	0.66	0.74	0.00	0.93	2	0.84	0.10
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	*	0.00	0.40	0.00	2.00	2	1.20	0.80
DOCK4_HUMAN (Q8N1I0) Dedicator of cytokinesis protein 4 [MASS=225147]	0.00	0.63	0.00	1.70	*	*	2	1.17	0.54
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	0.00	0.92	0.96	0.53	*	*	2	0.73	0.20
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	0.60	*	*	1.00	0.79	2	0.70	0.09

DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	0.00	1.19	0.33	0.53	*	*	2	0.86	0.33
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	1.54	0.99	1.07	*	*	2	1.31	0.23
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.00	0.84	1.00	1.38	0.00	*	2	1.11	0.27
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	0.67	*	*	1.00	0.58	2	0.63	0.05
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	0.00	57.14	*	*	0.00	53.44	2	55.29	1.85
ENPP1_HUMAN (P22413) Ectonucleotide pyrophosphatase/phosphodiesterase 1 (E-NPP 1) (Phosphodiesterase I/nucleotide pyrophosphatase 1) (Plasma-cell membrane glycoprotein PC-1) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyrophosphatase [MASS=104924]	*	*	0.00	1.06	0.00	0.10	2	0.58	0.48
FACD2_HUMAN (Q9BXW9) Fanconi anemia group D2 protein (Protein FACD2) [MASS=166461]	0.00	0.78	*	*	0.00	1.31	2	1.05	0.27
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	1.42	*	*	0.00	1.91	2	1.67	0.25
FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	*	*	0.00	0.96	0.00	0.83	2	0.90	0.07
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	*	*	0.71	0.93	0.74	1.21	2	1.07	0.14
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	*	*	0.00	0.60	0.00	0.56	2	0.58	0.02
FSCN1_HUMAN (Q16658) Fascin (Singed-like protein) (55 kDa actin-bundling protein) (p55) [MASS=54398]	1.00	0.81	*	*	0.41	0.93	2	0.87	0.06
GDS1_HUMAN (P52306) Rap1 GTPase-GDP dissociation stimulator 1 (SMG P21 stimulatory GDP/GTP exchange protein) (SMG GDS protein) (Exchange factor smgGDS) [MASS=66403]	0.71	0.56	0.99	0.78	*	*	2	0.67	0.11

GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	0.68	0.00	*	1.00	1.00	2	0.84	0.16
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	0.86	0.59	1.00	0.76	*	*	2	0.68	0.08
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	0.98	1.55	*	*	0.99	1.06	2	1.31	0.24
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.98	0.49	0.23	0.51	*	*	2	0.50	0.01
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	0.00	0.90	0.23	1.07	*	*	2	0.99	0.08
GTR8_HUMAN (Q9NY64) Solute carrier family 2, facilitated glucose transporter member 8 (Glucose transporter type 8) (Glucose transporter type X1) [MASS=50793]	*	*	0.00	0.07	0.00	0.36	2	0.22	0.15
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	*	*	0.00	1.40	0.00	1.24	2	1.32	0.08
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	*	*	0.00	5.58	0.00	1.01	2	3.30	2.29
HECD1_HUMAN (Q9ULT8) E3 ubiquitin-protein ligase HECTD1 (HECT domain-containing protein 1) (E3 ligase for inhibin receptor) (EULIR) [MASS=289593]	0.00	1.23	0.00	2.09	*	*	2	1.66	0.43
HINT1_HUMAN (P49773) Histidine triad nucleotide-binding protein 1 (Adenosine 5'-monophosphoramidase) (Protein kinase C inhibitor 1) (Protein kinase C-interacting protein 1) (PKCI-1) [MASS=13671]	0.00	1.41	*	*	0.89	1.77	2	1.59	0.18
HSF2B_HUMAN (O75031) Heat shock factor 2-binding protein [MASS=37644]	0.00	1.46	*	*	0.00	0.91	2	1.19	0.28
IF140_HUMAN (Q96RY7) Intraflagellar transport 140 homolog (WD and tetratricopeptide repeats protein 2) [MASS=165192]	0.00	1.40	0.00	0.63	*	*	2	1.02	0.39
IGS21_HUMAN (Q96ID5) Immunoglobulin superfamily member 21 precursor [MASS=51835]	0.52	0.73	0.99	0.36	*	*	2	0.55	0.19

IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.84	0.64	0.99	0.39	*	*	2	0.52	0.13
IMB3_HUMAN (O00410) Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) [MASS=123498]	0.00	1.74	*	*	0.00	0.98	2	1.36	0.38
IQEC2_HUMAN (Q5JU85) IQ motif and Sec7 domain-containing protein 2 [MASS=161735]	*	*	0.00	2.18	0.00	1.07	2	1.63	0.56
JHD1A_HUMAN (Q9Y2K7) JmjC domain-containing histone demethylation protein 1A (EC 1.14.11.-) (F-box/LRR-repeat protein 11) (F-box and leucine-rich repeat protein 11) (F-box protein FBL7) (F-box protein Lilina) [MASS=132792]	0.00	0.81	0.00	2.40	*	*	2	1.61	0.80
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	238.64	*	*	0.00	2.66	2	120.65	117.99
K0427_HUMAN (O43310) Protein KIAA0427 [MASS=67586]	0.00	0.98	*	*	0.00	1.87	2	1.43	0.45
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	0.89	0.80	0.00	*	1.00	1.62	2	1.21	0.41
KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al) [MASS=137559]	0.00	1.96	0.00	3.01	*	*	2	2.49	0.53
KCNB2_HUMAN (Q92953) Potassium voltage-gated channel subfamily B member 2 (Voltage-gated potassium channel subunit Kv2.2) [MASS=102562]	0.00	0.08	*	*	0.00	1.01	2	0.55	0.47
KI13B_HUMAN (Q9NQT8) Kinesin-like protein KIF13B (Kinesin-like protein GAKIN) [MASS=202665]	*	*	0.00	15.05	0.00	5.70	2	10.38	4.68
KIF6_HUMAN (Q6ZMV9) Kinesin-like protein KIF6 [MASS=92539]	0.00	1.34	0.00	1.09	*	*	2	1.22	0.13
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	0.69	0.45	*	*	0.93	0.68	2	0.57	0.12
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	0.99	0.40	0.98	0.68	*	*	2	0.54	0.14
LAMP1_HUMAN (P11279) Lysosome-associated membrane glycoprotein 1 precursor (LAMP-1) (CD107a antigen) [MASS=44773]	1.00	0.74	*	*	1.00	0.68	2	0.71	0.03

LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	1.05	*	*	0.00	0.82	2	0.94	0.11
LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	1.00	0.93	0.99	0.63	*	*	2	0.78	0.15
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.63	1.25	1.00	0.85	*	*	2	1.05	0.20
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	1.00	0.64	*	*	0.24	0.77	2	0.71	0.06
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	0.00	0.49	*	*	0.00	0.52	2	0.51	0.02
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n) [MASS=61333]	0.99	1.25	0.96	1.65	*	*	2	1.45	0.20
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	0.00	0.81	0.00	0.84	*	*	2	0.83	0.02
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	1.23	0.00	0.71	*	*	2	0.97	0.26
MGR2_HUMAN (Q14416) Metabotropic glutamate receptor 2 precursor (mGluR2) [MASS=95567]	0.00	3.52	*	*	0.00	2.81	2	3.17	0.36
MICA2_HUMAN (O94851) Protein MICAL-2 [MASS=126688]	0.00	0.32	*	*	0.00	0.86	2	0.59	0.27
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.99	1.52	*	*	0.91	0.98	2	1.25	0.27
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.99	0.83	*	*	0.83	1.93	2	1.38	0.55
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.96	1.09	0.97	1.14	*	*	2	1.12	0.03
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.99	0.80	1.00	1.25	*	*	2	1.03	0.23
MTMR6_HUMAN (Q9Y217) Myotubularin-related protein 6 (EC 3.1.3.-) [MASS=71953]	0.00	0.34	*	*	0.00	0.28	2	0.31	0.03

MYO5A_HUMAN (Q9Y411) Myosin-5A (Myosin Va) (Dilute myosin heavy chain, non-muscle) (Myosin heavy chain 12) (Myoxin) [MASS=215420]	0.93	0.96	*	*	0.00	1.20	2	1.08	0.12
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	0.49	0.84	0.67	0.69	*	2	0.58	0.09
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	1.84	0.99	1.75	*	*	2	1.80	0.05
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	0.99	0.48	*	*	0.00	0.83	2	0.66	0.18
NP1L4_HUMAN (Q99733) Nucleosome assembly protein 1-like 4 (Nucleosome assembly protein 2) (NAP2) [MASS=42823]	0.73	0.85	0.25	0.73	*	*	2	0.79	0.06
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	*	*	0.00	2.47	0.00	0.58	2	1.53	0.95
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.95	0.88	*	*	0.96	0.80	2	0.84	0.04
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	1.00	1.27	0.00	1.71	*	*	2	1.49	0.22
OCTC_HUMAN (Q9UKG9) Peroxisomal carnitine O-octanoyltransferase (EC 2.3.1.137) (COT) [MASS=70178]	*	*	0.00	2.39	0.00	0.87	2	1.63	0.76
ODBB_HUMAN (P21953) 2-oxoisovalerate dehydrogenase subunit beta, mitochondrial precursor (EC 1.2.4.4) (Branched-chain alpha-keto acid dehydrogenase E1 component beta chain) (BCKDH E1-beta) [MASS=43122]	*	*	0.00	1.10	0.00	1.44	2	1.27	0.17
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.75	1.14	0.00	1.01	*	*	2	1.08	0.07
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	1.11	0.00	*	1.00	1.60	2	1.36	0.25

ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	*	*	0.97	1.86	0.99	1.78	2	1.82	0.04
OMGP_HUMAN (P23515) Oligodendrocyte-myelin glycoprotein precursor [MASS=49608]	0.97	0.54	*	*	0.93	1.00	2	0.77	0.23
OR6A2_HUMAN (O95222) Olfactory receptor 6A2 (Olfactory receptor 11-55) (OR11-55) (hP2 olfactory receptor) [MASS=36154]	0.00	25.20	*	*	0.00	0.82	2	13.01	12.19
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	0.52	0.63	*	*	1.00	0.49	2	0.56	0.07
PADI3_HUMAN (Q9ULW8) Protein-arginine deiminase type-3 (EC 3.5.3.15) (Protein-arginine deiminase type III) (Peptidylarginine deiminase III) [MASS=74743]	0.00	0.01	*	*	0.00	0.47	2	0.24	0.23
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	*	*	0.00	3.12	0.00	3.11	2	3.12	0.01
PARP2_HUMAN (Q9UGN5) Poly [ADP-ribose] polymerase 2 (EC 2.4.2.30) (PARP-2) (NAD(+) ADP-ribosyltransferase 2) (Poly[ADP-ribose] synthetase 2) (pADPRT-2) (hPARP-2) [MASS=66205]	*	*	0.00	0.50	0.00	0.52	2	0.51	0.01
PCYOX_HUMAN (Q9UHG3) Prenylcysteine oxidase precursor (EC 1.8.3.5) (PCL1) [MASS=56611]	*	*	0.00	3.83	0.00	0.88	2	2.36	1.48
PECI_HUMAN (O75521) Peroxisomal 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8) (Dodecenoyl-CoA isomerase) (Delta(3),delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (DBI-related protein 1) (DRS-1) (Hepatocellular carcinoma-associated antigen 88) (NY [MASS=39609]	0.21	0.82	0.99	0.90	*	*	2	0.86	0.04
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	1.00	0.94	1.00	1.26	*	*	2	1.10	0.16
PGBM_HUMAN (P98160) Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) [MASS=468822]	0.00	0.88	*	*	0.00	0.70	2	0.79	0.09
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	0.99	0.49	0.88	0.87	*	*	2	0.68	0.19

PKHD1_HUMAN (Q8TCZ9) Polycystic kidney and hepatic disease 1 precursor (Fibrocystin) (Polyductin) (Tigmin) [MASS=446699]	*	*	0.00	1.00	0.00	0.71	2	0.86	0.15
PKP1_HUMAN (Q13835) Plakophilin-1 (Band-6 protein) (B6P) [MASS=82860]	0.00	1.95	*	*	0.00	11.83	2	6.89	4.94
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	0.69	0.58	*	*	0.96	1.19	2	0.89	0.31
PP2AA_HUMAN (P67775) Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform (EC 3.1.3.16) (PP2A-alpha) (Replication protein C) (RP-C) [MASS=35594]	*	*	0.82	1.44	1.00	0.59	2	1.02	0.43
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPlase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	0.96	1.00	0.69	*	*	2	0.83	0.14
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	*	*	0.38	0.85	0.00	1.12	2	0.99	0.13
PTPRZ_HUMAN (P23471) Receptor-type tyrosine-protein phosphatase zeta precursor (EC 3.1.3.48) (R-PTP-zeta) [MASS=254528]	0.71	0.41	0.89	0.43	*	*	2	0.42	0.01
PURA_HUMAN (Q00577) Transcriptional activator protein Pur-alpha (Purine-rich single-stranded DNA-binding protein alpha) [MASS=34911]	1.00	1.63	*	*	0.87	1.52	2	1.58	0.06
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	*	*	0.00	0.36	0.00	1.18	2	0.77	0.41
RASF4_HUMAN (Q9H2L5) Ras association domain-containing protein 4 [MASS=36748]	0.00	0.17	0.00	0.25	*	*	2	0.21	0.04
RCC2_HUMAN (Q9P258) Protein RCC2 (Telophase disk protein of 60 kDa) (RCC1-like protein TD-60) [MASS=56084]	0.00	0.40	*	*	0.00	1.44	2	0.92	0.52
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.96	0.71	*	*	0.94	0.27	2	0.49	0.22
RL4_HUMAN (P36578) 60S ribosomal protein L4 (L1) [MASS=47566]	0.95	1.41	0.99	1.90	*	*	2	1.66	0.25
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.99	0.92	*	*	0.89	1.85	2	1.39	0.47
RYR1_HUMAN (P21817) Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RYR-1) (Skeletal muscle calcium release channel) [MASS=565172]	0.00	0.62	*	*	0.00	1.99	2	1.31	0.69

RYR3_HUMAN (Q15413) Ryanodine receptor 3 (Brain-type ryanodine receptor) (RyR3) (RyR-3) (Brain ryanodine receptor-calcium release channel) [MASS=551928]	*	*	0.00	0.52	0.00	0.70	2	0.61	0.09
S14L1_HUMAN (Q92503) SEC14-like protein 1 [MASS=81277]	0.00	0.57	0.00	1.27	*	*	2	0.92	0.35
S3TC2_HUMAN (Q8TF17) SH3 domain and tetratricopeptide repeats-containing protein 2 [MASS=144776]	*	*	0.00	3.61	0.00	0.76	2	2.19	1.43
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	*	*	1.00	0.86	1.00	1.07	2	0.97	0.10
SCRB1_HUMAN (Q8WTV0) Scavenger receptor class B member 1 (SRB1) (SR-BI) (CD36 antigen-like 1) (CD36 and LIMPII analogous 1) (CLA-1) (Collagen type I receptor, thrombospondin receptor-like 1) [MASS=60878]	0.00	0.28	0.00	0.31	*	*	2	0.30	0.01
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	0.99	0.62	0.99	0.73	*	*	2	0.68	0.05
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.00	*	0.79	0.92	0.67	1.11	2	1.02	0.09
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.99	1.18	0.99	0.50	*	*	2	0.84	0.34
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	*	*	0.99	0.71	1.00	0.78	2	0.75	0.04
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	0.98	0.74	0.97	0.95	*	*	2	0.85	0.11
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	2.02	0.00	*	1.00	1.46	2	1.74	0.28
STS_HUMAN (P08842) Steryl-sulfatase precursor (EC 3.1.6.2) (Steroid sulfatase) (Steryl-sulfate sulfohydrolase) (Arylsulfatase C) (ASC) [MASS=65492]	*	*	0.00	6.52	0.66	0.52	2	3.52	3.00
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	0.00	1.00	*	*	0.47	1.48	2	1.24	0.24
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	*	*	0.94	5.60	0.95	3.12	2	4.36	1.24

SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	*	*	0.99	1.12	1.00	1.47	2	1.30	0.18
SYGP1_HUMAN (Q96PV0) Ras GTPase-activating protein SynGAP (Synaptic Ras-GTPase-activating protein 1) (Synaptic Ras-GAP 1) (Neuronal RasGAP) [MASS=146675]	*	*	0.67	0.79	0.97	1.04	2	0.92	0.13
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.99	1.40	1.00	1.86	*	*	2	1.63	0.23
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	0.00	*	1.00	1.07	1.00	1.02	2	1.05	0.03
TBA6_HUMAN (Q9BQE3) Tubulin alpha-6 chain (Alpha-tubulin 6) [MASS=49895]	1.00	0.82	1.00	0.51	*	*	2	0.67	0.16
TCPH_HUMAN (Q99832) T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) [MASS=59366]	*	*	0.99	0.80	0.72	1.74	2	1.27	0.47
TCPQ_HUMAN (P50990) T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) (NY-REN-15 antigen) [MASS=59489]	0.00	0.47	0.92	0.46	*	*	2	0.47	0.00
TDG_HUMAN (Q13569) G/T mismatch-specific thymine DNA glycosylase (EC 3.2.2.-) [MASS=46053]	*	*	0.00	0.79	0.59	0.65	2	0.72	0.07
TEBP_HUMAN (Q15185) Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Telomerase-binding protein p23) (Hsp90 co-chaperone) (Progesterone receptor complex p23) [MASS=18697]	1.00	0.71	0.99	0.84	*	*	2	0.78	0.07
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	13.58	*	*	0.00	2.55	2	8.07	5.52
THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	0.72	1.48	1.00	1.69	*	*	2	1.59	0.11
THRB_HUMAN (P00734) Prothrombin precursor (EC 3.4.21.5) (Coagulation factor II) [Contains: Activation peptide fragment 1; Activation peptide fragment 2; Thrombin light chain; Thrombin heavy chain] [MASS=70036]	0.00	1.57	0.00	0.89	*	*	2	1.23	0.34
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	1.00	0.84	1.00	1.36	*	*	2	1.10	0.26

TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	0.92	1.00	0.69	*	*	2	0.81	0.12
TOP3B_HUMAN (O95985) DNA topoisomerase 3-beta-1 (EC 5.99.1.2) (DNA topoisomerase III beta-1) [MASS=96661]	*	*	0.00	1.07	0.00	0.67	2	0.87	0.20
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	0.59	1.00	0.61	*	*	2	0.60	0.01
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	0.00	0.88	*	*	0.00	0.67	2	0.78	0.11
TYRO3_HUMAN (Q06418) Tyrosine-protein kinase receptor TYRO3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase RSE) (Tyrosine-protein kinase SKY) (Tyrosine-protein kinase DTK) (Protein-tyrosine kinase byk) [MASS=96905]	0.00	2.11	*	*	0.41	4.06	2	3.09	0.97
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	0.99	1.30	0.94	1.01	*	*	2	1.16	0.15
UBE3C_HUMAN (Q15386) Ubiquitin-protein ligase E3C (EC 6.3.2.-) [MASS=123922]	0.00	1.47	*	*	0.00	0.27	2	0.87	0.60
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	*	*	0.00	1.52	0.00	0.83	2	1.18	0.35
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	*	*	0.23	1.53	0.00	0.59	2	1.06	0.47
UBP5_HUMAN (P45974) Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) (Deubiquitinating enzyme 5) (Isopeptidase T) [MASS=95786]	1.00	0.73	*	*	1.00	0.69	2	0.71	0.02
UBR2_HUMAN (Q8I WV8) Ubiquitin-protein ligase E3 component N-recognin-2 (EC 6.-.-.-) (Ubiquitin-protein ligase E3-alpha-2) (Ubiquitin-protein ligase E3-alpha-II) [MASS=200537]	0.00	1.09	*	*	0.00	0.86	2	0.98	0.12

VAPA_HUMAN (Q9P0L0) Vesicle-associated membrane protein-associated protein A (VAMP-associated protein A) (VAMP-A) (VAP-A) (33 kDa Vamp-associated protein) (VAP-33) [MASS=27317]	*	*	0.00	0.99	0.00	0.30	2	0.65	0.35
VPS29_HUMAN (Q9UBQ0) Vacuolar protein sorting 29 (Vesicle protein sorting 29) (hVPS29) (PEP11) [MASS=20506]	*	*	0.99	0.51	0.00	0.91	2	0.71	0.20
XPO5_HUMAN (Q9HAV4) Exportin-5 (Exp5) (Ran-binding protein 21) [MASS=136310]	0.00	2.38	*	*	0.00	0.89	2	1.64	0.75
XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	*	*	0.38	0.20	0.00	0.69	2	0.45	0.25
ZN294_HUMAN (O94822) Zinc finger protein 294 [MASS=200534]	0.00	1.13	0.00	0.34	*	*	2	0.74	0.40
ZN6_HUMAN (Q9Y462) Zinc finger protein 6 [MASS=87209]	0.44	1.76	*	*	0.59	1.12	2	1.44	0.32
ZN85_HUMAN (Q03923) Zinc finger protein 85 (Zinc finger protein HPF4) (HTF1) [MASS=68718]	0.27	1.25	0.00	0.56	*	*	2	0.91	0.35

**Table 3. MCI mitochondrial samples
Experiment 1**

Description	A = Protein Score B = Percent Coverage C = XPress H2L Ratio D = XPress Std. Dev.				E = XPress Peptides F = Unique Peptides G = Charge H = Instances			Peptide Sequence	H
	A	B	C	D	E	F	G		
1433B_HUMAN (P31946) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein 1) (KCIP-1) (Protein 1054) [MASS=27951]	0.37	26.12	1.52	0.00	1	3	3	IEAELQDIC[339]NDVLELLDKYLIPNATQPESK	1
							2	IEAELQDIC[339]NDVLELLDK	1
							3	LAEQAERYDDMAAMK	1
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	0.58	16.08	0.49	0.00	1	2	2	LIC[330]C[330]DILDVLDK	1
							3	KEAAENSLVAYKAASDIAMTELPPTHPIR	1
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	0.61	15.51	0.85	0.29	2	2	2	FLIKNC[330]NDFQYESKVFYK	1
							3	ELETVC[339]NDVLSLLDKFLIK	1
							3	ELETVC[330]NDVLSLLDKFLIK	1
							3	LGLALNYSVFYYEIQNAPEQAC[339]HLAK	1
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	18.29	0.76	0.05	5	2	3	ELEAVC[330]QDVLSLLDNYLIK	1
							2	ELEAVC[339]QDVLSLLDNYLIK	2
							2	ELEAVC[330]QDVLSLLDNYLIK	1
							2	LAEQAERYDDMATC[330]M[147]K	1
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	0.96	16.33	0.98	0.00	1	2	3	SIC[330]TTVLELLDKYLIANATNPESK	1
							2	IETELRDIC[339]NDVLSLLEK	1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	12.24	0.75	0.09	3	2	2	DIC[339]NDVLSLLEK	1
							3	IETELRDIC[330]NDVLSLLEK	1
							1	QAAEDK	2
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	1.00	11.56	0.91	0.13	2	4	2	LAIIYMPLLAGQLGVEFFDEK	1
							2	LNIISNLDLC[339]VNEVIGIR	1
							3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1
5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	0.00	2.50	7.25	0.00	1	1	2	C[339]FGFDMDYTLAVYK	1

6PGD_HUMAN (P52209) 6-phosphogluconate dehydrogenase, decarboxylating (EC 1.1.1.44) [MASS=53008]	0.00	14.73	0.97	0.00	1	4	3 TELDSFLIEITANILKFQD TDGKHL LPK	1
							3 IISYAQGFM[147]LLR	1
							2 MVHNGIEYGDMLIC[330]EAYHLM[147]K	1
							2 C[330]LSSLKDER	1
A20A1_HUMAN (Q5TYW2) Ankyrin repeat domain-containing protein 20A1 [MASS=94047]	*	1.70	*	*	*	1	2 DVSVQVEM[147]SSAISK	1
							2 NLDKEYLPIGGLAEFC[330]K	2
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.49	1.32	0.14	6	4	1 VGAFTM[147]VC[339]K	1
							2 VGAFTM[147]VC[339]K	1
							2 TC[339]GDFDTGAVEDISK	2
							2 HFIEQGINVC[339]LC[339]QSYAK	1
							3 KLSTAM[147]ALIGGPPVFLDEPTTGM[147]DPKAR	2
ABCA1_HUMAN (O95477) ATP-binding cassette sub-family A member 1 (ATP-binding cassette transporter 1) (ATP-binding cassette 1) (ABC-1) (Cholesterol efflux regulatory protein) [MASS=254284]	*	5.00	*	*	*	5	2 NQLGTGYLTLVK	1
							3 SVVLTSHSM[147]EEC[330]EALC[339]TRMAIM[147]VNGR	1
							2 YGGFSLGVSNTQALPPSQEVNDATK	1
							2 PFTEDDAADPNDSIDIPESR	1
ABCB8_HUMAN (Q9NUT2) ATP-binding cassette sub-family B member 8, mitochondrial precursor (Mitochondrial ATP-binding cassette 1) (M-ABC1) [MASS=79947]	*	3.67	*	*	*	1	3 APLAPRWSPSAWC[330]WVGGALLGPMVLSK	1
ABCG1_HUMAN (P45844) ATP-binding cassette sub-family G member 1 (White protein homolog) (ATP-binding cassette transporter 8) [MASS=75592]	*	9.00	*	*	*	3	2 PSEEVKQTK	1
							3 SVC[339]VSVDEVVSSNMEATETDLLNGHLK	1
							3 EGM[147]C[339]DSDHKRDLGGDAEVNPF LWHR	1
ACAD8_HUMAN (Q9UKU7) Acyl-CoA dehydrogenase family member 8, mitochondrial precursor (EC 1.3.99.-) (ACAD-8) (Isobutyryl-CoA dehydrogenase) (Activator-recruited cofactor 42 kDa component) (ARC42) [MASS=45070]	*	4.10	*	*	*	1	2 LGC[330]LPGGLRVLVQTGHR	1
ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	*	8.50	*	*	*	1	3 QAWVTPFTSGDKIGC[330]FALSEPGNGSDAGAASTTAR	1

ACHB2_HUMAN (P17787) Neuronal acetylcholine receptor protein subunit beta-2 precursor [MASS=57019]	0.00	2.99	0.42	0.00	1	1	2	RC[330]GPVALLLGFGLLR	1
							2	VAVPSTIHC[339]DHLIEAQVGGEKDLR	1
							2	VAVPSTIHC[330]DHLIEAQVGGEK	1
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	7.95	1.28	0.03	6	3	3	VAVPSTIHC[330]DHLIEAQVGGEK	1
							2	VGLIGSC[330]TNSSYEDM[147]GR	1
							2	VAVPSTIHC[339]DHLIEAQVGGEK	2
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	1.00	13.30	1.41	0.00	2	3	2	MSPLSIVTALVDKIDMC[330]K	1
							3	FGRILEDLDLSGLVIC[339]YM[147]HNKIHSK	1
							2	SLEIC[339]HPQER	1
							2	SLEIC[330]HPQER	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	0.99	27.56	1.23	0.00	1	2	3	LMC[339]PQEIVDYIADKK	1
							3	VTQLC[330]RQYSDEM[147]PPLTLEGIQDRVLYVLK	1
							3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	3
							2	C[330]DVIDIRK	2
							2	C[339]DVIDIRK	2
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	17.07	0.57	0.25	13	4	3	C[330]PEALFQPSFLGMESC[330]GIHETTFNSIM[147]K	1
							1	C[330]DVIDIR	1
							2	LC[330]YVALDFEQEM[147]ATAASSSSLEK	1
							2	C[330]DVIDIR	1
							3	C[339]PEALFQPSFLGMESC[339]GIHETTFNSIMK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIMK	1
							2	LC[330]YVALDFEQEMATAASSSSLEK	1
							3	C[339]PEALFQPSFLGMESC[330]GIHETTFNSIMK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
ACTY_HUMAN (P42025) Beta-centractin (Actin-related protein 1B) (ARP1B) [MASS=42293]	0.82	2.93	0.14	0.00	1	1	2	YC[339]FPNYVGRPK	1
ADA10_HUMAN (O14672) ADAM 10 precursor (EC 3.4.24.81) (A disintegrin and metalloproteinase domain 10) (Mammalian disintegrin-metalloprotease) (Kuzbanian protein homolog) (CDw156c antigen) [MASS=84142]	0.00	4.55	0.89	0.00	1	2	3	EGIC[339]NGFTALC[339]PASDPK	1
							3	HTQVC[330]INGQC[330]AGSIC[330]EK	1

ADA20_HUMAN (O43506) ADAM 20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 20) [MASS=81710]	*	6.06	*	*	*	2	2 3	LKYC[330]GNLVVEEGEEEC[339]DC[330]GTIR FGHC[330]GIVGTTYVKC[339]WTPDIMC[339]GR	1 1
ADA28_HUMAN (Q9UKQ2) ADAM 28 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 28) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein-L) (MDC-L) (eMDC II) (ADAM23) [MASS=87208]	0.00	3.87	1.16	0.00	1	2	1 3	HQSSREK VAGTMAHEMGNHFGM[147]FHDDYSC[339]K	1 1
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	0.00	5.99	1.97	0.00	1	2	3 2	M[147]WRVLFLLSGLGGLRMDSNFDSLPPVQITVPEK SVVMVSTC[339]TGLR	1 1
ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenyl cyclase) [MASS=130615]	0.00	5.82	0.50	0.00	1	3	2 3 3	RFLTFQR SPSAGLWC[330]PVFFVYIAYTLLPIRM LM[147]EQMKHINEHSFNNFQM[147]KIGLNM[147]GPVVAGVIGAR	1 1 1
ADCY7_HUMAN (P51828) Adenylate cyclase type 7 (EC 4.6.1.1) (Adenylate cyclase type VII) (ATP pyrophosphate-lyase 7) (Adenyl cyclase 7) [MASS=120308]	*	2.59	*	*	*	2	2 2	C[339]MPDNNFHSLYVKR C[330]C[330]PARGTLC[330]TISER	1 1
ADNP_HUMAN (Q9H2P0) Activity-dependent neuroprotector (Activity-dependent neuroprotective protein) [MASS=123562]	0.00	5.63	*	*	*	2	3 3	PNLNSTGVNMMSSVHLQQNNYGVKSVGGYSGVQSM[147]R C[330]IHC[330]LGVYTSNM[147]TASTITLHLVHC[339]R	1 1

								2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	4
								2	VKLLQVQHASK	1
								2	EFHGLGDC[339]IHK	1
								1	EFHGLGDC[339]IHK	3
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	19.19	1.04	0.13	20	4		2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
								2	EFHGLGDC[330]IHK	1
								2	MM[147]MQSGR	1
								1	EFHGLGDC[330]IHK	3
								3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	4
								3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.87	2.69	*	*	*	1	1	1	GLGDC[330]LVK	1
ADT3_HUMAN	0.87	5.39	1.17	0.00	1	1	2	2	GLGDC[339]LVKITKSDGIR	1
AFAM_HUMAN (P43652) Afamin precursor (Alpha-albumin) (Alpha-Alb) [MASS=69069]	*	3.51	*	*	*	1	2	2	FTDSENV[339]QERDADPDITFAK	1
AFF4_HUMAN (Q9UHB7) AF4/FMR2 family member 4 (ALL1-fused gene from chromosome 5q31) (Major CDK9 elongation factor- associated protein) [MASS=127458]	*	5.93	*	*	*	4	2	2	VM[147]GPLIFNASIM[147]TDLVRYTR	1
							2	2	YKSTKSSQK	1
							2	2	LSPGNSGNYSSGASSASAGSSVTIPQK	1
							2	2	C[330]ESLLYLRLFK	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	*	4.64	*	*	*	2	2	2	ASEEIFFGR	1
							2	2	KVTQSAYAQIVQFGMNEKVGQISFDLPR	1

AKAP6_HUMAN (Q13023) A-kinase anchor protein 6 (Protein kinase A-anchoring protein 6) (PRKA6) (A-kinase anchor protein 100 kDa) (AKAP 100) (mAKAP) [MASS=256664]	*	3.32	*	*	*	4	2	EAVEEEGHQLLELIASHK	1
							3	C[339]KALMDSLDDSENTAGK	1
							2	NSSHTHELGTKRENK	1
							3	SKHQTTTELQPDVPPHERILASASHEM[147]DR	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	*	4.17	*	*	*	9	2	LFKDDM[147]EK	1
							2	LEQLRAELDEMYGQQIVQM[147]KQELIR	1
							2	EELIFAQEEKIKELQK	1
							1	PTNLLR	1
							3	PSQELLEYNIIQKQSQMLEM[147]QVELSSMKDR	1
							1	EELGLILEEK[C339]ALQR	1
							3	SLENQTYFKSFEENGKGSIIINLETR	1
							2	PELSLEVQLQAERDAIDR	1
AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	0.00	3.54	*	*	*	1	3	FYGAEIVSALDYHSEK	1
AL2S8_HUMAN (Q8N187) Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 8 protein (Calcium-response factor) (CaRF) (Protein NYD-SP24) [MASS=80697]	*	4.00	*	*	*	1	3	SQYVPYDGIPIVFNAGSRAVVM[147]EC[330]QYGPRR	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	22.99	0.62	0.22	6	9	2	NLGKVGSKC[330]C[330]K	1
							1	RDAHK	1
							2	WVTFISLLFLFSSAYSRGVFR	1
							2	ADDKETC[330]FAEEGKK	1
							3	MPC[330]AEDYLSVVLNQLC[330]VLHEK	2
							3	QEPERNEC[330]FLQHKDDNPNLPR	1
							2	FQNALLVRYTKK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	2.13	1.74	0.00	2	1	3	VHTEC[330]C[330]HGDILLEC[330]ADDRADLAK	1
							2	C[330]C[330]AAADPHEC[330]YAK	1
							2	LLC[330]GGGIAADR	1
							2	LLC[339]GGGIAADR	1

ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	31.40	0.61	0.28	10	7	3	RLQSIGTENTENRR	1
							2	C[330]QYVTEK	1
							3	QLLLTADDRVNPC[339]IGGVILFHETLYQK	1
							3	YASIC[339]QQNGIVPIVEPEILPDGDHDLKR	1
							3	YASIC[330]QQNGIVPIVEPEILPDGDHDLKR	2
							2	VNPC[330]IGGVILFHETLYQK	1
							2	RC[330]QYVTEK	1
							2	ALANSLAC[330]QGK	2
							2	VNPC[339]IGGVILFHETLYQK	1
							1	C[330]QYVTEK	1
ALDOB_HUMAN (P05062) Fructose-bisphosphate aldolase B (EC 4.1.2.13) (Liver-type aldolase) [MASS=39342]	0.00	3.31	*	*	*	1	3	PNM[147]VTAGHAC[339]TK	1
ALG12_HUMAN (Q9BV10) Dolichyl-P-Man:Man(7)GlcNAc(2)-PP-dolichyl-alpha-1,6-mannosyltransferase (EC 2.4.1.-) (Mannosyltransferase ALG12 homolog) (hALG12) (Membrane protein SB87) [MASS=54654]	*	9.63	*	*	*	2	3	VLASVVGTTGVSLNLTQLPPFNVHLQTKLVLLER	1
							3	FLQVNSAWRYDKR	1
ALG6_HUMAN (Q9Y672) Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase (EC 2.4.1.-) (Dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase) [MASS=58180]	*	10.85	*	*	*	2	3	DELLM[147]PSVVTTMAFFIAC[339]VTSFSIFEK	1
							3	IKDILPRHIQLIM[147]SFC[339]FTFLSLLPAC[339]IK	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	*	1.34	*	*	*	3	2	PIVIYKQAFPEGHLPEESLK	1
							3	GM[147]GC[330]KPEAVC[339]SHIIIESHEK	1
							3	HVNLSASLDQNNSHFK	1
ALU7_HUMAN (P39194) Alu subfamily SQ sequence contamination warning entry [MASS=64513]	*	3.54	*	*	*	1	2	LPGSSDSPASASRVAGITGAR	1
AMOL1_HUMAN (Q8IY63) Angiotenin-like protein 1 [MASS=106573]	*	2.30	*	*	*	1	3	HGNGQPANM[147]PEYNAPALLELV	1
AMOT_HUMAN (Q4VCS5) Angiotenin [MASS=118085]	*	1.11	*	*	*	1	3	GSLGILLGGDYR	1
ANGL1_HUMAN (O95841) Angiotenin-related protein 1 precursor (Angiotenin-like 1) (Angiotenin-3) (ANG-3) [MASS=56719]	0.00	4.68	0.44	0.00	1	1	2	ITGPIC[330]VNTKGQDASTIKDMITR	1

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.99	4.99	0.94	0.00	1	10	1	VSSIGVK	1
							3	SRDVEVLEGKPIYVDC[330]FGNLVPLTK	1
							3	DSLEASPVLEDNSSHKTPDSLEPSPLKESPC[339]R	1
							3	VEQQLSDLDTSVQKTVAPQGQDM[147]ASIAPDNRSK	1
							3	ALPLPEASVKTDGTGESKPQGVIR	1
							3	IENPNSLQDQSQYLLKIWLER	1
							2	SYTETETESR	1
							3	MADEQGDMDLQISPDRC	1
							3	C[330]TAPTRVTC[330]R	1
							2	IRVGLQAQPMHSELVKK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	*	2.72	*	*	*	7	2	STLGASTTSSVKSISDVASPIRSLR	1
							2	QTTVEETAVER	1
							2	KRYSYLTEPGM[147]IER	1
							3	TRDGLTPLHC[339]GAR	1
							3	IPVKNTPRDNIIAVR	1
							3	NATTDALTSVLTKINR	1
							2	AEEKAPSLPSSPEKM[147]VLSQQTEDSK	1
ANKR6_HUMAN (Q9Y2G4) Ankyrin repeat domain-containing protein 6 [MASS=75722]	0.00	5.49	0.22	0.00	1	2	2	AELGSVQDKM[147]NTKLGQM[147]ENK	1
							2	AGC[330]DLDVQDDGDQTALHR	1
ANM1_HUMAN (Q99873) Protein arginine N-methyltransferase 1 (EC 2.1.1.-) (Interferon receptor 1-bound protein 4) [MASS=41485]	0.00	3.60	0.89	0.00	1	1	2	GQLC[330]ELSC[330]STDYR	1
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	*	6.21	*	*	*	2	2	ITRTSMC[330]TAIAGYFDIYFEK	1
							3	SEHQFNIDSM[147]VHK	2
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	*	0.30	*	*	*	1	2	EKVFEKHK	1
ANR12_HUMAN (Q6UB98) Ankyrin repeat domain-containing protein 12 (Ankyrin repeat-containing cofactor 2) (GAC-1 protein) [MASS=235652]	*	2.62	*	*	*	3	2	GETPLHMAAIRGDVKQVK	1
							2	RLVNDDLMQTSFERMLSLK	1
							2	DEDHSPTFENSDC[330]TLKK	1
ANR28_HUMAN (O15084) Ankyrin repeat domain-containing protein 28 [MASS=116528]	0.00	4.33	1.22	0.00	1	2	3	TPLHM[147]TALHGRFSRSQTIIQSGAVIDC[330]EDK	1
							2	C[330]AEALVPLLSNVNVSQR	1

ANR52_HUMAN (Q8NB46) Ankyrin repeat domain-containing protein 52 [MASS=115057]	*	5.86	*	*	*	2	3	KLLSSGQLYSIVSSLSNEHVL SAGFDINTPDNLGR	1
							3	NC[339]SIAAAKTVGGC[339]GALPHGASC[339]PYSQER	1
ANRA2_HUMAN (Q9H9E1) Ankyrin repeat family A protein 2 (RFXANK-like 2) [MASS=34272]	0.00	7.03	*	*	*	1	2	IEHPLDPNSEE GSAQGVAMGMK	1
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.92	7.10	1.68	0.00	1	1	3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	9.23	0.54	0.08	3	4	2	QRQEV C[339]QSYK	1
							2	ALIEILATRTNAEIRAIN EAYK	1
							2	SELDMLDIREIFRTK	1
							2	QRQEV C[330]QSYK	1
							2	LIVGLM[147]RPPAYC[330]DAK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	0.00	5.69	*	*	*	5	2	C[330]LKDEDPYVRK	1
							2	DDREAQ SIC[330]ER	1
							2	C[339]AIKVEQSAER	1
							2	C[330]VSTLLDLIQTK	1
							2	KTAAVC[339]VAK	1
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554]	0.00	1.94	*	*	*	2	2	SKFKGDK	1
							2	AC[339]NQLGQFLQHR	1
							2	AC[330]NQLGQFLQHR	1
AP2A2_HUMAN (O94973) AP-2 complex subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote [MASS=103960]	1.00	7.24	0.70	0.02	3	3	2	NPTFMGLALHC[330]IASVGSR	1
							2	IVTSASTDLQDYTYFVPAPWLSVKLLR	1
							2	SSPLIQFHLLH SKFHLC[339]SVPTR	1

AP2B1_HUMAN (P63010) AP-2 complex subunit beta-1 (Adapter-related protein complex 2 beta-1 subunit) (Beta-adaptin) (Plasma membrane adaptor HA2/AP2 adaptin beta subunit) (Clathrin assembly protein complex 2 beta large chain) (AP105B) [MASS=104552]	1.00	7.26	0.74	0.12	6	3	2	EC[330]HLNADTVSSK	1
							3	SQPDMAIMAVNSFVKDC[330]EDPNPLIRALAVR	1
							2	NNIDVFYFSC[330]LIPLNVLFVEDGKM[147]ER	1
AP2M1_HUMAN (Q96CW1) AP-2 complex subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654]	0.57	10.34	4.60	0.00	1	2	2	QSIAIDDC[330]TFHQQC[330]VR	1
							3	RNELFLDVLESVNLLM[147]SPQGQVLSAHVSGR	1
AP3B2_HUMAN (Q13367) AP-3 complex subunit beta-2 (Adapter-related protein complex 3 beta-2 subunit) (Beta3B-adaptin) (Adaptor protein complex AP-3 beta-2 subunit) (AP-3 complex beta-2 subunit) (Clathrin assembly protein complex 3 beta-2 large chain) (Neu [MASS=119058]	*	4.62	*	*	*	2	3	ILKLEVLTNLANETNIPTVLREFQTYIR	1
							3	EQGKLM[147]GMNEITEKLM[147]LPDTC[330]R	1
AP3D1_HUMAN (O14617) AP-3 complex subunit delta-1 (Adapter-related protein complex 3 subunit delta-1) (Delta-adaptin 3) (AP-3 complex subunit delta) (Delta-adaptin) [MASS=130157]	*	1.30	*	*	*	1	2	DLILQC[330]LDDKDESIR	1
							2	DLILQC[339]LDDKDESIR	1
APEX2_HUMAN (Q9UBZ4) DNA-(apurinic or apyrimidinic site) lyase 2 (EC 4.2.99.18) (Apyriminic-apyrimidinic endonuclease 2) (AP endonuclease 2) (APEX nuclease 2) (APEX nuclease-like 2) (AP endonuclease XTH2) [MASS=57400]	*	5.79	*	*	*	2	3	ALDSEGRALLTQHK	1
							2	PQPSQVGSSRGQKNLK	1
							1	VYVSGLM[147]K	2
APMAP_HUMAN (Q9HDC9) Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480]	0.98	15.62	0.95	0.00	1	4	3	LFSQETVM[147]KFVPRYSLVLELSDSGAFR	1
							3	TRDDEPVC[339]GRPLGIR	1
							3	PQVVTTTTDDGQAPEAK	1
APOA_HUMAN (P08519) Apolipoprotein(a) precursor (EC 3.4.21.-) (Apo(a)) (Lp(a)) [MASS=501317]	*	0.55	*	*	*	1	3	GTYSTTVTGRTC[339]QAWSSM[147]TPHQHSR	1

APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	0.63	6.35	0.52	0.00	1	1	2	KM[147]TVTDQVNC[330]PK	1
APOE_HUMAN (P02649) Apolipoprotein E precursor (Apo-E) [MASS=36154]	*	6.94	*	*	*	1	2	LSKELQAAQARLGADM[147]EDVC[330]GR	1
AQP1_HUMAN (P29972) Aquaporin-1 (AQP-1) (Aquaporin-CHIP) (Water channel protein for red blood cells and kidney proximal tubule) (Urine water channel) [MASS=28395]	0.99	12.31	0.47	0.00	1	1	3	DLGGSAPLAIGLSVALGHLLAIDYTG[330]GINPAR	1
ARF3_HUMAN (P61204) ADP-ribosylation factor 3 [MASS=20469]	0.00	16.11	0.53	0.00	1	1	2	HRNWYIQATC[330]ATSGDGLYEGLDWLANQLK	1
ARHG3_HUMAN (Q9NR81) Rho guanine nucleotide exchange factor 3 (Exchange factor found in platelets and leukemic and neuronal tissues) (XPLN) [MASS=59782]	0.00	6.27	0.27	0.00	1	2	2	DAEEPSNKR	1
							2	ANC[330]SLELPPASGPAKDAEEPSNKR	1
ARHG8_HUMAN (Q7Z628) Neuroepithelial cell-transforming gene 1 protein (p65 Net1 proto-oncogene) (Rho guanine nucleotide exchange factor 8) [MASS=67740]	*	2.52	*	*	*	1	2	LNAYRGYC[330]SNQLAAK	2
ARHGA_HUMAN (O15013) Rho guanine nucleotide exchange factor 10 [MASS=151611]	0.00	2.70	0.59	0.00	1	2	3	VFM[147]LNDVLM[147]C[330]ATVSSRPSHDSRVMSQR	1
							2	MRPPGFSLR	1
ARI2_HUMAN (O95376) Protein ariadne-2 homolog (ARI-2) (Triad1 protein) [MASS=57819]	*	3.85	*	*	*	1	3	SLQLEAQTYQRIHEKIQER	1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	3.34	*	*	*	3	2	SEVATIDRRR	1
							3	TSDC[339]IGSEGM[147]K	1
							2	LTDASWYTVVFDDGDERTLRR	1
ARS2_HUMAN (Q9BXP5) Arsenite-resistance protein 2 [MASS=100666]	*	2.40	*	*	*	1	2	DPEQEVEKFVTSNTQELGKDK	1
ARSG_HUMAN (Q96EG1) Arylsulfatase G precursor (EC 3.1.6.-) (ASG) [MASS=57060]	*	6.29	*	*	*	1	3	DC[330]YTDVALPLYENLNIVEQPVNLSLAQKYAEK	1
ASCL3_HUMAN (Q9NQ33) Achaete-scute homolog 3 (bHLH transcriptional regulator Sgn-1) [MASS=20797]	0.82	6.67	0.46	0.00	1	1	3	GC[330]EYSYGPAFTR	1

AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+)-ATPase subunit alpha) [MASS=115898]	0.00	7.97	*	*	*	4	3	ADIGIAMGIAGSDAAK	2
							3	LIIVEGC[339]QRQDAVVAVTGDGVNDSPALK	1
							2	LIIVEGC[330]QR	2
							3	YGTDIIMGLSSTRAAELLARDGPNSLTPPK	1
							2	NLEAVETLGSTSTIC[339]SDK	1
							2	NIAFFSTNC[330]VEGTAR	1
							2	C[339]SSILLHGK	1
							1	M[147]GKGVGR	1
							2	IAGLC[330]NR	2
							2	PTWWFC[339]AFPYSLIFVYDEVK	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+-ATPase 1) [MASS=112895]	1.00	16.62	0.41	0.20	11	11	2	NLEAVETLGSTSTIC[330]SDK	1
							2	IISANGC[339]K	1
							1	IISANGC[330]K	1
							3	NLEAVETLGSTSTIC[330]SDKTGTLTQNR	1
							3	AVAGDASESALLKC[330]IELC[339]C[339]GSVKEM[147]R	1
							2	AC[330]VVHGSDLK	1
							2	C[330]SSILLHGK	1
							2	AC[339]VVHGSDLK	1
							2	IISANGC[330]K	3
							2	AC[330]VVHGSDLKDM[147]TSEQLDDILK	1
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+-ATPase 2) [MASS=112265]	0.82	4.41	0.37	0.00	1	3	2	IISSHGC[339]K	1
							2	AC[330]VVHGSDLKDMTSEQLDEILK	1
							3	NIC[330]FFSTNC[330]VEGTAR	1

AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na ⁺ /K ⁺ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	15.70	0.50	0.65	22	12	2	YNTDC[339]VQGLTHSK	1
							2	C[339]IELSSGSVKLMR	1
							2	NITFFSTNC[330]VEGTAR	2
							2	VLGFC[330]HYLPEEQFPK	3
							2	AC[330]VIHGTDLK	1
							2	M[147]SVEEVC[330]R	1
							1	C[330]STILLQGK	1
							2	SPDC[339]THDNPLETR	1
							3	AC[330]VIHGTDLKDFTSEQIDEILQNHTEIVFAR	1
							2	VLGFC[339]HYLPEEQFPK	1
AT1A4_HUMAN (Q13733) Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na ⁺ /K ⁺ ATPase 4) [MASS=114166]	0.00	2.33	*	*	*	1	2	MSVEEVC[330]RK	1
							2	YNTDC[330]VQGLTHSK	2
							2	IISAHGC[339]K	1
							2	AC[339]VIHGTDLK	1
							2	KYNTDC[339]VQGLTHSK	1
							2	M[147]SVEEVC[330]RK	1
							2	SPDC[330]THDNPLETR	1
							2	M[147]SVEEVC[339]R	1
							3	EVVMDDHKLTLLEELSTKYSVDLTK	1
							2	YNPNVLPVQC[330]TGKR	1
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	33.99	0.47	0.25	16	6	1	EGKPC[330]IIIK	1
							3	DSAQRDDM[147]IFEDC[330]GDPSEPKEK	1
							3	DSAQRDDM[147]IFEDC[330]GDPSEPKEK	1
							2	YKDSAQRDDM[147]IFEDC[330]GDPSEPKEK	1
							2	EGKPC[330]IIIK	1
							3	YKDSAQRDDM[147]IFEDC[339]GDPSEPKEK	1
							2	DSAQRDDM[147]IFEDC[330]GDPSEPKEK	1
							2	YNPNVLPVQC[330]TGK	4
							2	YNPNVLPVQC[339]TGK	4
							2	YNPNVLPVQC[339]TGK	4

AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	*	2.76	*	*	*	1	2	NDVC[339]RPGR	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	4.41	0.89	0.07	4	4	2 C[330]THIR 2 NYLEPGKEC[330]VQPATK 2 VSFYQLSHFLQC[330]K 2 SM[147]SVYC[330]TPNKPSR	1 1 1 1	
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.99	2.94	0.84	0.00	1	2	3 RDYQDVRNEIPEEALYK 3 C[330]GILHPGEDFLC[330]LEGKDFNR	1 1	
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	9.49	0.66	0.05	3	6	2 NESSHGGEFGC[330]TM[147]EELR 3 M[147]LVTAVGVNSQTGIIFTLLGAGGEEEEKK 2 C[330]GIHPGEDFLC[330]LEGK 3 ETYGDTEAIC[330]RR 3 EEIPEEELNEDVEEIDHAERELRR 2 TEC[339]GLLGFVLDLKQDYEPVR	1 1 1 1 1 1	
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	0.99	1.61	0.55	0.00	1	1	3 TEC[330]ALLGFVTDLKQDYQAVR	1	
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	*	2.34	*	*	*	1	1 C[339]IADLK 1 C[330]IADLK	3 1	
AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase IA (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	0.99	4.64	0.81	0.00	1	4	1 M[147]PTM[147]RR 2 FC[330]NNHVSTAK 3 TIFINQPQLTKFC[339]NNHVSTAK 2 YPELYKTSQNALDFNTK	1 1 1 1	

ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	*	6.55	*	*	*	5	2	FDSVGGLSNHIAALK	1
							3	LITNTAEAVLQKMDDMK	1
							3	SLRARNIVQSTEHLHEDNGDVEVR	1
							2	PRILIVGEPFGQGSHLAPAVIHALEK	1
							2	EILKIHDR	1
ATG4B_HUMAN (Q9Y4P1) Cysteine protease ATG4B (EC 3.4.22.-) (Autophagy-related protein 4 homolog B) (hAPG4B) (Autophagin-1) (Autophagy-related cysteine endopeptidase 1) (AUT-like 1 cysteine endopeptidase) [MASS=44309]	*	10.94	*	*	*	2	3	HC[339]FM[147]M[147]PQSLGVIGGK	1
							2	LWFTYRKNFPAIGGTGPTSDTGWGC[339]MLR	1
ATG7_HUMAN (O95352) Autophagy-related protein 7 (APG7-like) (Ubiquitin-activating enzyme E1-like protein) (hAGP7) [MASS=77959]	0.00	5.12	0.73	0.00	1	2	2	C[339]C[339]PAIGTLYTNTNTLESFK	1
							2	GGM[147]GPRMVNLSEC[330]M[147]DPKR	1
ATL1_HUMAN (Q8N6G6) ADAMTS-like protein 1 precursor (ADAMTSL-1) (Punctin-1) [MASS=58416]	0.00	11.81	1.11	0.00	1	4	2	TC[339]GGGASYSLRR	1
							2	SNRVVADQYC[330]HYYPENIK	1
							2	MAGPLTADFIVKIR	1
							3	WLAQEWSPC[330]TVTC[330]GQGLR	1
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	0.35	2.45	0.67	0.00	1	4	1	LNDSLK	1
							3	VAQSC[330]AAHFTALLYAEIYADKKSMDDEK	1
							3	KLDASC[330]AANNPSLKLTYTEC[330]LR	1
							2	MTTDPM[147]LAYLQPFRTSRK	1
ATN1_HUMAN (P54259) Atrophin-1 (Dentatorubral-pallidoluysian atrophy protein) [MASS=124773]	*	1.94	*	*	*	2	2	ERELERSVK	1
							3	VEEASTPKVKNKQGR	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.89	16.18	1.02	0.00	1	1	2	IC[330]SLHSLPPQS	1
							1	IC[339]SLHSLPPQS	1
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	7.59	1.30	0.03	7	2	1	LYC[339]IYVAIGQK	1
							2	LYC[339]IYVAIGQK	2
							1	LYC[330]IYVAIGQK	2
							3	YTIVVSATASDAAPLQYLAPYSGC[339]SM[147]GEYFR	1
							2	LYC[330]IYVAIGQK	1
ATPB_HUMAN (P06576) ATP synthase beta chain, mitochondrial precursor (EC 3.6.3.14) [MASS=56559]	*	6.62	*	*	*	1	3	AIAELGIYPAVDPLDSTSRIM[147]DPNIVGSEHYDVAR	1

ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	11.07	1.19	0.04	4	3	1	GLC[330]GAIHSSIAK	1
							2	HLLIGVSSDR	1
							2	SEVATLTAAGK	1
							2	GLC[330]GAIHSSIAK	2
							2	GLC[339]GAIHSSIAK	1
ATR_HUMAN (Q13535) Serine/threonine-protein kinase ATR (EC 2.7.11.1) (Ataxia telangiectasia and Rad3-related protein) (FRAP-related protein 1) [MASS=301365]	*	5.14	*	*	*	7	3	YATDSETVEPIISQLVTVLLKGC[330]QDANSQAR	1
							3	HLVEM[147]DTDQLKLYEEPLSK	1
							2	KMALNSLM[147]SLMKLMGPK	1
							2	MALNSLM[147]SLMKLMGPKHVSSVR	1
							2	GSC[339]IEFSNWIITRLLR	1
							3	FLDLIPQDTLAVASFRSKAYTR	1
							2	FLDLIPQDTLAVASFRSKAYTR	1
ATS10_HUMAN (Q9H324) ADAMTS-10 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 10) (ADAM-TS 10) (ADAM-TS10) (Fragment) [MASS=118072]	0.00	3.99	2.85	0.00	1	2	1	ISLKGSDGK	2
							2	C[339]SAQC[339]AGGSQVQAVEC[339]R	1
							3	GQDPAKLMAAHITM[147]KTNPFWSSC[330]NR	1
							3	NEPC[339]DTLGFAPISGMC[330]SKYR	1
							3	YMPQPPKEDLFILPDEYKSC[339]LR	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	0.00	3.43	0.86	0.00	1	2	2	GRNPSDLWSSC[330]SRDDLENFLK	1
							3	TPIPEHVDGDWSPWGAWSM[147]C[330]SRTC[330]GTGAR	1
							3	KAEGNIMSPTLTGNNGVFSWSSC[339]SRQYLK	1
ATS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	0.00	4.66	0.29	0.00	1	2	3	AEGNIMSPTLTGNNGVFSWSSC[330]SR	1
							3	AEGNIMSPTLTGNNGVFSWSSC[330]SR	1
ATS18_HUMAN (Q8TE60) ADAMTS-18 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 18) (ADAM-TS 18) (ADAM-TS18) [MASS=135140]	0.00	4.34	0.58	0.00	1	2	3	SSEALEPM[147]PFR	1
							2	VNEFGEVFPQSHHFSR	1
ATS20_HUMAN (P59510) ADAMTS-20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 20) (ADAM-TS 20) (ADAM-TS20) [MASS=214655]	*	1.41	*	*	*	2	3	SSEALEPM[147]PFR	1
							2	VNEFGEVFPQSHHFSR	1

ATS8_HUMAN (Q9UP79) ADAMTS-8 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 8) (ADAM-TS 8) (ADAM-TS8) (METH-2) (METH-8) [MASS=96671]	*	1.46	*	*	*	1	2	C[330]GVC[339]GGKGNSC[330]RK	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	*	0.88	*	*	*	1	3	TPDSGLAQHPFQNEDYR	1
AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	*	6.78	*	*	*	1	3	LVAAC[339]SAWLC[330]PGLRLPGSLAGR	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	0.00	6.82	0.19	0.00	1	3	3 FFC[330]LLLGPC[339]MLGKGYHEMGR 2 DDIVSM[147]DLGLINASLLPPEC[330]TR 3 STPAAIIFPLMLLGLVGVRKALER	1 1 1	
B3GN3_HUMAN (Q9Y2A9) UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (EC 2.4.1.-) (Beta3Gn-T3) (BGnT-3) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (Core1-beta3GlcNAcT) (Beta-1,3-galactosyltransferase 8) (Beta-1,3-GalTase 8) [MASS=42515]	*	5.65	*	*	*	1	2	C[330]AQPVFLLLVIKSSPSNYVRR	1
BARD1_HUMAN (Q99728) BRCA1-associated RING domain protein 1 (BARD-1) [MASS=86619]	0.00	9.65	0.66	0.00	1	4	3 DHAGWTPLEAC[330]NHGHLK 2 NAVNIFGLR 3 C[330]MLGILNGC[339]WILKFEWVKAC[339]LR 2 NSNM[147]SDEFISLSPGTPPSTLSSSSYR	1 1 1 1	
BAT5_HUMAN (O95870) Protein BAT5 (HLA-B-associated transcript 5) (Protein G5) [MASS=63112]	*	8.26	*	*	*	2	3 ALEKHADSILASVFWSISYYSSPFAFFYLYR 2 QHLNLNNAEQLC[339]R	1 1	

BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	*	3.13	*	*	*	2	2	GIC[339]PKQENIAGPC[330]R HM[147]KTHGQIGKEVYR	1 1
BCAR3_HUMAN (O75815) Breast cancer anti-estrogen resistance protein 3 (SH2 domain-containing protein 3B) (Novel SH2-containing protein 2) [MASS=92565]	*	6.42	*	*	*	3	2	GNLLRNKEK	2
							2	ERPWEPAQAQM[147]EK	1
							3	FMAEAADSYRM[147]NAERILAGFQPDEEM[147]NEIC[339]K	1
BCL6B_HUMAN (Q8N143) B-cell CLL/lymphoma 6 member B protein (Bcl6-associated zinc finger protein) (Zinc finger protein 62) [MASS=51618]	*	5.21	*	*	*	1	3	C[339]ETC[330]GSRFVQVAHLRAHVLHTGEK	1
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	*	6.00	*	*	*	1	3	FFWDNKFDDHAM[147]VAFLDC[330]VQQFKEEVEK	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	0.00	3.25	1.62	0.00	1	2	2	SWSEESLKPDSNEQGLPVFSGSPPMK	1
							3	YSLNMYKALLPQQSYSLAQPLYSPVC[330]TNGER	1
BDH_HUMAN (Q02338) D-beta-hydroxybutyrate dehydrogenase, mitochondrial precursor (EC 1.1.1.30) (BDH) (3-hydroxybutyrate dehydrogenase) [MASS=38157]	*	16.91	*	*	*	3	2	M[147]ANPARSPYC[330]ITKFGVEAFSDC[330]LR	1
							2	M[147]QIM[147]THLPGAISDMIYIR	1
							3	VVNISMLGRMANPAR	1
BGAT_HUMAN (P16442) Histo-blood group ABO system transferase (NAGAT) [Includes: Glycoprotein-fucosylgalactoside alpha-N-acetylgalactosaminyltransferase (EC 2.4.1.40) (Fucosylglycoprotein alpha-N-acetylgalactosaminyltransferase) (Histo-blood group A trans [MASS=40934]	*	6.21	*	*	*	1	3	PMILFLIMLVLVFGYGVLSPR	1
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	*	2.70	*	*	*	2	2	FNKEVMYAYVDQHDFSGK	1
							3	NLINQTTAKATLTQMLNVIFARMENQALQEA	1

BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	*	5.94	*	*	*	5	2	QRLGTAAPPKANFIEADK	1
							3	LTDQEIGDGKGLDMAR	1
							3	FKAHASM[147]YYPYLC[330]EIM[147]QFDLIPELR	1
							2	VLQEYTSDDMNVAPGDR	1
							3	RC[339]SVTSMESTVSSGTQTTVQDDPEQFEVIK	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	0.00	2.65	35.37	0.00	1	7	2	RVEIMAQC[339]EEWIADIQQYSSDK	1
							2	M[147]KTC[330]VDITYTNR	1
							2	M[147]PITADLVAPILR	1
							2	HFYLKR	1
							3	ETFTSWPHVGYRWAQPDPMAGFYHQPASSGDDR	1
							3	RVEIMAQC[330]EEWIADIQQYSSDKR	1
BIRC7_HUMAN (Q96CA5) Baculoviral IAP repeat-containing protein 7 (Kidney inhibitor of apoptosis protein) (KIAP) (Melanoma inhibitor of apoptosis protein) (ML-IAP) (Livin) [MASS=32798]	*	5.70	*	*	*	1	2	RPTLAWLEDSSSC[330]SDIPK	1
							3	PLTEEEEEEGAGATLSR	1
BPL1_HUMAN (P50747) Biotin--protein ligase (EC 6.3.4.-) (Biotin apo-protein ligase) [Includes: Biotin--[methylmalonyl-CoA-carboxytransferase] ligase (EC 6.3.4.9); Biotin--[propionyl-CoA-carboxylase [ATP-hydrolyzing]] ligase (EC 6.3.4.10) (Holocarboxylase) [MASS=80759]	*	2.48	*	*	*	1	3	YEVLREILTTLGLSC[339]DMK	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	*	1.73	*	*	*	3	2	EAC[339]KDLELAC[339]ETIEITAAPK	1
							3	EQGLTLPLYQSPVKELDKFK	1
							2	AGKEEFYRALC[339]DTPGVDPK	1
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	*	2.36	*	*	*	1	3	ANC[330]YTAFHVTC[339]AQKAGLYM[147]KMEPVK	1
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	0.00	8.25	0.89	0.17	3	5	3	LSNPLDIC[330]YDVLC[330]ENAYFQKFQLER	1
							3	LVATNMIANGKLAEGVQLLC[330]LIDKAADAC[339]R	1
							3	WVDHLC[330]SPQVNQK	1
							2	ILDVDWC[330]TSDK	1
							2	ALLVLLSLGC[330]FFSVAETLHSMR	1
							2	ALLVLLSLGC[330]FFSVAETLHSM[147]R	1
BTBD8_HUMAN (Q5XKL5) BTB/POZ domain-containing protein 8 [MASS=42774]	0.00	6.08	0.98	0.00	1	1	2	M[147]ARC[330]GEGSAAPMVLLGSAGVC[330]SK	1

BTBD9_HUMAN (Q96Q07) BTB/POZ domain-containing protein 9 [MASS=69187]	0.00	4.41	0.10	0.00	1	1	2	IVGTHNTANEFVHC[330]VHFEC[330]PEQQSSQK	1
BUB1_HUMAN (O43683) Mitotic checkpoint serine/threonine-protein kinase BUB1 (EC 2.7.11.1) (hBUB1) (BUB1A) [MASS=122374]	*	5.62	*	*	*	4	3	PVSSYPNTFEWQC[330]KLPAIK	1
							2	EGC[330]ETHK	1
							3	SSGAWGVNKKISSLSSAFHVFEDGNK	1
							3	HEQWVNEDR	1
C163B_HUMAN (Q9NR16) Scavenger receptor cysteine-rich type 1 protein M160 precursor (CD163 antigen-like 1) (CD163b antigen) [MASS=159263]	0.20	2.27	1.26	0.00	1	2	2	QLGC[339]GENGVVSLAPLSK	1
							2	SDAGVIC[330]SDKADLDR	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	0.99	9.57	1.11	0.05	2	1	3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	2
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.03	0.02	4	1	2	SLC[330]LGPALIHTAK	2
							2	SLC[339]LGPALIHTAK	2
CABL2_HUMAN (Q9BTV7) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	0.00	3.56	*	*	*	1	2	C[339]SLEFLEDAVGC[330]APAQR	1
CAC1E_HUMAN (Q15878) Voltage-dependent R-type calcium channel subunit alpha-1E (Voltage-gated calcium channel subunit alpha Cav2.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 6) (Brain calcium channel II) (BII) [MASS=261728]	*	3.59	*	*	*	4	3	SNSSWLEEFISM[147]ERSSENTYKSR	1
							2	HHM[147]SM[147]WEPRSSHLRER	1
							3	ETGKAM[147]VPHSSMFIFSTTNPIRR	1
							3	NAPMFQRMEPSSLPQEIIANAK	1
CAC1F_HUMAN (O60840) Voltage-dependent L-type calcium channel subunit alpha-1F (Voltage-gated calcium channel subunit alpha Cav1.4) [MASS=219494]	*	3.10	*	*	*	3	3	M[147]HKTC[339]YFLGSDMEAEEDPSPC[330]ASSGSGR	1
							3	PGDAPHTGGKPGGFDVKALR	1
							3	QC[339]VEYALKAQPLR	1
							3	M[147]HKTC[330]YFLGSDM[147]EAEEDPSPC[339]ASSGSGR	1

CAC1G_HUMAN (O43497) Voltage-dependent T-type calcium channel subunit alpha-1G (Voltage-gated calcium channel subunit alpha Cav3.1) (Cav3.1c) (NBR13) [MASS=262470]	*	3.24	*	*	*	5	2	QRESQLMREQR	1
							2	HKYNFDNLGQALM[147]SLFVLASK	1
							2	M[147]DEEEDGAGAEESGQPR	1
							1	ILGM[147]LR	1
							2	ALRPDDPPLDGDDADDEGNLSK	1
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.99	8.16	0.72	0.03	2	4	3	TSIRDPC[330]AGPVC[330]DC[330]KR	1
							3	SFSGVLDC[330]GNC[339]SRIFHGEK	1
							3	GTC[339]PC[339]DTRLLIQAEQTS DGNPC[330]DM[147]VK	1
							3	FTLC[330]PNGYYFAIDPNGYVLLHPNLQPK	1
CAD15_HUMAN (P55291) Muscle-cadherin precursor (M-cadherin) (Cadherin-15) (Cadherin-14) [MASS=88915]	*	3.81	*	*	*	2	3	DYDPEDWLQVDAATGR	1
							3	HPTALSLPLGPPPLR	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	0.99	2.03	0.96	0.00	1	1	2	C[330]GEDYKLHFIFR	1
CAPS1_HUMAN (Q9ULU8) Calcium-dependent secretion activator 1 (Calcium-dependent activator protein for secretion 1) (CAPS-1) [MASS=152786]	*	3.47	*	*	*	3	3	LQGVLDSTLNSKTYETIR	1
							3	GC[339]HRHLC[339]YLRDLLER	1
							2	FVTILEGVLA KLSR	1
CAR10_HUMAN (Q9BWT7) Caspase recruitment domain-containing protein 10 (CARD-containing MAGUK protein 3) (Carma 3) [MASS=115945]	*	5.43	*	*	*	5	2	IEGVRHRLAR	1
							3	ILLDILEHDWR	1
							3	LSILFPFPSAGSILR	1
							1	PEGLLAR	1
							2	ARGPPPGAE EKEK	1
CAR11_HUMAN (Q9BXL7) Caspase recruitment domain-containing protein 11 (CARD-containing MAGUK protein 3) (Carma 1) [MASS=132641]	*	3.75	*	*	*	3	3	DLIKSNIYPIVLFIR	1
							3	SRSSIMSITAEP PGND SIVRR	1
							1	SLPDS DK	4
CASC5_HUMAN (Q8NG31) Protein CASC5 (Cancer susceptibility candidate gene 5 protein) (ALL1-fused gene from chromosome 15q14) (AF15q14) (D40/AF15q14 protein) [MASS=265191]	*	5.25	*	*	*	7	3	TIYSGEENMDITKSHTVAIDNQIFK	1
							3	KNEIKFSDTTQDR	1
							3	TVFYSSC[339]NDAMEMTKC[339]LSNMREEK	1
							3	AQVESC[339]QLNNR	1
							3	TIVFSEDDKNDM[147]DITKSYTIEINHR	1
							3	TPSSC[330]SSSLDSIK	1
							1	VRRC[339]SLGIFLPR	1

CASR_HUMAN (P41180) Extracellular calcium-sensing receptor precursor (CaSR) (Parathyroid Cell calcium-sensing receptor) [MASS=120673]	0.00	3.90	0.82	0.00	1	3	2	NTIEEVRC[339]STAAHAFK	1
							3	C[339]PDDFWSNENHTSC[330]IAK	1
							2	LLSNKNQFK	1
CATL2_HUMAN (O60911) Cathepsin L2 precursor (EC 3.4.22.43) (Cathepsin V) (Cathepsin U) [MASS=37329]	*	5.69	*	*	*	1	2	HGFTMAMNAFGDM[147]TNEEFR	1
CATS_HUMAN (P25774) Cathepsin S precursor (EC 3.4.22.27) [MASS=37495]	*	8.76	*	*	*	1	3	LVC[339]VLLVC[339]SSAVAQLHKDPTLDHHWHLWK	1
CCD37_HUMAN (Q494V2) Coiled-coil domain-containing protein 37 [MASS=71117]	*	8.51	*	*	*	3	2	QWVTTM[147]M[147]M[147]SITK	1
							2	NSLESM[147]NISSSSSTEENPKKQAR	1
							3	M[147]SEIPSTIVSKNM[147]TNDK	1
CCNG1_HUMAN (P51959) Cyclin-G1 (Cyclin-G) [MASS=34074]	*	16.95	*	*	*	2	2	VC[330]GLRLIESAHDNGLRMTAR	1
							3	MIEVLTTTDSQKLLHQLNALLEQESRC[339]QPK	1
CCR6_HUMAN (P51684) C-C chemokine receptor type 6 (C-C CKR-6) (CC-CKR-6) (CCR6) (LARC receptor) (GPR-CY4) (GPRCY4) (Chemokine receptor-like 3) (CKR-L3) (DRY6) (G-protein coupled receptor 29) (CD196 antigen) [MASS=42494]	0.00	5.61	0.17	0.00	1	1	2	GIYAINFNC[330]GMLLLTC[330]ISM[147]DR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.54	0.19	4	2	3	LRENELTYYC[330]C[330]K	1
							2	LRENELTYYC[330]C[330]K	1
							2	FEHC[330]NFNDVTTR	1
							2	LRENELTYYC[339]C[339]K	1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	1.00	16.53	0.48	0.16	6	2	2	TFHETLDC[339]C[339]GSSTLTALTTSVLK	1
							2	TFHETLDC[330]C[330]GSSTLTALTTSVLK	2
							2	NNLC[330]PSGSNIISNLFK	2
							2	NNLC[339]PSGSNIISNLFK	1
CD82_HUMAN (P27701) CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1) (Suppressor of tumorigenicity-6) (Tetraspanin-27) (Tspan-27) [MASS=29625]	0.00	7.49	1.07	0.00	1	1	2	TQSGNHPEDWPVYQEGC[330]M[147]EK	1

CD86_HUMAN (P42081) T-lymphocyte activation antigen CD86 precursor (Activation B7-2 antigen) (CTLA-4 counter-receptor B7.2) (B70) (FUN-1) (BU63) [MASS=37696]	*	8.51	*	*	*	2	3 2 2	EKFDSVHSKYMGR C[339]GTNTM[147]ERESESEQTK C[339]GTNTMERESESEQTK	1 1 1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	11.01	0.99	0.10	3	1	3 3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	1 2
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.00	25.65	*	*	*	3	3 2 2	M[147]QTIKC[330]VVVG DGAVGK GLKNVFDEAILAALPPETQPK C[330]VVVG DGAVGK	1 1 1
CDK5_HUMAN (Q00535) Cell division protein kinase 5 (EC 2.7.11.22) (Tau protein kinase II catalytic subunit) (TPKII catalytic subunit) (Serine/threonine-protein kinase PSSALRE) [MASS=33304]	*	3.08	*	*	*	1	2	LHDVLHSDK	1
CDK6_HUMAN (Q00534) Cell division protein kinase 6 (EC 2.7.11.22) (Serine/threonine-protein kinase PLSTIRE) [MASS=36938]	*	5.52	*	*	*	1	2	LTLVFEHVDQDLTTYLDK	1
CDKL1_HUMAN (Q00532) Cyclin-dependent kinase-like 1 (EC 2.7.11.22) (Serine/threonine-protein kinase KKIALRE) (Protein kinase p42 KKIALRE) [MASS=41701]	*	8.12	*	*	*	1	3	HHC[330]FTETSKLQYLPQLTGSSILPALDNKK	1
CDON_HUMAN (Q4KMG0) Cell adhesion molecule-related/down-regulated by oncogenes precursor [MASS=139233]	*	2.56	*	*	*	3	2 1 2	SAGFIGC[339]RVPESNPK VPESNPK ANGGSPITAFK	1 3 1
CECR2_HUMAN (Q9BXF3) Cat eye syndrome critical region protein 2 [MASS=164214]	0.00	2.36	0.30	0.00	1	2	2 2	NAM[147]ASLQGC[339]ETLNAALTSPTR SSC[330]SESADNC[330]KAM[147]K	1 1
CELR1_HUMAN (Q9NYQ6) Cadherin EGF LAG seven-pass G-type receptor 1 precursor (Flamingo homolog 2) (hFmi2) [MASS=329484]	*	0.33	*	*	*	1	2	KHLKGVLGGR	1

CELR2_HUMAN (Q9HCU4) Cadherin EGF LAG seven-pass G-type receptor 2 precursor (Epidermal growth factor-like 2) (Multiple epidermal growth factor-like domains 3) (Flamingo 1) [MASS=317450]	0.00	3.42	1.53	0.00	1	5	2 HIDMADFIANNNGTVPGC[330]PAK 3 PAGTTVVLISATDEDTGENARITYFMEDSIPQFR 3 LYLNRSLLTAISAQR 1 GILKKK 3 HIDMADFIANNNGTVPGC[339]PAK 3 PIINTPVVVISVHDDEELLPRALDK	1 1 1 1 1 1
CELR3_HUMAN (Q9NYQ7) Cadherin EGF LAG seven-pass G-type receptor 3 precursor (Flamingo homolog 1) (hFmi1) (Multiple epidermal growth factor-like domains 2) (Epidermal growth factor-like 1) [MASS=358255]	*	3.96	*	*	*	6	2 NSRGPPEQPNEELGIEHGVQPLGSR 2 LQYPLVPQTRGAPELSWC[339]R 3 QEYVIVVQATSAPLVSR 3 IYAGGGTGSLSQPASRYSSREQLDLLLLR 3 MQVEPRNVDRGAMR 3 HGSAADHTDHS LQA HAGPTDLDVAMFHR	1 1 1 1 1 1
CENB1_HUMAN (Q15027) Centaurin-beta 1 (Cnt-b1) [MASS=81535]	*	7.03	*	*	*	4	3 KELGAQLHQLVLNSAR 2 DPVTVVVDDL R 1 ASNAFK 3 EAEAAQQGAGDETYLDIFR	1 1 1 1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	3.21	0.46	0.00	1	2	1 KFVSK 3 LM[147]C[330]ELGNDVINRVYEANVEK	1 1
CENB5_HUMAN (Q96P50) Centaurin-beta 5 (Cnt-b5) [MASS=84664]	*	6.59	*	*	*	2	2 M[147]AEEM[147]REAEAAPGPPGALAGSPTELQFR 2 VRLEPVLP C[339]VAALSSVGT LDRK	1 1
CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	*	1.47	*	*	*	2	2 VIEELNVVLQRSRTLPK 2 ALC[339]AAVVK	1 1
CEND2_HUMAN (Q96P48) Centaurin-delta 2 (Cnt-d2) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 1) [MASS=136263]	*	6.69	*	*	*	4	3 LSSAYLLGVPGSEQPD RAGSLELRGFK 3 PWSGAPETSHRPEK 3 KAETE QHIKVPASM[147]TAEELTLEILDR 3 AQEGWFSLSGSELR	1 1 1 1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitotin) (AH antigen) [MASS=367592]	*	2.52	*	*	*	4	3 QFQLDSLEAAPQKQTQKVENEK 2 ALQAKKASQTL PQATMNRH 2 NNYIVLQSSVNGLIQEVEDGK 3 NLENELELTKM[147]DKM[147]SFVEK	1 1 1 1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	0.00	11.73	0.39	0.00	1	3	2 NELQLEQSRANQEQRANDLEQIMESVK 3 NLQELLELDSSSSLC[339]VLVSTVGKLC[330]R 2 TEQEETIASLQM[147]EVC[330]R	1 1 1
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	*	2.25	*	*	*	1	3 SLLLC[330]LQGN YAGHDWFVSSLFMIMLGDK	1
CF182_HUMAN (Q8IYX8) Protein C6orf182 [MASS=53648]	*	8.04	*	*	*	2	3 QMKETESH SVC[330]DDIEC[339]ELEC[339]LLKK 3 LEKLDVLEKEC[330]FR	1 1

CFAB_HUMAN (P00751) Complement factor B precursor (EC 3.4.21.47) (C3/C5 convertase) (Properdin factor B) (Glycine-rich beta glycoprotein) (GBG) (PBF2) [Contains: Complement factor B Ba fragment; Complement factor B Bb fragment] [MASS=85532]	0.00	8.12	2.43	0.00	1	3	3	WSGQTAIC[330]DNGAGYC[330]SNPGIPIGTRKVGVSQYR	1
							2	LEDSVTYHC[339]SR	1
							3	QLNEINYEDHKLKSGTNTK	1
							2	C[339]EFQDAYVLLSEK	1
							2	DGKTLNDELEIIEGM[147]K	1
							2	AAVEEGIVLGGGC[330]ALLR	2
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	18.15	1.28	0.07	11	6	2	C[339]EFQDAYVLLSEKK	2
							2	C[330]IPALDSLTPANEDQK	1
							2	VVRTALLDAAGVASLLTTAEVVVTEIPK	1
							2	AAVEEGIVLGGGC[339]ALLR	2
							2	C[339]IPALDSLTPANEDQK	2
							2	C[330]EFQDAYVLLSEK	1
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	29.52	1.17	0.04	4	5	2	ERIC[330]SEEER	1
							2	YESHPVC[339]ADLQAK	1
							2	C[339]SALATQYM[147]HC[339]VNHAKQSM[147]LEK	1
							2	EQLARLEER	1
							2	RYESHPVC[339]ADLQAK	1
							2	RYESHPVC[330]ADLQAK	1
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	0.00	3.40	1.49	0.00	1	1	2	C[330]VSAAHKG	1
CHD1_HUMAN (O14646) Chromodomain-helicase-DNA-binding protein 1 (EC 3.6.1.-) (ATP-dependent helicase CHD1) (CHD-1) [MASS=196517]	*	3.57	*	*	*	4	3	EKSSC[339]DETESDYEPKNK	1
							2	ALSKGSKGSTSGFLNIMM[147]ELK	1
							1	VLIFSQMVR	1
							3	SSGKLILLDKLLIR	1
							3	ASSPTKTSPTTPEASATNSPC[339]TSKPATPAPSEK	1
							1	GKKM[147]APLK	1
CHD3_HUMAN (Q12873) Chromodomain helicase-DNA-binding protein 3 (EC 3.6.1.-) (ATP-dependent helicase CHD3) (CHD-3) (Mi-2 autoantigen 240 kDa protein) (Mi2-alpha) (Zinc-finger helicase) (hZFH) [MASS=226590]	0.00	7.20	*	*	*	8	3	EQGHRVLIFSQMTKM[147]LDLLEDFLDYEGYK	1
							3	DDIRLLPSALGVK	1
							1	KMAPLKIK	1
							3	EDQIKKLHDLLGPHM[147]LR	1
							2	KIPLEDEVPGVPGEM[147]EPEPGYR	1
							2	HRELIM[147]GEDPAQPR	1

CHD8_HUMAN (Q9HCK8) Chromodomain-helicase-DNA-binding protein 8 (EC 3.6.1.-) (ATP-dependent helicase CHD8) (CHD-8) (Helicase with SNF2 domain 1) [MASS=262315]	*	2.91	*	*	*	3	2	EAC[330]HIIPHDFHLQAM[147]VRSAGK	1
							2	VKSQSTFDIHKADWIR	1
							3	VLSASEVAALSSPASSAPHSGGKTGM[147]EENR	1
CHIC1_HUMAN (Q5VXU3) Cysteine-rich hydrophobic domain 1 protein (Brain X-linked protein) [MASS=25616]	*	6.25	*	*	*	1	3	VNAC[330]LKKALPVNVK	1
CHMP3_HUMAN (Q9Y3E7) Charged multivesicular body protein 3 (Chromatin-modifying protein 3) (Vacuolar protein sorting 24) (hVps24) (Neuroendocrine differentiation factor) [MASS=24942]	*	4.98	*	*	*	1	2	GQKDVC[339]IVLAK	1
CHSS3_HUMAN (Q70JA7) Chondroitin sulfate synthase 3 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II) (Chondroitin synthase 2) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase [MASS=100356])	*	4.99	*	*	*	2	3	LGLEPGENFC[330]M[147]GGPGM[147]IFSR	1
							3	LGLEPGENFC[339]M[147]GGPGM[147]IFSREVL	1
CHSTE_HUMAN (Q8NCH0) Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D4ST-1) (hD4ST) [MASS=42997]	*	5.05	*	*	*	1	2	AGAGPSPAGDDVTFPEFLR	1
CI004_HUMAN (Q9P0K9) Protein C9orf4 (Brain protein CG-6) [MASS=37270]	0.00	9.88	0.76	0.00	1	3	2	IKVDDC[339]GK	1
							2	AGGLGGGSVPAR	1
							2	AGGLGGGSVPARAR	1
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	*	5.22	*	*	*	3	3	TLDQRRALVM[147]QLFQDHGFFPSAQATAAFQAR	1
							2	C[330]KERVTDSESGDSSGEDPEGNK	1
							3	LDSETESDHDDAFLSIM[147]SPEIQLPLPPGKRR	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.79	5.58	1.32	0.00	1	2	1	LPC[339]VAAK	1
							3	TVVGQITVDDMM[147]YGGMRGMK	1
							1	LPC[330]VAAK	1
CJ067_HUMAN (Q8IYJ2) Protein C10orf67 [MASS=21463]	*	11.41	*	*	*	1	2	WVHC[330]FSSSLRGTFGTRWEAMK	1

								2	IVHAFDM[147]EDLGDKAVYC[339]R	1
								2	IVHAFDM[147]EDLGDKAVYC[330]R	1
								3	KFPFC[339]DGAHTK	1
								2	AVYC[330]R	1
								2	KFPFC[330]DGAHTK	3
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	40.74	1.12	0.06	12	4				
								2	FPFC[339]DGAHTK	1
								2	KFPFC[339]DGAHTK	2
								1	FPFC[339]DGAHTK	1
								2	IVHAFDMEDLGDKAVYC[330]R	1
								2	FPFC[330]DGAHTK	1
CJ084_HUMAN (Q9H8W3) Protein C10orf84 [MASS=27021]	*	7.30	*	*	*	1		2	ELGVKIAKAVAC[339]HNFVK	1
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator- binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	0.00	2.38	0.36	0.00	1	3		3	YPM[147]ESDNSFDLFDSSQAVTPK	1
								2	GGC[330]KNGYLRLHTESK	1
								2	LHKKLFEQEK	1
CLC10_HUMAN (Q8IUN9) C-type lectin domain family 10 member A (C-type lectin superfamily member 14) (Macrophage lectin 2) (CD301 antigen) [MASS=35446]	*	2.53	*	*	*	1		2	EEQNFVQK	1
CLD6_HUMAN (P56747) Claudin-6 (Skullin 2) [MASS=23291]	0.00	14.09	0.90	0.00	1	1		3	M[147]ASAGM[147]QILGVVLTLLGWVNGLVSC[330]ALPMWK	1
								2	YESLELC[330]RPVLQQGR	1
								2	RDPHLAC[330]VAYER	1
								2	IHEGC[330]EEPATHNALAK	1
								3	HNIM[147]DFAMPYFIQVMKEYLTK	1
								2	RDPHLAC[339]VAYER	1
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	5.79	0.51	0.18	9	6		2	IHEGC[339]EEPATHNALAK	1
								3	IHEGC[330]EEPATHNALAK	1
								3	IHEGC[339]EEPATHNALAK	1
								3	VNPSRLPVVIGLLDVDC[330]SESVIK	1
								3	RDPHLAC[330]VAYER	1
								2	AHIAQLC[330]EK	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	0.00	3.05	*	*	*	2		3	C[339]NEPAVWSQLAQAQLQK	1
								3	GYFEELILLLEAALGLERAHM[147]GMFTELAILYSK	1
CLIC6_HUMAN (Q96NY7) Chloride intracellular channel 6 [MASS=73011]	0.00	3.12	0.73	0.00	1	1		2	DEFTNTC[330]PADQEIEHAYSDVAK	1

CM007_HUMAN (Q5W0B1) Protein C13orf7 [MASS=811116]	*	6.20	*	*	*	2	3	TSSEASMDAAYLDKISELDSMMSESDNSK	1
							2	IQSSLSSASPSKATKS	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	10.32	1.01	0.02	5	4	2	AGQTTYSGVIDC[330]FRK	1
							3	NIFLQYASTEVDGERYMTPEDFVQR	1
							2	AGQTTYSGVIDC[339]FRK	1
							2	AGQTTYSGVIDC[330]FR	1
							2	DIPFSAIYFPVYAHC[330]K	2
CMC2_HUMAN (Q9UJS0) Calcium-binding mitochondrial carrier protein Aralar2 (Mitochondrial aspartate glutamate carrier 2) (Solute carrier family 25 member 13) (Citrin) [MASS=74175]	0.00	2.52	*	*	*	1	2	TGRVTAIDFRDIMVTIR	1
							3	IQDTLDLVMKTLSSHTSC[339]PK	1
							3	IC[330]SFTTFM[147]RNK	5
CN050_HUMAN (Q96LQ0) Protein C14orf50 [MASS=49440]	0.00	10.43	1.63	0.00	1	3			
							3	YC[339]ILVLGLAVPDK	1
CN145_HUMAN (Q6ZU80) Protein C14orf145 [MASS=73571]	*	3.21	*	*	*	1	2	EKDELKTQLYAALQQIENLR	1
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	0.00	6.17	1.07	0.00	1	2	3	PNIRNTSSM[147]AGELR	1
							3	AC[339]C[339]SLGGEQGQPVHM[147]GDPELLGIK	1

CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	19.71	0.95	0.09	33	6	2	RPPGVLHC[339]TTK	4					
							3	AHITLGC[339]AADVEAVQTGLDLLEILR	3					
							3	DKPELQFPFLQDEDTVATLLEC[330]K	2					
							2	AHITLGC[330]AADVEAVQTGLDLLEILR	2					
							3	RPPGVLHC[330]TTK	1					
							3	DKPELQFPFLQDEDTVATLLEC[339]K	3					
							2	RLDEDLAAYC[330]R	1					
							1	FC[330]DYGK	4					
							2	DKPELQFPFLQDEDTVATLLEC[339]K	1					
							2	DKPELQFPFLQDEDTVATLLEC[330]K	2					
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	19.71	0.95	0.09	33	6	2	RPPGVLHC[330]TTK	4					
							2	LDC[330]AQLK	1					
							2	AHITLGC[339]AADVEAVQTGLDLLEILR	2					
							3	RPPGVLHC[339]TTK	1					
							3	AHITLGC[330]AADVEAVQTGLDLLEILR	3					
							2	VII EC[330]KPK	1					
							2	NDGGIYTC[330]FAENNR	2					
							2	PGRPVPGYR	1					
							2	C[330]SPNM[147]C[330]EHDGR	1					
							2	C[339]SPNM[147]C[339]EHDGR	1					
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	1.00	2.16	0.53	0.17	3	2	3	PMTAEALAEALRVQGELSESNC[339]GAM[147]PR	1					
							2	LNLDTEM[147]FIGGLVGAARK	1					
							0.77	4.62	0.85	0.02	2	4		

CO7A1_HUMAN (Q02388) Collagen alpha-1(VII) chain precursor (Long-chain collagen) (LC collagen) [MASS=295217]	*	3.36	*	*	*	6	3	GPEASVTQTPVC[330]PRGLADVFLPHATQDNAHR	1
							1	EGRDGPK	1
							2	AGGVGEAGRPGERGER	1
							2	GEPGSNGDQGPK	1
							2	FGTREAC[339]ER	1
COE4_HUMAN (Q9BQW3) Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (OE-4) (O/E-4) [MASS=68360]	*	6.37	*	*	*	2	2	IRDMPYMDPSGNNLGTAVVTAHR	1
							3	FQVVVSTTVSVDGHVLAVSDNM[147]FVHNNSKHGR	1
							2	LRPRAAPPK	1
							2	M[147]LPDKDC[330]R	2
							2	M[147]LPDKDC[339]R	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	13.33	0.51	0.27	5	2	2	HELQANC[330]YEEVKDR	1
							2	MLPDKDC[339]R	1
							2	MLPDKDC[339]R	1
							2	MLPDKDC[339]R	1
							2	MLPDKDC[339]R	1
COG5_HUMAN (Q9UP83) Conserved oligomeric Golgi complex component 5 (13S Golgi transport complex 90 kDa subunit) (GTC-90) (Golgi transport complex 1) [MASS=92718]	*	2.38	*	*	*	1	3	MRLAADFAQMELAVGPFC[339]RR	1
							3	ALDDKNC[330]WEKLGEVALLQGNHQIVEMC[339]YQR	1
							3	ASNLENSTYDLYTIPKDADSQNPDAPGKR	1
							2	LGEVALLQGNHQIVEM[147]C[339]YQRTK	1
							3	NC[330]WEKLGEVALLQGNHQIVEMC[330]YQR	1
COPA_HUMAN (P53621) Coatomer subunit alpha (Alpha-coat protein) (Alpha-COP) (HEPCOP) (HEP-COP) [Contains: Xenin (Xenopsin-related peptide); Proxenin] [MASS=138331]	*	8.74	*	*	*	4	2	ATFYLNVLEQKQK	1
							2	YIRFIYNR	1
							2	VM[147]KLNFEAAWDEVGDEFEEKFTLSTIK	1
							2	EM[147]SC[330]IAEDVIIIVTSSLTKDM[147]TGKEDNYR	1
							3	RC[339]VM[147]DDDNEVRDR	1
COPG_HUMAN (Q9Y678) Coatomer subunit gamma (Gamma-coat protein) (Gamma-COP) [MASS=97718]	*	10.41	*	*	*	5	2	FLC[339]LEFSQVNNPLISR	1
							2	FLC[339]LEFSQVNNPLISR	1
							2	FLC[339]LEFSQVNNPLISR	1
							2	FLC[339]LEFSQVNNPLISR	1
							2	FLC[339]LEFSQVNNPLISR	1
COQ5_HUMAN (Q5HYK3) Ubiquinone biosynthesis methyltransferase COQ5, mitochondrial precursor (EC 2.1.1.-) [MASS=37140]	0.00	4.89	1.20	0.00	1	1	2	FLC[339]LEFSQVNNPLISR	1
							2	FLC[339]LEFSQVNNPLISR	1
							2	FLC[339]LEFSQVNNPLISR	1
							2	FLC[339]LEFSQVNNPLISR	1
							2	FLC[339]LEFSQVNNPLISR	1
CORO7_HUMAN (P57737) Coronin-7 (70 kDa WD repeat tumor rejection antigen homolog) [MASS=100574]	0.26	4.97	0.54	0.72	2	2	2	TEC[339]DVREVELMRC[339]LR	1
							3	VAHLGC[339]HSDLVTDLDFSPFDDFLLATGSADR	1
							2	TEC[339]DVREVELMRC[339]LR	1
							3	VAHLGC[339]HSDLVTDLDFSPFDDFLLATGSADR	1
							3	VAHLGC[339]HSDLVTDLDFSPFDDFLLATGSADR	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	4.65	1.25	0.02	2	1	2	C[339]GAHYK	1
							1	C[339]GAHYK	1
							2	C[339]GAHYK	1
							1	C[339]GAHYK	1
							1	C[339]GAHYK	1

COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	0.99	26.98	0.98	0.00	1	1	2	M[147]C[339]LYFGSAFATPFLVVR	1
CPLX1_HUMAN (O14810) Complexin-1 (Complexin I) (CPX I) (Synaphin-2) [MASS=15030]	*	14.93	*	*	*	2	2 1	MEFVMKQALGGATK QGIRDK	1 1
CPLX2_HUMAN (Q6PUV4) Complexin-2 (Complexin II) (CPX II) (Synaphin-1) [MASS=15394]	0.99	11.19	0.43	0.11	2	1	2	AALEQPC[330]EGSLTRPK	2
CPNE3_HUMAN (O75131) Copine-3 (Copine III) [MASS=60130]	0.62	10.06	2.62	0.00	1	3	2 2 2	SC[330]LPQIKLYGPTNFSPINHVAR EALAQC[339]VLAEIPQQVVGYPNTYK NSGVISVK	1 1 1
CPNE6_HUMAN (O95741) Copine-6 (Copine VI) (Neuronal-copine) (N-copine) [MASS=61991]	*	1.62	*	*	*	1	2	VSC[330]HGLLDR	1
CRSP8_HUMAN (Q6P2C8) CRSP complex subunit 8 (Cofactor required for Sp1 transcriptional activation subunit 8) (Transcriptional coactivator CRSP34) (P37 TRAP/SMCC/PC2 subunit) [MASS=35432]	0.00	5.47	0.82	0.00	1	1	2	C[330]GKFLQDGLPPTWRDFR	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	3.12	1.70	0.00	2	1	2 2	HEQNIDC[339]GGGYVK HEQNIDC[330]GGGYVK	1 1
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.98	2.87	0.61	0.00	1	1	2	GVKPAHC[330]EK	1
CS016_HUMAN (Q8ND99) Uncharacterized protein C19orf16 [MASS=60172]	*	11.29	*	*	*	3	2 2 3	TQETDVVEM[147]TTQAKSPESPFTVTKK EKAGPM[147]GSHQGP GPPPC[339]QK ASAASASPRKASAVPAPPQK	1 1 1
CSDE1_HUMAN (O75534) Cold shock domain-containing protein E1 (UNR protein) (N-ras upstream gene protein) [MASS=88884]	*	1.88	*	*	*	1	2	GPDNSMGFGAERKIR	1
CSK11_HUMAN (Q8WXD9) Caskin-1 (CASK-interacting protein 1) [MASS=149813]	0.00	5.31	0.94	0.00	1	3	3 2 2	GSGGHALHAGSEGVKLLATVLSQKSVSESGPGDSPAK TLSGPVTGLLATARR AGDIITVLEQHPDGRWKGK[330]IHDNR	1 1 1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	*	0.56	*	*	*	1	2	EAC[330]FDPGNIM[147]NGTRVGTDFK	1

CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	3.65	0.48	0.17	6	7	3	SPQETYDVYC[330]YVDHLDGDVFHLTVPSK	1
							2	ILVEGISTVIYPSLQTEMTHR	1
							3	MFEHDFRWTDGSTLQYENWR	1
							2	AQC[339]GGGLLGVR	1
							2	FTFEEAAKEC[330]JENQDAR	1
							3	FTFEEAAKEC[330]JENQDAR	1
							2	FTFEEAAKEC[339]JENQDAR	1
							3	VGHDYQWIGLNDKM[147]FEHDFR	1
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	1.00	3.10	0.54	0.49	5	3	2	FDAYC[330]FKPK	1
							3	LGSGSVQAALAEVALPC[330]LFTLQPR	1
							2	C[330]GGPAPGVR	1
							2	FQGHG[330]YR	1
							2	LGSGSVQAALAEVALPC[330]LFTLQPR	1
CSR2B_HUMAN (Q9H8E8) Cysteine-rich protein 2-binding protein (CSRP2-binding protein) (CRP2BP) (CRP2-binding partner) [MASS=88801]	0.27	4.73	2.28	0.00	1	2	2	FQGHG[339]YR	1
							2	TSTWWSTVAGC[339]LSVGSPM[147]YFR	1
CT135_HUMAN (Q9H3Z7) Uncharacterized protein C20orf135 [MASS=52554]	*	2.56	*	*	*	1	2	DYETKPPKLQLLSQIR	1
							2	GNELLRLLEHR	1
CTBP1_HUMAN (Q13363) C-terminal-binding protein 1 (EC 1.1.1.-) (CtBP1) [MASS=47535]	0.99	7.50	0.47	0.00	1	1	3	SAGDLGIAVC[330]NVPAASVEETADSTLC[330]HILNLYR	1
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	1.00	4.25	0.75	0.00	2	2	2	DGDC[330]PAVLIPSKPLAR	1
							2	C[330]QFAFYGGESGYHR	1
CTN1_HUMAN (P35221) Alpha-1 catenin (Cadherin-associated protein) (Alpha E-catenin) (NY-REN-13 antigen) [MASS=100071]	*	1.32	*	*	*	1	3	LLILADMADVYK	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	*	2.82	*	*	*	1	3	HQEAEMAQNAVRLHYGLPVVVK	1
							3	C[330]FEEC[339]FRPVK	1
							3	PFRVLISLLDKPEIGPQVVGNLFLFLEVIR	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	*	5.27	*	*	*	7	3	EQKMYMLGTNHQLTVK	1
							2	SIIDHLLTHEKTM[147]FK	1
							3	QKILDFLNPLTAHLGVQLTAAVAVWSR	1
							2	TPNLENK	1
							2	RPVDLLGATKGSSSVYFK	1

CU055_HUMAN (Q9NX36) J domain-containing protein C21orf55 [MASS=45805]	*	5.93	*	*	*	2	2 1	AYRKVLSHVIEQTNASQSK EYYR	1 1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	*	4.08	*	*	*	1	2	DGEYGINFDPGSKVLRK	1
CUGB1_HUMAN (Q92879) CUG triplet repeat RNA-binding protein 1 (CUG-BP1) (RNA-binding protein BRUNOL-2) (Deadenylation factor CUG-BP) (50 kDa Nuclear polyadenylated RNA-binding protein) (EDEN-BP) [MASS=52063]	*	6.58	*	*	*	2	2 1	AMHQAQTMEGC[330]SSPM[147]VVKFADTQK SKNDSKPY	1 1
CUTA_HUMAN (O60888) Protein CutA precursor (Brain acetylcholinesterase putative membrane anchor) (Acetylcholinesterase-associated protein) [MASS=19116]	0.00	11.73	3.97	0.00	1	1	3	RLAAC[339]VNLI PQITSIYEWK GK	1
CUTL1_HUMAN (P39880) Homeobox protein cut-like 1 (CCAAT displacement protein) (CDP) [MASS=164271]	*	2.13	*	*	*	2	3 2	ASETGSDEAIKSILEQAK LAKNGIC[339]QRIFGEK	1 1
CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	0.00	3.07	0.23	0.00	1	2	2 2 2	RLEC[330]IHFGPVFFGSSK NYAPVAM[147]LQSAMTR HGGEDYVFSLLTGYC[339]EPPTGVSLR	1 1 2
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	16.62	1.04	0.05	6	4	2 2 2 2 2	HLVGVC[330]YTEDEAK HLVGVC[339]YTEDEAK HGGEDYVFSLLTGYC[330]EPPTGVSLR GAGLPGARAR DVC[330]TFLR	1 1 1 1 1
CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	*	11.64	*	*	*	1	3	TQPNLDNC[330]PFHDQPHLK	2
D1IP_HUMAN (Q9NYX4) D1 dopamine receptor-interacting protein calcyon [MASS=23434]	*	41.01	*	*	*	3	3 3 3	TQTEYQLSSPDQQNFPDLEGQRLNC[339]SHPEEGR DPGDQDGAAM[147]DSVPLISPLDISQLQPPLPDQVVIK HKIC[339]TPLTLEM[147]YYTEM DPERHR	1 1 1
DAPK1_HUMAN (P53355) Death-associated protein kinase 1 (EC 2.7.11.1) (DAP kinase 1) [MASS=160220]	*	2.58	*	*	*	2	2 2	TDVILILELVAGGELFDFLAEK LFVLDAGASGSKDMK	1 1

DAPK3_HUMAN (O43293) Death-associated protein kinase 3 (EC 2.7.11.1) (DAP kinase 3) (DAP-like kinase) (Dlk) (ZIP-kinase) [MASS=52535]	*	3.74	*	*	*	1	2	LENRYEALAKQVASEM[147]R	1
DAXX_HUMAN (Q9UER7) Death domain-associated protein 6 (Daxx) (hDaxx) (Fas death domain-associated protein) (ETS1-associated protein 1) (EAP1) [MASS=81372]	*	2.43	*	*	*	1	3	LC[330]ELKDC[339]SSLTGRVIEQR	1
DB110_HUMAN (Q30KR0) Beta-defensin 110 precursor (Defensin, beta 110) (Beta-defensin 10) (DEFB-10) [MASS=7672]	0.00	24.19	0.83	0.00	1	1	3	TFC[330]DDVEYDYGVC[330]IK	1
DC12_HUMAN (Q96FZ2) UPF0361 protein DC12 [MASS=40575]	*	5.37	*	*	*	2	1 2	VWDNWR C[330]VVLADGFYEWQR	1 1
DCAK2_HUMAN (Q8N568) Serine/threonine-protein kinase DCAMKL2 (EC 2.7.11.1) (Doublecortin-like and CAM kinase-like 2) [MASS=83639]	*	2.87	*	*	*	1	2	SLSDNVNLPQGVRTIYTIDGSR	1
DCE2_HUMAN (Q05329) Glutamate decarboxylase 2 (EC 4.1.1.15) (Glutamate decarboxylase, 65 kDa isoform) (GAD-65) (65 kDa glutamic acid decarboxylase) [MASS=65411]	*	17.61	*	*	*	4	2 2 3 3	EEGLMQNC[330]NQMHASYLFQQDK IWMHVDAAWGGGLMSR KMREIIGWPGSGDGFSPGGAISNMYAM[147]MIAR VNFFRMVISNPAATHQDIDFLIEEIERLGQDL	1 1 1 1
DCUP_HUMAN (P06132) Uroporphyrinogen decarboxylase (EC 4.1.1.37) (URO-D) (UPD) [MASS=40787]	*	4.36	*	*	*	1	3	LREAGLAPVPMIIFAK	1
DDR1_HUMAN (Q08345) Epithelial discoidin domain-containing receptor 1 precursor (EC 2.7.10.1) (Epithelial discoidin domain receptor 1) (Tyrosine kinase DDR) (Discoidin receptor tyrosine kinase) (Tyrosine-protein kinase CAK) (Cell adhesion kinase) (TRK E) [MASS=101127]	0.00	5.26	0.44	0.00	1	2	2 2	VLEEELTVHLSVPGDTILINNR AFQAM[147]QVHC[330]NNMHTLGARLPGGVEC[330]R	1 1
DDX46_HUMAN (Q7L014) Probable ATP-dependent RNA helicase DDX46 (EC 3.6.1.-) (DEAD box protein 46) (PRP5 homolog) [MASS=117460]	*	4.94	*	*	*	2	3 2	ASYPC[339]M[147]SLHGGIDQYDRDSIINDFKNGTC[330]K EGNEMEGEELDPLDAYMEEVK	1 1

DECR_HUMAN (Q16698) 2,4-dienoyl-CoA reductase, mitochondrial precursor (EC 1.3.1.34) (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH]) [MASS=36067]	0.00	20.00	1.29	0.00	1	3	2	LGTVEELANLAAFLC[339]SDYASWINGAVIK	1
							2	RFFSYGTKILYQNTALQSK	1
							3	KM[147]DVLKATAEQISSQTGNK	1
DEN1A_HUMAN (Q8TEH3) DENN domain-containing protein 1A [MASS=110576]	*	3.57	*	*	*	2	2	LYHQWLSTVRKGSGAILNTVK	1
							2	SSARAAETKQGLALR	1
DEST_HUMAN (P60981) Destrin (Actin-depolymerizing factor) (ADF) [MASS=18374]	0.99	7.32	0.57	0.00	1	1	2	HFVGM[147]LPEKDC[330]R	1
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	*	5.74	*	*	*	1	3	GSSKWM[147]ARTGVFLASAFFHEYLVSVPLR	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	0.00	3.18	0.19	0.00	1	2	3	QC[330]HQDGHQDHDTHHHHWR	1
							2	LRSLVLPPAC[330]VR	1
DGKZ_HUMAN (Q13574) Diacylglycerol kinase zeta (EC 2.7.1.107) (Diglyceride kinase zeta) (DGK-zeta) (DAG kinase zeta) [MASS=124122]	0.00	2.60	0.26	0.00	1	2	2	DLAKHIR	1
							2	SGLQHLAPPPPTPGAPC[330]SESER	1
DHB4_HUMAN (P51659) Peroxisomal multifunctional enzyme type 2 (MFE-2) (D-bifunctional protein) (DBP) (17-beta-hydroxysteroid dehydrogenase 4) (17-beta-HSD 4) [Includes: D-3-hydroxyacyl-CoA dehydratase (EC 4.2.1.107) (3-alpha,7-alpha,12-alpha-trihydroxy-5 [MASS=79555]	0.99	6.67	0.48	0.00	1	3	3	ARGNIM[147]LSQKLQM[147]ILK	1
							2	SNIHC[330]NTIAPNAGSR	1
							2	GNIM[147]LSQKLQMILKDYAK	1
DHDDS_HUMAN (Q86SQ9) Dehydrolipichyl diphosphate synthase (EC 2.5.1.-) (Dedol-PP synthase) [MASS=38689]	*	6.31	*	*	*	1	2	C[330]QVERQEGHSQGFKLAETLR	1

								3	AKPYEGSILEADC[339]DILIPAASEK	1
								2	AKPYEGSILEADC[339]DILIPAASEK	2
								3	AKPYEGSILEADC[330]DILIPAASEK	1
								2	IIKPC[339]NHVLSLSFPIR	1
								2	IIKPC[330]NHVLSLSFPIR	1
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	13.44	2.19	0.03	13	4		2	TFVVQGFGNVGLHSM[147]RYLHRFGAK	1
								2	C[339]AVVDVPFGGAK	3
								1	C[330]AVVDVPFGGAK	1
								1	C[339]AVVDVPFGGAK	1
								2	AKPYEGSILEADC[330]DILIPAASEK	2
DHE4_HUMAN	0.00	5.02	*	*	*	1		3	GVFHGIENFINEASYMSILGMTPGFRDK	1
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.96	5.33	0.57	0.00	1	1		2	GAVHQLC[330]QSLAGK	1
DHR11_HUMAN (Q6UWP2) Dehydrogenase/reductase SDR family member 11 precursor (EC 1.-.-.-) [MASS=28308]	0.00	16.92	5.62	0.00	1	2		3	C[339]LKPEDVAEAVIYVLSTPAHIQIGDIQMR	1
								2	DMFNVNVLALSIC[339]TR	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	16.87	1.08	0.07	6	5		3	GC[339]GPEKDHVYLQLHHLPPPEQLATR	1
								2	TYFSC[330]TSAHTSTGDGTAM[147]ITR	1
								3	AGLPC[339]QDLEFVQFHPTGIYGAGC[339]LITEGC[339]R	2
								3	AGLPC[339]QDLEFVQFHPTGIYGAGC[330]LITEGC[339]R	1
								2	TSELRLSMQKSMQNHAAVFR	1
								3	AGLPC[330]QDLEFVQFHPTGIYGAGC[330]LITEGC[330]R	1
								2	AAFGLSEAGFNTAC[339]VTK	1
								2	C[330]HTIM[147]NC[330]TR	2
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	11.43	1.06	0.05	6	2		2	C[330]GPM[147]VLDALIKIKNEVDSTLTFR	1
								2	C[339]HTIMNC[339]TR	1
								2	C[330]HTIMNC[330]TR	1
								2	C[339]HTIM[147]NC[339]TR	2
DHX30_HUMAN (Q7L2E3) Putative ATP-dependent RNA helicase DHX30 (EC 3.6.1.-) (DEAH box protein 30) [MASS=133937]	*	7.37	*	*	*	4		3	SELAALPPSVQEEHGQLALLAELLR	1
								2	GLQRLNPALRLVLMSATGDNER	1
								2	NLLAKVIQIATSSSTAKNLM[147]QFHTVGTK	1
								2	VIQIATSSSTAK	1

DHX57_HUMAN (Q6P158) Putative ATP-dependent RNA helicase DHX57 (EC 3.6.1.-) (DEAH box protein 57) [MASS=155603]	*	4.33	*	*	*	2	3	GGRSHASKSHGSGGGGGGGGGGGGNR	1
							3	HQVVVISGMTGC[330]GKTTQIPQFILDSDLNGPPEK	1
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	*	4.92	*	*	*	3	2	NLVGETNEETSM[147]RNPDR	1
							3	EQLVQAVHDNQILIVIGETGSGK	1
							2	DLAEFVISLAEKNTTFDFTK	1
DHX9_HUMAN (Q08211) ATP-dependent RNA helicase A (EC 3.6.1.-) (Nuclear DNA helicase II) (NDH II) (DEAH box protein 9) [MASS=140880]	*	3.23	*	*	*	2	2	LETHM[147]TPEM[147]FR	1
							3	FM[147]C[339]EVQVEGYNYTGM[147]GNSTNKKDAQSNAAR	1
DIAP3_HUMAN (Q9NSV4) Protein diaphanous homolog 3 (Diaphanous-related formin-3) (DRF3) [MASS=127594]	*	2.16	*	*	*	2	2	LHIRNEFM[147]R	1
							3	AVDPRHPNM[147]MTDVVK	1
DISC1_HUMAN (Q9NR15) Disrupted in schizophrenia 1 protein [MASS=93582]	0.00	4.10	1.19	0.00	1	2	2	EAAASC[339]M[147]TAGVHEAQA	1
							2	SSTGPGIGFLSPAVGTLFR	1
							3	PC[339]AEDYFNFM[147]GHFTKPQQLQEEM[147]K	1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	0.00	8.99	1.15	0.00	1	5	3	ELM[147]QM[147]LDPGDTGVVNTSMFIDLIEENC[330]R	1
							3	DPYSAFFKTDADRDGIINMHDLHR	1
							3	ALSAGDPC[339]KGGYVSFNYLKIVLDTFVYQIPR	1
							2	INVHDFKKVLEDTGM[147]PM[147]DDDQYALLTTK	1
DKK3_HUMAN (Q9UBP4) Dickkopf-related protein 3 precursor (Dkk-3) (Dickkopf-3) (hDkk-3) [MASS=38291]	0.78	6.57	0.81	0.00	1	1	3	GLLFPVC[330]TPLPVEGELC[330]HDPASR	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	0.97	5.50	1.42	0.00	1	2	2	TNADTDGM[147]VKILGQK	1
							2	VC[339]HAHPTLSEAFR	1
DMBT1_HUMAN (Q9UGM3) Deleted in malignant brain tumors 1 protein precursor (Glycoprotein 340) (Gp-340) (Surfactant pulmonary-associated D-binding protein) [MASS=260734]	*	0.46	*	*	*	1	3	RTDLRIHVSC[339]R	1
							2	YM[147]PRASVC[330]NVLLTC[339]C[330]KDNVC[330]R	1
DMXL1_HUMAN (Q9Y485) Protein DmX-like 1 (X-like 1 protein) [MASS=337852]	*	4.03	*	*	*	5	3	M[147]EQMSLM[147]ALADTIATTSTDIGESRDR	1
							2	VWYNVENWRTAVTSPDGSSEK	1
							3	VVPLSKFVLLRSVDLVSSVDGSPFPVSLSWVR	1
							3	SLGKDSILSNAGSSPNGFSEK	1

DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	3.03	*	*	*	5	2 AVVWGLFR	1
							3 HAVKFGDTEADSSNAEEAAM[147]QDHSTFK	1
							2 C[339]IAGEVAIVRDPDAGEGTK	1
							2 EIAALHEIC[330]NHESVIKEYSSKTYSK	1
							3 NLRLYQAVVDARK	1
DNAI2_HUMAN (Q9GZS0) Dynein intermediate chain 2, axonemal (Axonemal dynein intermediate chain 2) [MASS=68851]	0.00	9.26	3.24	0.00	1	3	2 KVEKDENYVNAIMQLGSIM[147]EHC[339]IK	1
							2 DENYVNAIMQLGSIMEHC[339]IK	1
							2 DVNPLELEQTIR	1
DNJA2_HUMAN (O60884) DnaJ homolog subfamily A member 2 (HIRA-interacting protein 4) (Cell cycle progression restoration gene 3 protein) (Dnj3) (NY-REN-14 antigen) [MASS=45745]	0.00	8.98	1.61	0.00	1	2	2 IGLVEALC[339]GFQFTFK	1
							2 GEDMMHPLKVSLEDLYNGKTTK	1
DNS2B_HUMAN (Q8WZ79) Deoxyribonuclease-2-beta precursor (EC 3.1.22.1) (Deoxyribonuclease II beta) (DNase II beta) (DNase2-like acid DNase) (DNase II-like acid DNase) (Endonuclease DLAD) [MASS=41712]	0.00	2.49	0.55	0.00	1	1	2 WTC[330]IGDLNR	1
DOC10_HUMAN (Q96BY6) Dedicator of cytokinesis protein 10 (Protein zizimin 3) [MASS=249311]	*	0.78	*	*	*	1	2 SQTLPIIRGKNALSNPK	1
DOCK1_HUMAN (Q14185) Dedicator of cytokinesis protein 1 (180 kDa protein downstream of CRK) (DOCK180) [MASS=215374]	*	1.29	*	*	*	2	3 ATIPIFFDMM[147]QC[330]EFHSTR	1
							1 RGSRPR	1
DOCK4_HUMAN (Q8N1I0) Dedicator of cytokinesis protein 4 [MASS=225147]	0.00	4.83	0.63	0.00	1	5	2 TELNKEEMYIRYIHK	1
							2 THPDKITGC[330]LSK	1
							3 PC[330]SAIYPTPVEPSQRMLFNHIGDGALPR	1
							3 LPFSKGIFLGNNNQAMK	1
							3 AQNFTEAAYTLLLYDELLEWSDR	1
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	*	3.45	*	*	*	4	2 TRISVIQKEEFVLTPIEVAIEDM[147]K	1
							3 WAEGHKGVFNIEVQAVSSVHTQDNHLEK	1
							2 LC[339]FKEFIMR	1
							2 FPGLNENLR	1
DOK1_HUMAN (Q99704) Docking protein 1 (Downstream of tyrosine kinase 1) (p62(dok)) (pp62) [MASS=52391]	0.00	6.44	0.44	0.00	1	1	3 LDC[330]KVIRLAEC[330]VSVAPVTVETPPEPGATAFR	1
DOK3_HUMAN (Q7L591) Docking protein 3 (Downstream of tyrosine kinase 3) [MASS=53288]	*	17.94	*	*	*	3	2 ATSLPSLDTPGELREMPPGPEPPTSrk	1
							3 GLVPMEENSIYSSWQEVGEFPVVVQRTEAATR	1
							3 QAWMGPIc[339]QLAFPGTGEASSGSTDAQSPKR	1

DPP6_HUMAN (P42658) Dipeptidyl aminopeptidase-like protein 6 (Dipeptidylpeptidase VI) (Dipeptidylpeptidase 6) (Dipeptidyl peptidase IV-like protein) (Dipeptidyl aminopeptidase-related protein) (DPPX) [MASS=97587]	*	3.35	*	*	*	2	3	MREYYITM[147]VKWATSTK	1
							3	KFFFIRAIPQGGR	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	12.41	0.49	0.08	5	4	2	FQLTDC[330]QIYEVLSVIR	1
							2	THNSSLEYNIFEGM[147]EC[339]R	1
							2	THNSSLEYNIFEGM[147]EC[330]R	1
							2	FQLTDC[339]QIYEVLSVIR	1
							2	GGKIVNDDQSFYADIYM[147]EDGLIK	1
							2	GLYDGPVC[330]EVSVTPK	1
DRP2_HUMAN (Q13474) Dystrophin-related protein 2 [MASS=107673]	*	8.07	*	*	*	3	3	LHYPIMEYYTPTTSSNMRFATTLKNK	1
							3	ATWEPIGDLFIDSLPEHIQAIKLFK	1
							2	M[147]TELYQTLADLNNIKFSAYRTAMK	1
DSC1_HUMAN (Q08554) Desmocollin-1 precursor (Desmosomal glycoprotein 2/3) (DG2/DG3) [MASS=100044]	*	2.35	*	*	*	1	2	VNLEEC[330]LKSASLIRSSDPAFR	1
DUET_HUMAN (Q9Y2A5) Serine/threonine-protein kinase Duet (EC 2.7.11.1) (Serine/threonine kinase with Dbl- and pleckstrin homology domain) [MASS=144412]	*	1.94	*	*	*	2	3	DLGIVVEGFMKRIEEK	4
							2	LAC[330]FIERRK	1
DUS4_HUMAN (Q13115) Dual specificity protein phosphatase 4 (EC 3.1.3.48) (EC 3.1.3.16) (Mitogen-activated protein kinase phosphatase 2) (MAP kinase phosphatase 2) (MKP-2) (Dual specificity protein phosphatase hVH2) [MASS=42953]	0.00	6.35	0.79	0.00	1	2	2	VRLEEAFEFVKQR	1
							2	SATIC[339]LAYLM[147]M[147]K	1
DX26B_HUMAN (Q5JSJ4) Protein DDX26B [MASS=96672]	*	5.34	*	*	*	3	2	RPGEPNSPMSSKR	1
							2	NPFFLEPSILITITDGNK	1
							3	NLQASGLTTLGQALR	1

								3	AC[330]PPKPSKWILDITWLNLEVELSK	1
								2	EAKRALLDAR	1
								3	ALLDARHNYLFAIVASC[330]LDLNLK	1
								3	THLM[147]EDVTANKRR	3
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	*	3.29	*	*	*		9			
								2	GWALDNMVLVC[339]NEVTK	1
								3	QEYQLC[330]FHKT	1
								2	MEVLEAFVITQSINMLQGLIPLK	1
								2	DSNSASNMK	1
								3	QFPITLLQMSIKFANDPPQGLRAGLK	1
								3	GDFQGLVEIMGHLM[147]AVKER	1
DYH9_HUMAN (Q9NYC9) Ciliary dynein heavy chain 9 (Axonemal beta dynein heavy chain 9) [MASS=511928]	0.00	1.96	4.37	0.00	1	4		3	EMKHMPETAAAM[147]FSSRDFYR	1
								2	C[339]AGSAEAEQLLQAFLGR	1
								3	IPSLVPRLSPQNGSPHYQVDLDGIPDLANM[147]RR	1
								2	KMFAGVSSIILNEDNSVVLGISSREGEEVM[147]FK	1
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	0.00	2.67	0.92	0.00	1	5		3	GEAVDEGEIAENLPEQEILIQSVC[339]ETM[147]VPK	1
								2	HLLPVETQR	1
								3	EVDGLDVSKEGTEAWAAM[147]KR	1
								3	MNTLLANGEVPGLFEGDEYATLM[147]TQC[330]KEGAQK	1
								2	YNPTWHC[330]IVGR	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	12.36	0.60	0.05	2	1		2	YNPTWHC[339]IVGR	1
DYL2_HUMAN	1.00	34.83	*	*	*	1		3	AVIKNADM[147]SEDMQQDAVDC[339]ATQAMEKYNIEK	1
								2	C[330]VDM[147]VISELISTVR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	1.00	5.21	0.51	0.10	2	2		2	C[330]VDMVISELISTVR	1
								3	DM[147]LM[147]QFVTKENC[339]LILAVSPANSDLANSALK	1
								2	ENC[339]LILAVTPANTDLANSALK	1
DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	0.00	2.56	1.19	0.00	1	1		1	SLDDALK	1
DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	0.00	9.63	0.93	0.00	1	2		2	HIKYKFEVC[330]EK	1
								2	SSM[147]ATQNLPEQHVSR	2
E2F5_HUMAN (Q15329) Transcription factor E2F5 (E2F-5) [MASS=37610]	0.00	9.54	*	*	*	2		2	AEIEDLELKERELDQQK	1

EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	12.89	0.36	0.48	6	4	2	ESNSNQC[339]VYAAHNSVIVDEC[339]K	1
							3	LASPIHPDVVM[147]LIAFPGDILMR	1
							2	NLFPENLVQAC[330]FQQIQTGTK	3
ECH1_HUMAN (Q13011) Delta3,5-delta2,4-dienoyl-CoA isomerase, mitochondrial precursor (EC 5.3.3.-) [MASS=35816]	1.00	16.16	1.34	0.08	3	3	2	NLFPENLVQAC[339]FQQIQTGTK	1
							3	NLFPENLVQAC[330]FQQIQTGTK	1
							2	C[339]LEENLGIDKR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	18.35	1.51	0.08	7	7	2	YC[330]AQDAFFQVK	1
							3	KM[147]MADEALGSGLVSRVFPDK	1
							3	VFPDKEVMLDAALALAAEISSK	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	12.07	1.54	0.06	4	2	2	YC[339]AQDAFFQVK	2
							2	M[147]VAC[339]RAIGILSR	1
							2	EVEAIPDHC[339]IFASNTSALPISEIAAVSK	1
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBFE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	*	2.08	*	*	*	1	2	ALM[147]GLYHGQVLC[330]K	1
							3	QFTPC[330]QLLADHANSNKK	1
							2	ALM[147]GLYHGQVLC[339]K	1
EDD1_HUMAN (O95071) Ubiquitin-protein ligase EDD1 (EC 6.3.2.-) (Hyperplastic discs protein homolog) (hHYD) (Progestin-induced protein) [MASS=309350]	0.00	3.86	1.58	0.00	1	6	2	VFGERFGGNGPELLTQM[147]VSK	1
							3	PGC[330]FIAGADINM[147]LAAC[330]KTLQEVTQLSQEAQR	1
							2	QFTPC[330]QLLADHANSNKK	1
							2	TGIEQGS DAGYLC[339]ESQK	1
							3	QFTPC[339]QLLADHANSNKK	1
							2	ALNALC[330]DGLIDELNQALK	1
							2	ALNALC[339]DGLIDELNQALK	1
							3	IC[339]PVETLVEEAIQC[339]AEK	1
							3	ALNALC[339]DGLIDELNQALK	1
							2	TFGLILGHVVDEIQR	1
							1	M[147]TAREEASLR	1
							2	AAVIMAVEKQTLM[147]QHILR	1
							2	KANAHFILK	1
							3	NVAIFTAGQESPILRDGNGTIYPM[147]AKDC[339]MGGIR	1
							2	SSGLRAGSRR	1
							3	DEPGE GSGVARSFYTAIAQAFLSNEK	1

EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.00	1.52	0.84	0.00	1	1	2	C[330]GGIDKR	1
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	0.00	6.91	*	*	*	1	2	IGYNPATVPFVPISGWHGDNMLEPSPNM[147]PWFK	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	*	4.43	*	*	*	2	2 3	IKPVLN[147]MNKM[147]DR WLPAGDALLQMITIHLPSVTAQKYR	1 1
EFTS_HUMAN (P43897) Elongation factor Ts, mitochondrial precursor (EF-Ts) (EF-TsMt) [MASS=35390]	*	5.23	*	*	*	1	3	DQLALAIGKLGENM[147]ILK	1
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	19.91	1.25	0.03	13	5	2 3	GLVM[147]VKPGSIKPHQK HYAHTDC[330]PGHADYVK	1 2
							2 2 3	KGDEC[330]ELLGHSK KGDEC[339]ELLGHSK LLDAVDYIPVVPAR	1 1 1
							2	HYAHTDC[339]PGHADYVK	3
							3	HYAHTDC[339]PGHADYVK	3
							2 3 3	HYAHTDC[330]PGHADYVK ELLTEFGYKGEETPVIVGSALC[330]ALEGRDPELGLK KGDEC[339]ELLGHSK	1 1 1
ELAV2_HUMAN (Q12926) ELAV-like protein 2 (Hu-antigen B) (HuB) (ELAV-like neuronal protein 1) (Nervous system-specific RNA-binding protein Hel-N1) [MASS=39504]	*	3.06	*	*	*	1	3	ILVDQVTGISR	1
ELF2_HUMAN (Q15723) ETS-related transcription factor Elf-2 (E74-like factor 2) (New ETS-related factor) [MASS=63966]	0.00	7.25	1.84	0.00	1	2	3 3	SETC[330]NEDLAGTTDEK DMPKNIVVIDDDKSETC[339]NEDLAGTTDEK	1 1
ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	*	6.45	*	*	*	2	2 3	LKLFAFGGTSVSHDKLPK WTMVAPLREGVSNAAVVS AK	1 1

ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	0.00	16.63	*	*	*	5	1	FGANAILGVSLAVC[330]K	1
							3	LAMQEFM[147]ILPVGAANFREAMR	1
							2	SGETEDTFIADLVVGLC[330]TGQIK	2
							3	SGETEDTFIADLVVGLC[339]TGQIK	1
							2	SGETEDTFIADLVVGLC[339]TGQIK	1
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	6.70	0.67	0.23	7	2	2	TGAPC[330]R	1
							2	SC[330]NC[330]LLLK	1
							3	IVIGM[147]DVAASEFYR	2
							2	VNQIGSVTEAIQAC[339]K	1
							3	VSLSGSSDPHLC[339]R	10
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	0.00	2.63	57.14	0.00	1	1			
ENPP2_HUMAN (Q13822) Ectonucleotide pyrophosphatase/phosphodiesterase 2 (E-NPP 2) (Phosphodiesterase I/nucleotide pyrophosphatase 2) (Phosphodiesterase I alpha) (PD-Ialpha) (Autotaxin) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyro [MASS=99003]	0.41	5.79	5.35	0.00	1	3	3	SYTSC[339]C[330]HDFDELC[330]LK	1
							2	C[339]FELQEAGPPDC[339]R	1
							2	AAEC[339]PAGFVRPPLIIFSVDGFR	1
EOMES_HUMAN (O95936) Eomesodermin homolog [MASS=72612]	*	8.60	*	*	*	2	3	VKEEIGSSWIETPPSIKSLDSNDSGVYTSAC[330]K	1
							3	C[339]GDINAEYYSKDTSKGM[147]GGYYAFYTSP	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	8.62	0.83	0.48	2	5	3	C[339]KPVMIITEYM[147]ENGSLDAFLRK	1
							3	VIGVGEFGFVVC[330]SGR	2
							2	C[330]PPHSYSVWEGATSC[330]TC[339]DRGFFR	1
							2	NPNSLKR	1
							2	C[330]PPHSYSVWEGATSC[339]TC[339]DR	1

EPHA5_HUMAN (P54756) Ephrin type-A receptor 5 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-1) (EPH homology kinase 1) (Receptor protein-tyrosine kinase HEK7) [MASS=114784]	*	4.63	*	*	*	3	2	M[147]HFHNGHIK	1
							2	KC[339]NSHAGVC[339]EEC[330]GGHVR	1
							2	SKETTITAEGLKPASVYVFQIR	1
EPHA6_HUMAN (Q9UF33) Ephrin type-A receptor 6 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-2) (EPH homology kinase 2) [MASS=116116]	*	1.74	*	*	*	1	2	TYPLNGWDAITEMDEHNR	1
EPHA7_HUMAN (Q15375) Ephrin type-A receptor 7 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-3) (EPH homology kinase 3) (Receptor protein-tyrosine kinase HEK11) [MASS=112082]	*	5.81	*	*	*	4	2	WTAPEAIQYR	1
							2	MIRNPNSLKTPLGTC[330]SR	1
							3	C[339]PTHSFSDK	1
							2	HDGQFTVIQLVGMLRGIAAGM[147]R	1
EPM2A_HUMAN (O95278) Laforin (EC 3.1.3.48) (EC 3.1.3.16) (Lafora PTPase) (LAFPTPase) [MASS=37157]	*	6.34	*	*	*	1	2	VQYFLMAKRPAVYIDEEALAR	1
ERBB3_HUMAN (P21860) Receptor tyrosine-protein kinase erbB-3 precursor (EC 2.7.10.1) (c-erbB3) (Tyrosine kinase-type cell surface receptor HER3) [MASS=148097]	0.00	4.62	0.15	0.00	1	3	2	RESGPGIAPGPEPHGLTNK	1
							3	C[330]WM[147]IDENIRPTFK	1
							3	EITGYLNIQSWPPMHNFVSFSLTTIGGR	1
ERO1A_HUMAN (Q96HE7) ERO1-like protein alpha precursor (EC 1.8.4.-) (ERO1-Lalpha) (Oxidoreductin-1-Lalpha) (Endoplasmic oxidoreductin-1-like protein) (ERO1-L) [MASS=54392]	*	9.19	*	*	*	2	2	SFPLHFDENSFFAGDKKEAHK	1
							2	NLYFLYLIELRALSKVLPFFER	1
ESCO1_HUMAN (Q5FWF5) N-acetyltransferase ESCO1 (EC 2.3.1.-) (Establishment of cohesion 1 homolog 1) (ECO1 homolog 1) (ESO1 homolog 1) (Establishment factor-like protein 1) (EFO1p) (hEFO1) (CTF7 homolog 1) [MASS=95008]	0.45	6.79	1.04	0.00	1	4	2	C[339]NSHLEITIPK	1
							2	NITC[330]QQEKMK	1
							3	SSSESKINQPELETR	1
							3	QILHQKETNQDVQC[339]NRFFPSR	1
ESPL1_HUMAN (Q14674) Separin (EC 3.4.22.49) (Separase) (Caspase-like protein ESPL1) (Extra spindle poles-like 1 protein) [MASS=233112]	*	2.83	*	*	*	4	2	QC[339]ALFLVLK	1
							3	LHRC[339]FRLQVESLK	1
							2	GSFSLLWK	1
							3	YTEALLQGWLGAAGPGAPLLYYVNQARQAPR	1

ETFA_HUMAN (P13804) Electron transfer flavoprotein subunit alpha, mitochondrial precursor (Alpha-ETF) [MASS=35079]	0.00	3.00	2.65	0.00	1	1	2	C[339]DKVAQDLC[339]K	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.97	3.24	2.04	0.00	1	2	1	HKGSDFER	1
							2	LQINAQNC[339]VHC[339]K	1
ETV7_HUMAN (Q9Y603) Transcription factor ETV7 (Transcription factor Tel-2) (ETS-related protein Tel2) (Tel-related Ets factor) [MASS=38998]	0.00	6.74	1.91	0.00	1	1	2	TQGVVC[339]SFPAMPQAPIDGRIADC[339]R	1
EXOC2_HUMAN (Q96KP1) Exocyst complex component 2 (Exocyst complex component Sec5) [MASS=104066]	*	4.55	*	*	*	2	2	C[330]VM[147]ATLQHTAEEIKRLAEK	1
							2	PSVLGHLSQTASLKRGSFQSGR	1
EXTL1_HUMAN (Q92935) Exostosin-like 1 (EC 2.4.1.224) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Exostosin-L) (Multiple exostosis-like protein) [MASS=74696]	*	3.85	*	*	*	2	2	WPETAVPLTVIDGHR	1
							2	PRPGASQGWPR	1
F10A5_HUMAN (Q8NFI4) Protein FAM10A5 [MASS=41377]	0.00	4.61	1.27	0.00	1	1	3	LLGHWEEAAHDLAFAC[339]K	1

FA35A_HUMAN (Q86V20) Protein FAM35A
[MASS=93704] * 2.99 * * * 2

2 LSDITSSNMQIC[330]GFK 1

FA38A_HUMAN (Q92508) Protein FAM38A
[MASS=233040] * 4.47 * * * 4

2 GFALYNAANLKSIDFHR 1

3 RLQGFC[330]LSLAQGTYRPLR 1

3 FRPMASC[339]LSTVWTC[330]VIIVC[330]KM[147]LYQLK 1

3 TVLGKLAQVALVLAHLWM[147]FFILPAVTER 1

FA43B_HUMAN (Q6ZT52) Protein FAM43B
[MASS=36776] 0.00 4.86 0.76 0.00 1 1

2 AVVLRC[330]HAVLLARAHK 2

FA47A_HUMAN (Q5JRC9) Protein FAM47A
[MASS=89095] * 1.67 * * * 1

3 LFARRGWYDSVK 1

FABPE_HUMAN (Q01469) Fatty acid-binding
protein, epidermal (E-FABP) (Psoriasis-
associated fatty acid-binding protein homolog)
(PA-FABP) [MASS=15033] 0.00 10.45 0.38 0.00 1 1

2 LVVEC[330]VM[147]NNVTC[330]TR 1

FACD2_HUMAN (Q9BXW9) Fanconi anemia group D2 protein (Protein FACD2) [MASS=166461]	0.00	11.76	0.78	0.00	1	8	3	VRQLVMDKLSSIR	1
							3	QNEASSHIQDDM[147]HLVIRK	1
							3	GRASSSGNQESSGQSC[330]IILLFDVIKSAIR	1
							3	ELSDLLIENTSLTVPILDVLSLR	1
							3	LESM[147]SAKERSFMC[339]SLIFLTLNWFR	1
							3	TLELLVC[330]RVKAM[147]LTNNC[339]R	1
FAK2_HUMAN (Q14289) Protein tyrosine kinase 2 beta (EC 2.7.10.2) (Focal adhesion kinase 2) (FADK 2) (Proline-rich tyrosine kinase 2) (Cell adhesion kinase beta) (CAK beta) (Calcium-dependent tyrosine kinase) (CADTK) (Related adhesion focal tyrosine kinas [MASS=115874]	*	1.78	*	*	*	1	3	LPEYFFENKNSDEINIPRLIVSQLK	1
							3	EIVNAFC[330]QETSPFM[147]KGKVLTR	1
							3	VC[339]FYNSNFNPNGKNFKLVK	1
FAM5C_HUMAN (Q76B58) Protein FAM5C precursor (DBCCR1-like protein 1) [MASS=88445]	*	10.05	*	*	*	4	2	C[339]GTC[330]NTGYMLSQGLC[330]K	1
							2	RYEQLNSMKQLFLK	1
							3	TKLDLPLQC[330]YNWTLTLGNKWK	1
							3	IQSALQAFNAKLPNTM[147]DYDTTKLC[330]S	1
FANCC_HUMAN (Q00597) Fanconi anemia group C protein (Protein FACC) [MASS=63428]	0.23	3.76	0.44	0.00	1	2	1	LGIESPR	2
							2	ISLPMSAVVC[330]LWLR	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	1.76	1.42	0.00	1	3	1	GM[147]TRSK	1
							1	VSKEIK	2
							3	SC[339]HSVEDGQLLTSNESEDDEIFRR	1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	*	2.78	*	*	*	1	3	PPPTPSGKLVSIIQMLDDTQEAFEVPQR	1
FASTK_HUMAN (Q14296) Fas-activated serine/threonine kinase (EC 2.7.11.8) (FAST kinase) [MASS=61104]	0.00	6.92	0.86	0.00	1	2	2	ERWHFC[330]R	1
							2	HLGLMGYQLLPLPFEELESQRGLPQLKSYLR	1

FAS_HUMAN (P49327) Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase (EC 2.3.1.38); [Acyl-carrier-protein] S-malonyltransferase (EC 2.3.1.39); 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41); 3-oxoacyl-[acyl- [MASS=273398]	0.00	1.63	0.10	0.00	1	2	3	LQELSSKADEASELAC[330]PTPK	1
							3	LLEASRAFEVSENGNLVVS GK	1
FBLN2_HUMAN (P98095) Fibulin-2 precursor [MASS=126543]	*	0.51	*	*	*	1	1	AVLEPR	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.00	3.41	*	*	*	5	2	AWGHPC[339]EM[147]C[339]PAQPHPC[339]R	1
							2	TLPGGNQC[330]IVPIC[330]R	1
							3	AWGHPC[330]EM[147]C[330]PAQPHPC[339]RRGFIPNIR	1
							2	GPGFATKEITNGKPFFK	1
							3	EGYC[339]FTEVLQNM C[339]QIGSSNRNPVTK	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	0.00	2.68	0.49	0.00	1	5	2	PFYKDINEC[339]K	1
							3	GYVLQEDGKTC[330]K	1
							3	GGTC[339]VNTEGSFQC[330]DC[339]PLGHELSPSR	1
							2	PDGEGC[330]VDENEC[339]RTKPGIC[339]ENGR	1
							2	C[339]EC[330]NM[147]GYK	1
FBN3_HUMAN (Q75N90) Fibrillin-3 precursor [MASS=300370]	*	3.13	*	*	*	4	3	C[330]TC[330]RQGFAGDGFFC[330]EDR	1
							2	GIPSLGPGNSNIGTATLNQTIDIC[330]R	1
							2	KSVC[339]FRHYNGTC[330]QNELAFNVTR	1
							3	GPC[330]SYSC[330]ANTPGGFLC[330]GC[339]PQGYFR	1
FBX31_HUMAN (Q5XUX0) F-box only protein 31 [MASS=60647]	*	3.34	*	*	*	1	3	IHLMERKAATVEC[339]M[147]YGHK	1
FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	*	4.65	*	*	*	2	2	VPVSYC[339]GK	1
							3	DYNMYLVHNGRMLIHFGQM[147]PAC[339]TPK	1
FBX46_HUMAN (Q6PJ61) F-box only protein 46 (F-box only protein 34-like) [MASS=69030]	*	2.01	*	*	*	1	2	PGPGPGEVRIA FR	1
FBXL4_HUMAN (Q9UKA2) F-box/LRR-repeat protein 4 (F-box and leucine-rich repeat protein 4) (F-box protein FBL4/FBL5) [MASS=70096]	*	6.28	*	*	*	2	2	PC[330]IKQINFPTNLIR	1
							2	C[339]TLVQWLNL SWTGNRGFISVAGFSR	1
FBXL6_HUMAN (Q8N531) F-box/LRR-repeat protein 6 (F-box and leucine-rich repeat protein 6) (F-box protein FBL6) (FBL6A) [MASS=58588]	*	5.75	*	*	*	1	3	IPLEILVQIFGLLVAADGPM[147]PFLGRAARVC[330]R	1

FGD1_HUMAN (P98174) FYVE, RhoGEF and PH domain-containing protein 1 (Faciogenital dysplasia 1 protein) (Zinc finger FYVE domain-containing protein 3) (Rho/Rac guanine nucleotide exchange factor FGD1) (Rho/Rac GEF) [MASS=106560]	*	1.98	*	*	*	1	2	SDPGPPTETPSQRPSPLKR	1
FGD5_HUMAN (Q6ZNL6) FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23) [MASS=159906]	0.00	5.54	4.71	0.00	1	4	2 C[339]SESETDEDYIVVPR 2 GRAVPGLM[147]RER 2 VTDRANDSMEQGENLQK 3 PHSGKVAGYVPETVPEETGPEAGSSAPGIGGAAEEVGK	1 1 1 1	
FGF6_HUMAN (P10767) Fibroblast growth factor 6 precursor (FGF-6) (HBGF-6) (HST-2) [MASS=22904]	0.00	19.23	0.69	0.00	1	2	2 QRRLYC[330]NVGIGFHLQVLPDGR 2 RLYC[339]NVGIGFHLQVLPDGR	1 1	
FGFR3_HUMAN (P22607) Fibroblast growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR-3) (CD333 antigen) [MASS=87709]	*	1.49	*	*	*	1	2 WELSRARLTGK	1	
FILA_HUMAN (P20930) Filaggrin [MASS=435166]	0.00	1.21	0.28	0.00	1	3	2 DPGLC[330]GHSSDISKQLGFSQSQR 2 RQDSSVVGDSGNR 2 HSGIGHRQASSAVR	1 1 1	
FLNA_HUMAN (P21333) Filamin-A (Alpha-filamin) (Filamin-1) (Endothelial actin-binding protein) (Actin-binding protein 280) (ABP-280) (Nonmuscle filamin) [MASS=280628]	0.00	5.06	0.44	0.00	1	7	2 RAPSVANVGSHC[330]DLSLK 3 ARGPGLEKTGVAVNK 3 YGGDEIPFSPYRVRAVPTGDASK 2 KDGSC[339]GVAYVVQEPGDYEVSVK 2 DAGEGLLAVQITDPEGKPK 2 ATC[339]APQHGAPGPGPADASKVVAK 2 IQQNTFTRWC[330]NEHLK	1 1 1 1 1 1 1	
FLNB_HUMAN (O75369) Filamin-B (FLN-B) (Beta-filamin) (Actin-binding-like protein) (Thyroid autoantigen) (Truncated actin-binding protein) (Truncated ABP) (ABP-280 homolog) (ABP-278) (Filamin 3) (Filamin homolog 1) (Fh1) [MASS=278193]	*	1.96	*	*	*	2	3 DAGEGLLAVQITDQEGKPKR 3 VTEAEIVPMGKNSHC[339]VRFVPQEM[147]GVHTVSVK	1 1	
FMNL_HUMAN (O95466) Formin-like 1 protein (Formin-like protein) (Leukocyte formin) (CLL-associated antigen KW-13) [MASS=121827]	*	3.91	*	*	*	2	2 NPPAAYIQKLKSYVDTGGVSR 2 GAAYGFRLQSLDALLEM[147]KSTDR	1 1	

FOG1_HUMAN (Q8IX07) Zinc finger protein ZFPM1 (Zinc finger protein multitype 1) (Friend of GATA protein 1) (Friend of GATA-1) (FOG-1) [MASS=104546]	*	2.49	*	*	*	1	2	TPADRGPSPAPAPAASPQPGSRGPR	1
FOXE1_HUMAN (O00358) Forkhead box protein E1 (Thyroid transcription factor 2) (TTF-2) (Forkhead-related protein FKHL15) [MASS=38289]	0.00	16.49	*	*	*	3	2	LAGPASPPAGGSSGGVETTVDFYGR	1
							3	GETAAGAGVPGEATGRGAGGR	1
							2	HAAAYPGGIDRFVSAM[147]	1
FOXL1_HUMAN (Q12952) Forkhead box protein L1 (Forkhead-related protein FKHL11) (Forkhead-related transcription factor 7) (FREAC-7) [MASS=36490]	0.00	3.48	1.08	0.00	1	1	2	C[339]LDMFENGNYRR	1
FOXN2_HUMAN (P32314) Human T-cell leukemia virus enhancer factor (Forkhead box protein N2) [MASS=37734]	0.00	9.38	0.51	0.00	1	1	3	LQESDSLATSIDPKEDHNYSSASSM[147]AAQRC[330]ASR	1
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	*	3.53	*	*	*	5	2	KILLNIEHR	1
							3	C[339]FLKLGEWQLNLQGINESTIPK	1
							2	M[147]DTNKDDPELMLGRMR	1
							2	KLTLMGSGNGHEFVLLK	1
							3	AYGAMVSC[339]HM[147]LSELEEVIQYKLVPER	1
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	*	2.43	*	*	*	4	2	MASLEC[330]TVSLDTARTR	1
							3	ILKTISVEVIPVNDEK	1
							2	YVHNGC[330]PILDEDTVK	1
							1	PM[147]LSKK	1
FSCN1_HUMAN (Q16658) Fascin (Singed-like protein) (55 kDa actin-bundling protein) (p55) [MASS=54398]	1.00	2.85	0.81	0.03	2	1	2	YLAADKDGNVTC[330]ER	1
							2	YLAADKDGNVTC[339]ER	1
FTHFD_HUMAN (O75891) 10-formyltetrahydrofolate dehydrogenase (EC 1.5.1.6) (10-FTHFDH) (Aldehyde dehydrogenase 1 family member L1) [MASS=98829]	*	2.11	*	*	*	1	2	THVGMSIQTFRYFAGWC[339]DK	1
FUK_HUMAN (Q8N0W3) L-fucose kinase (EC 2.7.1.52) (Fucokinase) [MASS=117622]	*	9.23	*	*	*	4	2	ALAC[339]VADVLGC[330]M[147]AEGRGGLRSGPAANPEWM[147]R	1
							2	IPEPELWLAVGPRQDEM[147]TVKIVC[339]R	1
							2	IVC[330]RC[339]LADLRDYC[339]QPHAPGALLK	1
							2	ELGPQDLLWMLDHQEDGGEALR	1

FVT1_HUMAN (Q06136) 3-ketodihydrosphingosine reductase precursor (EC 1.1.1.102) (3-dehydrosphinganine reductase) (KDS reductase) (Follicular variant translocation protein 1) (FVT-1) [MASS=36187]	0.00	5.42	0.70	0.00	1	1	2	LGPVDM[147]LVNC[330]AGMAVSGK	1
FZD3_HUMAN (Q9NPG1) Frizzled-3 precursor (Fz-3) (hFz3) [MASS=76262]	0.48	5.41	0.98	0.32	2	2	2	LM[147]EM[147]FGVPWPEDM[147]EC[339]SR	1
							2	DFRPFLC[330]ALYAPIC[330]M[147]EYGR	1
FZD4_HUMAN (Q9ULV1) Frizzled-4 precursor (Fz-4) (hFz4) (FzE4) [MASS=59881]	*	6.15	*	*	*	1	3	YSADDSNM[147]AVEM[147]LKIFMSLLVGITSGM[147]WIWSAK	1
G3PT_HUMAN (O14556) Glyceraldehyde-3-phosphate dehydrogenase, testis-specific (EC 1.2.1.12) (Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2) (GAPDH-2) [MASS=44501]	0.00	16.42	6.00	0.00	1	3	2	LAQPAPYSAIK	1
							3	AC[339]M[147]EKGVKVVAVNDPFIDPEYMYMFK	1
							3	VPTPDVSVVDLTC[339]RLAQPAPYSAIKEAVK	1
							2	VPTANVSVVDLTC[330]R	2
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.60	0.10	6	2	2	IISNASC[330]TTNC[330]LAPLAK	2
							2	VPTANVSVVDLTC[339]R	1
							2	IISNASC[339]TTNC[339]LAPLAK	1
G6PI_HUMAN (P06744) Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Neuroleukin) (NLK) (Sperm antigen 36) (SA-36) [MASS=63015]	0.95	9.52	0.80	0.00	1	3	2	PYSSGGPRVWYVSNIDGTHIAK	1
							3	ELQAAGKSPEDLER	1
							2	M[147]IPC[330]DFLIPVQTQHPIR	1
GABR1_HUMAN (Q9UBS5) Gamma-aminobutyric acid type B receptor, subunit 1 precursor (GABA-B receptor 1) (GABA-B-R1) (Gb1) [MASS=108320]	*	2.50	*	*	*	1	3	KIATIQQTTEVFTSTLDDLEERVK	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	8.20	1.03	0.26	3	3	2	TM[147]GC[330]LATTHSK	1
							2	C[339]LEEVEDLIVK	1
							2	TM[147]GC[339]LATTHSK	1
							2	HGC[339]AFLVDEVQTGGGC[339]TGK	1

								2	LFVSGAC[330]DASAK	2
								2	ELAGHTGYLSC[330]C[339]R	1
								3	QTFTGHESDINAIC[330]FFPNGNAFATGSDDATC[330]R	2
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	29.79	0.56	0.19	13	5		2	ADQELMTYSHDNIIC[330]GITSVSFSK	1
								3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[339]R	1
								1	LFVSGAC[330]DASAK	1
								2	LFVSGAC[339]DASAK	1
								2	KAC[330]ADATLSQITNNIDPVGR	1
								2	ELAGHTGYLSC[339]C[339]R	1
								2	ELAGHTGYLSC[330]C[330]R	4
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	1.00	24.78	0.58	0.12	6	4		3	QTFIGHESDINAVAFFPNGYAFTTGSDDATC[330]R	1
								2	ELPGHTGYLSC[339]C[339]R	1
								2	KAC[330]GDSTLTQITAGLDPVGR	1
								2	AC[330]GDSTLTQITAGLDPVGR	1
								2	ELPGHTGYLSC[330]C[330]R	2
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.56	10.59	0.65	0.00	1	2		2	VSC[330]LGVTDAGM[147]AVATGSWDSFLK	1
								2	ELSAHTGYLSC[330]C[330]R	1
GBB4_HUMAN (Q9HAV0) Guanine nucleotide-binding protein subunit beta 4 (Transducin beta chain 4) [MASS=37436]	0.00	7.96	*	*	*	1		3	NQIQDARKAC[330]NDATLVQITSNMDSVGR	1
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	0.99	19.72	0.73	0.00	1	1		2	ASADLM[147]SYC[330]EEHAR	1
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	62.86	0.61	0.15	5	2		2	AAADLMAYC[330]EAHAK	1
								2	AAADLM[147]AYC[339]EAHAK	1
								3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPASENPFR	2
								2	AAADLM[147]AYC[330]EAHAK	1
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.00	40.00	1.09	0.00	1	1		3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPFR	1

GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	1.00	20.59	0.72	0.13	2	1	2 2	AASDLMSYC[330]EQHAR AASDLM[147]SYC[330]EQHAR	1 1
GDIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	1.00	5.59	0.96	0.15	2	2	2 2	IIC[330]ILSHPIK TDDYLDQPC[339]LETVNR	1 1
GDIB_HUMAN (P50395) Rab GDP dissociation inhibitor beta (Rab GDI beta) (Guanosine diphosphate dissociation inhibitor 2) (GDI-2) [MASS=50663]	*	6.07	*	*	*	2	2 2	RMTGSEFDFEEM[147]K YLDFKVTEGSFVYK	1 1
GDS1_HUMAN (P52306) Rap1 GTPase-GDP dissociation stimulator 1 (SMG P21 stimulatory GDP/GTP exchange protein) (SMG GDS protein) (Exchange factor smgGDS) [MASS=66403]	0.71	9.23	0.56	0.00	1	2	2 3	QIEHDKREM[147]IFEVLAPLAENDAIAK ITAVDKTEDSLEGC[330]LDC[330]LLQALAQNNNTETSEK	1 1
GFRA3_HUMAN (O60609) GDNF family receptor alpha-3 precursor (GFR-alpha-3) [MASS=44511]	*	2.00	*	*	*	1	2	M[147]VRPLNPR	1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	22.91	0.83	0.11	7	5	2	LINGGIAGLIGVTC[339]VFPIDLAK	1
							2	PTATQLTRDLLR	1
							3	IQLQDAGRIAAQRK	1
							2	VYTSM[147]SDC[339]LIK	1
							1	GVNEDTYSGILDC[339]AR	1
							2	GVNEDTYSGILDC[330]AR	2
							2	LINGGIAGLIGVTC[330]VFPIDLAK	2
GLIS3_HUMAN (Q8NEA6) Zinc finger protein GLIS3 (GLI-similar 3) (Zinc finger protein 515) [MASS=83605]	*	2.84	*	*	*	1	2	KRALSLSPKSDGIGIDFNTIIR	1
GLRX1_HUMAN (P35754) Glutaredoxin-1 (Thioltransferase-1) (TTase-1) [MASS=11644]	*	12.38	*	*	*	1	3	AQEFVNC[339]KIQPGK	1

								3	FDYVM[147]QFLNKMAGNEYVGFSNATFQSERESGDR	1
								2	C[339]VQSNIVLLTQAFR	3
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	13.75	1.36	0.04	7	5		2	LKEC[330]M[147]DM[147]LR	1
								2	LKEC[339]M[147]DM[147]LR	1
								2	LKEC[339]M[147]DMLR	1
								2	C[330]VQSNIVLLTQAFR	1
								2	VPFC[330]LQSC[330]VKPLK	1
								3	IKQGILLPSLEDLLFYTIAEGQEK	1
								2	VPFC[339]LQSC[339]VKPLK	1
GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	*	5.48	*	*	*	2		2	KC[330]VSSSIVLLTQAFR	1
								2	MAGNEYMGFSNATFQSEK	1
GLT14_HUMAN (Q96FL9) Polypeptide N-acetylgalactosaminyltransferase 14 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 14) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 14) (Polypeptide GalNAc transferase 14) (GalNAc-T14) (pp-GaNTas [MASS=64320])	*	7.79	*	*	*	2		3	VWM[147]C[339]GGSLEIVPC[330]SRVGHVFR	1
								2	RLDPTPIRTPIIAGGLFVIDK	1
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	11.90	0.68	0.15	5	3		2	IIHEAGYSEEEC[330]KQYK	1
								2	EIYTHFTC[330]ATDTK	1
								2	EIYTHFTC[339]ATDTK	1
								2	IIHEAGYSEEEC[330]K	1
								3	IIHEAGYSEEEC[330]KQYK	1
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	0.86	8.19	0.59	0.00	1	1		3	ITHSPLTIC[330]FPEYTGANKYDEAASYIQSK	1
GNAI3_HUMAN (P08754) Guanine nucleotide-binding protein G(k) subunit alpha (G(i) alpha-3) [MASS=40401]	0.00	4.82	*	*	*	1		2	AAKEVKLLLLGAGESGK	1
GNAL_HUMAN (P38405) Guanine nucleotide-binding protein G(olf) subunit alpha (Adenylate cyclase-stimulating G alpha protein, olfactory type) [MASS=44308]	0.00	7.87	*	*	*	2		3	HYC[330]YPHFTC[330]AVDTENIR	1
								2	TTEDQGVDEKERR	1

								3	SPLTIC[339]FPEYTGPN TYEDAAAYIQAQFESK	1
								2	M[147]HESLM LFDSIC[330]NNK	1
								2	SPLTIC[330]FPEYTGPN TYEDAAAYIQAQFESK	1
								3	YYLSLDRIGAADYQPTEQDILRTR	1
								2	M[147]VC[330]DVVSR	3
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	30.88	0.46	0.27	8	5		2	MVC[339]DVVSR	1
								3	KSPLTIC[339]FPEYTGPN TYEDAAAYIQAQFESK	1
								2	MHESLM[147]LFDSIC[330]NNK	1
								2	MVC[330]DVVSR	2
								2	M[147]VC[339]DVVSR	2
								3	SPLTIC[330]FPEYTGPN TYEDAAAYIQAQFESK	2
								2	M[147]HESLM[147]LFDSIC[330]NNK	1
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	8.50	0.07	0.00	1	1		2	SPLTIC[330]FPEYTGPSAFTEAVAYIQAQYESK	1
GNAS_HUMAN (P63092) Guanine nucleotide-binding protein G(s) subunit alpha (Adenylate cyclase-stimulating G alpha protein) [MASS=45664]	1.00	13.20	0.81	0.20	2	2		3	SNEYQLIDC[330]AQYFLDKIDVIK	1
								3	NNLKEA IETIVAAM[147]SNLVPPVELANPENQFR	1
GNB1L_HUMAN (Q9BYB4) Guanine nucleotide-binding protein subunit beta-like protein 1 (G protein subunit beta-like protein 1) (WD40 repeat-containing protein deleted in VCFS) (Protein WDVCF) (DGCRK3) [MASS=35618]	*	3.98	*	*	*	1		2	KILATAGWDHRIR	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macrogolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	0.00	1.26	1.17	0.00	1	3		2	QKP EEIG EESR	1
								2	RIAELEELVC[339]VQK	1
								3	ALHTQLEMQA KEHDER	1
GP115_HUMAN (Q8IZF3) Probable G-protein coupled receptor 115 (G-protein coupled receptor PGR18) [MASS=83830]	0.00	4.12	0.34	0.00	1	2		2	C[330]NYTSVVMSFSILMSSK	1
								2	RWDEKAC[339]QMM[147]LDIR	1
GP150_HUMAN (Q8NGU9) Probable G-protein coupled receptor 150 [MASS=46353]	0.00	13.82	1.47	0.00	1	2		3	LVFLGVILVVAVAGNTTVLC[339]RLC[330]GGGGPWAGPK	1
								2	AKVQSLKMSLLLALLFVG C[339]ELPYFAAR	1

GP158_HUMAN (Q5T848) Probable G-protein coupled receptor 158 precursor [MASS=135488]	*	5.93	*	*	*	3	2	MGAM[147]AYPLLLC[339]LLLAQLGLGAVGASRDPQGR	1
							3	VDINLQKVDIDQC[339]SSDGWFSGTHK	1
							3	TSM[147]LQKSLSVIASAKEK	1
GP162_HUMAN (Q16538) Probable G-protein coupled receptor 162 (Gene-rich cluster gene A protein) [MASS=63930]	*	3.57	*	*	*	1	2	HRLEDEEDEEEAEGGGLASLR	1
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	0.98	8.67	1.55	0.00	1	3	2	C[339]KDVLTGQEFQDVR	1
							3	MVKEALHERANLLEIAPHLSAPLPIM[147]LPVYK	1
							3	LYDLVAGSNC[339]LKSSYVLSK	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	7.55	0.36	0.13	3	2	2	KIC[339]TVSENFLR	1
							2	KIC[330]TVSENFLR	1
							2	IC[330]TVSENFLR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.98	3.40	0.49	0.03	2	1	2	SREDC[330]C[330]TKF	1
							2	SREDC[339]C[339]TKF	1
							2	TREKLC[330]FLDK	2
GPSN2_HUMAN (Q9NZ01) Synaptic glycoprotein SC2 [MASS=36034]	0.00	9.42	0.67	0.00	1	2	2	EKLC[330]FLDKVEPHATIAIEIK	1
							2	TREKLC[339]FLDK	1
							3	C[339]QGPPGVDLYRLEK	3
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.30	4.13	1.69	0.11	2	1			
GRAA_HUMAN (P12544) Granzyme A precursor (EC 3.4.21.78) (Cytotoxic T-lymphocyte proteinase 1) (Hanukkah factor) (H factor) (HF) (Granzyme-1) (CTL tryptase) (Fragmentin-1) [MASS=28969]	*	15.65	*	*	*	2	2	EEPTKQIMLVKK	1
							3	GDDVKPGTMC[330]QVAGWGRTHNSASWSDTLR	1
GRIA1_HUMAN (P42261) Glutamate receptor 1 precursor (GluR-1) (GluR-A) (GluR-K1) (Glutamate receptor ionotropic, AMPA 1) (AMPA-selective glutamate receptor 1) [MASS=101535]	*	1.99	*	*	*	2	3	PFM[147]SLGISIM[147]IKK	1
							1	HDSIR	1
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	0.00	1.11	0.90	0.00	1	1	2	KFVIDC[330]EIER	1

GRIK3_HUMAN (Q13003) Glutamate receptor, ionotropic kainate 3 precursor (Glutamate receptor 7) (GluR-7) (GluR7) (Excitatory amino acid receptor 5) (EAA5) [MASS=104031]	*	2.29	*	*	*	2	2	PSALVKNNEEGIQR	1
							2	GMPHVIR	1
GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	0.00	3.14	*	*	*	2	2	YEGFC[330]VDM[147]LKELAEILR	1
							2	DPTPLLKEIRDDK	1
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	0.00	6.25	*	*	*	4	1	DPGPSGK	2
							3	PTAFFC[330]PQDGS LGAGSSAM[147]R	1
							2	VRPGSALAAAVAPPEPAEPVR	1
							3	ETPQASEKVDPGSC[330]R	1
GRK7_HUMAN (Q8WTQ7) G protein-coupled receptor kinase 7 precursor (EC 2.7.11.16) (G protein-coupled receptor kinase GRK7) [MASS=62211]	0.00	6.33	0.64	0.00	1	2	2	SLALPGLQGC[330]AELR	1
							2	FLQWKL FEM[147]QPVSDKYFTEFR	1
GRN_HUMAN (P28799) Granulins precursor (Proepithelin) (PEPI) [Contains: Acrogranin; Paragranulin; Granulin-1 (Granulin G); Granulin-2 (Granulin F); Granulin-3 (Granulin B); Granulin-4 (Granulin A); Granulin-5 (Granulin C); Granulin-6 (Granulin D); Granul	*	1.18	*	*	*	1	1	SPHVGVK	1
[MASS=63544]									
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	0.00	3.24	1.19	0.08	2	2	2	TIAPC[339]QK	1
							2	M[147]EEFKDQLPADEC[339]NK	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	*	8.57	*	*	*	5	3	AILRVAELSSDDFHLDRHLYFAC[330]R	1
							2	LDPALQDKC[330]LIDL GK	1
							3	VAPADGFSDLAM[147]QVM[147]TSPSK	1
							2	VAPADGFSDLAM[147]QVM[147]TSPSK	1
							3	VFKLQETEMMDPELDYTLMR	1
							3	SDIKNFC[339]SAVQYGNAQIIEC[330]LK	1
GSTA3_HUMAN (Q16772) Glutathione S-transferase A3-3 (EC 2.5.1.18) (GST class-alpha) [MASS=25301]	0.00	10.81	0.68	0.00	1	1	3	ALIDM[147]YTEGM[147]ADLNEMILLPLC[330]R	1

GSTO1_HUMAN (P78417) Glutathione transferase omega-1 (EC 2.5.1.18) (GSTO 1-1) [MASS=27566]	0.00	7.05	0.42	0.00	1	1	2	LEAM[147]KLNEC[330]VDHTPKLK	1
GTR3_HUMAN (P11169) Solute carrier family 2, facilitated glucose transporter member 3 (Glucose transporter type 3, brain) [MASS=53924]	*	5.44	*	*	*	1	2	AFEGQAHGADRSGKDGVM[147]EMNSIEPAK	1
GTR8_HUMAN (Q9NY64) Solute carrier family 2, facilitated glucose transporter member 8 (Glucose transporter type 8) (Glucose transporter type X1) [MASS=50793]	*	6.50	*	*	*	1	3	KLSLLLC[330]SVPFVAGFAVITAAQDVWM[147]LLGGR	1
GUAA_HUMAN (P49915) GMP synthase [glutamine-hydrolyzing] (EC 6.3.5.2) (Glutamine amidotransferase) (GMP synthetase) [MASS=76715]	*	3.75	*	*	*	1	3	ISQM[147]PVILTPLHFDRDPLQKQPSC[339]QR	1
GUAD_HUMAN (Q9Y2T3) Guanine deaminase (EC 3.5.4.3) (Guanase) (Guanine aminase) (Guanine aminohydrolase) (GAH) (p51-nedasin) [MASS=51003]	0.91	5.73	0.44	0.00	1	1	3	GASIAHC[330]PNSNLSLSSGFLNVLEVLK	1
GUC2F_HUMAN (P51841) Retinal guanylyl cyclase 2 precursor (EC 4.6.1.2) (Guanylate cyclase 2F, retinal) (RETGC-2) (Rod outer segment membrane guanylate cyclase 2) (ROS-GC2) (Guanylate cyclase F) (GC-F) [MASS=124821]	0.00	2.08	0.81	0.00	1	1	3	PPPVYRPVVPPEHAPPEC[339]LQLM[147]K	1
GUSL1_HUMAN (Q9NQQ0) Beta-glucuronidase-like protein 1 (SMA3-like protein) [MASS=15472]	0.00	7.86	*	*	*	1	2	LEVC[330]LLNAENK	1
GUSL3_HUMAN	0.00	15.71	0.38	0.00	1	1	3	LLLLVSQLRAPGVDSAAAGRPV	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	23.97	0.52	0.11	4	2	3	GTFATLSELHC[339]DKLHVDPENFR	1
							2	GTFATLSELHC[330]DK	1
							3	GTFATLSELHC[330]DKLHVDPENFR	1
							2	GTFATLSELHC[330]DKLHVDPENFR	1

HCD2_HUMAN (Q99714) 3-hydroxyacyl-CoA dehydrogenase type-2 (EC 1.1.1.35) (3-hydroxyacyl-CoA dehydrogenase type II) (Type II HADH) (3-hydroxy-2-methylbutyryl-CoA dehydrogenase) (EC 1.1.1.178) (Endoplasmic reticulum-associated amyloid beta-peptide-binding [MASS=26792]	0.00	10.38	0.99	0.00	1	1	3	KLGNNC[339]VFAPADVTSEKDVQTALALAK	1
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	*	4.46	*	*	*	1	2	FAGLHFFNPVPVMK	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	*	1.53	*	*	*	2	3 2	TPPPELLQTLTAVGGIGQLTAAKEESGGR LLC[339]TPFRVLARMVDILAC[339]R	1 1
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	*	0.98	*	*	*	1	2	NTSELVSSEVYLLSALAALQK	1
HEAT2_HUMAN (Q86Y56) HEAT repeat-containing protein 2 [MASS=93533]	0.00	2.57	1.00	0.00	1	1	2	AQETM[147]DSLAMVEGVSSC[339]QDL YR	1
HECD1_HUMAN (Q9ULT8) E3 ubiquitin-protein ligase HECTD1 (HECT domain-containing protein 1) (E3 ligase for inhibin receptor) (EULIR) [MASS=289593]	0.00	2.11	1.23	0.00	1	3	2 2 3	VDATDASYPSVNTC[339]VHYLK RLLPVFAQTFQQTMLPSIR ALC[339]NRLVVVELNNRTSR	1 1 1
HELI_HUMAN (Q9UKS7) Zinc finger protein Helios [MASS=59559]	*	3.99	*	*	*	1	3	LKC[339]DVC[339]GMVC[339]IGPNVLM[147]VHKR	1
HELZ_HUMAN (P42694) Probable helicase with zinc-finger domain (EC 3.6.1.-) [MASS=218970]	*	0.67	*	*	*	1	2	QWDEQLDPRLNAK	1
HEM1_HUMAN (P13196) 5-aminolevulinate synthase, nonspecific, mitochondrial precursor (EC 2.3.1.37) (5-aminolevulinic acid synthase) (Delta-aminolevulinate synthase) (Delta-ALA synthetase) (ALAS-H) [MASS=70580]	0.00	10.78	0.60	0.00	1	3	2 2 3	TDGGDPSGLLKNFQDIMQK M[147]M[147]PGC[330]EIYSDSGNHASM[147]IQGIR SYAAGFIFTSLPPMLLAGALESVRILK	1 1 1
HEM6_HUMAN (P36551) Coproporphyrinogen III oxidase, mitochondrial precursor (EC 1.3.3.3) (Coproporphyrinogenase) (Coprogen oxidase) (COX) [MASS=50152]	0.00	2.20	*	*	*	1	1	YVEFNLLYDR	1

HEP2_HUMAN (P05546) Heparin cofactor 2 precursor (Heparin cofactor II) (HC-II) (Protease inhibitor leuserpin 2) (HLS2) [MASS=57070]	0.00	4.21	2.59	0.00	1	1	2	DALENIDPATQMMILNC[339]IYFK	1
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	2.06	1.40	0.00	1	1	2	NKGLPFTC[339]KAFVFDK	2
HIC1_HUMAN (Q14526) Hypermethylated in cancer 1 protein (Hic-1) (Zinc finger and BTB domain-containing protein 29) [MASS=76467]	0.00	5.73	1.09	0.00	1	2	2 2	GGSGSPGPEPPGRPDGPSLLYR SGEC[330]AGQTMMLDTMEAPGHSR	1 1
HIG2A_HUMAN (Q9BW72) HIG1 domain family member 2A [MASS=11528]	*	16.04	*	*	*	1	3	M[147]ATPGPVIPEVPFEPK	1
HINT1_HUMAN (P49773) Histidine triad nucleotide-binding protein 1 (Adenosine 5'-monophosphoramidase) (Protein kinase C inhibitor 1) (Protein kinase C-interacting protein 1) (PKCI-1) [MASS=13671]	0.00	52.00	1.41	0.00	1	2	3 3	HISQISVAEDDDDESLLGHLM[147]IVGKKC[339]AADLGLNK MNVNEGSDGGQSVYHVHLHVLGGRQM[147]HWPPG	1 1
HIP1_HUMAN (O00291) Huntingtin-interacting protein 1 (HIP-1) [MASS=115442]	*	2.04	*	*	*	1	3	MWGHLSSEGYQLC[330]SIYKLLR	1
HMCN1_HUMAN (Q96RW7) Hemicentin-1 precursor (Fibulin-6) (FIBL-6) [MASS=613386]	*	2.84	*	*	*	7	3 3 2 3 3 3 3	VTLSDEGFYEC[339]IAVSSAGTGR NAAPKDAGIYGC[339]LASNSAGTDK C[339]MAANTAGDHHKEFEVTVHVPPTIK MLRLM[147]QTTMEDAGQYTC[330]VVR RTVDLTVQVPPSIADPTDFLVTK YSILENGFLHIQSAHVTDGTGR AETEDSGKYTC[339]IASNEAGEVSKHFILK	1 1 1 1 1 1 1
HMCS1_HUMAN (Q01581) Hydroxymethylglutaryl-CoA synthase, cytoplasmic (EC 2.3.3.10) (HMG-CoA synthase) (3-hydroxy-3-methylglutaryl coenzyme A synthase) [MASS=57293]	0.00	1.92	2.22	0.00	1	1	2	NNLSYDC[339]JGR	1
HPLN2_HUMAN (Q9GZV7) Hyaluronan and proteoglycan link protein 2 precursor (Brain link protein 1) [MASS=37775]	0.96	9.12	0.49	0.07	2	2	2 2	LTLSEAHAAAC[330]JR SFGFPRPQQAAYGTYC[330]YAEN	1 1

HPRT_HUMAN (P00492) Hypoxanthine-guanine phosphoribosyltransferase (EC 2.4.2.8) (HGPRT) (HGPRTase) [MASS=24448]	*	12.44	*	*	*	1	3	FVVGALDYNEYFRDLNHVC[330]VISETGK	1
HRX_HUMAN (Q03164) Zinc finger protein HRX (ALL-1) (Trithorax-like protein) [MASS=431748]	*	1.99	*	*	*	5	3	ATSM[147]DLPMPMRFR	1
							2	RFIEDEDYDPPIKIAR	1
							3	PEDAGEKEHVTKSSVGHK	1
							2	LFSPLHSGTRFDM[147]HKR	1
							2	ATSMDLPMPMRFRHLK	1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	0.98	5.36	0.58	0.00	1	2	3 IKELNNTC[330]EPVVTQPKPK 3 LMSSNSTDLPLNIEC[339]FMNDKDVSGKM[147]NR	1 1	
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	0.63	2.60	0.84	0.00	1	1	2 VFIM[147]DNC[339]EELIPEYLNfir	1	
HSF2B_HUMAN (O75031) Heat shock factor 2-binding protein [MASS=37644]	0.00	5.99	1.46	0.00	1	1	2 VLLDTILQLLGDLKPGQC[339]TK	1	
HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	0.92	3.43	1.92	0.00	1	1	2 AAAIGIDLTTYSC[330]VGVFQHGK	1	
HSP7C_HUMAN (P11142) Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8) [MASS=70898]	*	1.39	*	*	*	1	1	EIAEAYLGK	1
							2	SAATSGAGSTTSGVVSGSLGSR	1
							2	SFDQADRAKFLQFVTGTSK	1
							2	HWVIRSLLSILQR	1
							3	AKFLQFVTGTSKVP LQGFAALEGM[147]NGIQK	1
							2	M[147]ILNLTQSSGFNGFTPLVTL LLLR	1
							3	STRM[147]ILNLTQSSGFNGFTPLVTL LLLR	1
							1	RKYFR	1
							2	FRLTFFIC[330]SVGFTSPM[147]LFDER	1
HUWE1_HUMAN (Q7Z6Z7) HECT, UBA and WWE domain-containing protein 1 (EC 6.3.2.-) (E3 ubiquitin protein ligase URE-B1) (Mcl-1 ubiquitin ligase E3) (Mule) (ARF-binding protein 1) (ARF-BP1) [MASS=481888]	*	3.61	*	*	*	8	2	SAATSGAGSTTSGVVSGSLGSR	1
							2	SFDQADRAKFLQFVTGTSK	1
							2	HWVIRSLLSILQR	1
							3	AKFLQFVTGTSKVP LQGFAALEGM[147]NGIQK	1
							2	M[147]ILNLTQSSGFNGFTPLVTL LLLR	1
							3	STRM[147]ILNLTQSSGFNGFTPLVTL LLLR	1
							1	RKYFR	1
							2	FRLTFFIC[330]SVGFTSPM[147]LFDER	1
HV3G_HUMAN (P01768) Ig heavy chain V-III region CAM [MASS=13668]	*	21.31	*	*	*	1	3	DBSKBTLYLQM[147]NSLRAEBTAVYYC[330]AR	1
HV3L_HUMAN (P01773) Ig heavy chain V-III region BUR [MASS=12981]	*	18.49	*	*	*	1	2	BTLYLZM[147]KTLRTEDTAVYYC[339]AK	1
HXB3_HUMAN (P14651) Homeobox protein Hox-B3 (Hox-2G) (Hox-2.7) [MASS=44344]	*	3.71	*	*	*	1	2	SAC[339]SLQSLGNAAPHAK	1
HXD12_HUMAN (P35452) Homeobox protein Hox-D12 (Hox-4H) [MASS=29535]	*	17.82	*	*	*	2	2	AAKYDYAGVGRATPGSTTLLQGAPC[330]APGFK	1
							2	RC[339]PC[330]SPGRPAVGGGPGEAR	1

								3	M[147]C[339]INTEWGAFGDDGSLEDIRTEFDR	1
								2	AAQLC[330]GAGM[147]AAVVDK	2
								2	AAQLC[339]GAGM[147]AAVVDKIR	1
								2	C[339]NVSFLLSEDGSGK	1
								2	AILQQLGLNSTC[330]DDSilVK	2
								2	LPVGFTFSFPC[330]QQSK	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	AILQQLGLNSTC[339]DDSilVK	3
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	19.85	1.17	0.08	26	11		2	ATDC[339]VGHDVVTLRL	1
								2	RAAQLC[339]GAGM[147]AAVVDK	1
								2	AAQLC[339]GAGM[147]AAVVDK	2
								2	KLPVGFTFSFPC[339]QQSK	1
								2	C[330]NVSFLLSEDGSGK	1
								2	ATDC[330]VGHDVVTLRL	1
								1	ATDC[339]VGHDVVTLRL	1
								3	AILQQLGLNSTC[339]DDSilVK	1
								1	ATDC[330]VGHDVVTLRL	1
								2	LPVGFTFSFPC[339]QQSK	3
								2	TVC[330]GVVSR	1
IBP5_HUMAN (P24593) Insulin-like growth factor-binding protein 5 precursor (IGFBP-5) (IBP-5) (IGF-binding protein 5) [MASS=30570]	*	5.15	*	*	*	1		3	HM[147]EASLQELKASPR	1
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	1.00	2.81	0.43	0.06	3	2		2	GNPEPSVHC[339]AR	1
								2	GNPEPSVHC[330]AR	1
								2	LFSC[330]EVDGKPQPSVK	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.96	7.38	1.00	0.02	3	2		2	C[339]REVAESC[339]K	1
								2	TFDLYANVRPC[339]VSIEGYK	1
								2	C[330]REVAESC[330]K	1

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	6.11	1.28	0.05	2	2	2	2	LGDGLFLQC[330]C[330]R TSLDLYANVIHC[339]K	1 1
								2	NILGGTVFREPIIC[339]K	1
								1	DLAGC[330]IHGLSNVK	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	15.27	1.10	0.10	8	5	2	2	VC[330]VETVESGAM[147]TK C[330]ATITPDEAR	1 1
							2	2	DLAGC[339]IHGLSNVK	1
							1	1	DLAGC[339]IHGLSNVK	1
							2	2	GKLDGNQDLIRFAQMLEK	1
							2	2	NILGGTVFREPIIC[330]K	1
							2	2	DLAGC[330]IHGLSNVK	1
IDLC_HUMAN (O14645) Axonemal dynein light intermediate polypeptide 1 (Inner dynein arm light chain, axonemal) (hp28) [MASS=29662]	*	3.49	*	*	*	1	2	2	YDTPVLVSR	1
IF122_HUMAN (Q9HBG6) Intraflagellar transport 122 homolog (WD repeat protein 10) [MASS=141968]	*	2.90	*	*	*	2	3	3	IFC[330]LHVFSISAVEVPQSAPM[147]YQYLDRK EWQM[147]ESLIR	1 1
IF140_HUMAN (Q96RY7) Intraflagellar transport 140 homolog (WD and tetratricopeptide repeats protein 2) [MASS=165192]	0.00	1.50	1.40	0.00	1	2	2	2	VASLC[339]WHPTR AQAFKNAIRLC[330]K	1 1
IF2M_HUMAN (P46199) Translation initiation factor IF-2, mitochondrial precursor (IF-2Mt) (IF-2(Mt)) [MASS=81344]	0.00	4.54	0.39	0.00	1	2	2	2	TGMDC[330]GLSLDEDNMEFQVGDR FKLTRNGHVIWK	1 1
IF3X_HUMAN (O75153) Putative eukaryotic translation initiation factor 3 subunit (eIF-3) [MASS=146669]	0.00	4.35	11.77	0.00	1	2	2	3	NRDRAEPMATEPAPAGAPGDLGSQPPAAK TFPPDLNFLPVPGEELPEEC[339]ARAGFPR	1 1
IF4G1_HUMAN (Q04637) Eukaryotic translation initiation factor 4 gamma 1 (eIF-4-gamma 1) (eIF-4G1) (eIF-4G 1) (p220) [MASS=175534]	*	2.88	*	*	*	3	3	2	RYDRELLGFQFIFASM[147]QK ELNKKEAVGDLLDAFK	1 1
							2	2	DRGEEDADGSK	1
IF4G3_HUMAN (O43432) Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G 3) (eIF-4-gamma II) (eIF4GII) [MASS=176651]	*	2.33	*	*	*	2	3	3	M[147]FFDC[330]LYDEEVISEDAFYK LDFIESDSPC[339]SSEALSKK	1 1

IFRD1_HUMAN (O00458) Interferon-related developmental regulator 1 (Nerve growth factor-inducible protein PC4) [MASS=50268]	0.62	5.32	1.71	0.00	1	1	2	AAAALASVLC[330]IQLGPGIESEEILK	1
IF_HUMAN (P27352) Gastric intrinsic factor precursor (Intrinsic factor) (IF) (INF) [MASS=45416]	0.00	7.19	0.07	0.00	1	1	2	FAKTLANSSPFNVDTGAM[147]ATLALTC[330]MYNK	1
IG2R_HUMAN (P09565) Putative insulin-like growth factor 2-associated protein (Insulin-like growth factor II-associated protein) [MASS=9081]	0.51	26.19	0.92	0.00	1	1	2	QDTHPPSVIFC[330]LAGVGVPLPV	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	17.59	0.40	0.29	7	5	2	YQAQNFTLVC[330]IVSGGK	1
							2	C[330]TAQNPLGSTDTHTR	1
							1	LLLHC[330]EGR	1
							3	EKDTATLNC[339]QSSGSKPAAR	1
							2	EDDGASIVC[330]SVNHESLK	1
							2	EKDTATLNC[330]QSSGSKPAAR	1
							2	PIITGYKSSLR	1
							2	EKDTATLNC[330]QSSGSK	1
							2	EDDGASIVC[339]SVNHESLK	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.84	8.32	0.64	0.00	1	3	2	LGKEGTDR	1
							3	LQAQDAGIYEC[330]HTPSTDTR	1
							3	AVLAHVDVQTLSSQLAVTVGPGER	1
IKAP_HUMAN (O95163) IkappaB kinase complex-associated protein (IKK complex-associated protein) (p150) [MASS=150190]	0.00	4.73	2.36	0.00	1	3	2	GDGQFFAVSVVC[339]PETGAR	1
							3	LMFKEAFEC[339]MR	1
							3	NGLLHGHTLPFLKDEVKVNLLWNADSSVLAVR	1
IKKA_HUMAN (O15111) Inhibitor of nuclear factor kappa-B kinase alpha subunit (EC 2.7.11.10) (I kappa-B kinase alpha) (IKBKA) (IKK-alpha) (IKK-A) (IkappaB kinase) (I-kappa-B kinase 1) (IKK1) (Conserved helix-loop-helix ubiquitous kinase) (Nuclear factor N) [MASS=84653]	*	2.28	*	*	*	1	3	PFLHHLQPFTWHEKIKK	1

IL1R1_HUMAN (P14778) Interleukin-1 receptor type I precursor (IL-1R-1) (IL-1RT1) (IL-1R-alpha) (p80) (CD121a antigen) [MASS=65402]	*	8.96	*	*	*	3	2 2 1	LIC[330]FIALLISSLEADKC[330]K WNGSVIDEEDDPVLGEDYYSVENPANK LIIILVR	1 1 1
IL2_HUMAN (P60568) Interleukin-2 precursor (IL-2) (T-cell growth factor) (TCGF) (Aldesleukin) [MASS=17628]	*	17.65	*	*	*	1	3	HLQC[330]LEEEELKPLEEVLNLAQSKNFHLR	1
IL8_HUMAN (P10145) Interleukin-8 precursor (IL-8) (CXCL8) (Monocyte-derived neutrophil chemotactic factor) (MDNCF) (T-cell chemotactic factor) (Neutrophil-activating protein 1) (NAP-1) (Protein 3-10C) (Granulocyte chemotactic protein 1) (GCP-1) (Monocyte [MASS=11098]	*	28.28	*	*	*	1	3	VIESGPHC[330]ANTEIIVKLSDGRELC[330]LDPK	1
IMB1_HUMAN (Q14974) Importin beta-1 subunit (Karyopherin beta-1 subunit) (Nuclear factor P97) (Importin 90) [MASS=97170]	*	3.65	*	*	*	1	2	MFQSTAGSGGVQEDALMAVSTLVEVLGGEFLK	1
IMB3_HUMAN (O00410) Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) [MASS=123498]	0.00	7.03	1.74	0.00	1	4	3 2 3 3	LVLPM[147]IKEHIM[147]QM[147]LQNPDWKYR RM[147]LVQC[339]M[147]QDQEHPSIR KFHEKVIAALLQTMEDQGNQR GPEYLTQMWHFMC[339]DALIK	1 1 1 1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	4.09	*	*	*	2	2 2	IAGAGLLFVGGGIGGTILYAK ELAEQKATEK	1 1
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	*	1.44	*	*	*	1	2	TGDKILEVSGVDLQNASHEAVEAIK	1
INP5E_HUMAN (Q9NRR6) 72 kDa inositol polyphosphate 5-phosphatase (EC 3.1.3.36) (Phosphatidylinositol-4,5-bisphosphate 5-phosphatase) (Phosphatidylinositol polyphosphate 5-phosphatase type IV) [MASS=70150]	0.00	3.73	0.27	0.00	1	1	3	SPLAC[330]DDC[330]SLRSAKSSFSLLAPIR	1
IP3KA_HUMAN (P23677) Inositol-trisphosphate 3-kinase A (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase A) (IP3K A) (IP3 3-kinase A) [MASS=51008]	0.47	3.69	1.12	0.00	1	1	3	ERDC[339]LPAAGSSHLQQPR	1

IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	*	5.39	*	*	*	2	3	ILQRELQNVQVNQKVGM[147]FEAHIQAQSSAIQAPR QQVVAAGTLPSPGPPEAK	1 1
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	*	2.89	*	*	*	1	3	SLNFVSTLLQITMSEQLDLPVRQAGVIYLK	1
IPO9_HUMAN (Q96P70) Importin-9 (Imp9) (Ran-binding protein 9) (RanbP9) [MASS=115831]	0.90	1.73	0.25	0.00	1	1	3	IPAGLC[330]ATAIDILTTVVR	1
IQEC2_HUMAN (Q5JU85) IQ motif and Sec7 domain-containing protein 2 [MASS=161735]	*	1.83	*	*	*	2	2	TIQTAFRQYRMNK M[147]IVGKKPVLSPHR	1 1
IQEC3_HUMAN (Q9UPP2) IQ motif and Sec7 domain-containing protein 3 [MASS=127596]	0.00	4.23	0.99	0.00	1	2	3	DVLDC[330]VVDEM[147]DFSSM[147]ELDEALRKFAQHIR QQGTKLSFKPC[339]GAQGDPQSK	1 1
IRAK2_HUMAN (O43187) Interleukin-1 receptor-associated kinase-like 2 (IRAK-2) [MASS=65270]	*	3.39	*	*	*	1	2	PAPEIRC[339]PIPAFPDSVKPEK	1
IRX4_HUMAN (P78413) Iroquois-class homeodomain protein IRX-4 (Iroquois homeobox protein 4) (Homeodomain protein IRXA3) [MASS=54445]	0.00	7.13	1.52	0.00	1	2	3	IWSLAHTATAAAAAATSLSQTEFPSC[339]M[147]LK MTWPPRNK	1 1
ISL1_HUMAN (P61371) Insulin gene enhancer protein ISL-1 (Islet-1) [MASS=39036]	0.00	9.74	2.22	0.00	1	2	2	LYGIKC[339]AK TC[330]YAANPRPDALM[147]KEQLVEM[147]TGLSPR	1 1
ITA5_HUMAN (P08648) Integrin alpha-5 precursor (Fibronectin receptor subunit alpha) (Integrin alpha-F) (VLA-5) (CD49e antigen) [Contains: Integrin alpha-5 heavy chain; Integrin alpha-5 light chain] [MASS=114536]	0.00	4.67	0.85	0.00	1	2	2	EPLSDPVGTC[339]YLSTDNFTR TEKEPLSDPVGTC[339]YLSTDNFTRILEYAPC[339]R	1 1
ITAX_HUMAN (P20702) Integrin alpha-X precursor (Leukocyte adhesion glycoprotein p150,95 alpha chain) (Leukocyte adhesion receptor p150,95) (Leu M5) (CD11c antigen) [MASS=127886]	0.00	1.55	0.94	0.00	1	1	2	RWWC[330]DAVLYGEQGHWPGR	1
ITB7_HUMAN (P26010) Integrin beta-7 precursor [MASS=86903]	*	0.88	*	*	*	1	2	EGKAEDR	1

ITB8_HUMAN (P26012) Integrin beta-8 precursor [MASS=85632]	0.00	8.58	6.56	0.00	1	4	2	KYPVDLYYLVDVSASMHNIEK	1
							3	GQVC[330]SGRGTC[330]VC[339]GRC[330]EC[339]TDPR	1
							2	VLIIRQVILQWNSNK	1
							2	KC[339]DVTGGK	1
ITBP1_HUMAN (O14713) Integrin beta-1-binding protein 1 (Integrin cytoplasmic domain-associated protein 1) (ICAP-1) [MASS=21782]	*	7.50	*	*	*	1	3	RHSSSSSQSSEISTK	1
ITIH1_HUMAN (P19827) Inter-alpha-trypsin inhibitor heavy chain H1 precursor (ITI heavy chain H1) (Inter-alpha-inhibitor heavy chain 1) (Inter-alpha-trypsin inhibitor complex component III) (Serum-derived hyaluronan-associated protein) (SHAP) [MASS=101388]	*	4.72	*	*	*	2	2	RNHM[147]QYEIVIKVK	1
							3	QSSFKADVQAHGEGQEFSITC[339]LVDEEEM[147]KK	1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	0.00	14.77	0.76	0.00	1	2	2	NGVVYQTF[C[330]DMTSGGGGWTLVASVHENDMRGK	1
							2	ERC[339]HSAGDGLYFLRTK	1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	*	11.11	*	*	*	2	3	LVLAGGPLGLM[147]QAVLDHTIPYLHVR	1
							3	IGHFQLM[147]QGKM[147]ADMYTRLMAC[339]R	1
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	0.00	2.85	0.49	0.00	1	2	3	M[147]AADPEC[339]LDVGLAAM[147]VC[339]KELTLM[147]TEEETRLR	1
							3	M[147]AADPEC[330]LDVGLAAM[147]VC[330]K	1
JAG1_HUMAN (P78504) Jagged-1 precursor (Jagged1) (hJ1) (CD339 antigen) [MASS=133798]	*	2.71	*	*	*	3	2	TC[330]QLDANEC[330]EAK	1
							1	NSKM[147]SK	1
							3	C[339]KSQSGGKFTC[330]DC[339]NK	1
JHD1A_HUMAN (Q9Y2K7) JmjC domain-containing histone demethylation protein 1A (EC 1.14.11.-) (F-box/LRR-repeat protein 11) (F-box and leucine-rich repeat protein 11) (F-box protein FBL7) (F-box protein Lilina) [MASS=132792]	0.00	10.93	0.81	0.00	1	6	2	LQAITASSANLR	1
							2	YSLTELNM[147]AGC[339]NKLTQDTLIYLR	1
							3	LDLSHC[330]SHLTDQSSNLLTAVGSSTR	1
							2	M[147]KQSC[339]VLRQC[330]LAPR	1
							2	NSDGLGIKMPDPDFTVNDVKM[147]C[339]VGSR	1
							3	DPLIFKNSDGLGIKMPDPDFTVNDVK	1
JOS1_HUMAN (Q15040) Josephin-1 (Josephin domain-containing 1) [MASS=23198]	*	15.84	*	*	*	1	3	LSPNTM[147]VTPHKSM[147]LGNGNYDVNVIM[147]AALQTK	1
K0056_HUMAN (P42695) Protein KIAA0056 [MASS=168890]	0.00	4.61	0.29	0.00	1	4	3	YIFTLGDIQLC[330]PAR	1
							3	GLGSLQPPWC[330]PLDLR	1
							3	LPC[330]GEYAM[147]FIAWLKYSRSSK	1
							2	DFFAVDKQLASELEYDM[147]K	1

							2	ITDPKMTTC[330]HIDQLNTWYDM[147]K	1
							2	NLG MVC[339]R	7
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	4.31	238.64	0.00	1	3			
							2	EEM[147]VLDNIPKLLNC[330]LRDC[339]NVAIR	1
K0232_HUMAN (Q92628) Protein KIAA0232 (Fragment) [MASS=155619]	0.00	4.14	1.78	0.00	1	3	2	C[339]SDLTLEEMKKQAAVQC[339]LR	1
							2	IC[330]GVDRTQYRAIR	1
							3	GESGLEEYPDAKETPSNEERLLDFNR	1
K0427_HUMAN (O43310) Protein KIAA0427 [MASS=67586]	0.00	8.70	0.98	0.00	1	3	3	WHHGNM[147]KHPPGDKGEAGHR	1
							2	WHHGNM[147]KHPPGDKGEAGHR	1
							3	MALFM[147]VEGTKFRSLLNMLQK	1
							2	M[147]LC[339]PSESM[147]LTR	1
K0552_HUMAN (O60299) Protein KIAA0552 [MASS=71790]	0.00	9.66	1.33	0.00	1	3	3	EKVIEYQKQLQLSYVEMYQR	1
							2	ASSKSGSSSSM[147]GR	1
							3	NFHSM[147]QNLC[339]PPQTNGTPEGRQGPGLKGGGLDK	1
K0690_HUMAN (Q5JTH9) Protein KIAA0690 [MASS=143701]	0.00	5.63	0.57	0.00	1	4	2	WVLSC[330]LATLLRK	1
							2	VTVC[330]QALRTLITKGC[330]QAEADR	1
							2	EIC[330]AVLAAVTEVIR	1
							3	EC[330]VAPHM[147]ADIGSVTSSASGPAQSVAK	1
K1024_HUMAN (Q9UPX6) UPF0258 protein KIAA1024 [MASS=102992]	0.00	7.64	17.18	0.00	1	4	2	ETFISNEEPFVVQSC[339]VQKR	1
							2	SDC[339]DSSPEHNLTKIANGVPNSK	1
							3	SDC[339]DSSPEHNLTKIANGVPNSK	1
							3	SVLFYTAC[339]LDPNFPATLFKDKM[147]K	1
							1	HEPVKK	1
K1196_HUMAN (Q96KM6) Zinc finger protein KIAA1196 [MASS=97263]	*	1.46	*	*	*	1	2	HM[147]EVC[339]QKLQDALK	1
K1279_HUMAN (Q96EK5) Protein KIAA1279 [MASS=71814]	0.00	4.83	18.15	0.00	1	2	1	INNLNK	1
							3	YC[339]LTLMQNAQLSMQDNIGELDLK	1
K2C5_HUMAN (P13647) Keratin, type II cytoskeletal 5 (Cytokeratin-5) (CK-5) (Keratin-5) (K5) (58 kDa cytokeratin) [MASS=62447]	*	4.75	*	*	*	2	2	NKLAELEEALQK	1
							2	LDSELRNM[147]QDLVEDFK	1
K6PF_HUMAN (P08237) 6- phosphofructokinase, muscle type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme A) (PFK-A) (Phosphofructokinase-M) [MASS=85051]	*	4.24	*	*	*	1	3	GITNLC[330]VIGGDGSLTGADTFRSEWSDLLSDLQK	1

K6PL_HUMAN (P17858) 6-phosphofructokinase, liver type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme B) (PFK-B) [MASS=84917]	*	7.45	*	*	*	3	3	C[339]HDYYTTEFLYNLYSSEGKGVFDC[330]R	1
							2	GGSM[147]LGTKR	1
							3	QANWLSVSNIIQLGGTIIGSARC[330]K	1
K6PP_HUMAN (Q01813) 6-phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	*	6.63	*	*	*	2	3	NVLGHMQQGGAPSPFDRNFGTKISAR	1
							3	THSINALLIIGGFEAYLGLELSAAR	3
KAD4_HUMAN (P27144) Adenylate kinase isoenzyme 4, mitochondrial (EC 2.7.4.3) (Adenylate kinase 3-like 1) (ATP-AMP transphosphorylase) [MASS=25268]	0.96	19.73	1.40	0.00	1	2	2	ENIKASTEVGEMAK	1
							3	TLGQAEALDKIC[339]EVDLVISLNIPFETLKDR	1
KBL_HUMAN (O75600) 2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial precursor (EC 2.3.1.29) (AKB ligase) (Glycine acetyltransferase) [MASS=45285]	*	6.68	*	*	*	1	3	FRSKM[147]EAAGFTISGASHPIC[330]PVM[147]LGDAR	1
KBTB9_HUMAN (Q96CT2) Kelch repeat and BTB domain-containing protein 9 [MASS=71468]	*	2.60	*	*	*	1	3	YHMLPHARQEM[147]QTPRTR	1
KC1AL_HUMAN (Q8N752) Casein kinase I isoform alpha-like (EC 2.7.11.1) (CKI-alpha-like) (CK1) [MASS=39072]	0.00	9.50	*	*	*	2	3	TLNHQYDYTFDWTMLKQK	1
							2	GFPAEFAMYLNYC[339]R	1
KC1A_HUMAN	0.00	5.34	2.03	0.00	1	1	2	M[147]ASSSGSKAEFIVGGKYK	1

KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	32.43	0.68	0.15	21	8	3	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	2
							2	PENLLLASKLKGAAVK	1
							3	EYYSEADASHC[339]IQQILEAVLHC[339]HQMGVVHR	1
							3	NSKPVHTTILNPHIHLM[147]GDESAC[330]IAYIR	1
							2	QETVDC[330]LKK	3
							2	STVASC[339]M[147]HR	2
							2	QETVDC[339]LKK	2
							2	STVASC[330]MHR	2
							3	M[147]C[330]DPGMTAFEPEALGNLVEGLDFHR	1
							2	STVASC[330]M[147]HR	3
KCC2B_HUMAN (Q13554) Calcium/calmodulin- dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	8.73	0.71	0.04	4	3	2	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							2	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							3	LKGAILTTMLATR	1
							3	LYQQIKAGAYDFPSPEWDTVTPEAK	1
							2	STVASC[339]MHR	2
							2	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							3	MC[330]DPGMTAFEPEALGNLVEGLDFHR	1
							2	GTLPPAALEPQTTVIHNPVDGIK	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	1
KCC2D_HUMAN (Q13557) Calcium/calmodulin- dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	0.89	8.42	0.80	0.00	1	2	2	LC[330]TGHEYAAK	1
							2	LC[339]TGHEYAAK	1
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1
							3	IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR	1
							3	STVASM[147]M[147]HRQETVDC[330]LK	1
							3	STVASM[147]M[147]HRQETVDC[330]LK	1
							3	IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR	1
							3	STVASM[147]M[147]HRQETVDC[330]LK	1
							3	IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR	1
							3	STVASM[147]M[147]HRQETVDC[330]LK	1

KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al [MASS=137559])	0.00	3.72	1.96	0.07	2	3	2	HIVVC[339]GHITLESVSNFLK	1
							1	TYNM[147]LC[330]FGIYR	1
							2	MDALIIPVTMEVPC[339]DSR	1
KCNB2_HUMAN (Q92953) Potassium voltage-gated channel subfamily B member 2 (Voltage-gated potassium channel subunit Kv2.2) [MASS=102562]	0.00	5.82	0.08	0.00	1	3	2	ENRGSAQTTPSTAR	1
							3	STLSLPPEPVDIIRSKTC[339]SR	1
							2	EEGSSVSSPQDTGHNC[330]R	1
KCND2_HUMAN (Q9NZV8) Potassium voltage-gated channel subfamily D member 2 (Voltage-gated potassium channel subunit Kv4.2) [MASS=70536]	*	3.02	*	*	*	1	3	TPLSNSRSSLNAKMEEC[330]VK	1
KCNG4_HUMAN (Q8TDN1) Potassium voltage-gated channel subfamily G member 4 (Voltage-gated potassium channel subunit Kv6.4) [MASS=58979]	*	4.24	*	*	*	1	3	WGLC[339]MNRLREM[147]VENPQSGLPGK	1
							3	SKDYEFM[147]WNPHLGYILTC[339]PSNLGTGLR	1
							2	FC[339]TGLTQIETLFK	3
							2	FC[330]TGLTQIETLFK	4
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	23.88	0.72	0.12	14	5	1	FC[339]TGLTQIETLFK	1
							2	GFC[330]LPPHC[330]SR	1
							3	SKDYEFM[147]WNPHLGYILTC[330]PSNLGTGLR	2
							3	LGFSEVELVQMVVDGVKLLIEMEQR	1
							3	LAVEALSSLDGDLAGR	1
							1	FC[330]TGLTQIETLFK	3

KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	19.33	2.03	0.01	2	4	3	LGYLTC[330]PSNLGTGLRAGVHVRIPK	1
							3	LIDDHFLFDKPVSPLLTC[339]AGM[147]AR	1
							3	LGYLTC[339]PSNLGTGLRAGVHVRIPK	1
							2	LGYLTC[330]PSNLGTGLR	3
							2	LGYLTC[339]PSNLGTGLR	2
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.18	0.13	15	2	2	KHNNC[339]M[147]AEC[330]LTPAIYSK	1
							2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[330]ER	3
							3	HNNC[339]M[147]ASHLTPAVYAR	1
							2	HNNC[330]MASHLTPAVYAR	1
							2	HNNC[339]MASHLTPAVYAR	1
							3	SEVELVQLVIDGVNYLIDC[330]ER	3
							2	SEVELVQLVIDGVNYLIDC[339]ER	3
							3	SEVELVQLVIDGVNYLIDC[339]ER	2
KCTD5_HUMAN (Q9NXV2) Potassium channel tetramerization domain-containing protein 5 [MASS=26092]	0.00	21.37	0.87	0.00	1	2	3	TSQVPVKHVYRVLQC[339]QEEELTQMVSTM[147]SDGWK	1
							2	RC[339]SAGLGALAQRPGSVSK	1
KGP1A_HUMAN (Q13976) cGMP-dependent protein kinase 1, alpha isozyme (EC 2.7.11.12) (CGK 1 alpha) (cGKI-alpha) [MASS=76233]	0.00	4.48	*	*	*	1	3	GSFEDSTTRFYTAC[339]VVEAFAYLHSGIYR	1
KGP1B_HUMAN (P14619) cGMP-dependent protein kinase 1, beta isozyme (EC 2.7.11.12) (cGK 1 beta) (cGKI-beta) [MASS=77803]	0.00	2.77	1.26	0.00	1	1	2	SPQSKDLIKEAILDNDFMK	1
KI13A_HUMAN (Q9H1H9) Kinesin-like protein KIF13A (Kinesin-like protein RBKIN) [MASS=202258]	0.00	4.60	0.93	0.00	1	3	2	SLC[330]RTGSC[339]SELDAC[339]PSKISQPAR	1
							3	RGDPFYEAQENHNLIQVANVFLEC[330]LFC[330]DVK	1
							3	LQRGLDSYQRDEDEDGDDMDSYQEEDLNC[339]VR	1

KI13B_HUMAN (Q9NQT8) Kinesin-like protein KIF13B (Kinesin-like protein GAKIN) [MASS=202665]	*	5.37	*	*	*	5	2	VILNPVNTNLSKGDARGQPK	1
							3	QHDGEVKAEASWDSAVHGC[339]PQLSR	1
							1	STGLRLGAPEAR	1
							2	C[330]FAYDHC[330]FWSM[147]DESVKEK	1
							3	SYTM[147]M[147]GTADQPGLIPRLC[339]SGLFER	1
							3	AQPLEDLA GLKELFQTPVC[339]TDKPTTHEK	1
							2	TPSVGKAM[147]DTPK	1
							3	SPQPESFKTSRSSK	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	0.00	5.53	0.66	0.00	1	9	2	IAC[330]KSPPPEM[147]DTPSTRR	1
							3	ELFQTPGHTEESM[147]TDDKITEVSC[339]KSPQDPVK	1
							2	SPPPELTDATSTKRC[339]PK	1
							2	M[147]TSLETKTSDTETEPSK	1
							3	NIQKLPVESKSEETNTEIVEC[339]ILK	1
							2	C[330]MPAPEEIVEELPASK	1
KIF11_HUMAN (P52732) Kinesin-like protein KIF11 (Kinesin-related motor protein Eg5) (Kinesin-like spindle protein HKSP) (Thyroid receptor-interacting protein 5) (TRIP5) (Kinesin- like protein 1) [MASS=119273]	*	0.95	*	*	*	1	2	TPHVPYRESK	1
KIF6_HUMAN (Q6ZMV9) Kinesin-like protein KIF6 [MASS=92539]	0.00	2.46	1.34	0.00	1	1	2	DSLGGNC[339]MTTM[147]IATLSLEKR	1
KLD7B_HUMAN (Q96G42) Kelch domain- containing protein 7B [MASS=53295]	*	3.23	*	*	*	1	3	PGGWGVVEGPRKPSSR	1
KLF17_HUMAN (Q5JT82) Krueppel-like factor 17 (Zinc finger protein 393) [MASS=42577]	*	2.31	*	*	*	1	3	HM[147]RVHTRYR	1
KLF4_HUMAN (O43474) Krueppel-like factor 4 (Epithelial zinc-finger protein EZF) (Gut- enriched krueppel-like factor) [MASS=50078]	0.00	6.60	1.45	0.00	1	1	3	QEA VSSC[339]THLGAGPPLSNGHRPAAHDFPLGR	1
KNTC1_HUMAN (P50748) Kinetochore- associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	2.13	*	*	*	3	2	TALIYSDGLKEVLRAHAK	1
							2	RTYQNLVIEK	1
							2	QC[339]QMDDC[339]GILMKASFGTHK	1
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	0.69	4.32	0.45	0.00	1	2	3	TTRNDFM[147]GSLSFVSELM[147]K	1
							2	C[330]DTC[330]DM[147]NVHK	1
KPCD_HUMAN (Q05655) Protein kinase C delta type (EC 2.7.11.13) (nPKC-delta) [MASS=77477]	0.00	5.18	0.60	0.00	1	2	3	EKVANLC[330]GINQK	1
							3	FELYRATFYAAEIMC[330]GLQLHHSK	1

KPCE_HUMAN (Q02156) Protein kinase C epsilon type (EC 2.7.11.13) (nPKC-epsilon) [MASS=83673]	*	7.46	*	*	*	3	3	KQETPDQVGSQRFSVNMPHK	1
							2	SAPTSPC[330]DQEIKELENNIR	1
							2	DLKLDNILLDAEGHC[330]K	1
KPCG_HUMAN (P05129) Protein kinase C gamma type (EC 2.7.11.13) (PKC-gamma) [MASS=78447]	0.99	4.30	0.49	0.00	1	2	2	DVIVQDDDVDC[339]TLVEKR	1
							2	FEAC[330]NYPLELYER	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	10.00	0.64	0.21	4	4	2	GIFPVL[330]K	1
							2	AGKPVIC[330]ATQM[147]LESMIK	1
							2	NTGIIC[330]TIGPASR	1
							2	VNFAMNVGKARGFFK	1
							2	AGKPVIC[330]ATQM[147]LESM[147]IK	1
KR197_HUMAN (Q3SYF9) Keratin-associated protein 19-7 [MASS=6644]	0.00	19.05	5.80	0.00	1	1	2	RLGYGC[339]GYGGYR	1
KREM2_HUMAN (Q8NCW0) Kremen protein 2 precursor (Kringle-containing protein marking the eye and the nose) (Kringle domain-containing transmembrane protein 2) (Dickkopf receptor 2) [MASS=48849]	*	5.41	*	*	*	2	1	GHQNR	1
							2	VFSTVTAVSVLLLLLLGLLR	1
KRHB1_HUMAN (Q14533) Keratin, type II cuticular Hb1 (Hair keratin, type II Hb1) (ghHKb1) (ghHb1) (MLN 137) [MASS=54971]	0.00	4.75	0.78	0.00	1	2	2	REAEC[330]VEADSGR	1
							2	C[339]KLAELEGALQK	1
KRHB3_HUMAN (P78385) Keratin, type II cuticular Hb3 (Hair keratin, type II Hb3) [MASS=54214]	0.00	3.25	*	*	*	1	3	PGNFSC[339]VSAC[339]GPRPSR	1
KRIT1_HUMAN (O00522) Krev interaction trapped protein 1 (Krev interaction trapped 1) (Cerebral cavernous malformations 1 protein) [MASS=84347]	0.00	4.08	*	*	*	2	1	MLIALDK	1
							2	YGC[339]FMWQLGDTDTTC[330]FQIHSM[147]ENK	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	0.00	4.58	0.92	0.00	1	2	3	MTDEQVC[339]ETVEKYGANREEC[330]AR	1
							2	IHSSVGSC[330]JENIPSQQR	1
KV1P_HUMAN (P01608) Ig kappa chain V-I region Roy [MASS=11782]	0.00	22.22	1.86	0.00	1	1	3	VTITC[339]QASQDISIFLNWYQQKPGK	1
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	0.99	3.50	0.40	0.00	1	4	2	C[330]EASGKPEVQFR	1
							2	LVVFPTDDISLKC[330]EASGK	1
							1	FQGIYR	1
							1	EPIDLRVK	1

LAMA2_HUMAN (P24043) Laminin alpha-2 chain precursor (Laminin M chain) (Merosin heavy chain) [MASS=342769]	*	3.63	*	*	*	6	3	HLLSPQRAPERLIQLAEGNLNTLVTEMNELLTR	1
							3	TFSSSALLM[147]YLATRDRLRDFM[147]SVELTDGHIK	1
							3	QFGLSRNSHIAIAFDDTKVK	1
							2	C[330]SC[339]SDQTGQC[330]TC[339]K	1
							2	C[339]DGC[330]K	1
							2	NEDPC[330]FGPC[339]IC[339]K	1
LAMP1_HUMAN (P11279) Lysosome-associated membrane glycoprotein 1 precursor (LAMP-1) (CD107a antigen) [MASS=44773]	1.00	7.93	0.74	0.31	2	2	2	C[339]NAEEHVR	1
							2	C[330]NAEEHVR	1
							3	PLLLLLPVAAARPHALSSAAMFM[147]VK	1
LANC1_HUMAN (O43813) LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40) [MASS=45283]	*	5.51	*	*	*	1	2	IPQSHIQQIC[339]ETILTSGENLAR	1
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.99	7.33	1.42	0.15	2	2	2	LVHWC[339]HGAPGVIHM[147]LMQAYK	1
							2	LRSDC[330]ESQEC[330]VTK	1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.00	6.63	*	*	*	2	2	VIGSGC[330]NLDSAR	1
							1	DLNPDIGTDK	1
LDHA_HUMAN (P00338) L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH-A) (LDH muscle subunit) (LDH-M) (Proliferation-inducing gene 19 protein) (NY-REN-59 antigen) [MASS=36557]	0.00	14.20	*	*	*	2	3	VIGSGC[330]NLDSARFRYLMGER	1
							2	GLYGIKDDVFLSVPC[339]ILQNGISDLVK	1
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	13.81	0.51	0.17	5	2	2	GM[147]YGIENEVFLSLPC[339]ILNAR	1
							3	GM[147]YGIENEVFLSLPC[330]ILNAR	1
							2	LKGYTNWAIGLSVADLIESM[147]LKNLSR	1
							3	GMYGIENEVFLSLPC[330]ILNAR	1
							2	GM[147]YGIENEVFLSLPC[330]ILNAR	1
LDHC_HUMAN (P07864) L-lactate dehydrogenase C chain (EC 1.1.1.27) (LDH-C) (LDH testis subunit) (LDH-X) [MASS=36180]	0.00	6.04	*	*	*	1	2	ITIVGTGAVGM[147]AC[339]AISILLK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	11.19	0.45	0.12	2	1	2	FNAHGDANTIVC[330]NSK	1
							2	FNAHGDANTIVC[339]NSK	1

LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	5.95	1.05	0.00	1	2	3 2	EEEITKEEIDILSDAC[330]SKLQEQK LFEDELTLNLTLPQLVALC[339]K	1 1
LNK2_HUMAN (Q8N448) Ligand of Numb-protein X 2 (Numb-binding protein 2) (PDZ domain-containing RING finger protein 1) [MASS=76004]	*	4.49	*	*	*	1	3	C[330]GDM[147]IVAVNGLSTVGMSHSALVPMLKEQRNK	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	*	2.44	*	*	*	2	3 3	ALYEHLTAKNTKLDLFLK C[339]VANNQVETLEK	1 1
LRC21_HUMAN (Q9P2V4) Leucine-rich repeat-containing protein 21 precursor (Photoreceptor-associated LRR superfamily protein) (Retina-specific protein PAL) [MASS=68040]	0.00	7.06	0.70	0.00	1	2	2 2	KC[330]QGPELHPGVASIRSLGSTALLR C[339]ASPRSLAGVAFSQLELRK	1 1
LRC27_HUMAN (Q9C0I9) Leucine-rich repeat-containing protein 27 [MASS=60089]	*	3.96	*	*	*	1	2	LRQEIVEHVKADVLGDQLLTR	1
LRC57_HUMAN (Q8N9N7) Leucine-rich repeat-containing protein 57 [MASS=26754]	0.00	10.46	0.36	0.00	1	1	3	LTVLPDEIC[330]NLKKLETLSLNNHLR	1
LRC59_HUMAN (Q96AG4) Leucine-rich repeat-containing protein 59 [MASS=34930]	0.00	20.52	1.86	0.00	1	3	2 3 3	LTTLPSDFC[339]GLTHLVK LTTLPSDFC[330]GLTHLVKLDLSKNK WLDLKDNPDPVLAKVAGDC[339]LDEK	1 1 1
LRMP_HUMAN (Q12912) Lymphoid-restricted membrane protein (Protein Jaw1) [MASS=62092]	0.00	6.67	1.67	0.00	1	2	2 2	HTSSTDGTITSSDPGLEILNMASC[339]DLDR TRKPSLSEK	1 1
LRP1_HUMAN (Q07954) Low-density lipoprotein receptor-related protein 1 precursor (LRP) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD91 antigen) [MASS=504573]	0.25	1.94	1.99	0.00	1	5	3 3 3 2 1	LDGTLRTTLLAGDIEHPR C[330]LC[339]VEGYAPRGDPHSC[339]K SHAC[339]ENDQYGKPGGC[339]SDIC[339]LLANSHK LERGVGGAPPTVTLLRSER SVIVDTK	1 2 1 1 1

2	IEYSTDFPVNLTGLDLSQNNLSSVTNINVKK	1
1	STSLKVK	12

LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	*	9.04	*	*	*	3
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3	ELGINNM[147]PELISIDSLAVDNLPLDRK	1
3	IQKVDVYDEGSYTC[330]SVQQTQHEPK	1
3	VDVYDEGSYTC[330]SVQQTQHEPK	1
3	INGSISLAVPLWLLAASLLC[330]LLSKC[339]	1

LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	1.00	20.41	0.93	0.08	2	3
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LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	1.62	*	*	*	1
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2	GLQPQNLWNPTYRS	1
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LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.99	9.29	0.83	0.00	2	1
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2	QC[330]QPSDTV[330]ASVR	1
2	QC[339]QPSDTV[339]ASVR	1

M2GD_HUMAN (Q9UI17) Dimethylglycine dehydrogenase, mitochondrial precursor (EC 1.5.99.2) (ME2GLYDH) [MASS=96806]	*	6.93	*	*	*	2
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3	RRLVC[330]LTLATDDVDPEGNESIWYNGK	1
3	VLAGLYNPGDGHIDPYSLTM[147]ALAAGARKC[330]GALLK	1

M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.63	14.06	1.25	0.00	1	2
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2	GC[339]IPTM[147]AR	1
3	AVIGM[147]TAGATGAFVGTPAEVALIRMTADGRLPADQR	1

M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	0.00	6.44	0.99	0.00	1	3
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3	YDM[147]EVPDSGIDLQC[339]TLAPDGSAWSWR	1
1	SLAHAGVALAK	1
3	AEELMAC[339]AGLTSPRIVPLYGAVR	1

M3K4_HUMAN (Q9Y6R4) Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEKK 4) (MAP three kinase 1) [MASS=181550]	*	2.30	*	*	*	2
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3	IGEGQYGKVYTC[339]ISVDTGELMAM[147]K	2
2	TINDQDFFLYTAR	1

M3K5_HUMAN (Q99683) Mitogen-activated protein kinase kinase kinase 5 (EC 2.7.11.25) (MAPK/ERK kinase kinase 5) (MEK kinase 5) (MEKK 5) (Apoptosis signal-regulating kinase 1) (ASK-1) [MASS=154536]	*	2.47	*	*	*	1	3	HKNIVQYLGSFSENGFIKIFMEQVPGGSLSALLR	1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	*	3.22	*	*	*	10	2	QHTILMSDK	1
							3	HLWENLGEKIAHRQHK	1
							3	EETYNQLLDKGR	1
							3	AVVRVADERDR	1
							2	DIMEIEGEPAPDHR	1
							3	LEGIGQFHC[330]RVREMFSQLADLDDELDGMGAIGR	1
							3	EETDGLHEELEFIRILGADLIFAC[330]GETEKPEVR	1
							3	HINDLYEDLRDGHNLISLLEVLSGIK	1
							3	EIKFLDVLELAEK	1
							2	LMALGPIR	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	1.38	*	*	*	5	2	TC[339]KPAFLSEEKLYQETAIR	1
							2	LSVDNAFRHGLIGEDLAEK	1
							2	ASKGRDAEK	1
							2	QETNYQDSWVTSKTK	1
							3	PRM[147]SSDAKEFISIINPHNLK	1
MAGAB_HUMAN (P43364) Melanoma-associated antigen 11 (MAGE-11 antigen) [MASS=48129]	*	5.59	*	*	*	1	2	QVPGTDPAC[339]YEFLWGPRHAETSK	1
MAML3_HUMAN (Q96JK9) Mastermind-like protein 3 (Mam-3) [MASS=121692]	*	2.21	*	*	*	1	2	TSGELGPFNNGASYPLQAGQPRLTK	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	6.13	1.27	0.00	1	2	2	FGINC[339]LIQFEDFANANAFR	1
							2	ILGLGDLGC[339]YGM[147]GIPVGK	1
MAOX_HUMAN (P48163) NADP-dependent malic enzyme (EC 1.1.1.40) (NADP-ME) (Malic enzyme 1) [MASS=64149]	*	4.55	*	*	*	2	1	HTHQR	1
							3	EKFAHEHEEM[147]KNLEAIVQEIK	1
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	1.00	2.75	0.64	0.05	2	5	2	LSKPC[330]C[330]YIFPGGR	1
							3	SSLLLDTVTSIPSSR	1
							3	RSPTPGKGSXDR	1
							3	SFQYADIYEQM[147]M[147]LTGLGPAC[330]PTR	1
							2	SIEEAC[330]LTQLHLNR	1

MAP1B_HUMAN (P46821) Microtubule-associated protein 1B (MAP 1B) [Contains: MAP1 light chain LC1] [MASS=270618]	0.00	1.99	*	*	*	2	3	HPDVSMVDPEALAIEQNLGKALK	1
							2	DAYC[330]SEVKASTTLDIKDSISAVSSEK	1
MAASP2_HUMAN (O00187) Mannan-binding lectin serine protease 2 precursor (EC 3.4.21.104) (Mannose-binding protein-associated serine protease 2) (MASP-2) (MBL-associated serine protease 2) [Contains: Mannan-binding lectin serine protease 2 A chain; Mannan-b [MASS=75685]	*	1.31	*	*	*	1	2	HDASALDIR	2
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	4.05	*	*	*	3	3	PLSPLSVPTAGSSPLDSPR	1
							3	SPSPLPGHPPAPARSPR	1
							2	IGLM[147]SMATNLYEGHIEK	1
							2	C[339]VKVDLSEK	2
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	0.00	4.13	0.49	0.00	1	3	2	GRVETSRVVHIMDFQR	1
							1	KDGSASAAAK	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	0.99	11.55	1.25	0.09	2	3	2	ITLIIGGSYGAGNYGMC[330]GR	1
							2	GTHFVQLC[339]C[339]QR	2
							3	DGAKM[147]VAAVAC[330]AQVPKITLIIGGSYGAGNYGM[147]C[330]GR	1
MCE1_HUMAN (O60942) mRNA capping enzyme (HCE) (HCAP1) [Includes: Polynucleotide 5'-triphosphatase (EC 3.1.3.33) (mRNA 5'-triphosphatase) (TPase); mRNA guanylyltransferase (EC 2.7.7.50) (GTP--RNA guanylyltransferase) (GTase)] [MASS=68556]	*	2.85	*	*	*	1	2	GVTQVTTQPKLGEVQK	1
MDGA1_HUMAN (Q8NFP4) MAM domain-containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	0.00	1.26	0.40	0.00	1	1	2	LSC[330]HVDVAPQEK	1

MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.99	6.01	0.40	0.08	3	2	3	ENFSC[339]LTRLDHNR	1
							2	AIC[330]DHVR	2
							2	AIC[339]DHVR	1
							2	PVSAALRRSFSTSAQNNAK	1
							3	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
							2	TIIP LISQC[339]TPK	1
							2	SQETEC[339]TYFSTPLLLGK	2
							2	GYLGPEQLPDC[339]LK	3
							2	TIIP LISQC[330]TPK	1
							2	GYLGPEQLPDC[330]LK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	39.94	1.16	0.07	19	8	2	GC[330]DVVVIPAGVPR	2
							3	GYLGPEQLPDC[330]LKGC[330]DVVVIPAGVPR	1
							2	GC[339]DVVVIPAGVPR	2
							1	TIIP LISQC[339]TPK	1
							2	SQETEC[330]TYFSTPLLLGKK	1
							2	SQETEC[330]TYFSTPLLLGK	2
							2	VSSFEEKMISDAIPELK	1
MEGF8_HUMAN (Q7Z7M0) Multiple epidermal growth factor-like domains 8 (EGF-like domain-containing protein 4) (Multiple EGF-like domain protein 4) [MASS=254572]	*	1.84	*	*	*	2	2	C[339]HPRATC[330]LNTPLSYEC[330]HC[339]QR	1
							3	YSHVA AVLGGSVLLVAGGYSGRPR	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	0.00	3.87	0.81	0.00	1	1	3	QPKTFTVRIVTMDAEM[147]EFNC[330]EMK	1
							3	QPKTFTVRIVTMDAEMEFNC[330]EM[147]K	2
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	6.08	1.23	0.00	1	2	2	VLPSGIGHTTNC[330]FLR	1
							3	TSNGKSTVINAM[147]LWDKVLPSGIGHTTNC[330]FLR	1
MGR2_HUMAN (Q14416) Metabotropic glutamate receptor 2 precursor (mGluR2) [MASS=95567]	0.00	3.21	3.52	0.00	1	2	2	ALC[339]PNTR	1
							3	IM[147]FVVNAVYAM[147]AHALHNMHR	1

								3	GALGSIALLGLVGTTVC[330]SAFQHLGWVK	2
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	48.03	0.95	0.02	7	3		2	YKVEYPIMYSTDPENGHIFNC[330]IQR	1
								2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
								3	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
								2	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
								2	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
								2	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
								3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
MICA2_HUMAN (O94851) Protein MICAL-2 [MASS=126688]	0.00	2.58	0.32	0.00	1	1		3	AQATSPDLESMRKSFPLNLGSDTC[330]YFC[330]K	1
MIER1_HUMAN (Q8N108) Mesoderm induction early response protein 1 (Mi-er1) (hmi-er1) (Early response 1) (Er1) [MASS=60653]	0.00	9.33	0.63	0.00	1	2		2	EIMVGSMFQAEIPVGIC[330]R	1
								3	DSSGQEDETQSSNDPSQSVASQDAQEIIRPR	1
MINK1_HUMAN (Q8N4C8) Misshapen-like kinase 1 (EC 2.7.11.1) (Mitogen-activated protein kinase kinase kinase 6) (MAPK/ERK kinase kinase 6) (MEK kinase 6) (MEKKK 6) (Misshapen/NIK-related kinase) (GCK family kinase MiNK) [MASS=149808]	*	4.50	*	*	*	2		3	KRFNSEILC[330]AALWGVNLLVGTEGLM[147]LLDR	1
								3	IIDVVLQWGEMPTSVAYIC[330]SNQIMGWGEK	1
MLL2_HUMAN (O14686) Myeloid/lymphoid or mixed-lineage leukemia protein 2 (ALL1-related protein) [MASS=564181]	0.00	3.50	1.16	0.00	1	9		1	PALHLR	1
								3	ASPVPSPDPEKPGTPGEGMLSSDLDRISTEELPK	1
								3	QPGLPQPLMPTQPPAHALQQR	1
								3	AEINGHIDSKLAGLEQK	1
								3	GSEVSVM[147]LTVSAAADKNLNGVM[147]VAVAELLSMK	1
								3	PVAPVAPPELVPMK	1
								3	LAPEGLRGLAVSGLPPQK	1
								3	REANGEPIGAPGTSNHLLLAGPR	2
								2	GYHTFC[339]LKPPM[147]EELPAHSWK	1
MLP3A_HUMAN (Q9H492) Microtubule-associated proteins 1A/1B light chain 3A precursor (MAP1A/MAP1B LC3 A) (MAP1A/1B light chain 3 A) (MAP1 light chain 3-like protein 1) (Microtubule-associated protein 1 light chain 3 alpha) (Autophagy-related protein LC3 A) [MASS=14272]	0.00	6.61	0.86	0.00	1	1		2	C[339]KEVQQIR	1

MMP25_HUMAN (Q9NPA2) Matrix metalloproteinase-25 precursor (EC 3.4.24.-) (MMP-25) (Membrane-type matrix metalloproteinase 6) (MT-MMP 6) (Membrane-type-6 matrix metalloproteinase) (MT6-MMP) (Leukolysin) [MASS=62554]	0.00	3.38	0.28	0.00	1	1	3	C[330]EGNFDAIANIRGETFFFK	1
							1	TFPGIPK	19
MMP3_HUMAN (P08254) Stromelysin-1 precursor (EC 3.4.24.17) (Matrix metalloproteinase-3) (MMP-3) (Transin-1) (SL-1) [MASS=53977]	*	1.47	*	*	*	1			
MMS19_HUMAN (Q96T76) MMS19-like protein (hMMS19) (MET18 homolog) [MASS=113275]	0.00	2.91	0.58	0.00	1	2	2 2	AC[330]DSVTSNVLP LLLEQFHK LLQAAAGASAR	1 1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.99	13.64	1.52	0.01	2	3	3 3 2	RVQANM[147]GAKNHGVVMPDANK LLQDSGAPDGT LNIIHGQHEAVNFIC[339]DHPDIK IKVKG YENGNFVGPTIISNVK	1 2 1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.99	19.84	0.83	0.00	1	4	2 3 2	FSDEGGFTC[339]FFR NATGM[147]EVGWYRPPFSR ALVGDEVELPC[339]R VIGPRHPIR	1 2 1 1

MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	*	5.98	*	*	*	2	3	M[147]TGGVTSELPETEYSLRAFC[330]GILYMKPR	1
							3	TVFIDVEEVKNKSC[339]LTFTDDGC[339]GM[147]TPHK	1
							2	VLYSNMLGEENTYLWR	1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.96	14.09	1.09	0.00	1	4	3	LPRPPPEMPESLKK	1
							2	QIPYTMM[147]KFAC[339]FER	1
							2	FAC[330]FER	1
							1	FAC[330]FER	1
MPPA_HUMAN (Q10713) Mitochondrial-processing peptidase alpha subunit, mitochondrial precursor (EC 3.4.24.64) (Alpha-MPP) (P-55) [MASS=58253]	0.99	2.10	1.02	0.00	1	1	2	HGGIC[330]DC[330]QTSR	1
							3	FISSPMKEKGNIQLSYSDGDDC[330]GHGK	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD [MASS=274274])	*	5.90	*	*	*	7	3	NGSKNLGKFISSPMK	1
							3	YDFYINVC[330]GPVSVSPC[339]QPDGAC[330]QVAK	1
							3	M[147]DGC[339]TLTDEQLLYSFNLSSLSTSTFKVTR	1
							2	YASAC[339]QM[147]KYEK	1
							3	TQYAC[339]PPFDLTEC[330]SFKDGAGNSFDLSSLSR	1
							1	GKSSSAQQK	1
MRC2_HUMAN (Q9UBG0) Macrophage mannose receptor 2 precursor (Urokinase receptor-associated protein) (Endocytic receptor 180) (CD280 antigen) [MASS=166654]	0.00	1.35	*	*	*	1	2	ISYHGSC[339]PQGLADSAWIPFR	1
MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	*	2.53	*	*	*	1	3	PLAC[339]IIGYLEIHPAK	1
MTCH1_HUMAN (Q9NZJ7) Mitochondrial carrier homolog 1 (Presenilin-associated protein) [MASS=41544]	*	5.40	*	*	*	1	3	IGLFRGLSPRLMSNALSTVTR	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.99	9.24	0.80	0.00	1	2	2	VPFGKTYC[339]C[339]DLKM[147]LI	1
							2	LC[330]SGVLGTVVHGK	1
MTMR6_HUMAN (Q9Y217) Myotubularin-related protein 6 (EC 3.1.3.-) [MASS=71953]	0.00	10.47	0.34	0.00	1	3	3	AITVENASVLVHC[330]SDGWDR	1
							3	TSQVC[339]SLGSLLLDSYYRTIK	1
							3	LALTTSGC[339]PLVIQC[330]KNFRTVHFIVPR	1
MTMRD_HUMAN (Q86WG5) Myotubularin-related protein 13 (SET-binding factor 2) [MASS=208463]	*	3.03	*	*	*	3	2	ASFKKLMR	1
							2	HFPSESDSLAGEAGPRSQR	1
							2	VSGLIQPAEVFAPKSLVLVSRLYPEIFR	1

MUC2_HUMAN (Q02817) Mucin-2 precursor (Intestinal mucin-2) [MASS=540296]	0.00	1.95	1.39	0.00	1	5	3	AQALDHSC[330]SC[330]C[339]KEEKTSQR	1
							2	FPGLC[330]DYNFASDC[339]RGSYKEFAVHLK	1
							3	VQC[339]DVSVGFIC[339]K	1
							3	SLSEADSHC[339]LEGFAPVDGC[339]GC[339]PDHTFLDEK	1
							2	PIYEEDLKKC[330]VTADK	1
MX2_HUMAN (P20592) Interferon-induced GTP-binding protein Mx2 (Interferon-regulated resistance GTP-binding protein MxB) (p78- related protein) [MASS=82088]	*	6.71	*	*	*	2	3	AENM[147]IQLQFRM[147]EQMVFC[330]QDQIYSVVLKK	1
							3	MEQM[147]VFC[339]QDQIYSVVLKKVR	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	*	1.75	*	*	*	3	3	TGYADHM[147]GLTR	1
							2	QLAVASPEREIPESISQPNK	1
							2	QSATSSRILSPR	1
MYCN_HUMAN (P04198) N-myc proto- oncogene protein [MASS=49561]	*	3.23	*	*	*	1	3	SEASPRPLKSVIPPK	1
MYH9_HUMAN (P35579) Myosin-9 (Myosin heavy chain, nonmuscle IIa) (Nonmuscle myosin heavy chain IIa) (NMMHC II-a) (NMMHC-IIA) (Cellular myosin heavy chain, type A) (Nonmuscle myosin heavy chain-A) (NMMHC-A) [MASS=226400]	0.53	3.57	0.81	0.00	1	4	2	HEAM[147]ITDLEER	1
							3	SM[147]EAEM[147]IQLQEELAAER	1
							2	SM[147]M[147]QDREDQSILC[330]TGESGAGKTENTK	1
							2	KLEEEQIILEDQNC[330]K	1
MYO5A_HUMAN (Q9Y411) Myosin-5A (Myosin Va) (Dilute myosin heavy chain, non-muscle) (Myosin heavy chain 12) (Myoxin) [MASS=215420]	0.93	2.16	0.96	0.00	1	4	2	C[330]IEEHADR	1
							3	KLATATETYIK	1
							2	EHKAVIIQK	1
							2	MPKGTDDTWAQK	1
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	*	4.83	*	*	*	5	3	EQALDVRFDAFVKGIYGR	1
							3	ELLEQM[147]ERARHEPVNHSDM[147]VDK	1
							2	MDDLTSYISQMLTAM[147]SKQR	1
							3	DAFVKGIYGRLFVWIVDK	1
							3	LLC[339]ETSLGYKM[147]DDLTSYISQM[147]LTAMSKQR	1
MYO9B_HUMAN (Q13459) Myosin-9B (Myosin IXb) (Unconventional myosin-9b) [MASS=243556]	*	2.55	*	*	*	3	3	LVAASPSAM[147]LSQSLLSDR	1
							2	LLPSLAKAQPAETTDGERSAK	1
							2	VTQEQGVSLLEDK	1
MYOTI_HUMAN (Q9UBF9) Myotilin (Titin immunoglobulin domain protein) (Myofibrillar titin-like Ig domains protein) (57 kDa cytoskeletal protein) [MASS=55395]	0.00	7.03	3.37	0.00	1	2	3	SRSTSRGDVNDQDAIQEK	1
							2	FIQVPENMSIDEGRFC[339]R	1

MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	*	8.33	*	*	*	5	2	IQKPNEVSSPPTTSAVIPPAVPQAQHLVAQPR	1
							2	YGSLTSKGLDIFSAFSSMESTMVYSC[330]SSR	1
							2	HFRVTEGSPVTFTC[330]K	1
							2	FFRPHFLLQAPGDMVAHEGR	1
							3	VMQENSSSFSDLSEK	1
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	18.12	1.26	0.04	12	5	2	VC[339]GSNLLSIC[339]K	1
							2	VC[330]GSNLLSIC[330]K	2
							2	TTIC[330]GK	1
							2	VC[339]HC[339]LGK	1
							2	GSRGQHQAHSLEK	1
							1	VC[339]GSNLLSIC[339]K	1
							1	VC[330]GSNLLSIC[330]K	1
							2	TSASIGSLC[330]ADAR	1
							2	VC[330]HC[330]LGK	1
							2	TSASIGSLC[339]ADAR	3
MYST4_HUMAN (Q8WYB5) Histone acetyltransferase MYST4 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 4) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4) (Histone acetyltransferase MOZ2) (Monocytic leukemia zinc finger protein-related factor) (Histone acetyltransferase) [MASS=231343]	0.00	0.77	*	*	*	1	3	INIKQESADVNVIGNK	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	*	5.88	*	*	*	1	2	EM[147]FGYMK	1
NAC2_HUMAN (Q9UPR5) Sodium/calcium exchanger 2 precursor (Na(+)/Ca(2+)-exchange protein 2) [MASS=100367]	0.68	1.52	0.60	0.00	1	1	2	IAEM[147]GKPVLGENC[330]R	1
NADE1_HUMAN (Q6IA69) Glutamine-dependent NAD(+) synthetase (EC 6.3.5.1) (NAD(+) synthase [glutamine-hydrolyzing]) (NAD(+) synthetase 1) [MASS=79293]	0.00	10.62	*	*	*	4	2	SGNEEVLADVRTIVNQISYTPQDPRDLC[330]GR	1
							2	MVLAYLFAQLSLWSR	1
							2	AVMGIFSLVTGKSPLFAAHGGSSR	1
							1	NLAASR	1

NAL14_HUMAN (Q86W24) NACHT, LRR and PYD-containing protein 14 (Nucleotide-binding oligomerization domain protein 5) [MASS=124732]	*	7.04	*	*	*	4	2	SAM[147]NILHHELHPNC[330]K	1
							3	LLEHLFDVDVKTGAQPQIVVLQGAAGVGKTTLVR	1
							3	KVM[147]LPEASLLVTTRLTTSK	1
							2	YVFYLNGR	1
NALP6_HUMAN (P59044) NACHT, LRR and PYD-containing protein 6 (PYRIN-containing APAF1-like protein 5) [MASS=98733]	*	4.26	*	*	*	2	2	QALC[339]RFPELALQR	1
							3	MDVAVLSYC[330]VRC[330]C[330]PAGQALRLISC[330]R	1
NBEAL_HUMAN (Q6ZS30) Neurobeachin-like 1 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 17 protein) [MASS=150732]	*	2.44	*	*	*	2	3	M[147]RLKLVPNYNFK	1
							3	GNLQVC[330]AM[147]ASAKLNTLLQTK	1
							2	FFLC[330]QVAGDAK	3
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	9.91	0.39	0.44	12	5	3	GPVEAKPEC[339]QETETKPAPAEVK	1
							2	KVDKNDEAEYIC[330]IAENK	2
							2	FFLC[339]QVAGDAK	1
							3	KVDKNDEAEYIC[330]IAENK	1
							2	LEGQMGEDGNSIKVNLIK	1
							3	GPVEAKPEC[330]QETETKPAPAEVK	1
							1	FFLC[330]QVAGDAK	1
							2	KVDKNDEAEYIC[339]IAENK	1
							2	VDKNDEAEYIC[330]IAENK	1
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	*	2.03	*	*	*	1	3	AVDGFTFTEGDKSPDGR	2
NCKX5_HUMAN (Q71RS6) Sodium/potassium/calcium exchanger 5 precursor (Na(+)/K(+)/Ca(2+)-exchange protein 5) (Solute carrier family 24 member 5) [MASS=54888]	*	5.80	*	*	*	1	3	KGKGDMAMSNIVGSNVFDMLC[330]LGIPWFIK	1
NCS1_HUMAN (P62166) Neuronal calcium sensor 1 (NCS-1) (Frequenin homolog) (Frequenin-like protein) (Frequenin-like ubiquitous protein) [MASS=21747]	0.00	7.41	1.48	0.00	1	1	2	DC[339]PSGQLDAAGFQK	1

NDRG1_HUMAN (Q92597) Protein NDRG1 (N-myc downstream-regulated gene 1 protein) (Differentiation-related gene 1 protein) (DRG-1) (Reducing agents and tunicamycin-responsive protein) (RTP) (Nickel-specific induction protein Cap43) (Rit42) [MASS=42835]	*	8.38	*	*	*	1	3	SRSHTSEGAHLDITPNSGAAGNSAGPKSM[147]EVSC[339]	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	18.60	0.49	0.36	3	3	3	LTEAFKYFLQGM[147]GYM[147]ASSC[330]M[147]TRLSR	1
							2	SC[330]FQPLFQFEDMQEIIQNFVR	1
							3	C[339]PVM[147]LVVGDQAPHEDAVVEC[339]NSK	1
							3	SC[330]FQPLFQFEDM[147]QEIIQNFVR	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	37.76	1.05	0.07	3	2	2	IHLC[339]QR	1
							3	YAFGQETNVPLNNSADQVTRALENVLSGKA	1
							2	IHLC[330]QR	2
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	13.91	1.84	0.07	4	1	2	TTGLVGLAVC[339]NTPHER	2
							2	TTGLVGLAVC[330]NTPHER	2
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	0.99	4.09	1.65	0.00	1	1	1	C[339]ALDFFR	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	3.10	1.56	0.00	2	1	2	KQC[339]VDHYNEVK	1
							2	KQC[330]VDHYNEVK	1

NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]	0.95	16.43	0.86	0.00	1	1	2	EKPDDPLNYFLGGC[339]AGGLTLGAR	1
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	13.97	1.20	0.04	6	2	2 3 3 2 2	DYC[330]AHHLIR DYC[339]AHHLIR DYC[330]AHHLIR DSFPNFLAC[339]K DYC[339]AHHLIR	1 1 1 1 2
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	*	9.36	*	*	*	1	3	EEDIMC[330]M[147]YEAEM[147]QWKR	1
							3 2	SSLQQSDFEYKLDREFLK SLQDDPKLVLSMNVAK	1 2
NEBU_HUMAN (P20929) Nebulin [MASS=773208]	*	3.16	*	*	*	11	1 3 2 3 2 3 2 2 2	AAKASR YSTLMDSMNMVLAQNNAKIM[147]NEHLYKQAWQADK KQIQGKAAYVLDTPEMR QKGHYLAGKVIGFPGVVHC[330]LDFQK NSKGKITVVQDTPEILR GHYLAGKVIGFPGVVHC[339]LDFQKMR QKSIFTSVPDTPDLLRAK ENM[147]GKGTPLPVTPEMER NKGKADYNVLPASENPQLR	1 1 1 1 1 1 1 1
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	0.99	7.91	0.48	0.00	1	1	3	DYSLQIQNVDTVDDGPYTC[330]SVQQTQHTPR	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	0.00	2.73	0.30	0.00	1	1	3	VAGITGVC[330]HHAQDQVAGEC[330]IIEK	1

NELL2_HUMAN (Q99435) Protein kinase C-binding protein NELL2 precursor (NEL-like protein 2) (Nel-related protein 2) [MASS=91346]	0.00	1.23	3.93	0.00	1	1	2	TC[339]LDEM[147]NVVR	1
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	1.00	4.01	0.82	0.26	2	4	2	RGTTVQLEC[330]R	1
							2	GDGPRSETKEFTTPEGVPSAPR	1
							2	LDC[330]PFFGSPITLR	1
							2	VKHDPSTLK	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NF1-B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	*	3.33	*	*	*	1	2	HPC[339]C[339]VLSNPDQKGK	1
NFS1_HUMAN (Q9Y697) Cysteine desulfurase, mitochondrial precursor (EC 2.8.1.7) [MASS=50195]	0.46	5.47	1.19	0.00	1	2	2	VLDAMLPLYLINYYGNPHSR	1
							2	C[339]QHVK	1
NIFUN_HUMAN (Q9H1K1) NifU-like N-terminal domain-containing protein, mitochondrial precursor (NifU-like protein) (Iron-sulfur cluster assembly enzyme ISCU) [MASS=17937]	*	11.38	*	*	*	1	2	TFGC[339]GSAIASSSLATEWVK	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.45	4.93	0.42	0.00	1	1	2	FSGGYPALMDC[330]M[147]NK	1
							2	LQFHNKPEC[339]LEAYNK	2
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	9.09	1.00	0.12	5	2	3	LQFHNKPEC[339]LEAYNK	1
							3	LQFHNKPEC[330]LEAYNK	1
							1	DAHSNLLAKK	1
							2	LQFHNKPEC[330]LEAYNK	1
NKRF_HUMAN (O15226) NF-kappa-B-repressing factor (NFKB-repressing factor) (Transcription factor NRF) (ITBA4 protein) [MASS=77672]	*	4.49	*	*	*	2	2	MSIEYKYEMM[147]PNRTWR	1
							2	VILESEVIAEAVGVK	1
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	5.40	1.68	0.02	2	4	3	TSTDSEGGSC[339]SNSENNRRGKPQK	1
							2	EPVGRIMFQLFSDIC[339]PK	1
							2	EPVGRIMFQLFSDIC[330]PK	2
NKX32_HUMAN (P78367) Homeobox protein Nkx-3.2 (Bagpipe homeobox protein homolog 1) [MASS=34814]	*	18.32	*	*	*	3	2	GSTFHRV/KNFMIQGGDFSENGK	1
							2	KNYAGSKWDSNSER	1
							1	TEDDGVGPR	1
							3	EERGGLAAPEGRPAPGGTAASVAAAPAVC[330]C[339]WR	1
							2	PAPGGTAASVAAAPAVC[339]C[339]WR	1

NLTP_HUMAN (P22307) Nonspecific lipid-transfer protein (EC 2.3.1.176) (Propanoyl-CoA C-acyltransferase) (NSL-TP) (Sterol carrier protein 2) (SCP-2) (Sterol carrier protein X) (SCP-X) (SCP-chi) (SCPX) [MASS=58993]	*	4.20	*	*	*	1	2	ITGNMGLAMKLQNLQLQPGNAKL	1
NMUR2_HUMAN (Q9GZQ4) Neuromedin U receptor 2 (NMU-R2) (G-protein coupled receptor TGR-1) (G-protein coupled receptor FM-4) [MASS=47726]	0.00	4.82	1.81	0.00	1	1	2	MLFVLVLVFAIC[339]WAPFHIDR	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	5.52	0.96	0.10	6	4	2	VPPAKILIVGGGVAGLASAGAAK	1
							2	FFTGQITAAGK	1
							2	KTC[339]DALQAK	2
							2	EANSIIITPGYGLC[339]AAK	2
							2	KTC[330]DALQAK	2
NOP14_HUMAN (P78316) Probable nucleolar complex protein 14 [MASS=97668]	*	1.40	*	*	*	1	2	VLEFGRKQGSSK	1
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	*	8.88	*	*	*	2	2	FSADKVDTM[147]IVQAISLLDDLDKELNNYIMR	1
							2	TYDPSGDSTLPTC[339]SKKR	1
NOS1_HUMAN (P29475) Nitric-oxide synthase, brain (EC 1.14.13.39) (NOS type I) (Neuronal NOS) (N-NOS) (nNOS) (Constitutive NOS) (NC-NOS) (bNOS) [MASS=160969]	*	1.95	*	*	*	2	3	DNFESAGPLANVRFSVFGLGSR	1
							2	MRDDNR	1
							2	GGGAYSHC[339]RSLSGVGAGGGPTPRGR	1
							3	C[339]SC[330]PHSSPGPR	9
NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]	*	1.80	*	*	*	2			
							3	C[330]SC[339]PHSSPGPR	1

NOV_HUMAN (P48745) Protein NOV homolog precursor (NovH) (Nephroblastoma overexpressed gene protein homolog) [MASS=39162]	0.00	5.04	2.74	0.00	1	1	2	AIHLQFKNC[339]TSLHTYKPR	1
NOX3_HUMAN (Q9HBY0) NADPH oxidase 3 (EC 1.6.3.-) (gp91phox homolog 3) (GP91-3) (Mitogenic oxidase 2) [MASS=64934]	*	4.05	*	*	*	1	3	LVAYGIAVNATIHIVAHFFNLER	1
NP1L4_HUMAN (Q99733) Nucleosome assembly protein 1-like 4 (Nucleosome assembly protein 2) (NAP2) [MASS=42823]	0.73	1.87	0.85	0.00	1	1	2	C[339]AHIEAK	1
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	*	1.25	*	*	*	1	3	FFKNSYSPLLLKDWM[147]R	1
NPHP1_HUMAN (O15259) Nephrocystin-1 (Juvenile nephronophthisis 1 protein) [MASS=83299]	*	4.51	*	*	*	1	3	DRMSLQSTD LISHPM[147]LATFPM[147]LLEQPDVMDALR	1
NPT3_HUMAN (O00624) Sodium-dependent phosphate transport protein 3 (Sodium/phosphate cotransporter 3) (Na(+)/PI cotransporter 3) (Solute carrier family 18 member 2) [MASS=47350]	0.00	1.83	*	*	*	1	1	M[147]DGKPATR	1
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	11.70	0.38	0.01	5	2	2	SENKNEGQDATM[147]YC[330]K	1
							2	AEDSGEYHC[339]VYHFVSAPK	2
							2	AEDSGEYHC[330]VYHFVSAPK	2
NR4A3_HUMAN (Q92570) Orphan nuclear receptor NR4A3 (Nuclear hormone receptor NOR-1) (Neuron-derived orphan receptor 1) (Mitogen-induced nuclear orphan receptor) [MASS=68229]	0.00	4.95	1.33	0.00	1	1	3	YC[339]PTDQAAAGTDAEHVQQFYNNLTASIDVSR	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	4.71	*	*	*	2	2	MRQVC[330]C[339]SALPPPPLEK	1
							2	SDSPPLC[339]PAADSRTYYSLDSHSTR	1
NRX1A_HUMAN (Q9ULB1) Neurexin-1-alpha precursor (Neurexin I-alpha) [MASS=161882]	*	2.10	*	*	*	1	2	HPQM[147]IKVDFFAIEM[147]LDGHLYLLLDLDM[147]GSGTIK	1

NRX3A_HUMAN (Q9Y4C0) Neurexin-3-alpha precursor (Neurexin III-alpha) [MASS=169922]	*	7.01	*	*	*	5	2	PSTRSDRLAVGFSTTVK	1
							3	NNAVC[330]KDGWNRFC[339]DC[330]TGTGYWGR	1
							2	IADTKMKIYGEVVF	1
							2	NLDLKGDLYM[147]AGLAQGM[147]YSNLPKLVASR	1
							2	RMGSISFDFRTTEPNGLILFTHGK	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	9.54	0.61	0.22	4	5	2	GILLYGPPGC[330]GK	1
							2	SQLSC[339]VVVDIER	1
							3	LGANSLHIIIFDEIDAIC[330]K	1
							2	LGANSLHIIIFDEIDAIC[330]K	1
							3	APPQGRKLLIIGTTSR	1
NU214_HUMAN (P35658) Nuclear pore complex protein Nup214 (Nucleoporin Nup214) (214 kDa nucleoporin) (CAN protein) [MASS=213765]	*	1.77	*	*	*	2	2	MAGRSM[147]QAAR	1
							2	DSDPVM[147]AGIGEEIAHFQK	1
							2	PTLESTPVPSVSAPNIAMK	1
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.95	13.04	0.88	0.00	1	1	2	STPYEC[330]GFDPM[147]SPAR	1
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	18.98	1.17	0.03	10	8	2	LSVAGNC[339]R	1
							2	FC[339]YHER	2
							2	VVAAC[339]AM[147]PVM[147]K	1
							3	DC[330]FIIYQGHGHDVGAPIADVILPGAAYTEK	1
							3	MC[330]LVEIEKAPKVVAAC[339]AM[147]PVMK	1
							2	NIGPLVKTIMTRC[330]IQC[339]TR	1
							2	VVAAC[330]AM[147]PVM[147]K	1
							2	LSVAGNC[330]R	1
							2	DC[339]FIIYQGHGHDVGAPIADVILPGAAYTEK	1
							3	TESIDVMDAVGSNIVVSTRTGEVMRILPR	1
							2	VLFLLGADGGC[339]ITR	1
							3	MC[330]LVEIEKAPKVVAAC[330]AMPVM[147]K	1
							2	FC[330]YHER	1

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	22.20	0.90	0.53	8	6	2	YLVVNADEGEPGTC[330]KDR	1
							2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDFVVR	1
							2	GAGAYIC[339]GEETALIESIEGK	1
							2	LLEGC[330]LVGGR	1
							2	NAC[330]GSGYDFDFVVR	2
							3	SVC[330]ETVLM[147]DFDALVQAQTGLGTAIVMDR	1
							2	GAGAYIC[330]GEETALIESIEGK	1
							2	YLVVNADEGEPGTC[339]KDR	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.73	1.73	1.32	0.00	1	1	2	IIAQC[339]LNK	1
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	5.62	0.95	0.04	5	1	3	YHIQVC[330]TTTTPC[330]M[147]LR	1
							2	YHIQVC[339]TTTTPC[339]M[147]LR	1
							2	YHIQVC[330]TTTTPC[330]MLR	1
							3	YHIQVC[339]TTTTPC[339]M[147]LR	1
							2	YHIQVC[330]TTTTPC[330]M[147]LR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	1.00	21.90	1.27	0.04	4	3	2	C[330]IAC[330]K	1
							3	C[330]IAC[330]KLC[330]EAIC[330]PAQAITIEAEPR	1
							2	C[339]IAC[339]K	1
							1	C[339]IAC[339]K	1
							2	LC[339]EAIC[339]PAQAITIEAEPR	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.71	12.68	1.12	0.00	1	1	3	IVPVDIYIPGC[330]PPTAEALLYGILQLQR	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	21.77	0.82	0.05	7	2	3	VIAC[339]DGGGGALGHPK	1
							2	VIAC[330]DGGGGALGHPK	2
							2	VIAC[339]DGGGGALGHPK	2
							3	VIAC[330]DGGGGALGHPK	1
							2	TGTC[339]GYC[339]GLQFR	1
NVL_HUMAN (O15381) Nuclear valosin-containing protein-like (Nuclear VCP-like protein) (NVLp) [MASS=95050]	*	4.67	*	*	*	2	2	KGNPDSVSNTPEMEQR	1
							2	KGNPDSVSNTPEMEQRETTSSSTPR	1
O10G2_HUMAN (Q8NGC3) Olfactory receptor 10G2 [MASS=34472]	0.00	5.48	1.73	0.00	1	1	2	YLAIC[339]QPLHYPLVM[147]NGR	1

O51A4_HUMAN (Q8NGJ6) Olfactory receptor 51A4 [MASS=35256]	0.00	9.27	5.29	0.00	1	1	3	HVSPLINVLM[147]ANVLLLVPPLTNPIVYC[339]VK	1
O51F1_HUMAN (Q8NH61) Olfactory receptor 51F2 [MASS=37205]	*	7.27	*	*	*	1	3	IAKIGM[147]SM[147]LIRNVAVMLPVMLFVK	1
O51Q1_HUMAN (Q8NH59) Olfactory receptor 51Q1 [MASS=35747]	*	9.15	*	*	*	1	3	LRALNNC[339]LSHILAVLVLYIPM[147]VGVSMTHR	1
O51T1_HUMAN (Q8NGJ9) Olfactory receptor 51T1 [MASS=36998]	0.00	11.62	0.52	0.00	1	2	2 TIRQAMFQLLQSKGSWGFNVR 2 FVAIC[330]NPLNYATILTDR	1	
O52K1_HUMAN (Q8NGK4) Olfactory receptor 52K1 [MASS=35289]	*	6.69	*	*	*	1	2	IGMAAVAWAVTLMTPLPFLLR	1
OAT5_HUMAN (Q63ZE4) Solute carrier family 22 member 10 (Organic anion transporter 5) [MASS=59033]	0.00	5.08	0.97	0.00	1	2	2 ISIPLDSNLRPEKC[330]R 3 C[339]LALLTLNHMGR	1 1	
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin-MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	2.75	0.36	0.00	1	12	2 LHVSLM[147]ENYPGTLQALGEPiR	1	
							3 FQQGPTC[330]HLAVRGPM[147]HTLTLSGLRPEDSGLM[147]VFK	1	
							2 ASLIVRERPAAIIK	1	
							3 VTLEDAGTVSFHVGTC[330]SSEAQLKVTAk	1	
							3 ASAELRIQSPM[147]LQAQEQC[330]HR	1	
							2 LMPADAGVYR	1	
							2 EAMRAEGAPASPPSTGTRTC[330]TVTEGK	1	
							2 GVLEC[339]QVSRASAQVR	1	
							2 AAPVEWRK	1	
							2 LLGPKAPGPSTGDLTGPGPC[330]PR	1	
2 LEVRVKPVVFLK	1								
2 RVLLVRDVAR	1								
2 ASAELRIQSPMLQAQEQC[339]HR	1								
OCLN_HUMAN (Q16625) Occludin [MASS=59143]	0.00	5.94	1.37	0.00	1	1	3 GFM[147]LAM[147]AAFC[339]FIAALVIFVTSVIRSEM[147]SRTR	1	
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	0.00	2.11	0.44	0.00	1	2	2 C[339]LDSAYDPR 3 LC[330]M[147]PDANEVK	1 1	
OCTC_HUMAN (Q9UKG9) Peroxisomal carnitine O-octanoyltransferase (EC 2.3.1.137) (COT) [MASS=70178]	*	1.14	*	*	*	1	1	M[147]LFSTC[330]K	1
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.75	8.88	1.14	0.00	1	4	2 WVRQNGIVLLLPHGM[147]EGMGPEHSSARPER 2 FGLEGc[330]EVLIPALK 2 RNghNEM[147]DEPMFTQPLMYKQIR 3 ELEQIFC[339]QFDSKLEAADEGSGDVk	1 1 1 1	

ODP2_HUMAN (P10515) Dihydrolipoyllsine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781])	0.69	3.58	1.55	0.00	1	1	2	DVPIGAIIC[339]ITVGKPEDIEAFK	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	14.36	1.11	0.15	5	4	2 2 1 2	KC[339]DLHR C[339]DLHR C[339]DLHR VDGM[147]DILC[339]VR	1 1 1 2
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	1.00	14.76	0.99	0.04	2	3	3 2 2 3 2	GKGGSM[147]HMYAKNFYGGNGIVGAQVPLGAGIALAC[330]K PVGHC[330]LEAAAVLSK EGVEC[330]EVINM[147]R PVGHC[339]LEAAAVLSKEGVEC[339]EVINMRTIR PVGHC[339]LEAAAVLSK	1 1 1 1 1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	*	4.19	*	*	*	1	2	STVPHAYATADC[330]DLGAVLKVR	1
OMGP_HUMAN (P23515) Oligodendrocyte-myelin glycoprotein precursor [MASS=49608]	0.97	3.64	0.54	0.00	1	1	2	AHVIGTPC[330]STQISSLK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	7.81	0.97	0.10	8	5	3 2 2 2 3 2 2 2 2 2	TQEQC[330]VHNETKNELEK TQEQC[339]VHNETKNELEK C[330]NEEHPAYLASDEITTVR TALNHC[339]NLC[339]R C[330]NEEHPAYLASDEITTVRK TQEQC[339]VHNETKNELEK IFPRSGSEM[147]M[147]TR TALNHC[330]NLC[339]R TALNHC[330]NLC[330]R TQEQC[330]VHNETKNELEK	1 1 1 1 1 1 1 1 1 1

OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	1.00	13.62	0.90	0.07	2	2	2	DQSGEYEC[330]SALNDVAAPDVRK	1
							3	DQSGEYEC[339]SALNDVAAPDVRK	1
							3	GRMSTLTFFNVSEKDYGNYYTC[339]VATNK	1
							3	DQSGEYEC[330]SALNDVAAPDVRK	1
OR4DB_HUMAN (Q8NGI4) Olfactory receptor 4D11 [MASS=34969]	0.00	8.04	0.80	0.00	1	1	3	NLAILDIC[330]FSSTTAPKVLLDLLSKK	1
OR4N4_HUMAN (Q8N0Y3) Olfactory receptor 4N4 [MASS=35822]	*	5.06	*	*	*	1	2	AASEGKNKAMSM[147]C[339]TTR	1
OR6A2_HUMAN (O95222) Olfactory receptor 6A2 (Olfactory receptor 11-55) (OR11-55) (hP2 olfactory receptor) [MASS=36154]	0.00	11.62	25.20	0.00	1	2	2	ALC[339]C[339]TLHLYQHQPDPKKASR	2
							3	YM[147]AIC[339]YPLHYPVIVSGR	1
OR8S1_HUMAN (Q8NH09) Olfactory receptor 8S1 [MASS=39694]	*	1.67	*	*	*	1	1	GERSLR	1
ORNT1_HUMAN (Q9Y619) Mitochondrial ornithine transporter 1 (Solute carrier family 25 member 15) [MASS=32736]	0.00	17.94	0.35	0.00	1	2	3	LSDLQNAAAGSFASAFALVLC[330]PTELVK	1
							3	AFPANGALFLAYEYSRKLM[147]M[147]NQLEAY	1
OSBP1_HUMAN (P22059) Oxysterol-binding protein 1 [MASS=89420]	0.00	6.82	1.10	0.00	1	3	2	PFNPLLGETFELDR	1
							3	PNYSLNLWSIMKNC[330]IGKELSK	1
							2	M[147]EC[339]FKVQPVIGENGGDARQR	1
							2	QC[339]TM[147]EMATGEVDVPLVSIFK	1
							2	DSQETDGLLPGSRPSSR	1
OTOF_HUMAN (Q9HC10) Otoferlin (Fer-1-like protein 2) [MASS=226735]	*	4.71	*	*	*	6	3	GPIM[147]PVPMGIRPVLSKYR	1
							1	RHTVRDK	3
							2	GVQSSLIHNYKK	1
							2	PITFEVTIGNYGNEVDGLSR	1
							2	IHGVQQQYAYKQR	1
OVOL2_HUMAN (Q9BRP0) Transcription factor Ovo-like 2 (hOvo2) (Zinc finger protein 339) [MASS=30438]	*	4.73	*	*	*	1	2		
PA2G6_HUMAN (O60733) 85 kDa calcium-independent phospholipase A2 (EC 3.1.1.4) (iPLA2) (Cal-PLA2) (Group VI phospholipase A2) (GVI PLA2) [MASS=89902]	*	1.49	*	*	*	1	1	PAFILGSMRDEK	1
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	0.52	4.05	0.63	0.00	1	2	1	AQKPWAKK	1
							2	AYHLAC[330]KEEK	1

PADI2_HUMAN (Q9Y2J8) Protein-arginine deiminase type-2 (EC 3.5.3.15) (Protein-arginine deiminase type II) (Peptidylarginine deiminase II) (PAD-H19) [MASS=75563]	0.55	3.16	1.76	0.00	1	1	3	GLLEPLGLEC[339]TFIDDISAYHK	1
PADI3_HUMAN (Q9ULW8) Protein-arginine deiminase type-3 (EC 3.5.3.15) (Protein-arginine deiminase type III) (Peptidylarginine deiminase III) [MASS=74743]	0.00	10.84	0.01	0.00	1	4	2	MLLASPGAC[330]FKLFQEK	1
							2	MLLASPGAC[330]FK	1
							3	KATAFFPDLVNMLVLGKHLGIPK	1
							2	ATAFFPDLVNMLVLGKHLGIPK	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPank4) [MASS=85990]	*	4.27	*	*	*	3	2	FDELLHLASR	1
							2	LLLVTGSSSPC[339]LDLSR	1
							1	SLLDTR	1
PAPS1_HUMAN (O43252) Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1 (PAPS synthetase 1) (PAPSS 1) (Sulfurylase kinase 1) (SK1) (SK 1) [Includes: Sulfate adenylyltransferase (EC 2.7.7.4) (Sulfate adenylyl transferase) (SAT) (ATP-sulfuryl) [MASS=70833]	*	9.46	*	*	*	3	3	EGQKPPEGFM[147]APKAWTVLTEYYK	1
							3	VLTM[147]APGLITLEIVPFRVAAYNK	1
							2	ATNVTYQAHHVSR	1
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	28.57	0.65	0.19	5	3	2	VTVAGLAGKDPVQC[330]SR	1
							3	GLIAAIC[330]AGPTALLAHEIGFGSK	1
							2	DVVIC[339]PDASLEDAKK	2
							2	DVVIC[330]PDASLEDAKK	1
PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	*	4.18	*	*	*	1	3	ILC[330]RYQETGSIRPGAIGGSK	1
PAXI_HUMAN (P49023) Paxillin [MASS=64533]	*	4.40	*	*	*	2	3	VGEEHVYSFPNK	1
							2	ELDELMASLSDFK	1
PCCB_HUMAN (P05166) Propionyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.3) (PCCase subunit beta) (Propanoyl-CoA:carbon dioxide ligase subunit beta) [MASS=58205]	0.51	5.75	3.28	0.00	1	1	3	FC[339]DAFNIPLITFVDVPGFLPGTAQEYGGIIR	1
PCD18_HUMAN (Q9HCL0) Protocadherin-18 precursor [MASS=125307]	*	4.79	*	*	*	2	2	SYEIDVQAQDLGPNSIPAHC[339]K	1
							3	SYEIDVQAQDLGPNSIPAHC[330]KIIKVVVDVNDNK	1
PCD19_HUMAN (Q8TAB3) Protocadherin-19 precursor [MASS=126252]	*	1.66	*	*	*	1	2	AHLIKSSSTFKDLEGNLTK	1
PCDG5_HUMAN (Q9Y5G8) Protocadherin gamma A5 precursor (PCDH-gamma-A5) [MASS=100934]	*	2.36	*	*	*	1	3	SHLIFPQPNYADTLLSEESC[330]EK	1

PCDLK_HUMAN (Q9BYE9) Protocadherin LKC precursor (PC-LKC) [MASS=141574]	*	2.44	*	*	*	1	2	TAAGVMPSAIPAIPGTNMYNTERANPM[147]LNLPNK	1
							2	SSC[339]SEYSPSIESDPEGFEISPEK	1
							2	PLPEEKKLIPEEEK	1
							2	AKSPGVDPKQLAAELQK	1
							2	EEHKSSMM[147]PGFLSEVNALSAVSSVVK	1
							2	PPIAPKPVIPQLPTTTQK	1
							2	REETDWFDK	2
PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	*	5.56	*	*	*	15	3	APFQYTEGYTTKGSQTMSSGAQKK	1
							2	GYDRDIAFIMDDFQHAMSDEAYHLRR	1
							2	RILPPSM[147]YLLQKTK	1
							2	QIEMSADEDASGSEDEFIR	1
							3	AVLPTKLEKSPK	1
							3	RTLPPNPPEEISTGTQSTFSTM[147]GTVSR	1
							3	HRPHGPLLPTIEDSSEEEELR	1
							2	TAPVTTTSAVSKSSPQPQTSPK	1
							1	AIPRPASDSK	1
PCNT_HUMAN (O95613) Pericentrin (Pericentrin B) (Kendrin) [MASS=378079]	*	1.68	*	*	*	2	3	EPPTAQDGELAALHVKEDC[330]ALQLM[147]LAR	1
							3	DAPLC[330]KQEGVMSVLTVVC[330]QRQLQSELLLVK	1
PCOC1_HUMAN (Q15113) Procollagen C-endopeptidase enhancer 1 precursor (Procollagen COOH-terminal proteinase enhancer 1) (Procollagen C-proteinase enhancer 1) (PCPE-1) (Type I procollagen COOH-terminal proteinase enhancer) (Type 1 procollagen C-proteinase [MASS=47972])	0.00	5.57	11.74	0.00	1	1	2	RTGTLQSNFC[339]ASSLVVTATVKSM[147]VR	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	*	7.12	*	*	*	3	2	NHPDLAPNYDSYASYDVNGNDYDPSPR	1
							2	GSC[339]IPDC[339]EPGTYFDSELIR	1
							3	C[339]VPAC[330]GEGFYPEEM[147]PGLPHKVC[339]R	1
PCYOX_HUMAN (Q9UHG3) Prenylcysteine oxidase precursor (EC 1.8.3.5) (PCL1) [MASS=56611]	*	6.14	*	*	*	1	3	LYYLNIEC[339]AASAMEM[147]SAIAAHNAALLAYHR	1
PDCD8_HUMAN (O95831) Programmed cell death protein 8, mitochondrial precursor (EC 1.-.-) (Apoptosis-inducing factor) [MASS=66900]	0.99	9.14	0.76	0.00	1	3	2	C[339]LIATGGTPR	1
							2	SITIIGGGFLGSELAC[330]ALGR	1
							3	ISREVKSITIIGGGFLGSELAC[339]ALGR	1

PDIA3_HUMAN (P30101) Protein disulfide-isomerase A3 precursor (EC 5.3.4.1) (Disulfide isomerase ER-60) (ERp60) (58 kDa microsomal protein) (p58) (ERp57) (58 kDa glucose-regulated protein) [MASS=56782]	0.63	4.75	1.59	0.00	1	1	3	FIQENIFGIC[339]PHM[147]TEDNKDLIQGK	1
PDZK3_HUMAN (O15018) PDZ domain-containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	0.00	3.70	0.41	0.00	1	7	3	IKSFENLANADR	1
							3	TPGPKDRIVM[147]EVTLNK	1
							3	HYC[339]YEQNWPHESTSFVSVKQRIK	1
							3	QASLPGSPQALRNPLLR	1
							1	TPGPKDR	1
							1	NPLLRQR	1
PDZK4_HUMAN (Q76G19) PDZ domain-containing protein 4 (PDZ domain-containing RING finger protein 4-like protein) [MASS=86170]	0.00	7.02	0.82	0.00	1	3	2	TELEITPRRSPGPPAGGVSC[330]PEK	1
							3	AMAGNSNLNRTPPGPAVATPAK	1
							3	M[147]GC[330]NM[147]C[339]VVQK	1
							3	RHRGQGQEGEHYHSC[339]VQLAPTR	1
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	*	2.02	*	*	*	1	2	STLPNPFHLGNLKKDLPEK	1
PE2R2_HUMAN (P43116) Prostaglandin E2 receptor, EP2 subtype (Prostanoid EP2 receptor) (PGE receptor, EP2 subtype) [MASS=39760]	*	2.51	*	*	*	1	3	LMRSVLC[330]C[339]R	1
PEA15_HUMAN (Q15121) Astrocytic phosphoprotein PEA-15 (Phosphoprotein enriched in diabetes) (PED) [MASS=15040]	*	8.46	*	*	*	1	2	PDLLTM[147]VVDYR	1
PECI_HUMAN (O75521) Peroxisomal 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8) (Dodecenoyl-CoA isomerase) (Delta(3),delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (DBI-related protein 1) (DRS-1) (Hepatocellular carcinoma-associated antigen 88) (NY [MASS=39609]	0.21	9.47	0.82	0.00	1	2	2	EKLHAVNAEEC[330]NVLQGR	1
							3	LYALYKQATEGPC[330]NMPK	1
PEPL1_HUMAN (Q8NDH3) Probable aminopeptidase NPEPL1 (EC 3.4.11.-) (Aminopeptidase-like 1) [MASS=55861]	*	1.72	*	*	*	1	2	GKTTM[147]PGMK	1
PEX19_HUMAN (P40855) Peroxisomal biogenesis factor 19 (Peroxin-19) (Peroxisomal farnesylated protein) (33 kDa housekeeping protein) [MASS=32806]	0.00	11.04	2.45	0.00	1	1	3	ELAGEM[147]PPGLNFDLDALNLSGPPGASGEQC[339]LIM[147]	1

PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	1.00	8.30	0.94	0.06	2	1	2	YADLTEDQLPSC[330]ESLKDTIAR	1
							3	YADLTEDQLPSC[330]ESLKDTIAR	1
PGBM_HUMAN (P98160) Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) [MASS=468822]	0.00	2.39	0.88	0.00	1	5	3	C[330]EHSQALHC[330]HPEAC[330]GPDATC[330]VNR	1
							2	TDEANC[330]PTK	1
							2	EFREVSEAVVDTLESEYLK	1
							3	C[330]KNNVVGRLC[339]NEC[330]ADGSFHLSTR	1
							3	DMSDELNC[339]EEPVLGISPTFSLLVETTSLPPR	1
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	0.99	5.05	0.49	0.00	1	2	3	GGVAVVPASGDC[330]VPSPC[330]HNGGTC[330]LEEEEGVR	1
							2	FC[339]NPGWDAFQGAC[330]YK	1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	7.69	0.65	0.27	2	2	2	AC[330]ANPAAGSVILLENLR	1
							2	DVLFLKDC[330]VGPEVEK	1
PHAR3_HUMAN (Q96KR7) Phosphatase and actin regulator 3 (Scapinin) (Scaffold-associated PP1-inhibiting protein) [MASS=62552]	*	1.79	*	*	*	1	2	QQIEMKLSKR	1
PHLA1_HUMAN (Q8WV24) Pleckstrin homology-like domain family A member 1 (T-cell death-associated gene 51 protein) (Apoptosis-associated nuclear protein) (Proline- and histidine-rich protein) (Proline- and glutamine-rich protein) (PQ-rich protein) [MASS=29524]	*	4.63	*	*	*	1	2	YMYFTVVM[147]AEGK	1
PHLD1_HUMAN (P80108) Phosphatidylinositol-glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) [MASS=92374]	0.00	4.64	2.48	0.00	1	2	2	VYLIYGNDLGLPPVDLDLDKEAHR	1
							2	GSPC[339]GLSTHVEIGHR	1

PHLPP_HUMAN (O60346) PH domain leucine-rich repeat-containing protein phosphatase (EC 3.1.3.16) (PH domain leucine-rich repeat protein phosphatase) (Pleckstrin homology domain-containing family E protein 1) (Suprachiasmatic nucleus circadian oscillatory [MASS=184671])	*	2.04	*	*	*	2	3 2	RGAPQPIAGGAAPVPGAGGGANSLLRR TLLKHR	1 1
PI3R4_HUMAN (Q99570) Phosphoinositide 3-kinase regulatory subunit 4 (EC 2.7.11.1) (PI3-kinase regulatory subunit 4) (PI3-kinase p150 subunit) (Phosphoinositide 3-kinase adaptor protein) [MASS=152971]	*	1.25	*	*	*	1	2	PLLQQGLSDAEFVIVK	1
PI52A_HUMAN (P48426) Phosphatidylinositol-4-phosphate 5-kinase type-2 alpha (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type II alpha) (1-phosphatidylinositol-4-phosphate 5-kinase 2-alpha) (PtdIns(4)P-5-kinase isoform 2-alpha) (PIP5KII-alpha) [MASS=46224]	0.97	9.11	0.96	0.00	1	3	2 3 3	FKEYC[330]PM[147]VFR EVYFMAIIDILTHYDAK ENMPSHFKFK	1 1 1
PIGT_HUMAN (Q969N2) GPI transamidase component PIG-T precursor (Phosphatidylinositol-glycan biosynthesis, class T protein) [MASS=65699]	*	5.36	*	*	*	1	3	PSYIHYQPAQDRLQPHLLEM[147]LIQLPANSVTK	1
PIN1_HUMAN (Q13526) Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 (EC 5.2.1.8) (Rotamase Pin1) (PPIase Pin1) [MASS=18243]	0.97	4.29	0.67	0.00	1	1	2	C[330]SHLLVK	1
PITM2_HUMAN (Q9BZ72) Membrane-associated phosphatidylinositol transfer protein 2 (Phosphatidylinositol transfer protein, membrane-associated 2) (Pyk2 N-terminal domain-interacting receptor 3) (NIR-3) [MASS=148932]	*	4.37	*	*	*	2	2 3	QRVVAWLAQHNFPHGVSFC[330]DGLVHDPLRHK PYTDGPGGSGQYTHKVYHVG[M147]HPSWFR	1 1

PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	*	7.62	*	*	*	4	2	SAAASLSSMELIPIEFVLPTSQRKC[339]K	1
							2	HYQQRFAVILEAYLR	1
							3	GALLNLQIYC[339]GKAPALSSK	1
							2	HHTNLLILFSM[147]MLMTGM[147]PQLTSK	1
PKDRE_HUMAN (Q9NTG1) Polycystic kidney disease and receptor for egg jelly-related protein precursor (PKD and REJ homolog) [MASS=255447]	*	2.44	*	*	*	3	2	MHPEEMQRIHDQIVR	1
							3	TTSM[147]RTPNFNM[147]YVK	1
							3	GAPVRLSMQAEATINASVQLDC[330]PAAR	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	*	8.87	*	*	*	6	2	TNSMQQLEQWIK	1
							2	TNSM[147]QQLEQWIK	1
							3	IQDVMEGLSKHKQQR	1
							2	TYYFC[330]TDTGKEM[147]ELWM[147]K	1
							1	PFSTVKYK	1
							2	VDKITSENAPTKETNNIPNHR	1
							3	KTENISYEMLFEPEPNGVNSVEM[147]MDK	1
PKHD1_HUMAN (Q8TCZ9) Polycystic kidney and hepatic disease 1 precursor (Fibrocystin) (Polyductin) (Tigmin) [MASS=446699]	*	0.93	*	*	*	2	2	LAAEVGLLTR	1
							2	TPKLELLGGAM[147]YYLEAEHHGIAPSRGMR	1
PKP1_HUMAN (Q13835) Plakophilin-1 (Band-6 protein) (B6P) [MASS=82860]	0.00	4.28	1.95	0.00	1	1	3	DATLEAC[339]AGALQNLTASKGLM[147]SSGM[147]SQLIGLK	1
PLCB2_HUMAN (Q00722) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (Phospholipase C-beta-2) (PLC-beta-2) [MASS=133679]	*	5.84	*	*	*	3	2	SLPREESAGAAPGEGPEGVDGRVR	1
							3	AC[330]EC[330]PPELC[330]EQDPLIAKADAQESR	1
							2	PPDEEPIITHGFTM[147]TTDIFFK	1
PLEC1_HUMAN (Q15149) Plectin-1 (PLTN) (PCN) (Hemidesmosomal protein 1) (HD1) [MASS=531733]	*	2.97	*	*	*	10	2	ELEEVSPETPVVPATTQRTLAR	1
							3	LVAIRTEYNLRLK	1
							3	M[147]VAGM[147]LM[147]PRDQLR	1
							2	EKEAENER	1
							2	QEQIQAM[147]PLADSQAVREQLR	1
							2	NDDIADGNPK	1
							2	LKAGVAAPATQVAQVTLQSVQR	1
							3	WLC[330]QAEVERAR	1
							2	M[147]KQVAEEAAR	1
							2	ALAEAAKRQR	1

PLMN_HUMAN (P00747) Plasminogen precursor (EC 3.4.21.7) [Contains: Plasmin heavy chain A; Activation peptide; Angiostatin; Plasmin heavy chain A, short form; Plasmin light chain B] [MASS=90569]	*	4.20	*	*	*	2	2	AFQYHSKEQQC[330]VIM[147]AENR	1
							2	TPENYPNAGLTMNYC[339]R	1
PLOD3_HUMAN (O60568) Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor (EC 1.14.11.4) (Lysyl hydroxylase 3) (LH3) [MASS=84785]	*	6.64	*	*	*	2	2	TLGLGEEWRGGDVARTVGGGQK	1
							3	GDTLRM[147]ELPQRDVFSGSDTDPDM[147]AFC[339]K	1
PLSB_HUMAN (Q9HCL2) Glycerol-3-phosphate acyltransferase, mitochondrial precursor (EC 2.3.1.15) (GPAT) [MASS=93794]	*	5.92	*	*	*	3	2	DTSINESRNATDESLR	1
							3	ILQEM[147]VATVSPAMIRLTGWVLLK	1
							2	RRLDETPDGR	1
PLXA1_HUMAN (Q9UIW2) Plexin-A1 precursor (Semaphorin receptor NOV) [MASS=211086]	*	0.74	*	*	*	1	3	IRKILVDLSNPGR	3
PLXA4_HUMAN (Q9HCM2) Plexin-A4 precursor [MASS=212454]	*	2.43	*	*	*	2	3	DRGNVASLIM[147]TVLQSKLEYATDVLK	1
							3	PC[330]TVTVSDVQLLC[330]ESPNLIGR	1
							3	DPAEC[339]PQAQLTDNANQLLLVSSR	1
							2	VPDGATVGLVPQLHR	1
PLXB3_HUMAN (Q9ULL4) Plexin-B3 precursor [MASS=206846]	0.00	6.08	1.26	0.00	1	5	3	AFADVQYAVSVASRPC[339]NPEPSLYRTSAR	1
							3	VSDNVDAILAVIAQTFIDSC[330]TTSEHK	1
							2	LLSMKGTQKFVDDTFQAILSVMR	1
							1	SLDTRGDLAK	1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	*	4.31	*	*	*	4	3	AEDVDLEWFASSTQSYILRDLDDTSVVEDGRK	1
							3	TDTSIAC[330]TMPEGALPAPVPVC[339]VRFER	1
							3	C[339]EASPNPTSPQDC[330]PR	1
							1	HHTSK	1
PMS2_HUMAN (P54278) PMS1 protein homolog 2 (DNA mismatch repair protein PMS2) [MASS=95797]	0.00	6.84	0.51	0.00	1	4	3	RGMLSSSTSGAISDK	1
							3	SVHQIC[330]SGQVVLSTAVK	1
							2	TMFAEM[147]EIIQQFNLFITK	1
POPD1_HUMAN (Q8NE79) Blood vessel epicardial substance (hBVES) (Popeye domain-containing protein 1) (Popeye protein 1) [MASS=41451]	0.00	3.61	0.78	0.00	1	1	2	RLTGQFC[330]M[147]IQTLK	1
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	0.69	3.03	0.58	0.00	1	1	2	GNHEC[330]ASINR	1

PP2BA_HUMAN (Q08209) Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (EC 3.1.3.16) (Calmodulin-dependent calcineurin A subunit alpha isoform) (CAM-PRP catalytic subunit) [MASS=58687]	*	2.30	*	*	*	1	2	PRVDILKAHLMK	1
PPARB_HUMAN (Q03181) Peroxisome proliferator-activated receptor delta (PPAR-delta) (PPAR-beta) (Nuclear hormone receptor 1) (NUC1) (NUCI) [MASS=49903]	*	10.88	*	*	*	2	2 3	KTETETSLHPLLQEIKDMY SSSPPSLLDQLQM[147]GC[339]DGASC[339]GSLNM[147]EC[339]R	1 1
PPB1_HUMAN (P05187) Alkaline phosphatase, placental type precursor (EC 3.1.3.1) (PLAP-1) (Regan isozyme) [MASS=57953]	*	3.36	*	*	*	1	3	FNQC[339]NTTRGNEVISVMNR	1
PPCKC_HUMAN (P35558) Phosphoenolpyruvate carboxykinase, cytosolic [GTP] (EC 4.1.1.32) (Phosphoenolpyruvate carboxylase) (PEPCK-C) [MASS=69194]	*	3.54	*	*	*	1	3	EGKFLWPGFGENSRVLEWMFNR	1
PPCT_HUMAN (Q9UKL6) Phosphatidylcholine transfer protein (PC-TP) (StAR-related lipid transfer protein 2) (StARD2) (START domain-containing protein 2) [MASS=24843]	*	4.67	*	*	*	1	2	QSLAIESDGK	1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	31.71	0.96	0.16	7	3	3 HTGPGILSM[147]ANAGPNTNGSQFFIC[330]TAK 2 IIPGFM[147]C[339]QGGDFTR 2 IIPGFM[147]C[330]QGGDFTR 2 KITIADC[339]GQLE 2 IIPGFMC[330]QGGDFTR 2 KITIADC[330]GQLE 2 IIPGFMC[339]QGGDFTR	1 1 1 1 1 1 1	
PPIB_HUMAN (P23284) Peptidyl-prolyl cis-trans isomerase B precursor (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin B) (S-cyclophilin) (SCYLP) (CYP-S1) [MASS=22742]	0.31	6.73	1.00	0.00	1	1	2	DKPLKDVIIADC[339]GK	1
PPID_HUMAN (Q08752) 40 kDa peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin-40) (CYP-40) (Cyclophilin-related protein) [MASS=40632]	*	5.15	*	*	*	1	3	AQGWQGLKEYDQALADLKK	1

PRC1_HUMAN (O43663) Protein regulator of cytokinesis 1 [MASS=71664]	*	3.39	*	*	*	1	3	AFMVNGQKFMEYVAEQWEM[147]HR	1
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	0.00	4.78	0.74	0.00	1	3	3	FSDC[330]EFPYEFC[330]TVC[330]FSPFK	1
							3	ENLPDPNVQKYIHPC[330]EIC[339]GRIFNSIGNLER	1
							2	GYEDRDRADPQQLPEAVPAGLVR	1
PRDM1_HUMAN (O75626) PR domain zinc finger protein 1 (PR domain-containing protein 1) (Beta-interferon gene positive-regulatory domain I-binding factor) (BLIMP-1) (Positive regulatory domain I-binding factor 1) (PRDI-binding factor 1) (PRDI-BF1) [MASS=87991]	*	0.63	*	*	*	1	1	EYSVK	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	0.99	12.11	1.08	0.00	1	1	3	AFQYVETHGEVC[330]PANWTPDSPTIKPSPAASK	1
PRI1_HUMAN (P49642) DNA primase small subunit (EC 2.7.7.-) (DNA primase 49 kDa subunit) (p49) [MASS=49902]	*	10.00	*	*	*	2	3	DDIYIRYQSFNNQSDLEKEMQK	1
							3	C[339]C[330]SSADIC[339]PKC[339]WTLMTM[147]AIR	1
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	*	6.88	*	*	*	2	2	ISLDQIDLLSTKSFPPC[330]M[147]R	1
							3	GRKVYLEDFGFAIVPLK	1
PROD_HUMAN (O43272) Proline oxidase, mitochondrial precursor (EC 1.5.3.-) (Proline dehydrogenase) [MASS=59216]	0.82	3.29	0.99	0.00	1	1	2	FNVEKPLIFNTYQC[339]YLK	1
PRP31_HUMAN (Q8WWY3) U4/U6 small nuclear ribonucleoprotein Prp31 (Pre-mRNA-processing factor 31) (U4/U6 snRNP 61 kDa protein) (hPrp31) (Protein 61K) (Serologically defined breast cancer antigen NY-BR-99) [MASS=55456]	0.00	3.01	0.67	0.00	1	1	2	LEEAC[330]DMALELNASK	1
PRP4B_HUMAN (Q13523) Serine/threonine-protein kinase PRP4 homolog (EC 2.7.11.1) (PRP4 pre-mRNA-processing factor 4 homolog) (PRP4 kinase) [MASS=116972]	0.00	2.18	2.21	0.00	1	1	3	SYDYGIDM[147]WSVGC[339]TLYELYTGK	1

PRS23_HUMAN (O95084) Serine protease 23 precursor (EC 3.4.21.-) (Putative secreted protein ZSIG13) [MASS=43001]	*	6.79	*	*	*	1	2	LSTGC[330]TGTLVAEKHVLTAHC[330]IHDGK	1
PSD12_HUMAN (O00232) 26S proteasome non-ATPase regulatory subunit 12 (26S proteasome regulatory subunit p55) [MASS=52773]	0.00	7.91	0.85	0.00	1	2	2	YYNLM[147]IQLDQHEGSYLSIC[339]K	1
							3	EWDLLNENIMLLSKRR	1
PTC1_HUMAN (Q13635) Protein patched homolog 1 (PTC1) (PTC) [MASS=160560]	*	0.90	*	*	*	1	3	IPFEDRTGEC[339]LKR	1
PTN14_HUMAN (Q15678) Tyrosine-protein phosphatase non-receptor type 14 (EC 3.1.3.48) (Protein-tyrosine phosphatase pez) [MASS=135238]	*	3.96	*	*	*	3	2	QDQASLPPAM[147]AR	1
							3	MAGLEAQKRPLMLAALNGLSVAR	1
							2	RQPTWSRSSLPR	1
PTN6_HUMAN (P29350) Tyrosine-protein phosphatase non-receptor type 6 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1C) (PTP-1C) (Hematopoietic cell protein-tyrosine phosphatase) (SH-PTP1) (Protein-tyrosine phosphatase SHP-1) [MASS=67561]	*	3.36	*	*	*	1	2	TIQM[147]VRAQRSGM[147]VQTEAQYK	1
PTN_HUMAN (P21246) Pleiotrophin precursor (PTN) (Heparin-binding growth-associated molecule) (HB-GAM) (Heparin-binding growth factor 8) (HBGF-8) (Osteoblast-specific factor 1) (OSF-1) (Heparin-binding neurite outgrowth-promoting factor 1) (HBNF-1) (Hepar [MASS=18942]	0.97	5.95	0.85	0.00	1	1	2	TVTISKPC[339]GK	1
PTPR2_HUMAN (Q92932) Receptor-type tyrosine-protein phosphatase N2 precursor (EC 3.1.3.48) (R-PTP-N2) (Islet cell autoantigen-related protein) (ICAAR) (IAR) (Phogrin) [MASS=111281]	*	4.43	*	*	*	2	3	LGC[339]LLEEGLC[330]GASEAC[339]VNDGVFGR	1
							2	LSGLGGDPGADATAAYQELC[339]R	1
PTPRK_HUMAN (Q15262) Receptor-type tyrosine-protein phosphatase kappa precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase kappa) (R-PTP-kappa) [MASS=162087]	*	1.53	*	*	*	1	3	VTC[330]VEMEPLAEYVVRTFTLERR	1

PTPRM_HUMAN (P28827) Receptor-type tyrosine-protein phosphatase mu precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase mu) (R-PTP-mu) [MASS=163632]	*	1.45	*	*	*	1	2	M[147]VWHENTASIIM[147]VTNLVEVGR	1
PTPRT_HUMAN (O14522) Receptor-type tyrosine-protein phosphatase T precursor (EC 3.1.3.48) (R-PTP-T) (RPTP-rho) [MASS=164371]	0.00	1.71	1.50	0.00	1	1	3	C[339]LPFLISVDGESSNYINAALMDSHK	1
PTPRZ_HUMAN (P23471) Receptor-type tyrosine-protein phosphatase zeta precursor (EC 3.1.3.48) (R-PTP-zeta) [MASS=254528]	0.71	1.77	0.41	0.00	1	2	3	SESSHQVVPSLYSNDELFQTANLEINQAHPK	1
							2	KYPTC[330]NSPK	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	*	4.48	*	*	*	3	3	RIVLVDDREC[330]PVR	2
							2	RNGQGDPPTPPPTPVDLELEWVLGKMPPR	1
							2	PIM[147]FSGGIGSMEADHISK	1
PURA_HUMAN (Q00577) Transcriptional activator protein Pur-alpha (Purine-rich single-stranded DNA-binding protein alpha) [MASS=34911]	1.00	2.17	1.63	0.00	2	1	2	FGHTFC[339]JK	1
							2	FGHTFC[330]JK	1
PYGB_HUMAN (P11216) Glycogen phosphorylase, brain form (EC 2.4.1.1) [MASS=96564]	*	2.02	*	*	*	1	2	EPDC[330]FKDIVNMLM[147]HHDR	1
PYGM_HUMAN (P11217) Glycogen phosphorylase, muscle form (EC 2.4.1.1) (Myophosphorylase) [MASS=96960]	*	3.69	*	*	*	1	3	QVIEQLSSGFFSPKQPDLFKDIVNM[147]LMHHDR	1
PZRN4_HUMAN (Q6ZMN7) PDZ domain-containing RING finger protein 4 (Ligand of Numb-protein X 4) (SEMACAP3-like protein) [MASS=117072]	*	6.47	*	*	*	4	2	SGMTTDDDTM[147]SEMK	1
							3	GGC[339]ASGLGGGEVPPAR	1
							2	ESQKC[339]SEPKMEWK	1
							3	ILQINGEDVQNREEAVALLSNDEC[330]K	1
RA6I1_HUMAN (Q6IQ26) Rab6-interacting protein 1 (Rab6IP1) [MASS=147094]	0.00	4.66	0.61	0.00	1	2	3	QIC[330]SAM[147]QTLYHMHNAEYDVLHAPPADDR	1
							3	DHTLVNSLIRVLQTLQEFNITLETSLVGIDI	1
RABE2_HUMAN (Q9H5N1) Rab GTPase-binding effector protein 2 (Rabaptin-5beta) [MASS=63542]	0.85	7.73	2.36	0.00	1	3	3	SIM[147]DEAPLTDVRDIK	1
							2	QQQQQDC[339]EEK	1
							2	RPRHAPSLHGSTELLPLSR	1

RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	7.29	0.67	0.17	3	1	2	HHC[330]PNTPIILVGTK	1
							2	HHC[339]PNTPIILVGTK	1
RAD9B_HUMAN (Q6WBX8) Cell cycle checkpoint control protein RAD9B homolog (RAD9 homolog B) (hRAD9B) [MASS=46392]	0.00	4.59	0.53	0.00	1	1	3	ETLTNISALENC[339]GSPAM[147]KR	1
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	*	1.05	*	*	*	1	2	RYPVHGPVDGK	2
RAI14_HUMAN (Q9P0K7) Ankyrin repeat and coiled-coil structure-containing protein (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.42	6.43	1.31	0.00	1	3	2	EMEEKISNLKEHLASK	1
							3	TALMLAC[330]EIGSSNAVEALIK	1
							3	M[147]HLLYAVQGQM[147]DEDVQKVLKQILTMC[330]K	1
RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	*	5.77	*	*	*	6	3	RRQQQVLPLDPAEPEIR	1
							3	PSPKAASSPSNPAALPVASDSSPMGSKTK	1
							2	DLGDLIC[330]GPYYPEHC[330]LPKK	1
							3	KLLDNSHLPATFKVSSSPQK	1
							2	MQSFRERC[339]GFHKG	1
							3	QQNYQQTSEQTSR	1
RAP1A_HUMAN (P62834) Ras-related protein Rap-1A precursor (GTP-binding protein smg-p21A) (Ras-related protein Krev-1) (C21KG) (G-22K) [MASS=20987]	0.83	5.98	0.54	0.00	1	1	2	C[330]DLEDERVVGK	1
RAPSN_HUMAN (Q13702) 43 kDa receptor-associated protein of the synapse (RAPsyn) (Acetylcholine receptor-associated 43 kDa protein) (43 kDa postsynaptic protein) [MASS=46197]	0.00	3.16	0.46	0.00	1	1	2	LGSAM[147]EC[330]C[330]EESMK	1
RASF4_HUMAN (Q9H2L5) Ras association domain-containing protein 4 [MASS=36748]	0.00	9.97	0.17	0.00	1	1	3	ILHGPC[330]EKIARIFLMEADLGVEVPHEVAQYIK	1
RBBP8_HUMAN (Q99708) Retinoblastoma-binding protein 8 (RBBP-8) (CtBP-interacting protein) (CtIP) (Retinoblastoma-interacting protein and myosin-like) (RIM) [MASS=101967]	*	1.23	*	*	*	1	3	HLEPLKSLGGR	1

RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	*	5.18	*	*	*	4	2	LHTM[147]LTGLR	1
							2	GDLIQFYNNIYIK	1
							2	RGILLEDGSESPAK	1
							3	TFAMKYSQANMDAPPLSPYPFVR	1
RBM4B_HUMAN (Q9BQ04) RNA-binding protein 4B (RNA-binding motif protein 4B) (RNA-binding protein 30) (RNA-binding motif protein 30) [MASS=40149]	*	5.01	*	*	*	1	2	VLEC[339]DIIKNYGFVHIEDK	1
RBP17_HUMAN (Q9H2T7) Ran-binding protein 17 [MASS=124375]	*	3.95	*	*	*	2	2	LVSRSVSLPVEQR	1
							3	SALC[330]GNYVSFGVFKLYGDNHFDNVLQAFVK	1
RBY1A_HUMAN (Q15414) RNA-binding motif protein, Y chromosome, family 1 member A1 (RNA-binding motif protein 1) [MASS=55783]	*	4.23	*	*	*	1	3	DRYGRSWESYSSC[330]GDFHYC[330]DR	1
RCBT2_HUMAN (O95199) RCC1 and BTB domain-containing protein 2 (Regulator of chromosome condensation and BTB domain-containing protein 2) (Chromosome condensation 1-like) (CHC1-L) (RCC1-like G exchanging factor) [MASS=60315]	*	2.18	*	*	*	1	2	FLVDGKYIYAHK	1
RCC2_HUMAN (Q9P258) Protein RCC2 (Telophase disk protein of 60 kDa) (RCC1-like protein TD-60) [MASS=56084]	0.00	1.53	0.40	0.00	1	1	2	YGC[330]LAGVR	1
RECQ1_HUMAN (P46063) ATP-dependent DNA helicase Q1 (EC 3.6.1.-) (DNA-dependent ATPase Q1) [MASS=73456]	*	7.24	*	*	*	2	3	WVHAEM[147]VNKNSELKLIYVTPEK	1
							3	IKQC[330]LEDSDAGASNEYDSSPAAWNK	1
RECQ5_HUMAN (O94762) ATP-dependent DNA helicase Q5 (EC 3.6.1.-) (RecQ protein-like 5) (RecQ5) [MASS=108858]	*	6.56	*	*	*	4	3	SM[147]AGYYQESGRAGR	1
							2	VFGFDSFKTPLQESATM[147]AVVK	1
							3	ANVRFVAHWNIAKSMAGYYQESGR	1
							1	AGRDGK	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	0.00	10.15	*	*	*	3	3	GQAAQAALQELFDIQMPGHAPGR	1
							3	PGDAALLSAAYGRRR	1
							3	PGLQYRTVSQTGPVHAPVFAVAVEVNGLTFEGTGPTK	1
RENT2_HUMAN (Q9HAU5) Regulator of nonsense transcripts 2 (Nonsense mRNA reducing factor 2) (Up-frameshift suppressor 2 homolog) (hUpf2) [MASS=147809]	*	1.26	*	*	*	1	3	AAMDFC[339]M[147]NMNTKANRK	1

RF1M_HUMAN (O75570) Peptide chain release factor 1, mitochondrial precursor (MRF-1) [MASS=52305]	*	3.60	*	*	*	1	3	LVHIPTGLVVEC[330]QGER	1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.99	7.25	0.74	0.00	1	1	2	HFC[330]PNVPIILVGNK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.96	16.33	0.71	0.00	1	2	3 2	HFC[330]PNVPIILVANKKDLR HFC[330]PNVPIILVANK	1 1
RHOG_HUMAN (P84095) Rho-related GTP-binding protein RhoG precursor [MASS=21308]	0.00	5.24	*	*	*	1	2	DLRAQPDTLR	1
RIMS3_HUMAN (Q9UJD0) Regulating synaptic membrane exocytosis protein 3 (Nim3) (Rab-3-interacting molecule 3) (RIM 3) (RIM3 gamma) [MASS=32796]	0.00	7.79	1.42	0.00	1	1	2	C[339]FM[147]GM[147]AQIM[147]LDELDSLAAVTGWYK	1
RINI_HUMAN (P13489) Ribonuclease inhibitor (Ribonuclease/angiogenin inhibitor 1) (RAI) (Placental ribonuclease inhibitor) (RNase inhibitor) (RI) [MASS=49842]	0.00	8.91	0.23	0.00	1	2	3 2	LDDC[339]GLTEARC[339]KDISSALR SNELGDVGVC[330]VLQGLQTPSC[330]K	1 1
RIPK4_HUMAN (P57078) Receptor-interacting serine/threonine-protein kinase 4 (EC 2.7.11.1) (Ankyrin repeat domain protein 3) (PKC-delta-interacting protein kinase) [MASS=91610]	*	4.93	*	*	*	2	3 2	MEGDGGTPWALALLRTFDAGEFTGWEEK GSTPLHM[147]AVERRRVR	1 1
RKHD1_HUMAN (Q86XN8) RING finger and KH domain-containing protein 1 [MASS=49802]	*	5.57	*	*	*	1	3	KSVNMTEC[330]VPVPSSEHVAEIVGRQGC[339]K	2
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	0.00	4.55	0.86	0.00	1	1	2	C[339]HTPPLYR	1
RL30_HUMAN (P62888) 60S ribosomal protein L30 [MASS=12653]	0.98	37.72	1.16	0.00	1	2	2 3	TGVHHYSGNNIELGTAC[339]GK LVILANNC[339]PALRKSEIEYYAM[147]LAK	1 1
RL3_HUMAN (P39023) 60S ribosomal protein L3 (HIV-1 TAR RNA-binding protein B) (TARBP-B) [MASS=45977]	0.64	2.99	1.28	0.00	1	1	2	TVFAEHISDEC[339]K	1
RL4_HUMAN (P36578) 60S ribosomal protein L4 (L1) [MASS=47566]	0.95	6.10	1.41	0.00	1	2	3 2	NTILRQARNHK RGPC[339]IYNEDNGIHK	1 1
RL7_HUMAN (P18124) 60S ribosomal protein L7 [MASS=29226]	*	6.85	*	*	*	1	3	AGNFYVPAEPKLAFLVIR	1

RLA0_HUMAN (P05388) 60S acidic ribosomal protein P0 (L10E) [MASS=34273]	*	3.47	*	*	*	1	2	GHLENNPALEK	1
RN5A_HUMAN (Q05823) 2-5A-dependent ribonuclease (EC 3.1.26.-) (2-5A-dependent RNase) (Ribonuclease L) (RNase L) (Ribonuclease 4) [MASS=83532]	*	2.70	*	*	*	2	1 2	PM[147]IGKLK SIKWAGDPQEVKR	1 1
RNF17_HUMAN (Q9BXT8) RING finger protein 17 [MASS=73736]	*	5.67	*	*	*	2	2 3	YSQIKDAKVLEK PPPNKISSDM[147]PVSLRDALVFM[147]ELAK	1 1
ROBO3_HUMAN (Q96MS0) Roundabout homolog 3 precursor (Roundabout-like protein 3) [MASS=148208]	*	3.32	*	*	*	2	3 2	LMMSHTLKSDAGMYVC[330]VASNMAGER IVEQPPDLLVSRGEPATLPC[330]R	1 1
RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	*	1.48	*	*	*	2	3 3	EYNIGFVKRAIEK RVTQSFEAFLQHLTEVM[147]QR	1 1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	6.47	*	*	*	4	2 2 2 3	ETDVAKKTSHIC[330]FGM[147]K AVIGILQMIC[330]KTC[330]C[330]HIM[147]LSQEEK RHVMLLSDLMTYKGEVLGITR QYC[339]GKGEDLC[330]ANDSYVTIQNSELM[147]SGSM[147]DK	1 1 1 1
RPC2_HUMAN (Q9NW08) DNA-directed RNA polymerase III subunit 127.6 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 2) (RPC2) [MASS=127784]	*	4.41	*	*	*	2	2 3	HM[147]RQDQITNGMVNAISTGNWSLKR LIELLAGKAGVLDGRFHYGTAFGGSK	1 1
RPC5_HUMAN (Q9NVU0) DNA-directed RNA polymerases III 80 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 5) (RPC5) [MASS=79898]	*	6.36	*	*	*	2	2 3	SPSEYLM[147]MLM[147]PPSQEEEEKDK SDILYPKDSSSPHSGVPAEVLIC[339]RGR	1 1
RRAGA_HUMAN (Q7L523) Ras-related GTP-binding protein A (Rag A) (RagA) (Adenovirus E3 14.7 kDa-interacting protein 1) (FIP-1) [MASS=36566]	0.00	3.51	1.68	0.00	1	1	2	LSRPLEC[339]AC[339]FR	1
RS15A_HUMAN (P62244) 40S ribosomal protein S15a [MASS=14708]	0.00	6.98	0.91	0.00	1	1	2	QVLIRPC[339]SK	1
RS16_HUMAN (P62249) 40S ribosomal protein S16 [MASS=16314]	0.99	6.21	1.07	0.00	1	1	2	TATAVAHC[339]K	1

RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	*	4.26	*	*	*	3	2	GYLEMSVEC[339]KLALLK	1
							3	EDSEFTKVEMDNLDNAQTSGIEEPSETK	1
							2	DSESDFSDDFSDDFVETR	1
RSPO4_HUMAN (Q2I0M5) R-spondin-4 precursor (Roof plate-specific spondin-4) (hRspo4) [MASS=26171]	*	16.67	*	*	*	2	2	M[147]RAPLC[339]LLLLVAHAVDMLALNRR	1
							3	C[339]GATC[330]ESC[339]FSQDFC[339]IR	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.99	6.83	0.92	0.00	1	3	2	QSPVAMETASTGVAGVSSAM[147]DHTFSTTSK	1
							2	YTDC[330]LQFYVNSTLK	1
							2	QKAIDLLYWR	1
RUSC2_HUMAN (Q8N2Y8) RUN and SH3 domain-containing protein 2 [MASS=161194]	0.00	4.29	1.61	0.00	1	3	2	RNPIFEFPGSLSAASHLNC[339]R	1
							3	YLC[339]PAVRAVLEDGLKAFVLDVIIGQR	1
							2	VSQDLLLSAHSTLQLARAR	1
							3	EKLAENIHELWALTR	1
							2	AKKVAMMTQPPATPTLPR	1
							2	ELLDLQKDM[147]VVM[147]LLSLLEGNVVNGM[147]IAR	1
							3	PSMLQHLLRRLVFDVPILNEFAK	1
RYR1_HUMAN (P21817) Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RYR-1) (Skeletal muscle calcium release channel) [MASS=565172]	0.00	4.64	0.62	0.00	1	12	2	KQELEAKGGGTHPLLVPYDTLTAK	1
							2	MPLKLLTNHYER	1
							3	WPIKESLKAMIAWEWTIEK	1
							3	C[330]WKYYC[330]LPTGWANFGVTSEELHLTR	1
							3	DVIEDC[339]LMSLC[330]RYIRPSMLQHLLR	1
							2	EEDADDPEKIVR	1
							2	GLSYRSLRR	1
							3	KM[147]LPIGLNMC[330]APTDQDLITLAKTR	1
RYR2_HUMAN (Q92736) Ryanodine receptor 2 (Cardiac muscle-type ryanodine receptor) (RyR2) (RYR-2) (Cardiac muscle ryanodine receptor-calcium release channel) (hRYR-2) [MASS=564495]	*	2.42	*	*	*	5	2	LHDRGAAEMVLQTISASKGETGPM[147]VAATLK	1
							2	LGIAILNGGNSTVQQKM[147]LDYLKEK	1
							2	NHRLYFLSAASR	1
							3	TLLGYGYNLEAPDQDHAARAEVC[339]SGTGERFR	1
							2	AM[147]FDHLSYLLENSSVGLASPAM[147]JR	1
RYR3_HUMAN (Q15413) Ryanodine receptor 3 (Brain-type ryanodine receptor) (RyR3) (RYR-3) (Brain ryanodine receptor-calcium release channel) [MASS=551928]	*	2.36	*	*	*	6	3	VTKILGDMPDPTQFGIHDDTM[147]EAER	1
							2	TSRLGPLK	1
							2	MGKEEELLMINGLDIM[147]NNK	1
							3	SILGM[147]PDTVEDMC[330]PDIPQLEGLM[147]K	1
							2	LDVQTIQPVLSR	1
							3	PALGEC[330]LASLAAIPVAFLEPTLNR	1

S12A2_HUMAN (P55011) Solute carrier family 12 member 2 (Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1) (Basolateral Na-K-Cl symporter) [MASS=131446]	0.00	2.48	1.76	0.00	1	2	3 2	M[147]KAFYAPVHADDLR NVGLMIC[339]GHVHM[147]GPRR	1 1
S12A3_HUMAN (P55017) Solute carrier family 12 member 3 (Thiazide-sensitive sodium-chloride cotransporter) (Na-Cl symporter) [MASS=113138]	*	5.78	*	*	*	3	3 2 3	IIGVSVTVLLAISLAGMEWESK QVRLNEIVLDYSRDAALIVITLPIGR RFEDMIAPFR	1 1 1
S12A4_HUMAN (Q9UP95) Solute carrier family 12 member 4 (Electroneutral potassium-chloride cotransporter 1) (Erythroid K-Cl cotransporter 1) (hKCC1) [MASS=120649]	*	3.04	*	*	*	2	3 3	GIDYYDRNLALFEEELDIRPK TLM[147]M[147]EQRSQM[147]LR	1 1
S12A6_HUMAN (Q9UHW9) Solute carrier family 12 member 6 (Electroneutral potassium-chloride cotransporter 3) (K-Cl cotransporter 3) [MASS=127616]	*	2.96	*	*	*	2	3 2	KC[339]SIRIFTVAQLEDNSIQM[147]K VKGFC[330]QLVVAALKR	1 1
S14L1_HUMAN (Q92503) SEC14-like protein 1 [MASS=81277]	0.00	6.15	0.57	0.00	1	2	2 3	VFGRPISSWTC[339]LVDLEGLNMR RKFLIYAGNDYQGPGLLDYIDK	1 1
S27A1_HUMAN (Q6PCB7) Long-chain fatty acid transport protein 1 (EC 6.2.1.-) (Fatty acid transport protein 1) (FATP-1) (Solute carrier family 27 member 1) [MASS=71108]	0.00	3.56	1.68	0.00	1	1	2	FC[330]SGDLGPEGILPDTHLLDPLLK	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	*	5.29	*	*	*	2	1 3	EGFDPAIVK YLLNQPPREAENQHQVRMALGNGLR	1 1
S3TC2_HUMAN (Q8TF17) SH3 domain and tetratricopeptide repeats-containing protein 2 [MASS=144776]	*	1.40	*	*	*	1	2	M[147]AEAGSELEGVSLVTGQR	1
SAMD4_HUMAN (Q9UPU9) Sterile alpha motif domain-containing protein 4 [MASS=58610]	*	3.97	*	*	*	1	2	NVPSARLGLLGTSGFVSSNQR	1

SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	9.54	2.44	0.03	9	3	1	DGGFC[339]EVC[339]KK	1
							1	GC[339]SFLPDYQK	4
							3	QC[339]DQFVAEYEPVLIEILVEVM[147]DPSFVC[339]LK	1
							2	GC[339]SFLPDYQK	2
							2	GC[330]SFLPDYQK	2
SATB2_HUMAN (Q9UPW6) DNA-binding protein SATB2 (Special AT-rich sequence-binding protein 2) [MASS=82555]	0.00	4.09	1.35	0.00	1	1	3	VERENLSDYC[330]VLGQRPM[147]HLPNMNQLASLGK	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	2.07	0.40	0.39	5	1	3	C[330]IEENNGVDKR	1
							2	C[339]IEENNGVDKR	1
							2	C[330]IEENNGVDKR	3
SC10A_HUMAN (Q9Y5Y9) Sodium channel protein type 10 subunit alpha (Sodium channel protein type X subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.8) (Peripheral nerve sodium channel 3) (hPN3) [MASS=220564]	0.00	3.37	0.19	0.00	1	3	2	GTSDPLLC[330]GNGSDSGHC[330]PDGYIC[330]LK	1
							2	AENHIAANTARGSSGGLQAPR	1
							2	VSEGSTEDNKSPRSDPYNQR	1
SC11A_HUMAN (Q9UI33) Sodium channel protein type 11 subunit alpha (Sodium channel protein type XI subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.9) (Sensory neuron sodium channel 2) (Peripheral nerve sodium channel 5) (hNaN) [MASS=204947]	*	2.96	*	*	*	2	3	LHC[339]MDILFAFTARVLGGSDGLDSMK	1
							3	YQFLVMDLPMVSEDRHLHC[339]M[147]DILFAFTAR	1

								3	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1
								2	STGC[339]DFAVSPK	1
								3	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	3
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	9.04	1.09	0.05	11	3	2	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	2	
							2	STGC[330]DFAVSPK	1	
							2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1	
							2	NFNLPM[147]C[330]K	1	
							2	NFNLPM[147]C[339]K	1	
SCRB1_HUMAN (Q8WTV0) Scavenger receptor class B member 1 (SRB1) (SR-BI) (CD36 antigen-like 1) (CD36 and LIMP-II analogous 1) (CLA-1) (Collagen type I receptor, thrombospondin receptor-like 1) [MASS=60878]	0.00	16.49	0.28	0.00	1	3	3	WAAGALGVAGLLC[330]AVLGAVMIVMVPSLIK	1	
							3	TVGEIM[147]WGYKDPLVNLINKYFPGM[147]FPFK	1	
							3	WAAGALGVAGLLC[330]AVLGAVM[147]IVM[147]VPSLIKQQVLK	1	
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	0.99	3.86	0.62	0.00	1	1	2	SSPC[330]IHYFTGTPDPSR	1	
SEHL2_HUMAN (Q9NQF3) Serine hydrolase-like protein 2 (EC 3.1.-.-) [MASS=22471]	*	12.81	*	*	*	1	2	FSILGHSFGGVVGGM[147]FFC[339]TFPEM[147]VDK	1	
SELO_HUMAN (Q9BVL4) Selenoprotein O [MASS=73442]	*	3.14	*	*	*	1	2	NYIAQNAIEAAERGDFSEVRR	1	
SEM4C_HUMAN (Q9C0C4) Semaphorin-4C precursor [MASS=92622]	0.00	2.40	0.55	0.00	1	1	2	C[330]TYVNM[147]LTFTLEHGEFEDGK	1	
SEM4F_HUMAN (Q95754) Semaphorin-4F precursor (Semaphorin W) (Sema W) (Semaphorin M) (Sema M) [MASS=83511]	0.00	5.19	3.23	0.00	1	2	2	WTTFLKADLLC[339]PGPEHGR	1	
							2	GLVQDIESADVSSLIC[339]PKEPGER	1	
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	0.00	1.19	1.08	0.00	1	1	2	C[339]SSNC[339]GGGM[147]QSRR	1	
SEPR_HUMAN (Q12884) Seprase (EC 3.4.21.-) (Fibroblast activation protein alpha) (Integral membrane serine protease) (170 kDa melanoma membrane-bound gelatinase) [MASS=87793]	*	3.03	*	*	*	1	3	VQNVSVLSIC[339]DFREDWQTWDC[330]PK	1	
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	1.00	5.96	0.60	0.16	3	2	2	DVTC[330]DVHYENYR	1	
							2	AHC[330]IQQM[147]TSK	1	
							2	AHC[330]IQQMTSK	1	

SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	8.01	0.67	0.03	4	2	2	THMQDLKDVTNNVHYENYRSR	1
							2	ADTLTPEEC[330]QQFKK	2
							2	ADTLTPEEC[339]QQFKK	2
SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	*	7.14	*	*	*	2	2	FM[147]GTELNGK	1
							3	KGILVMNTPNGNSLSAAELTC[339]GMIMC[330]LAR	1
SETBP_HUMAN (Q9Y6X0) SET-binding protein (SEB) [MASS=169631]	0.00	7.72	0.07	0.00	1	5	3	SSYDSSMSPGMPSPHLKVDQTAVHSKNEGSVPTMMTR	1
							3	ALASGITMSSEVVNR	1
							2	MIENESPSVGLETGGNAEKVIPGGVSK	1
							3	M[147]IENESPSVGLETGGNAEKVIPGGVSKPR	1
							2	REIEAIQC[330]EVR	1
SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	*	1.38	*	*	*	2	3	LSLLAQASVITFPSDSPQNSSQLQR	1
							3	AQKTMIQKDLDK	1
SF01_HUMAN (Q15637) Splicing factor 1 (Zinc finger protein 162) (Transcription factor ZFM1) (Zinc finger gene in MEN1 locus) (Mammalian branch point-binding protein mBBP) (BBP) [MASS=68198]	0.00	1.88	1.68	0.00	1	1	2	C[339]GGAGHIASDC[339]K	1
SFR14_HUMAN (Q8IX01) Putative splicing factor, arginine/serine-rich 14 (Arginine/serine-rich-splicing factor 14) [MASS=120236]	*	7.58	*	*	*	4	2	SVTPLLMAC[330]NAYELSVK	1
							2	LLKSVTPLLMAC[339]NAYELSVK	1
							3	VDNEFLNMLLDKGAVK	1
							3	ALNIVDQEGSLLGKGETQGLLTAKGGVGK	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.00	5.92	*	*	*	1	2	FVPFAAVAAANC[339]INIPLMR	1
SFXN3_HUMAN (Q9BWM7) Sideroflexin-3 [MASS=35503]	0.74	22.12	0.90	0.13	2	3	2	IC[339]MAIPAMAIPLIM[147]DTLEK	1
							3	QGIFQVVISRIC[339]M[147]AIPAMAIPLIMDTLEK	1
							2	MSAQVPMNM[147]TITGC[330]M[147]LTFYRK	1
SGOL2_HUMAN (Q562F6) Shugoshin-like 2 (Tripin) [MASS=144738]	*	1.26	*	*	*	1	2	TSLMSEMRNAQSIGRR	1
SGTB_HUMAN (Q96EQ0) Small glutamine-rich tetratricopeptide repeat-containing protein B (Small glutamine-rich protein with tetratricopeptide repeats 2) [MASS=33429]	0.88	4.28	0.97	0.00	1	1	2	LGHYTDAIKDC[330]EK	1
SHOC2_HUMAN (Q9UQ13) Leucine-rich repeat protein SHOC-2 (Ras-binding protein Sur-8) [MASS=64888]	0.00	12.89	0.66	0.00	1	3	2	DNQLTSLPLDFGTWTSMVELNLATNQLTK	1
							2	LDSLTTLYLRFNRITTVEK	1
							3	QLPAEIGELC[330]NLITLDVAHNQLEHLPK	1

							2	ATPQHTVSFTC[330]ESHGFSPR	3
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812])	1.00	14.12	0.34	0.39	13	4	3	ATPQHTVSFTC[330]ESHGFSPR	2
							2	EGHFPRVTTVSESTK	1
							3	EDVHSQVIC[330]EVAHVTLQGDPRLR	1
							3	ATPQHTVSFTC[339]ESHGFSPR	1
							2	ATPQHTVSFTC[339]ESHGFSPR	1
							3	LTC[339]QVEHDGQPAVSK	1
							2	LTC[339]QVEHDGQPAVSK	1
							3	LTC[330]QVEHDGQPAVSK	1
							2	EDVHSQVIC[330]EVAHVTLQGDPRLR	1
							2	LTC[330]QVEHDGQPAVSK	1
SI1L1_HUMAN (O43166) Signal-induced proliferation-associated 1-like protein 1 (High-risk human papilloma viruses E6 oncoproteins targeted protein 1) (E6-targeted protein 1) [MASS=199940]	*	2.05	*	*	*	2	3	VAVATLSHEQM[147]IDLLR	1
							2	SSPVSQGSSVSLNSNDSAM[147]LK	1
SIM2_HUMAN (Q14190) Single-minded homolog 2 [MASS=73218]	*	1.50	*	*	*	1	2	TALSTSQETR	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.97	10.55	0.26	0.00	2	2	2	GTANLSEAIRVPPTLEVTTQQPMR	1
							3	ATPEHTVSFTC[330]ESHGFSPR	1
							3	ATPEHTVSFTC[339]ESHGFSPR	1
							2	ATPEHTVSFTC[339]ESHGFSPR	1
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.99	5.66	1.18	0.05	2	1	3	C[339]EDC[339]QSLVKPDIVFFGESLPAR	2
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	*	3.19	*	*	*	2	3	HYTLNSEAPLYVGGMPVDVNSAAFR	1
							2	NDFAGLKQLRVLQLM[147]ENQIGAVR	1

2 GYEYC[339]R 12

SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]

* 0.61 * * * 1

2 RLC[330]GLKVEVDM[147]EK 5

SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]

0.00 11.44 0.12 0.00 2 2

3 DDENIPMETEETHLEETTESQQNGEEGTSTPEDK 1

SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]

* 4.61 * * * 1

2 C[330]ARLLTPHLLLVQLSPAR 1

SMOO_HUMAN (P53814) Smoothelin [MASS=99516]

* 2.40 * * * 1

2 EQRGVAQPLAQLRSC[339]PQEEGPR 1

SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]

0.00 7.93 0.87 0.00 1 3

3 GHVVGLRYYTGVVNNNEM[147]VALQRDPNNPYDK 1
2 EYNVNDDSMKLGGNNTSEKADGLSK 1
3 RVESIQC[330]FQNTTEAGSPTIM[147]LLSLK 1

SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]

0.00 4.34 0.10 0.00 1 2

2 M[147]AAAAGGGGPGTAVGATGSGIAAAAAGLAVYRRK 1
2 AGGALC[330]HILGAAYK 1

SMYD3_HUMAN (Q9H7B4) SET and MYND domain-containing protein 3 (EC 2.1.1.43) (Zinc finger MYND domain-containing protein 1) [MASS=49083]	*	12.15	*	*	*	2	3 2	VLDC[339]AM[147]DAC[330]INLGLLEEALFYGTRTM[147]EPYR GVQVM[147]KVGKQLQLHQGM[147]FPQAMK	1 1
SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	0.00	7.96	0.82	0.47	3	3	2 2 2	AAEVLSLHC[339]GPWDDEIQELQKM[147]K HM[147]LQLQC[330]NAQAMTTIQHTGPK AAVTPELC[339]PDVTIWGVAM[147]LR	1 1 1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	14.09	0.88	0.14	3	3	2 2 2 2	AALC[339]HFIVDELNAK AALC[330]HFIVDELNAKLALEK VKASHSFLR AALC[330]HFIVDELNAK	1 1 3 2
SNAT_HUMAN (Q16613) Serotonin N-acetyltransferase (EC 2.3.1.87) (Aralkylamine N-acetyltransferase) (AA-NAT) (Serotonin acetylase) [MASS=23344]	*	4.83	*	*	*	1	3	RHTLPASEFR	1
SNTB2_HUMAN (Q13425) Beta-2-syntrophin (59 kDa dystrophin-associated protein A1 basic component 2) (Syntrophin 3) (SNT3) (Syntrophin-like) (SNTL) [MASS=57949]	*	6.85	*	*	*	2	2 3	PIVFLHTFLSAKVTR PIVFLHTFLSAKVTRM[147]GLLV	1 1
SNX23_HUMAN (Q96L93) Kinesin-like motor protein C20orf23 (Sorting nexin-23) [MASS=152010]	0.00	4.10	*	*	*	3	1 2 3	LASLNSGSR SHAIFTIKFTQAKFDSEM[147]PC[339]ETVSK LQDLHRVISEGC[330]STSADTMK	2 1 1
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	*	3.92	*	*	*	1	1	VWGSIK	2
SON_HUMAN (P18583) SON protein (SON3) (Negative regulatory element-binding protein) (NRE-binding protein) (DBP-5) (Bax antagonist selected in saccharomyces 1) (BASS1) [MASS=263845]	*	3.50	*	*	*	4	3 2 2 3 2	SMM[147]SPMADRSMMMSGADRSMMSSSYAADR SMMSPMAERSMMSAYERSMMSAYER DLSGKHPVSALM[147]EIC[339]NK SMMSPM[147]AERSMMSAYERSMMSAYER HFLFRVLRNGALTR	1 1 1 1 1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.88	16.16	0.73	0.06	2	2	3 2	C[339]LTQSGIAGGYKPFNLETC[339]R ITFDDYIAC[330]C[330]VK	1 1

SPAG1_HUMAN (Q07617) Sperm-associated antigen 1 (Infertility-related sperm protein Spag-1) (HSD-3.8) [MASS=103600]	*	3.13	*	*	*	1	3	SGEEGYYPELTEFC[339]EKHLQALAPESRALR	1
SPAG6_HUMAN (O75602) Sperm-associated antigen 6 (PF16 protein homolog) (Sperm flagellar protein) (Repro-SA-1) [MASS=55476]	*	5.89	*	*	*	1	2	AVAVTNTLPVLLSLYMSTESSEDLQVKSKK	1
SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	*	3.76	*	*	*	1	2	PHDYRQEQPETFWIQR	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	*	2.44	*	*	*	1	2	SQTDVYNDSTNLAC[339]JR	1
SPN90_HUMAN (Q9NZQ3) SH3 adapter protein SPIN90 (NCK-interacting protein with SH3 domain) (SH3 protein interacting with Nck, 90 kDa) (VacA-interacting protein, 54 kDa) (VIP54) (AF3p21) (Diaphanous protein-interacting protein) (Dia-interacting protein 1) [MASS=78960]	0.00	8.86	0.13	0.00	1	3	3	M[147]EYLSLMHAIVRTTPYLQHR	1
							3	LRMEYLSLMHAIVRTTPYLQHR	1
							3	M[147]C[330]KRNEFESVLALVAYYQM[147]EHR	1
SPR1B_HUMAN (P22528) Cornifin B (Small proline-rich protein IB) (SPR-IB) (14.9 kDa pancornulin) [MASS=9888]	0.00	23.60	2.07	0.00	1	1	2	VPEPC[339]PSIVTPAPAQQKTKQK	1
SPSY_HUMAN (P52788) Spermine synthase (EC 2.5.1.22) (Spermidine aminopropyltransferase) (SPMSY) [MASS=41268]	*	12.02	*	*	*	2	3	EGREFDYVINDLTAVPISTSPPEEDSTWEFLR	1
							2	RLPPIVRGGAIDR	1
SPT5H_HUMAN (O00267) Transcription elongation factor SPT5 (hSPT5) (DRB sensitivity-inducing factor large subunit) (DSIF large subunit) (DSIF p160) (Tat-cotransactivator 1 protein) (Tat-CT1 protein) [MASS=120999]	*	2.76	*	*	*	2	2	IGEERATAISLMRK	1
							2	SVTGGMC[330]SVYLKDSEK	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	*	2.22	*	*	*	3	2	EANKQQNFNTGIK	1
							2	QFQDAGHFDAENIKKK	1
							2	FLSDFRDLMSWINGIRGLVSSDELAK	1

SPTA3_HUMAN (Q8NHX4) Spermatogenesis-associated protein 3 (Testis spermatocyte apoptosis-related protein 1) (Testis and spermatogenesis cell-related protein 1) [MASS=19949]	*	12.57	*	*	*	1	2	PSSHRNAC[330]PPSPRNC[339]GC[339]GSGGSR	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	0.98	4.17	0.74	0.00	1	5	2	VHTAFERELHLLGVQVQQFQDVATRLQTAYAGEK	1
							3	HRELPEDVGLDASTAESFHR	1
							2	IHC[330]LENVDK	1
							2	IKALADEREVVQK	1
							3	FFWEMDEAESWIK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	0.98	2.16	*	*	*	2	2	TKVIESTQDLGNDLAGVM[147]ALQR	1
							3	TALPAQSAATLPARTQETPSAQMEGFLNR	1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	0.98	3.35	*	*	*	5	2	LREVQTGWEDLRATMR	1
							3	FREFSRDTSTIGQER	1
							2	RERLQEHLR	1
							2	EVQTGWEDLRATMRR	1
							2	GM[147]TRAMTM[147]PPVSPVGAEGPVVLRSK	1
SQRD_HUMAN (Q9Y6N5) Sulfide:quinone oxidoreductase, mitochondrial precursor (EC 1.-.-.-) [MASS=49960]	0.00	4.67	3.64	0.00	1	2	2	YDGYTSC[339]PLVTGYNR	1
							1	ALQDFK	1
SRC_HUMAN (P12931) Proto-oncogene tyrosine-protein kinase Src (EC 2.7.10.2) (p60-Src) (c-Src) (pp60c-src) [MASS=59703]	0.00	8.60	5.44	0.00	1	3	2	HADGLC[339]HR	1
							2	LTTVC[339]PTSKPQTQGLAK	1
							3	MPC[339]PPEC[339]PESLHDLML[147]C[330]QC[330]WRK	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	5.79	2.02	0.13	3	1	3	NFFEPTLLC[330]NVTQDM[147]LC[339]THEETFGPLAPVIK	1
							3	NFFEPTLLC[339]NVTQDMLC[339]THEETFGPLAPVIK	2
							3	NFFEPTLLC[330]NVTQDM[147]LC[330]THEETFGPLAPVIK	1
ST18_HUMAN (O60284) Suppression of tumorigenicity protein 18 (Zinc finger protein 387) [MASS=115154]	*	4.01	*	*	*	3	2	GGVKMTPTKEEK	1
							2	C[339]PVI GC[339]DGQGHISGK	1
							2	RQKENPLNGASLSWK	1

STAB2_HUMAN (Q8WWQ8) Stabilin-2 precursor (FEEL-2 protein) (Fasciclin EGF-like laminin-type EGF-like and link domain-containing scavenger receptor 1) (FAS1 EGF-like and X-link domain-containing adhesion molecule 2) (Hyaluronan receptor for endocytosis) [[MASS=277027]	*	4.59	*	*	*	6	3 C[330]PDGYTM[147]ITSGSVGVRDC[330]R 2 TYLSLPGC[330]RHIC[339]R 3 QQPENISNPLYESTTSAPPEPSYDPFTDSEER 3 C[330]PANSEPTALFTHRC[339]VYSGR 2 C[330]LC[339]VHGTC[330]NNR 2 EAC[339]JANEAAATMATYNQLSYAQK	1 1 1 1 1 1
STAG2_HUMAN (Q8N3U4) Cohesin subunit SA-2 (Stromal antigen 2) (SCC3 homolog 2) [MASS=141326]	*	3.33	*	*	*	2	3 GVVTAEMFRHMQNSEIIR 3 M[147]NGHHQQNGVENMMLFEVVKM GK	1 1
STAR8_HUMAN (Q92502) StAR-related lipid transfer protein 8 (StARD8) (START domain-containing protein 8) [MASS=112600]	0.00	8.11	1.45	0.00	1	4	3 IRDSFPTLQAAGPETKL 2 PGPRDLSDNMAATQGLSHM[147]ISDC[339]K 2 SPDWYNKVFGHLC[339]AM[147]EVAK 3 SLSIESLC[330]PEDGHRLADWQPGR	1 1 1 1
STS_HUMAN (P08842) Steryl-sulfatase precursor (EC 3.1.6.2) (Steroid sulfatase) (Steryl-sulfate sulfohydrolase) (Arylsulfatase C) (ASC) [MASS=65492]	*	10.98	*	*	*	3	3 LASGGVKLTQHAAASPLC[330]TPSRAAFMTGR 3 PWLQLC[339]C[330]PSTGLSC[330]QC[330]DREKQDK 2 ERNPLTPASEPR	1 1 1
STX11_HUMAN (O75558) Syntaxin-11 [MASS=33196]	*	2.44	*	*	*	1	1 QLEIM[147]GK 2 YSTHLHLAEDC[330]M[147]K 2 LAEQIATLC[330]ATLK 2 YSTHLHLAEDC[330]MK	1 1 2 2
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	16.84	0.65	0.26	11	7	2 C[330]AYEVTQANGK 2 C[339]AYEVTQANGK 2 YSTHLHLAEDC[339]M[147]K 3 YSTHLHLAEDC[330]MKHYQGTVDK 2 RMNTGEKTTMR 2 LAEQIATLC[339]ATLK 2 HYQGTVDKLC[330]R 2 AAHVFFTDSC[330]PDALFNELVK 3 YSTHLHLAEDC[330]M[147]KHYQGTVDK	1 1 1 1 1 1 1 1 1
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	0.00	12.01	1.00	0.00	1	2	3 QGTFHSQQALEYGTKLVGGTTTPGK 2 LIGPNC[339]PGVINPGEC[339]K	1 1

SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	*	9.07	*	*	*	2	2	TAQRAAAQVLGSSGLFNNHGLQVQQQQQR	1
							3	INFDSNSAYRQKK	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	*	4.83	*	*	*	1	2	ESSPKQYM[147]QLGGR	1
SV2A_HUMAN (Q7L0J3) Synaptic vesicle glycoprotein 2A [MASS=82695]	*	2.16	*	*	*	1	2	VEHVTFNFTLENQIHR	1
							2	EVGRTAANKIK	1
							3	PQDSSEQPQEKLC[330]KNPC[330]AMFAAGEIK	1
							3	SKYC[330]TETSGVHGDSPTYGSGTMDTHSLESK	1
							3	VQASKNPLKM[147]LAAR	8
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	*	3.61	*	*	*	4			
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	0.77	4.96	1.03	0.00	1	2	2	NVGC[330]LQEALQLATSFAQLR	1
							2	VLEKTKQFIDSNPNQPLVILEMESGASAK	1
SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	*	5.07	*	*	*	4	2	VILEDVAM[147]LHIKPDQFTYTSDFETIMK	1
							2	GVPIRLEVGPDMK	1
							2	HEELMLGDPC[339]LKDLK	1
							2	SEM[147]IEYHDISGC[339]YILR	1
SYFA_HUMAN (Q9Y285) Phenylalanyl-tRNA synthetase alpha chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase alpha chain) (PheRS) (CML33) [MASS=57432]	*	2.17	*	*	*	1	2	WVEVGNSGVFR	1
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	0.83	7.30	0.96	0.00	1	3	2	LHQNIC[339]R	1
							2	RALVAIGTHDLDTLSPFTYTAK	1
							3	NPGFEIHHLLDR	1

SYHH_HUMAN (P49590) Histidyl-tRNA synthetase homolog (EC 6.1.1.21) (Histidine--tRNA ligase homolog) (HisRS) [MASS=56888]	*	2.57	*	*	*	1	2	VWRRESPTIVQGR	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.99	7.11	1.40	0.00	1	4	3	DQLGGWFQSSLLTSVAARKR	1
							3	C[339]WKYTAESSDTLC[339]PR	1
							2	KPGLEEAVESAC[339]AM[147]R	1
							2	LLVRSVSGASNHPNSNSGRYR	1
SYM_HUMAN (P56192) Methionyl-tRNA synthetase (EC 6.1.1.10) (Methionine--tRNA ligase) (MetRS) [MASS=101115]	0.97	2.22	0.78	0.00	1	1	2	VPVLQLDSGNYLFSTSAIC[330]R	1
							3	ATEM[147]IDQLQDKLPGSSAEKASK	1
							2	HSELELNIAQNMVSQVK	2
SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	0.00	2.76	0.59	0.00	1	12	3	DFEVSAEPIQDWLSKTEKMHVHSSNR	1
							2	DKQALQDC[330]ASELGSFEDQHRK	1
							1	DEAEQLAGK	1
							3	MKWESLHQEFSTKQK	1
							2	DLPQIINK	1
							3	QLGKALDDSRFQIQQTENIIR	1
							3	QSPPPDPM[147]AQNLLM[147]DHLLAIC[330]SELEAKQM[147]LLK	1
							2	LLALLEVLSGQKLPC[330]EQGR	1
							2	TPTGPELDTSYKGYM[147]KLLGEC[330]SSSIDSVK	1
						2	ITLYQHLKSSLNEYQPKLYQVLDDGK	1	
SYNPR_HUMAN (Q8TBG9) Synaptoporin [MASS=29166]	0.99	5.28	0.64	0.00	1	1	2	LHQVTFEVPTC[330]EGK	1
							1	LHQVYFDAPTC[330]R	2
							2	LHQVYFDAPTC[339]R	1
							2	EM[147]PVC[339]R	2
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	5.75	0.43	0.19	10	2	1	LHQVYFDAPTC[339]R	1
							2	LHQVYFDAPTC[330]R	2
							2	EM[147]PVC[330]R	3
SYT11_HUMAN (Q9BT88) Synaptotagmin-11 (Synaptotagmin XI) (SytXI) [MASS=48306]	*	5.57	*	*	*	1	2	GELQVSLSYQPVAQRMTVVVLKAR	1

SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (SytI) (p65) [MASS=47573]	*	2.61	*	*	*	1	2	EKGGKNAINMK	1
SYT7_HUMAN (O43581) Synaptotagmin-7 (Synaptotagmin VII) (SytVII) [MASS=45567]	*	5.97	*	*	*	1	3	TVTMKRNLNPNFNESFAFDIPTEK	1
SYV_HUMAN (P26640) Valyl-tRNA synthetase (EC 6.1.1.9) (Valine--tRNA ligase) (ValRS) (Protein G7a) [MASS=140475]	0.00	1.19	4.13	0.00	1	1	3	C[339]SIHLQLQGLVDPAR	1
SYW_HUMAN (P23381) Tryptophanyl-tRNA synthetase (EC 6.1.1.2) (Tryptophan--tRNA ligase) (TrpRS) (IFP53) (hWRS) [MASS=53165]	*	1.70	*	*	*	1	2	EVTDEIVK	1
TAB1_HUMAN (Q15750) Mitogen-activated protein kinase kinase kinase 7-interacting protein 1 (TGF-beta-activated kinase 1-binding protein 1) (TAK1-binding protein 1) [MASS=54644]	0.00	2.38	0.67	0.00	1	1	2	QVGIIIC[339]GQESTR	1
TAB3_HUMAN (Q8N5C8) Mitogen-activated protein kinase kinase kinase 7-interacting protein 3 (TAK1-binding protein 3) (NF-kappa-B-activating protein 1) [MASS=78652]	*	6.18	*	*	*	2	3	ALQILPQIPSNLYGSPGSIIYRQTSQSSSGR	1
							2	YLYM[147]EYHSPDDNR	1
TAD2L_HUMAN (O75478) Transcriptional adapter 2-like (ADA2-like protein) [MASS=51496]	*	5.42	*	*	*	1	3	LVPGAYLEYKSALLNEC[330]NKQGGLR	1
TAP1_HUMAN (Q03518) Antigen peptide transporter 1 (APT1) (Peptide transporter TAP1) (ATP-binding cassette sub-family B member 2) (Peptide transporter PSF1) (Peptide supply factor 1) (PSF-1) (Peptide transporter involved in antigen processing 1) [MASS=80964]	0.00	4.28	1.14	0.00	1	1	3	GLC[339]LLGIMLWGSVSLTM[147]VTLITLPLLFLPKK	1
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	*	7.49	*	*	*	4	3	HC[339]FTGSYPVIEPLLK	1
							3	QIPLERIIVETDAPYFLPR	1
							2	FSRSSEEREVK	1
							2	LRDQGSTM[147]IYLK	1
TAU_HUMAN (P10636) Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	1.00	5.55	1.16	0.08	2	2	2	VTSKC[339]GSLGNIHHKPGGGQVEVK	1
							2	C[339]GSLGNIHHKPGGGQVEVK	1
							3	C[330]GSLGNIHHKPGGGQVEVK	1

							2	SIQFVDWC[330]PTGFK	2
							2	YMAC[339]C[339]LLYR	1
							2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
							2	AYHEQLSVAEITNAC[339]FEPANQMVK	1
							2	YMAC[330]C[330]LLYR	2
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	17.41	0.71	0.10	9	4	2	YM[147]AC[339]C[339]LLYR	2
							2	SIQFVDWC[339]PTGFK	2
							2	YM[147]AC[330]C[330]LLYR	2
							3	LSDQC[339]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	1
							2	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
							3	LSDQC[330]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	1
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	0.00	2.89	*	*	*	1	2	TIQFVDWC[330]PTGFK	1
							2	TIQFVDWC[339]PTGFK	1
							3	LADQC[339]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	4
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	0.00	7.10	*	*	*	1	3	LADQC[339]TGLQGFLVFHSFGGGTSGGFTSLLMER	3
							3	LADQC[330]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	3
TBA6_HUMAN (Q9BQE3) Tubulin alpha-6 chain (Alpha-tubulin 6) [MASS=49895]	1.00	5.35	0.82	0.17	13	1	3	AYHEQLTVAEITNAC[339]FEPANQM[147]VK	1
TBA8_HUMAN (Q9NY65) Tubulin alpha-8 chain (Alpha-tubulin 8) [MASS=50093]	0.57	18.49	0.88	0.00	1	3	3	IRKLTDAC[330]SGLQGFLIFHSFGGGTSGGFTSLLM[147]ER	1
							2	AYHEQLSVAEITSSC[330]FEPNSQM[147]VK	1
							3	HVPRAVM[147]IDLEPTVVDEVRAQTYR	1
							2	LAVNM[147]VPFPR	1
							2	VAVC[330]DIPPR	2
TBB1_HUMAN (Q9H4B7) Tubulin beta-1 chain [MASS=50327]	0.00	8.20	*	*	*	4	2	RGRYLTVAC[330]IFR	1
							2	EEYPDR	1

TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	35.06	0.63	0.10	2	8	3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLISK	1
							2	NM[147]M[147]AAC[339]DPRHGR	1
							2	NM[147]MAAC[339]DPR	1
							3	M[147]SM[147]KEVDEQM[147]LNVQKNSSYFVEWIPNNVK	1
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	3
							3	LTTPTYGDLNHLVSATMSGVTTC[330]LR	1
							1	TAVC[330]DIPPR	1
							2	NM[147]M[147]AAC[330]DPR	3
							3	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
							2	TAVC[330]DIPPR	7
							1	GRM[147]SM[147]K	1
							2	NM[147]M[147]AAC[339]DPR	2
							2	LTTPTYGDLNHLVSATMSGVTTC[330]LR	2
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLISK	1

								2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	3
								3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGMGTLISK	1
								2	NMM[147]AAC[330]DPR	4
								2	NMM[147]AAC[339]DPR	2
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	35.06	0.63	0.10	2	8		3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								2	LTTPTYGDLNHLVSATMSGVTTC[339]LR	2
								2	TAVC[339]DIPPR	2
								1	TAVC[339]DIPPR	1
								3	KEAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	3
								2	EIVHIQAGQC[339]GNQIGAK	3
								2	EIVHIQAGQC[330]GNQIGAK	3
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.64	0.64	51	2		3	EIVHIQAGQC[339]GNQIGAK	1
								1	EIVHIQAGQC[330]GNQIGAK	1
								3	M[147]REIVHIQAGQC[330]GNQIGAK	1
								2	M[147]REIVHIQAGQC[330]GNQIGAK	2
TBCD2_HUMAN (Q9BYX2) TBC1 domain family member 2 (Prostate antigen recognized and identified by SEREX) (PARIS-1) [MASS=104165]	*	3.05	*	*	*	2		2	FGGKGPIRGWK	1
								2	ELVKILHKALEAAQKEK	1
TBCD4_HUMAN (O60343) TBC1 domain family member 4 (Akt substrate of 160 kDa) (AS160) [MASS=146562]	*	3.70	*	*	*	3		3	ATDPSQVPDVSSIR	1
								2	LDYEEVGAC[330]QKEVLITWDDK	1
								2	NLTPDM[147]NTSEM[147]EK	1
TBCD5_HUMAN (Q92609) TBC1 domain family member 5 [MASS=89004]	*	1.38	*	*	*	1		2	ARGADLM[147]NKSR	1

TBCD8_HUMAN (O95759) TBC1 domain family member 8 (Vascular Rab-GAP/TBC-containing protein) (AD 3) [MASS=102676]	*	2.45	*	*	*	2	3 2	AQNEFFRAFFR DDGQALM[147]ILSR	1 1
TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	*	1.02	*	*	*	1	2	EEATSPGAKDM[147]PLSSDGNPK	1
TCGAP_HUMAN (O14559) TC10/CDC42 GTPase-activating protein (Sorting nexin-26) [MASS=137212]	*	3.19	*	*	*	2	2 3	GAEAPLTDAC[339]QQEM[147]C[330]SKLR RLLLSEASLNIPAVAAAHVIK	1 1
TCPH_HUMAN (Q99832) T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) [MASS=59366]	*	3.87	*	*	*	1	3	MVVDAVM[147]M[147]LDDLLQLKMIGIK	2
TCPQ_HUMAN (P50990) T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) (NY-REN-15 antigen) [MASS=59489]	0.00	2.56	0.47	0.00	1	1	2	AHEILPNLVC[330]C[330]SAK	1
TCRG1_HUMAN (O14776) Transcription elongation regulator 1 (TATA box-binding protein-associated factor 2S) (Transcription factor CA150) [MASS=123959]	0.00	5.65	3.32	0.00	1	4	2 2 3 3	QYIEKIAKNLDSEK AIVPLEARM[147]K VPLPGMPIPLPGVAM[147]MQIVSC[339]PYVK AIVPLEARMKQFK	1 1 1 1
TDRD6_HUMAN (O60522) Tudor domain-containing protein 6 (Aantigen NY-CO-45) (Fragment) [MASS=85665]	0.00	2.52	0.25	0.00	1	1	2	GELSPVPPNVPLSQEC[330]VTK	1
TDRKH_HUMAN (Q9Y2W6) Tudor and KH domain-containing protein [MASS=67024]	*	6.77	*	*	*	2	3 3	VPQEAVKLIIGR NTSSSMEPTAPLVTPPPKGGGDM[147]AVVVSK	1 1
TEBP_HUMAN (Q15185) Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Telomerase-binding protein p23) (Hsp90 co-chaperone) (Progesterone receptor complex p23) [MASS=18697]	1.00	20.00	0.71	0.09	2	2	2 2	HLNEIDLFHC[330]IDPNDSK SKLTFSC[330]LGGSDNFK	1 1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.00	2.80	0.53	0.00	1	2	2 3	QC[330]LNAC[330]SGR LQVYC[339]DMTTDGGGWIVFQRRQNGQTDFFR	1 1

								2	ASLYARQQLNVR	1
								1	VGISSR	4
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	0.00	10.28	1.39	0.00	1	13	3	LQAQVQEFDENDGWSLNTFGKYLLSLAGQRPVDR	1	
							3	ESGEFEERLNFDINLENPSRTLISITQAK	1	
							3	VWDHQGVELTSIPAHSGPISHC[339]AAAM[147]EPR	1	
							3	DLLLRSVLPALQAR	1	
							3	YFC[330]AIVQLPSDWIQVAELYQSLAEGDKNK	1	
							2	LEESPFNNQMRLLLVK	1	
							3	YDGEMLNRYRQALETAVNLSVK	1	
							3	HHELILQRLQH GK	1	
							3	TC[339]DADASGTFR	1	
							3	PHGHVSAHPDILSLENRC[339]LATLPSLK	1	
							3	SVTEM[147]EVM[147]QFLNRNQRLQPSAQALIYFR	1	
TESK2_HUMAN (Q96S53) Dual specificity testis-specific protein kinase 2 (EC 2.7.12.1) (Testicular protein kinase 2) [MASS=63639]	*	7.71	*	*	*	3	3	LAVVGSPFWM[147]APEVLR	1	
							2	M[147]NTLSSNRANMLKEVQLM[147]NR	1	
							2	MNTLSSNR	1	
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	*	1.47	*	*	*	2	3	DLNNEPISPIGLEEDTIIASRK	1	
							3	SYGENIVELSSSDSLLLR	1	
TEX9_HUMAN (Q8N6V9) Testis-expressed sequence 9 protein [MASS=44826]	*	9.46	*	*	*	3	3	QAASSQSATEVRLNR	1	
							3	QQRTINMQSQVEK	1	
							1	GELM[147]IGFK	2	
TFF3_HUMAN (Q07654) Trefoil factor 3 precursor (Intestinal trefoil factor) (hP1.B) [MASS=8641]	0.00	41.25	3.62	0.00	1	1	3	ALC[339]M[147]LGLVLALLSSSSAEEYVGLSANQC[339]AVPAK	1	
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	3.36	13.58	0.00	1	1	3	GITTEQLDALGC[339]R	2	
THAP7_HUMAN (Q9BT49) THAP domain-containing protein 7 [MASS=34440]	*	6.15	*	*	*	1	3	QTLKEHVQDFAM[147]QLSSSMA	1	
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	2.81	1.18	0.04	4	1	2	IHMGSC[339]AENTAK	1	
							2	IHM[147]GSC[339]AENTAK	1	
							2	IHMGSC[330]AENTAK	1	
							2	IHM[147]GSC[330]AENTAK	1	

THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	0.72	14.36	1.48	0.00	1	3	3	PQTTLQLQKLPPVFK	1
							2	EEC[339]DKYALQSQQR	1
							3	EAEVVLIC[330]GGTESMSQAPYC[330]VRNVRFGTK	1
THRB_HUMAN (P00734) Prothrombin precursor (EC 3.4.21.5) (Coagulation factor II) [Contains: Activation peptide fragment 1; Activation peptide fragment 2; Thrombin light chain; Thrombin heavy chain] [MASS=70036]	0.00	3.70	1.57	0.00	1	1	3	YPHKPEINSTTHPGADLQENFC[339]R	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.99	8.70	0.38	0.08	4	1	2	VTSLTAC[330]LVDQSLR	4
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	1.00	60.00	1.61	0.00	2	4	2	M[147]TSAC[330]HR	1
							2	C[339]VPPHYK	1
							3	AQQLAAEELEVEMMADM[147]YNRMTSAC[330]HRK	1
							2	LTELSMQDEELMK	1
							2	C[330]VPPHYK	1
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	1.00	15.79	0.84	0.01	2	1	2	C[330]IGKPGGSLDNSEQK	1
							2	C[339]IGKPGGSLDNSEQK	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.75	30.34	1.15	0.00	1	2	2	QFKEFLGTYNK	1
							3	EVKPEETTC[330]SEHC[330]LQK	1
							3	EVKPEETTC[339]SEHC[339]LQK	1
TKT_HUMAN (P29401) Transketolase (EC 2.2.1.1) (TK) [MASS=67877]	0.00	6.26	1.13	0.00	1	2	2	IIALDGDTKNSTFSEIFK	1
							3	FIEC[339]YIAEQNMVSIAGVC[339]ATR	1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	*	3.34	*	*	*	3	3	SASAAQRELVAQGKVGSIANAADDGQWSQGLISAAR	1
							2	DPPTWSVLAGHSHTVSDSIKSLITSIR	1
							3	GVKLLAALM[147]DDEVGSGEDLLR	2
TLR5_HUMAN (O60602) Toll-like receptor 5 precursor (Toll/interleukin-1 receptor-like protein 3) [MASS=97725]	*	3.38	*	*	*	1	3	MGDHLDLLLGVVLMAGPVFGIPSC[330]SFDGR	1
TMED9_HUMAN (Q9BVK6) Transmembrane emp24 domain-containing protein 9 precursor (Glycoprotein 25L2) [MASS=25105]	*	11.21	*	*	*	1	3	KC[339]FIEEIPDETMVIGNYRTQLYDK	1
TMEM8_HUMAN (Q9HCN3) Transmembrane protein 8 precursor (M83 protein) [MASS=84716]	*	3.63	*	*	*	1	3	RGMWNMLGPC[330]LFAFVIM[147]ASMWAYRC[339]GHR	1

TMM27_HUMAN (Q9HBJ8) Collectrin precursor (Transmembrane protein 27) [MASS=25235]	*	4.05	*	*	*	1	2	AMVAFSMRK	1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	0.00	2.46	1.17	0.00	1	2	2	RPGVYAR	1
							3	LVRPIC[339]LPEPAPRPPDGTR	1
TNI3K_HUMAN (Q59H18) Serine/threonine-protein kinase TNNI3K (EC 2.7.11.1) (TNNI3-interacting kinase) (Cardiac ankyrin repeat kinase) [MASS=104178]	*	2.78	*	*	*	1	2	LVQFLDNGADMNLVAC[330]DPSRSSGEK	1
TNK1_HUMAN (Q13470) Non-receptor tyrosine protein kinase TNK1 (EC 2.7.10.2) (CD38 negative kinase 1) [MASS=72499]	*	4.95	*	*	*	1	3	KIMEMELSVHGVTHQEC[339]QTALGATGGDVVSAIR	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	16.12	0.92	0.09	5	5	3	ADEM[147]YDKC[339]IDLEPDNATTYVHK	1
							3	SEM[147]JEM[147]AHLYSLC[339]DAAHAQTEVAK	1
							2	C[330]AEGYALYAQALTDQQQFGK	1
							3	ILLDQVEEAVADFDEC[339]IR	1
							2	C[330]IDLEPDNATTYVHK	1
							3	ILLDQVEEAVADFDEC[330]IR	1
TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Reteplase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	*	1.96	*	*	*	1	3	RGARSYQVIC[339]R	2
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	19.35	0.59	0.06	3	3	1	IAVAAQNC[330]YK	1
							2	VAHALAEGLGVIAC[330]IGEK	1
							2	VPADTEVVC[330]APPTAYIDFAR	1
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	*	6.54	*	*	*	2	2	LLGKTDVQR	3
							3	QLIFTTSDNLVPGRIQIVTDSASVERLLGK	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	*	3.39	*	*	*	1	3	KLLHVHFLSAQELGNEEQKEKLLR	1

TRFR_HUMAN (P34981) Thyrotropin-releasing hormone receptor (TRH-R) (Thyroliberin receptor) [MASS=45085]	*	5.03	*	*	*	1	3	IC[339]IYLNSAINPVIYNLMSQK	1
TRI18_HUMAN (O15344) Midline-1 (EC 6.3.2.-) (Tripartite motif-containing protein 18) (Putative transcription factor XPRF) (Midin) (RING finger protein 59) (Midline 1 RING finger protein) [MASS=75250]	0.28	8.85	1.74	0.00	1	3	3 LAQQIANC[339]KQC[339]IER 3 C[339]LTITGLPIPDHLC[330]TEQLP 3 ILVSHC[339]ATNESVESITAFQC[339]PTC[339]R	1 1 1	
TRI32_HUMAN (Q13049) Tripartite motif-containing protein 32 (EC 6.3.2.-) (Zinc-finger protein HT2A) (72 kDa Tat-interacting protein) [MASS=71988]	0.00	3.52	0.92	0.00	1	1	2 FVTC[339]DAEGTVYFTQGLGLNLENR	1	
TRIM4_HUMAN (Q9C037) Tripartite motif-containing protein 4 (RING finger protein 87) [MASS=57400]	*	13.20	*	*	*	3	2 RFQVAVNLAEDTAHPKLVFSQEGR 2 TAFVERFQHLPC[330]VLGKNVFTSGK 2 HYWEVESRDSLEVAVGVC[339]R	1 1 1	
TRIO_HUMAN (O75962) Triple functional domain protein (PTRF-interacting protein) [MASS=341614]	*	1.32	*	*	*	2	2 MFDWITHNK 3 TPHNSSINHIE TVLQQLEAQSQM[147]EELFQER	1 1	
TRPM7_HUMAN (Q96QT4) Transient receptor potential cation channel subfamily M member 7 (EC 2.7.11.1) (Long transient receptor potential channel 7) (LTrpC7) (Channel-kinase 1) [MASS=212696]	*	5.15	*	*	*	4	3 DEIVDIDDPETKRFYPLNELLIWAC[339]LMK 3 RQVMARFLWQHGEESM[147]AK 3 YVRLSYDTKPEVILQLLLK 3 KHGVVNTLSSSLPQGDLESNNPFHC[339]NILM[147]K	1 1 1 1	
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	0.00	1.26	0.88	0.00	1	1	2 MYDLLLLKC[339]AR	1	
TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SelZ) [MASS=56459]	*	5.53	*	*	*	1	3 GFDQQMSSMVEIHM[147]ASHGTRFLRGC[339]APSR	1	
TSC2_HUMAN (P49815) Tuberin (Tuberous sclerosis 2 protein) [MASS=200748]	*	6.42	*	*	*	5	3 EMVYC[330]LEQGLIHRC[330]AR 2 TDLHLAVVPVLTALISYHNYLDKTK 3 NLLGTHLGHSAIYNM[147]C[330]HLMEDRAYMEDAPLLR 2 ADVGRLSPEVKAR 3 AYM[147]EDAPLLRGAVFFVGM[147]ALWGAHRLYSLR	1 1 1 1 1	

TSH1_HUMAN (Q6ZSZ6) Teashirt homolog 1 (Serologically defined colon cancer antigen 3) (Antigen NY-CO-33) [MASS=117916]	0.00	4.64	1.00	0.00	1	2	2 3	PLPAAVQSVQVQPSYAGGVK ALQDLAPPC[339]SPEPAGM[147]AAEVALSES AKDQK	1 1
TSH3_HUMAN (Q63HK5) Teashirt homolog 3 (Zinc finger protein 537) [MASS=118565]	*	1.67	*	*	*	1	2	DLSKLSTEQINSQIAQTK	1
TSN18_HUMAN (Q96SJ8) Tetraspanin-18 (Tspan-18) [MASS=27710]	0.00	4.03	0.85	0.00	1	1	2	MEGDC[330]LSC[330]MK	1
TSP2_HUMAN (P35442) Thrombospondin-2 precursor [MASS=129955]	*	1.37	*	*	*	1	2	LGPHVTTEYVGPSSER	1
TSSP_HUMAN (Q9NQE7) Thymus-specific serine protease precursor (EC 3.4.-.-) [MASS=55049]	0.00	16.54	0.87	0.00	1	3	3 3 3	SLM[147]STAIGGSLEC[330]RAAVSVAFAEVER GHPAALAPAWGALVISLEHRFYGLSIPAGGLEM[147]AQLR FYGLSIPAGGLEM[147]AQLRFLSSR	1 1 1
TTC3_HUMAN (P53804) Tetratricopeptide repeat protein 3 (TPR repeat protein 3) (TPR repeat protein D) [MASS=229890]	0.00	4.84	0.06	0.00	1	6	2 3 3 2 2 2	LNSFGLDATGTFFSRYGASLK C[339]QFLDDRILQC[339]IKQYADK TQSC[330]MDC[330]IEEGELM[147]KM[147]K FVVIDNC[330]IALK LQIM[147]ESQAE AFLKK SSRAAHQDFANIMKM[147]LR	1 1 1 1 1 1
TTLL2_HUMAN (Q9BWV7) Tubulin--tyrosine ligase-like protein 2 (Testis-specific protein NYD-TSPG) [MASS=67237]	0.00	11.15	0.55	0.00	1	3	3 3 2	GGLDAPDC[330]LPYDSLSTSR GKAPDPQAGNFVLVFPFNEATLGASRNGLNVK TLM[147]PYASLFQSHSC[330]K	1 1 1
TXND3_HUMAN (Q8N427) Thioredoxin domain-containing protein 3 (Spermatid- specific thioredoxin-2) (Sptrx-2) (NM23-H8) [MASS=67269]	*	7.65	*	*	*	2	3 3	DFYKDLLEMLSVGPSM[147]VM[147]ILTK KREVQLQTVINNQSLWDEMLQNK	1 1
TXND4_HUMAN (Q9BS26) Thioredoxin domain-containing protein 4 precursor (Endoplasmic reticulum resident protein ERp44) [MASS=46971]	0.98	2.96	1.30	0.00	1	1	2	VDC[339]DQHSDIAQR	1
TYRO3_HUMAN (Q06418) Tyrosine-protein kinase receptor TYRO3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase RSE) (Tyrosine- protein kinase SKY) (Tyrosine-protein kinase DTK) (Protein-tyrosine kinase byk) [MASS=96905]	0.00	5.51	2.11	0.00	1	2	3 2	M[147]LKADIIASSDIEEFLREAAAC[339]M[147]K TSWVPVVLGVLTALVTAALALILLR	1 1

U3IP2_HUMAN (O43818) U3 small nucleolar RNA-interacting protein 2 (U3 small nucleolar ribonucleoprotein-associated 55 kDa protein) (U3 snoRNP-associated 55 kDa protein) (U3-55K) [MASS=51840]	*	1.68	*	*	*	1	1	GKSKGGGK	1
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	0.99	3.31	1.30	0.00	1	2	2 3	YFLVGAGAIGC[339]ELLK LGKQKYFLVGAGAIGC[339]ELLK	1 1
UBE3C_HUMAN (Q15386) Ubiquitin-protein ligase E3C (EC 6.3.2.-) [MASS=123922]	0.00	2.03	1.47	0.00	1	1	2	ILLENVLKPLHFTYNSC[339]PEGAR	1
UBE4B_HUMAN (O95155) Ubiquitin conjugation factor E4 B (Ubiquitin-fusion degradation protein 2) (Homozygously deleted in neuroblastoma 1) [MASS=146184]	0.00	5.68	2.44	0.00	1	4	2 2 2 2	SM[147]SQVDVDSGIENMEVDENDR EC[339]SLDSDYFK SLSDKEPSSGPEVSEEQALQLVC[330]K IHEVQEEMKNKEQWDQLPR	1 1 1 1
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	*	5.76	*	*	*	3	2 2 2	SGVEAALSEVMLSPAMQGVLIAIK PLTSSRSSM[147]EM[147]PSQPAPR ASNGDITQAVSLLTDERVK	1 1 1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	*	2.98	*	*	*	2	2 2	PEFESFFNK ELM[147]DAITKDNKLYLQEQLNAR	1 1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	*	4.47	*	*	*	2	2 2	LC[339]ENS DPTNVLSC[330]HFSKADTIATIEK KDRVM[147]EVFLVPADPHC[339]R	1 1
UBP5_HUMAN (P45974) Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) (Deubiquitinating enzyme 5) (Isopeptidase T) [MASS=95786]	1.00	6.88	0.73	0.04	2	3	3 2 2 3	LGHGLLSGEYSKVPESGDGER QAEEEKM[147]ALPELVR NLGNSC[330]YLN SVVQVLFSIPDFQR NLGNSC[339]YLN SVVQVLFSIPDFQR	1 1 1 1

UBP6_HUMAN (P35125) Ubiquitin carboxyl-terminal hydrolase 6 (EC 3.1.2.15) (Ubiquitin thioesterase 6) (Ubiquitin-specific-processing protease 6) (Deubiquitinating enzyme 6) (Proto-oncogene TRE-2) [MASS=158657]	*	2.49	*	*	*	2	3 2	DPALC[339]QHKPLTPQGDELSKPR RSSEHIIHHIDLVR	1 1
UBR1_HUMAN (Q8I WV7) Ubiquitin-protein ligase E3 component N-recognin-1 (EC 6.-.-.-) (Ubiquitin-protein ligase E3-alpha-1) (Ubiquitin-protein ligase E3-alpha-I) [MASS=200209]	*	4.12	*	*	*	3	2 2 2	M[147]QFLEGFRSFLKILTC[339]M[147]QGM[147]EEIR EKSC[339]LIVATTSGSESIKNDEITHDK GIPQLEGQKDMITWILQMFDTVK	1 1 1
UBR2_HUMAN (Q8I WV8) Ubiquitin-protein ligase E3 component N-recognin-2 (EC 6.-.-.-) (Ubiquitin-protein ligase E3-alpha-2) (Ubiquitin-protein ligase E3-alpha-II) [MASS=200537]	0.00	3.36	1.09	0.00	1	3	2 2 3	NSPSILAMLETLQNAPYLEVHK YC[330]VSQEK REMFDKDVVM[147]LQTVGSMM[147]DPNHFLM[147]IMLSR	1 1 1
							2 1 2	C[330]FEKNEAIQAAHDAVAQEGQC[330]R FSAVALC[339]K NEAIQAAHDAVAQEGQC[330]R	1 1 2
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	45.74	0.53	0.49	11	5	2 3 3 2 1	FSAVALC[330]K QTIGNSC[330]GTIGLIHAVANNQDK QTIGNSC[339]GTIGLIHAVANNQDKLGFEDGSVLK C[330]FEKNEAIQAAHDAVAQEGQC[330]R QTIGNSC[339]GTIGLIHAVANNQDK FSAVALC[330]K	3 1 1 1 1 1
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.98	12.07	1.46	0.00	1	2	3 2	FLLSGC[339]AATVAELATFPLDLTK GMVRTALGIIEEGFLK	1 1

							2	EQC[330]EQLEK	3
							2	SHTEEDC[339]TEELFDLHAR	1
							2	SHTEEDC[330]TEELFDLHAR	1
							2	EQC[339]EQLEK	3
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	46.15	1.19	0.06	16	4	2	ERLELC[330]DER	1
							2	DHC[330]VAHK	2
							1	DHC[330]VAHK	2
							2	ERLELC[339]DER	1
							2	DHC[339]VAHK	2
							3	ERLELC[339]DER	1
							3	SHTEEDC[330]TEELFDLHAR	2
UCRQ_HUMAN (O14949) Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C (EC 1.10.2.2) (Ubiquinol-cytochrome c reductase complex 9.5 kDa protein) (Complex III subunit VII) [MASS=9775]	*	9.88	*	*	*	1	2	RIRESFFR	1
UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	*	4.25	*	*	*	4	3	YNSWPSSLQELLR	1
							2	FTILDSQGKTA AVANSM[147]NYLTK	1
							2	ILASPVELALVVMKDLSQNFPTK	1
							1	TSGQKIK	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	*	6.19	*	*	*	3	3	LIFSHAVQM[147]VQSAALDEM FQHREGC[339]VPRYHK	1
							3	KDLIGHGAF AVVFKGR	1
							2	LNELYKASVVSC[330]QGLSLR	1
UN13C_HUMAN (Q8NB66) Unc-13 homolog C (Munc13-3) (Fragment) [MASS=135621]	*	4.62	*	*	*	3	3	QC[339]AIM[147]EVVLATIKQYFHAGGNLKK	1
							3	YGIESIQAM[147]THFSC[339]LSSK	1
							2	C[330]LEC[330]GVKC[339]HEK	1
							3	NHSRTFPHGNNHSFSTM[147]HPRNK	2
UNC5D_HUMAN (Q6UXZ4) Netrin receptor UNC5D precursor (Unc-5 homolog D) (Unc-5 homolog 4) [MASS=105879]	0.00	7.97	0.16	0.00	1	4	2	QGNSLLNSAMQPD LTVSR	1
							2	IC[330]ATFDT PNAK	1
							3	LLHFKGNTFSLQISVLDIPPFLWR	1

UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	22.71	1.05	0.06	13	6	3	NALVSHLDGTTTPVC[339]EDIGR	1
							2	NALVSHLDGTTTPVC[339]EDIGR	1
							3	AVELLGDIVQNC[339]SLEDSQIEKER	2
							3	LC[339]QSFQTFSC[339]YAETGLLGAHFVC[339]DR	1
							1	GKNILR	1
							2	LC[339]TSATESEVAR	2
							2	NALVSHLDGTTTPVC[330]EDIGR	1
							3	YIYDQC[330]PAVAGYGPIQLPDYNR	1
							2	AVELLGDIVQNC[330]SLEDSQIEKER	1
							3	LC[330]QSFQTFSC[330]YAETGLLGAHFVC[330]DR	2
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	2.87	1.11	0.04	5	1	2	AVELLGDIVQNC[339]SLEDSQIEKER	1
							2	LC[330]TSATESEVAR	2
							2	NALANPLYC[330]PDYR	2
							2	NALANPLYC[339]PDYR	3
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	1.00	1.99	0.81	0.20	3	1	2	LFPHC[339]GR	1
							2	LFPHC[330]GR	2
VAPA_HUMAN (Q9P0L0) Vesicle-associated membrane protein-associated protein A (VAMP-associated protein A) (VAMP-A) (VAP-A) (33 kDa Vamp-associated protein) (VAP-33) [MASS=27317]	*	9.50	*	*	*	1	2	FM[147]VQTIFAPPNTSDMEAVWKEAK	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	1.00	4.86	0.24	2.63	4	2	3	FC[330]PFYKTVGMLSNMIAFYDMARR	3
							2	C[339]LGNPER	1
							2	C[330]LGNPER	1

VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	3.90	*	*	*	1	2	IPIFSAAGLPHNEIAAQIC[330]JR	1
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	3.52	0.68	0.02	2	1	2	KDHADVSNQLYAC[339]YAIGK	1
VATH_HUMAN (Q9UI12) Vacuolar ATP synthase subunit H (EC 3.6.3.14) (V-ATPase H subunit) (Vacuolar proton pump H subunit) (V-ATPase 50/57 kDa subunits) (Vacuolar proton pump subunit SFD) (VMA13) (Nef-binding protein 1) (NBP1) [MASS=55883]	*	4.55	*	*	*	1	3	VNWQSYLQGQMISAEDC[339]EFIQR	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	*	12.41	*	*	*	6	2	YMQKMGM[147]TEDDKR	1
							2	EIIELLFHKMTDDPM[147]NNK	1
							3	MFLRGTFYQGYM[147]C[330]TKC[330]GVGAHK	1
							3	YLFLFDKVVIVC[330]K	1
							3	MWSYGFYLIHLQGKQGFQFFC[330]K	1
							2	QQLKEALEAM[147]QDLAMYINEVK	1
VCAM1_HUMAN (P19320) Vascular cell adhesion protein 1 precursor (V-CAM 1) (CD106 antigen) (INCAM-100) [MASS=81276]	0.00	5.14	0.92	0.00	1	2	2	GETILENIEFLEDTDMK	1
							2	DPEIEM[147]SGGLVNGSSVTVSC[339]K	1
							3	DPEIEMSGGLVNGSSVTVSC[339]K	1
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	18.79	1.15	0.02	10	3	2	YQIDPDAC[339]FSAK	2
							2	EHINLGC[330]DM[147]DFDIAGPSIR	1
							1	YQIDPDAC[339]FSAK	3
							1	YQIDPDAC[330]FSAK	1
							2	YQIDPDAC[330]FSAK	3
							3	WNTDNTLGTEITVEDQLARGLK	1

VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	14.99	1.03	0.08	7	3	2	WNTDNTLGTEIAIEDQIC[330]QGLK	1
							2	WNTDNTLGTEIAIEDQIC[339]QGLK	1
							2	SC[330]SGVEFSTSGSSNTDTGK	1
							2	SC[339]SGVEFSTSGSSNTDTGK	1
							2	WC[339]EYGLTFTEK	2
							2	WC[330]EYGLTFTEK	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	1.00	3.89	1.22	0.04	3	1	2	VC[339]NYGLTFTQK	1
							2	VC[330]NYGLTFTQK	2
VDP_HUMAN (O60763) General vesicular transport factor p115 (Transcytosis-associated protein) (TAP) (Vesicle docking protein) [MASS=107907]	*	3.22	*	*	*	1	3	WPGVKLLTSLKQLGPVQQIILVSPM[147]GVSR	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.68	17.37	0.75	0.00	1	2	2	GFLKDC[330]PSGR	1
							3	M[147]VGTVM[147]MKM[147]NEDGLTPEQRVDK	1
VP13B_HUMAN (Q7Z7G8) Vacuolar protein sorting 13B (Cohen syndrome protein 1) [MASS=448732]	*	1.72	*	*	*	4	3	MIVC[339]ALEHEYEPYSRLK	1
							3	TSRHMQQPQPVAVPLVM[147]PVC[339]R	1
							2	VC[330]JELQLPDINLVNDQK	1
							2	DFLNGPADVNLDISK	1
VP33B_HUMAN (Q9H267) Vacuolar protein sorting 33B (hVPS33B) [MASS=70615]	0.00	5.67	0.89	0.00	1	2	2	LLSLHIGAC[330]ESIM[147]K	1
							2	LM[147]C[339]LLSITENGLIPKDYRSLK	1
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412]	1.00	6.45	0.79	0.15	3	4	3	ILSQKNENEMFSTVFSGR	1
							2	ASLYPC[330]PETPQER	1
							2	KIC[330]EGFR	1
							2	AIYHTLNLC[330]NIDVTQK	1
VPS35_HUMAN (Q96QK1) Vacuolar protein sorting 35 (Vesicle protein sorting 35) (hVPS35) (Maternal-embryonic 3) [MASS=91706]	*	5.78	*	*	*	3	2	FTLPPLVFAAYQLAFR	1
							2	HFHNTLEHLRLRR	2
							3	HASNM[147]LGELRTSMLSPK	1
VPS4A_HUMAN (Q9UN37) Vacuolar sorting protein 4a (SKD2 protein) (hVPS4) (VPS4-1) [MASS=48898]	*	9.84	*	*	*	3	2	RIYIPLPEEAARAQM[147]FR	1
							2	FSEDFGQES	1
							2	GILLFGPPGTGKSYLAK	1

VPS54_HUMAN (Q9P1Q0) Vacuolar protein sorting protein 54 (Tumor antigen SLP-8p) (Hepatocellular carcinoma protein 8) [MASS=110588]	*	2.66	*	*	*	2	1 2	FLMSR EHTSSSAIPGGVDIM[147]VSEDMK	1 1
VTDB_HUMAN (P02774) Vitamin D-binding protein precursor (DBP) (Group-specific component) (Gc-globulin) (VDB) [MASS=52963]	0.00	6.12	1.26	0.00	1	1	2	TAM[147]DVFVC[330]TYFMPAQLPELPDVELPTNK	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	0.00	3.02	0.52	0.00	1	4	1 3 2 2	VIVIPVGIGPHANLKQIR M[147]IPARFAGVLLALALILPGTLC[339]AEGTR IDRPEASRIALLLM[147]ASQEPQR VAVVEYHDGSHAYIGLKDR	1 1 1 1
WBS22_HUMAN (O43709) Putative methyltransferase WBSCR22 (EC 2.1.1.-) (Williams-Beuren syndrome chromosome region 22 protein) [MASS=31880]	*	5.69	*	*	*	1	3	AGFSGGMVVDYPNSAK	1
WDFY3_HUMAN (Q8IZQ1) WD repeat and FYVE domain-containing protein 3 (Autophagy-linked FYVE protein) (Alfy) [MASS=395256]	*	2.41	*	*	*	5	3 2 2 2 2	EFGGARC[339]AHNIVKYPQC[339]R DVFREVLLEVM[147]VNLLHKYAALLK VFSWSVSDQPGRSAADHWVK ALVC[330]VVK ILVVLLSNQSILIKFK	1 1 1 1 1
WDR22_HUMAN (Q96JK2) WD repeat protein 22 (Breakpoint cluster region protein 2) (BCRP2) [MASS=103963]	*	5.10	*	*	*	2	2 3	EAC[330]LNIAMAQRNQDLPPEGC[339]SK LPVFQFDNQGYFNESC[330]TM[147]KSC[330]C[339]FAGDR	1 1
WDR24_HUMAN (Q96S15) WD repeat protein 24 [MASS=101989]	*	1.74	*	*	*	1	2	IYAIEEEQFVEKLNLR	1
WDR33_HUMAN (Q9C0J8) WD repeat protein 33 (WD repeat protein WDC146) [MASS=145920]	*	5.46	*	*	*	4	2 2 1 3	HEGRAPPR ENQGPAPQGMIM[147]GHPPQEM[147]R GRGGPGPAQR DQRDM[147]RAIQPDAGYYNDLVPPIGMLNNPM[147]NAVTTK	1 1 1 1
WDR43_HUMAN (Q15061) WD repeat protein 43 [MASS=79118]	*	11.53	*	*	*	5	2 3 2 2	VNC[330]IQWHQDSGC[330]LYSC[330]SDDK EPPVKLAVVC[339]R MSLLLVYGSWFQPTIERVALNSR TIKLWVLETKEVYR PLTSNC[330]TIQIATPGK EFNEYQAHAGPITK	1 2 1 1 1 2
WDR65_HUMAN (Q96MR6) WD repeat protein 65 [MASS=78164]	0.00	9.03	1.21	0.00	1	4	3 1 2	GFAC[330]SAGPGRVLLFEK GHTGKIR YLAISSETVQEKPATIIYELSSIPC[330]RK	1 1 1

WDR6_HUMAN (Q9NNW5) WD repeat protein 6 [MASS=121724]	0.00	2.59	2.64	0.00	1	2	2	GMNWLGLR	1
							2	WHTC[339]SAFLPPGDFLVC[339]GD RR	1
WDR72_HUMAN (Q3MJ13) WD repeat protein 72 [MASS=123408]	0.00	4.45	3.40	0.04	2	2	2	FC[339]TYTERLLL VVFSKC[339]WK	1
							3	LIC[339]GC[339]EDGTIIITQALNAAKARLLEGGSLVK	1
							2	FC[330]TYTERLLL VVFSKC[339]WK	1
WDR76_HUMAN (Q9H967) WD repeat protein 76 [MASS=69753]	*	4.95	*	*	*	2	2	TC[330]RRIIPPK	1
							2	NISENADFFASLQLSESAARLR	1
							3	DAAHLGLLEC[339]QFQFRHER	1
WNT9B_HUMAN (O14905) Protein Wnt-9b precursor (Wnt-15) (Wnt-14b) [MASS=38971]	*	12.32	*	*	*	3	1	GNKDLR	2
							2	GLAPRSGDLVYMEDSPSFC[339]R	1
XPO5_HUMAN (Q9HAV4) Exportin-5 (Exp5) (Ran-binding protein 21) [MASS=136310]	0.00	3.16	2.38	0.00	1	2	3	VLSDVDAFIAYVGT DQK	1
							2	M[147]C[339]RDYPQLVLPNFDMLYNHVK	1
XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	*	3.71	*	*	*	1	3	YLVWLEKNVPKGTVDEFSGAEIVDK	1
XYLT2_HUMAN (Q9H1B5) Xylosyltransferase 2 (EC 2.4.2.26) (Xylosyltransferase II) (xyIT-II) (XT-II) (Peptide O-xylosyltransferase 1) [MASS=96711]	*	3.35	*	*	*	1	3	HC[339]QLTGKMSPGIQWDESQAQQPMDGPPVR	1
YES_HUMAN (P07947) Proto-oncogene tyrosine-protein kinase Yes (EC 2.7.10.2) (p61-Yes) (c-Yes) [MASS=60670]	*	9.59	*	*	*	3	1	GIFLVRESETTK	1
							3	LGQGC[330]FGEVWM[147]GTWNGTTKVAIK	1
							2	LTTVC[330]PTVKPQTQGLAK	1
YJDC_HUMAN (Q96F86) YjeF domain-containing protein 1 (Edc3) [MASS=56077]	0.00	3.74	0.68	0.00	1	1	3	EFC[330]TDSGLVVP S ISYELHK	1
YYAP1_HUMAN (Q9H869) YY1-associated protein 1 (Hepatocellular carcinoma susceptibility protein) (Hepatocellular carcinoma-associated protein 2) [MASS=87915]	*	2.89	*	*	*	1	3	SLAATPSSSLPC[330]TLIALGLRHEK	1

ZAN_HUMAN (Q9Y493) Zonadhesin precursor [MASS=305571]	0.00	6.19	0.45	0.00	1	9	2	PSIPTEKPSIPTEK	1
							2	VALPVWLAQGRVTIR	1
							3	VC[330]HPAM[147]ALPLFKISAKHEK	1
							2	DAHGGSIPLGK	1
							3	TLVGGQQVTLPAIPSKGVFLGASGR	1
							2	GGILEVSYIKAVHVTVDLSISLLRGC[330]K	1
							2	SQC[339]GC[330]KDAHGGSIPLGK	1
							3	C[330]TYILAQPC[339]GNSTDPFFRVTAKE	1
							3	NAVISLPSMYEGLVSGLC[330]GNYDK	1
ZBT11_HUMAN (O95625) Zinc finger and BTB domain-containing protein 11 [MASS=119382]	*	4.46	*	*	*	2	3	QFQC[330]ELC[330]VKSFVTK	1
							3	ENVISSPEDSGM[147]GNDISAEDIC[330]AEDIPKHRQK	1
ZBT39_HUMAN (O15060) Zinc finger and BTB domain-containing protein 39 [MASS=79001]	*	3.65	*	*	*	1	3	VLSFVYTSELFDTLINVGVIYEVAER	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	*	2.26	*	*	*	1	3	MYAC[330]QYC[330]DAVFAQSIELSRHVRTHTGDK	1
ZC3H5_HUMAN (Q9C0B0) Zinc finger CCCH domain-containing protein 5 [MASS=88084]	0.00	5.68	11.25	0.00	1	3	3	RDGTFNYSPPDVYC[330]TK	1
							3	C[339]NDMQQSGSC[339]PR	1
							2	EFRTQC[330]PLFVQHKC[339]TQHR	1
ZCC2_HUMAN (Q7Z2W4) Zinc finger CCCH type antiviral protein 1 (Zinc finger CCCH domain-containing protein 2) [MASS=101444]	0.00	0.89	0.45	0.00	1	1	2	C[330]NYSQSER	1
ZCH11_HUMAN (Q5TAX3) Zinc finger CCHC domain-containing protein 11 [MASS=185132]	*	5.23	*	*	*	4	2	LGLKQAEER	1
							2	PVAIPNTSHDGHWPRTVAPNSLVNSGAVGNSEPGFR	1
							2	NLVNAQQVAGSAQQQGDQSIR	1
							2	ASSYQMKSEKVPSSPAEAEK	1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	*	2.14	*	*	*	2	2	YTC[330]RLC[330]DVLIIESIAFAHKHIK	1
							2	RRDQEDALNQR	1
ZDH14_HUMAN (Q8IZN3) Probable palmitoyltransferase ZDHHC14 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 14) (DHHC-14) (NEW1 domain-containing protein) (NEW1CP) [MASS=53388]	*	7.38	*	*	*	1	3	PGLGTPC[339]ASLTLGPPTPPASM[147]PNLAEATLADVMPRK	1
ZFH2_HUMAN (Q9C0A1) Zinc finger homeobox protein 2 [MASS=152100]	*	5.05	*	*	*	3	2	IEGPERSQEEPKEGETEGEVGTEK	1
							2	TQM[147]SSLQLKIM[147]KAC[330]YEAYR	1
							3	GSGGSMPPPLRVPIK[330]TYHC[339]LAC[339]EVLLSGR	1

ZHX2_HUMAN (Q9Y6X8) Zinc fingers and homeoboxes protein 2 (Zinc finger and homeodomain protein 2) (Alpha-fetoprotein regulator 1) (AFP regulator 1) (Regulator of AFP) [MASS=92306]	*	2.51	*	*	*	1	2	WMEQYQHQPMADDHGYDAVAR	1
ZMYM3_HUMAN (Q14202) Zinc finger MYM-type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	0.60	3.87	0.40	0.00	1	3	3	SC[330]IAESPLWYSVIPMDRSM[147]LESM[147]LNR	1
							2	RLVLESC[330]SR	1
							2	GLKTNC[339]C[339]DQC[339]GAYIYTK	1
ZN133_HUMAN (P52736) Zinc finger protein 133 [MASS=73402]	*	9.94	*	*	*	3	3	EVMLENYSNLVSLGISFSKPELITQLEQGK	1
							3	THSGEKPVMC[330]SEC[339]GR	1
							2	THSGEKPVMC[330]SEC[330]GRGFSQK	1
ZN217_HUMAN (O75362) Zinc finger protein 217 [MASS=115271]	*	2.39	*	*	*	1	2	SHRPQQNVGVQGAATRQQQSEMFPK	1
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	0.00	5.49	3.68	0.04	2	2	2	SFSTSC[339]SLSDHLR	2
							3	SFIHSSSLITHQR	1
							3	DVSETSFQNAMLKPM[147]C[330]ETLTYISKEQLLSHK	1
ZN294_HUMAN (O94822) Zinc finger protein 294 [MASS=200534]	0.00	4.93	1.13	0.22	2	5	3	EQDIKTLPSHLC[339]TSALLSK	1
							2	TLPSHLC[339]TSALLSK	1
							2	THLPDFLIC[330]K	1
							2	SLLSQNKFWKYGK	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	4.29	0.73	0.00	1	3	3	C[339]DDC[339]GFLADGLSGLNVHIAMK	1
							1	HLGMR	1
							3	DHYRTHTGEKSFLC[330]DLC[330]GFAGGTR	1
ZN473_HUMAN (Q8WTR7) Zinc finger protein 473 (Zinc finger protein 100 homolog) (Zfp-100) [MASS=100182]	*	2.07	*	*	*	1	3	HQRIHTGEKPYVC[330]QEC[339]GK	1
ZN479_HUMAN (Q96JC4) Zinc finger protein 479 (Zinc finger protein Kr19) (HKr19) [MASS=60598]	*	4.01	*	*	*	1	3	PYTC[339]EEC[339]GKAFNC[330]SSTLMQHK	1
ZN483_HUMAN (Q8TF39) Zinc finger protein 483 [MASS=85097]	*	3.36	*	*	*	2	3	VLSHSSALTEHQK	1
							2	VAQNKTLGSGSR	1
ZN485_HUMAN (Q8NCK3) Zinc finger protein 485 [MASS=50280]	*	13.83	*	*	*	3	3	PHKC[330]KEC[330]GIAFM[147]NSSSLLNHHK	1
							2	QSTSEASVLGERTKSVMMEK	1
							2	PYKC[339]NDC[339]GKAFAQNAALTR	1
ZN559_HUMAN (Q9BR84) Zinc finger protein 559 [MASS=62317]	*	1.12	*	*	*	1	1	TYFRKK	1
ZN563_HUMAN (Q8TA94) Zinc finger protein 563 [MASS=55434]	0.63	3.15	6.40	0.00	1	1	2	RHM[147]IM[147]HTGGGPHKC[339]K	1
ZN571_HUMAN (Q7Z3V5) Zinc finger protein 571 [MASS=70801]	*	7.22	*	*	*	2	2	QGFSYLSC[339]LIQHEENHNIEKC[330]SEVK	1
							3	ITC[339]EEKATESHSTSSTFHR	1

ZN575_HUMAN (Q86XF7) Zinc finger protein 575 [MASS=26763]	0.00	7.35	0.43	0.00	1	1	3	LC[330]HDPPTAPGSQATAWHR	1
							1	SYKC[339]KVC[339]DK	1
							3	VFSC[339]GSTLETHK	11
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	*	6.23	*	*	*		4		
							2	HQIPHLGDK	1
							3	C[339]KVC[339]DKTFGSDSHLK	1
ZN625_HUMAN (Q96I27) Zinc finger protein 625 [MASS=34746]	*	13.40	*	*	*		3	RHRIM[147]HSGDGPYK	1
							2	QC[330]GKAFSHSGSLR	1
							1	THGRTHTGEKPYEC[339]K	1
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrin-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	*	4.30	*	*	*		6	3 SKNLEDDTLSEC[339]K	1
							2	FSHADAQKMK	1
							1	QKHLEAADK	1
							3	PFGGLKDILILSSHKK	1
							2	YPDEQLTPENM[147]PLILRDIRM[147]R	1
							2	YPDEQLTPENM[147]PLILR	1
ZN639_HUMAN (Q9UID6) Zinc finger protein 639 (Zinc finger protein ZASC1) (Zinc finger protein ANC_2H01) [MASS=56054]	*	7.42	*	*	*		2	2 HVAIEHTKIFPHVC[339]DDC[330]GK	1
							2	VC[330]KESFSTNM[147]LLIEHAK	1
ZN655_HUMAN (Q8N720) Zinc finger protein 655 (Vav-interacting Krueppel-like protein) [MASS=57393]	*	1.83	*	*	*		1	2 QQGIHFREK	1
ZN708_HUMAN (P17019) Zinc finger protein 708 (Zinc finger protein 15-like 1) (Zinc finger protein KOX8) [MASS=64779]	*	2.84	*	*	*		1	3 C[330]JEEC[330]GKA FNQSPNLTK	1
ZN75A_HUMAN (Q96N20) Zinc finger protein 75A [MASS=34694]	0.00	10.47	1.25	0.00	1		2	2 RTHTGEQPYTC[339]SIC[339]R	1
							2	VPQKTAGKENHFD MHR	1
ZNF18_HUMAN (P17022) Zinc finger protein 18 (Zinc finger protein KOX11) (Heart development-specific gene 1 protein) [MASS=62288]	0.00	6.56	*	*	*		2	3 THTGETYFQC[339]TIC[339]K	1
							2	QLGQHLPNPHSGEM[147]STM[147]WLEEK	2

ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	*	5.45	*	*	*	2	1	NLTSVGK	3
							3	AFYFLNLC[339]LIHERHTGVKPYK	1
ZNF30_HUMAN (P17039) Zinc finger protein 30 (Zinc finger protein KOX28) [MASS=62123]	*	3.51	*	*	*	1	2	PYEC[330]KEC[330]GKSFTVYGQLTR	1
ZNF38_HUMAN (P17036) Zinc finger protein 38 (Zinc finger protein KOX25) (Zinc finger protein HF.12) (Zinc finger protein 3) (HZF3.1) [MASS=50916]	*	9.19	*	*	*	2	2	C[339]DEC[330]SKSFNRTSDLIQHQR	1
							3	PYEC[330]NEC[339]GKAFSQSSSHLYQHQR	1
ZNF6_HUMAN (Q9Y462) Zinc finger protein 6 [MASS=87209]	0.44	3.76	1.76	0.00	1	2	2	YC[339]DYETAEGQLLN	1
ZNF85_HUMAN (Q03923) Zinc finger protein 85 (Zinc finger protein HPF4) (HTF1) [MASS=68718]	0.27	3.03	1.25	0.00	1	1	3	VSFHNHLESHKLINK	1
							2	RHEIM[147]VAKPTVM[147]C[339]SHFAR	1
ZNFX1_HUMAN (Q9P2E3) NFX1-type zinc finger-containing protein 1 [MASS=220225]	*	8.92	*	*	*	9	3	M[147]C[330]PEIARLLTPHIYQDLENHPSVLKYEK	1
							2	AYM[147]SIM[147]TQMK	1
							3	VC[339]LPAYVVGMITPIPDIR	1
							1	FVRWQNSK	1
							3	IITPM[147]C[339]SSSGIVYKVQFDTK	1
							2	PSANVYDLAKNFNLEVSFLER	1
							2	KGMYC[339]IGNMQMLAK	1
							3	LNQHRM[147]C[330]PEIARLLTPHIYQDLENHPSVLK	1
							3	KGMYC[330]IGNMQM[147]LAKVPLWSK	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.66	17.78	0.92	0.04	2	3	2	M[147]EPSPAAGGLETTRLVSPR	1
							3	AADPISTFLFSIC[330]ALGSTAPTLRDVL	1
							3	AADPISTFLFSIC[339]ALGSTAPTLR	1
ZSWM2_HUMAN (Q8NEG5) Zinc finger SWIM domain-containing protein 2 [MASS=72720]	*	3.63	*	*	*	1	3	NIVC[330]PTAM[147]ESPC[339]ISGKYHTSLSR	1
ZXDA_HUMAN (P98168) Zinc finger X-linked protein ZXDA [MASS=84770]	0.00	3.75	0.52	0.00	1	2	2	M[147]HLLTHSSSQGQRPFK	1
							2	EQELFSC[330]SFPGC[330]SK	1
ZXDB_HUMAN (P98169) Zinc finger X-linked protein ZXDB [MASS=84792]	0.00	3.36	*	*	*	1	3	EEAEEGPGLQGGESGANPAGPTALGPR	1

Table 4. MCI mitochondrial samples

Experiment 2

Description	A = Protein Score B = Percent Coverage C = XPress H2L Ratio D = XPress Std. Dev.				E = XPress Peptides F = Unique Peptides G = Charge H = Instances			Peptide Sequence	H
	A	B	C	D	E	F	G		
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	*	12.94	*	*	*	2	2	YDEM[147]VESM[147]K	1
							3	LIC[330]C[339]DILDVLDKHLIPAANTGESK	1
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	0.80	7.76	0.91	0.07	2	1	3	ELETVC[339]NDVLSLLDKFLIK	1
							2	ELETVC[339]NDVLSLLDKFLIK	1
							3	ELEAVC[330]QDVLSLLDNYLIK	1
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	18.29	0.90	0.04	5	2	3	LGLALNYSVFYYEIQNAPEQAC[330]HLAK	1
							2	ELEAVC[339]QDVLSLLDNYLIK	1
							2	ELEAVC[330]QDVLSLLDNYLIK	2
							2	YLAEVAC[330]GDDRK	1
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	1.00	14.69	0.79	0.06	5	2	3	SIC[330]TTVLELLDKYLIANATNPESK	1
							3	SIC[339]TTVLELLDKYLIANATNPESK	2
							2	YLAEVAC[339]GDDRK	1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	17.55	0.61	0.02	2	3	2	IETELRDIC[330]NDVLSLLEK	1
							2	IETELRDIC[339]NDVLSLLEK	1
							2	LAEQAERYDDM[147]AAC[339]M[147]K	1
							2	YDDMAAC[330]M[147]K	1
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	0.97	8.50	0.58	0.00	1	2	2	AVGPEITKTDLVPAFQNLMKDC[330]EAEVR	1
							3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1
3BHS7_HUMAN (Q9H2F3) 3 beta-hydroxysteroid dehydrogenase type 7 (3 beta-hydroxysteroid dehydrogenase type VII) (3Beta-HSD VII) (3-beta-hydroxy-delta(5)-C27 steroid oxidoreductase) (EC 1.1.1.-) (C(27) 3beta-HSD) [MASS=41016]	0.00	1.90	0.43	0.00	1	1	2	HPYPC[330]SK	1
3BP2_HUMAN (P78314) SH3 domain-binding protein 2 (3BP-2) [MASS=62243]	0.00	4.46	0.56	0.00	1	1	3	RC[330]VYYFKSSTSASPQGAFSLSGYNR	1

5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	*	5.53	*	*	*	1	3	GLVFDTLYGNLLKVDAYGNLLVC[330]AHGFNFIR	1
A20A1_HUMAN (Q5TYW2) Ankyrin repeat domain-containing protein 20A1 [MASS=94047]	*	2.31	*	*	*	1	3	ENAWLVQQLDDVHQKEDHK	1
AADAT_HUMAN (Q8N5Z0) Kynurenine/alpha-aminoadipate aminotransferase mitochondrial precursor (KAT/AadAT) (Kynurenine--oxoglutarate transaminase II) (EC 2.6.1.7) (Kynurenine aminotransferase II) (Kynurenine--oxoglutarate aminotransferase II) (2-aminoadipat [MASS=47351]	0.00	7.06	1.77	0.00	1	1	2	LHNPPTIHYPPSQGQMDLC[339]VTSGSQQLC[339]K	1
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	18.84	1.41	0.07	7	5	2	NM[147]GLYGERVGAFTM[147]VC[330]KDADEAK	1
							2	VGAFTMVC[339]K	1
							2	NLDKEYLPIGGLAEFC[339]K	2
							2	VGAFTM[147]VC[330]K	1
							2	VGAFTM[147]VC[339]K	1
ABCA1_HUMAN (O95477) ATP-binding cassette sub-family A member 1 (ATP-binding cassette transporter 1) (ATP-binding cassette 1) (ABC-1) (Cholesterol efflux regulatory protein) [MASS=254284]	*	6.10	*	*	*	7	2	TC[339]GFDFTGAVEDISK	1
							2	HFIEQGINVC[339]LC[339]QSYAK	1
							2	TLNSTSPFPSK	1
							2	KVLRTLQGIK	1
							3	SM[147]PLFM[147]TLAWIYSVAVIIKGIVYEKEAR	1
ABCB8_HUMAN (Q9NUT2) ATP-binding cassette sub-family B member 8, mitochondrial precursor (Mitochondrial ATP-binding cassette 1) (M-ABC1) [MASS=79947]	0.00	3.27	0.41	0.00	1	1	3	HRNM[147]LQYQLPSSLARIFSILSQSK	1
							2	IRMDIDNVERTNK	1
							3	TTTMSILTGLFPPTSGTAYILGKDIRSEM[147]STIR	1
							2	LAKDSSADRFLNSLGR	1
							3	QC[330]QEHARAM[147]GVADEALGNVRTVR	1
ABHD5_HUMAN (Q8WTS1) Abhydrolase domain-containing protein 5 [MASS=39095]	0.00	2.01	1.30	0.00	1	1	2	C[330]ALGLDK	1

ACAD8_HUMAN (Q9UKU7) Acyl-CoA dehydrogenase family member 8, mitochondrial precursor (EC 1.3.99.-) (ACAD-8) (Isobutyryl-CoA dehydrogenase) (Activator-recruited cofactor 42 kDa component) (ARC42) [MASS=45070]	0.00	14.46	1.23	0.00	1	3	2	IGSEGGQFLIAVRGLNGGR	1
							2	LGC[330]LPGGLRVLVQTGHR	1
							2	FASYC[330]LTEPGSGSDAASLLTSAKK	1
ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	*	1.94	*	*	*	1	1	M[147]AAALLAR	1
ACL7B_HUMAN (Q9Y614) Actin-like protein 7B (Actin-like-7-beta) (Actin-like 7B) [MASS=45233]	0.00	4.58	2.98	0.00	1	1	3	C[339]GYAGEPRPTYFISSTVGK	1
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	6.79	1.29	0.13	3	3	3	VAVPSTIHC[339]DHLIEAQVGGEK	1
							3	VAVPSTIHC[330]DHLIEAQVGGEK	1
							2	VGLIGSC[330]TNSSYEDM[147]GR	1
							3	WVIGDENYEGGSSR	1
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	0.00	7.39	1.13	0.00	1	2	2	TISFRSRVLPNSNAVWMENSK	1
							2	SLEIC[339]HPQER	1
							2	C[330]DVDIRK	2
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	17.07	0.55	0.16	9	4	1	C[339]DVDIRK	1
							3	C[330]PEALFQPSFLGMESC[330]GIHETTFNSIM[147]K	1
							2	C[339]DVDIRK	2
							2	C[330]DVDIR	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
							3	LC[330]YVALDFEQEM[147]ATAASSSSLEK	1
ACTY_HUMAN (P42025) Beta-centractin (Actin-related protein 1B) (ARP1B) [MASS=42293]	0.99	2.93	*	*	*	1	2	YC[330]FPNYVGRPK	1
ACTZ_HUMAN	0.99	8.51	0.72	0.00	1	1	2	M[147]ESYDVIANQPVIDNGSGVIKAGFAGDQIPK	1
ADA10_HUMAN (O14672) ADAM 10 precursor (EC 3.4.24.81) (A disintegrin and metalloproteinase domain 10) (Mammalian disintegrin-metalloprotease) (Kuzbanian protein homolog) (CDw156c antigen) [MASS=84142]	*	3.61	*	*	*	1	3	HFSGRTITLQPGSPC[339]NDFRGYC[339]DVFM[147]R	1

ADA28_HUMAN (Q9UKQ2) ADAM 28 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 28) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein-L) (MDC-L) (eMDC II) (ADAM23) [MASS=87208]	*	2.58	*	*	*	1	3	GYFSQGDQRYFIEPLSPIHR	1
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	*	3.67	*	*	*	1	3	IFSNC[339]SFEDFAHFISKQKSQC[339]LHNQPR	1
ADCY7_HUMAN (P51828) Adenylate cyclase type 7 (EC 4.6.1.1) (Adenylate cyclase type VII) (ATP pyrophosphate-lyase 7) (Adenylyl cyclase 7) [MASS=120308]	0.00	9.07	1.27	0.00	1	4	3	WQYDVVSHDVSLANRM[147]EAAGVPGRVHITEATLK	1
							3	IQVTEETC[339]TILQGLGYSC[339]EC[339]RGLINVK	1
							2	RQQENLLLSVLP AHISMGMK	1
							2	LRVGINHGPV IAGVIGAR	1
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	1.00	4.21	1.65	0.00	1	1	3	C[330]GLLPISPEALSLGEVAYHDYHGILVDEEEK	1
ADNP_HUMAN (Q9H2P0) Activity-dependent neuroprotector (Activity-dependent neuroprotective protein) [MASS=123562]	*	1.91	*	*	*	2	3	GPISDALAHHLRER	1
							1	SM[147]GLPPR	1
							2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	1
							2	VKLLQLVQHASK	2
							2	EFHGLGDC[339]IIK	2
							1	EFHGLGDC[339]IIK	2
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	16.84	1.21	0.01	6	3	2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	3
							2	EFHGLGDC[330]IIK	2
							3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
							3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	1

ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	25.59	0.58	0.44	2	3	1	GLGDC[339]LVK	1
							3	TQFWRYFAGNLASGGAAGATSLC[330]FVYPLDFAR	1
							3	GMLPDPKNTHTIVISWMIAQTVTAVAGLTSYPFDTVR	1
							1	GLGDC[330]LVK	1
							2	GLGDC[339]LVK	1
AFAM_HUMAN (P43652) Afamin precursor (Alpha-albumin) (Alpha-Alb) [MASS=69069]	0.00	1.50	0.40	0.00	1	1	2	HNFSHC[330]C[330]SK	1
AFF4_HUMAN (Q9UHB7) AF4/FMR2 family member 4 (ALL1-fused gene from chromosome 5q31) (Major CDK9 elongation factor-associated protein) [MASS=127458]	*	7.31	*	*	*	5	3	EFFAELDKVM[147]GPLIFNASIM[147]TDLVR	1
							3	FEKAVYYLDAVVSFIEC[330]GNALEKNAQESK	1
							3	NYLAPDATAADKR	1
							2	TSSSSKEVK	1
							2	SHGNDHHSK	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	0.00	10.16	1.48	0.04	2	4	3	ADVEKVALLLLEKEVLDK	1
							3	KLASLTPGFSGADVANC[339]NEAALIAAR	1
							2	EKEEPPGEK	1
							3	MC[339]MTLGGRASEEIFFGRITGAQDDLRL	1
AKAP6_HUMAN (Q13023) A-kinase anchor protein 6 (Protein kinase A-anchoring protein 6) (PRKA6) (A-kinase anchor protein 100 kDa) (AKAP 100) (mAKAP) [MASS=256664]	*	1.72	*	*	*	2	2	DTELFIFNSC[330]LRQEKEGTM[147]NTEK	1
							2	LMQDIQHQNDEAIWEK	1
							2	SLLSEIQALHAQMNGRK	1
							3	MKSSVFDEDKTFVAETLEM[147]GEVVEK	1
							3	DC[330]VLTISEEMFSK	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	*	5.63	*	*	*	12	2	AKIEELSLAFLVR	1
							1	GEMENALR	1
							3	QAHAVC[339]QQEQHYFNEM[147]K	1
							2	SFEENGKGSINLETRLLQLESTVSAK	1
							3	VTDESIPSYSGSDM[147]PRNDINM[147]WSKVTEEGTELSQR	1
							2	QHMAQM[147]EEM[147]KTR	1
							3	QSQMLEMQVELSSMKDRATELQEQLSSEK	1
							2	AVIQC[330]LR	5
							3	QSQM[147]LEM[147]QVELSSMKDR	1

AL2S8_HUMAN (Q8N187) Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 8 protein (Calcium-response factor) (CaRF) (Protein NYD-SP24) [MASS=80697]	0.00	2.07	1.01	0.00	1	1	2	TSAQVFEHLIC[339]M[147]DSR	1
							3	VHTEC[339]C[339]HGDILLEC[339]ADDRADLAK	1
							3	MPC[330]AEDYLSVVLNQLC[339]VLHEK	1
							3	RHPYFYAPELLFFAKR	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	19.87	0.63	0.24	6	7	2	LKEC[330]C[330]EKPLLEK	1
							2	RPC[330]FSALEVDETYVPK	1
							2	C[330]C[330]AAADPHEC[330]YAK	1
							3	ALVLI AFAQYLQQC[330]PFEDHVK	1
							3	M[147]PC[330]AEDYLSVVLNQLC[330]VLHEK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	12.38	2.83	0.11	4	3	3	TFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	TFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							3	KTFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	LLC[330]GGGIAADR	1
							2	LLC[339]GGGIAADR	1
							1	C[330]AQYK	1
							3	ALSDHHIYLEGTLLKPNM[147]VTPGHAC[330]TQK	1
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	20.66	0.51	0.56	8	6	2	C[330]QYVTEK	1
							2	C[330]AQYKK	1
							2	VNPC[330]IGGVILFHETLYQK	1
							2	ALANSLAC[330]QGK	2
							2	ALANSLAC[339]QGK	1
							2	VNPC[339]IGGVILFHETLYQK	1
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	0.95	6.61	1.18	0.00	1	1	3	C[330]IGGVIFFHETLYQKDDNGVPFVR	1
ALG12_HUMAN (Q9BV10) Dolichyl-P-Man:Man(7)GlcNAc(2)-PP-dolichyl-alpha-1,6-mannosyltransferase (EC 2.4.1.-) (Mannosyltransferase ALG12 homolog) (hALG12) (Membrane protein SB87) [MASS=54654]	0.00	13.52	2.83	0.00	1	3	3	VELC[339]LFLGLLLLLALGNRK	1
							2	RTHAPTVALGFMALYSLLPHK	1
							2	TLPNVLALPVVLLALAAWL RHEWAR	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	0.00	1.15	*	*	*	2	3	ASLPVGEKPLQENADASVQVLITGDENLSDKK	1
							2	TGTPTVTSTSYSQHR	1
ALU2_HUMAN (P39189) Alu subfamily SB sequence contamination warning entry [MASS=63802]	0.00	4.60	1.53	0.00	1	1	2	EPPRPAXXXFFXDGVS LC[330]RPGWSAVAR	1

ALU7_HUMAN (P39194) Alu subfamily SQ sequence contamination warning entry [MASS=64513]	0.00	3.54	1.82	0.00	1	1	2	NXPGVVAGAC[330]NPSYSGGXGRR	1
AMOL1_HUMAN (Q8IY63) Angiotensin-like protein 1 [MASS=106573]	0.00	2.30	*	*	*	1	2	HGNGQPANMPEYNAPALLELV	2
AMOT_HUMAN (Q4VCS5) Angiotensin [MASS=118085]	0.00	1.66	0.54	0.00	1	1	2	C[330]LDM[147]EGRIKTLHAQIEK	1
ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	1.00	3.31	1.10	0.04	2	6	3	TFGSSAHKTQTDSEAQUESTATSDET	1
							2	SERGLVEEEWVIVSDEEIEEAR	1
							2	NGLSPLHM[147]AAQGDHVEC[330]VK	1
							3	NGLSPLHM[147]AAQGDHVEC[330]VK	1
							2	EKMADEQGDMDLQISPDRK	1
							2	HQPVSTAGK	1
							3	VNVADILTKHGADQDAHTKLGYTPLIVAC[339]HYGNVK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	*	2.31	*	*	*	6	3	M[147]VYHSPPGGEGASERIEETM[147]SVHDMK	1
							2	AAVDFTAR	1
							3	TVQETRGTFTYTR	1
							2	PC[339]VPVSM[147]KKMSR	1
							2	TVATKGLDFDPWSNNR	1
ANM1_HUMAN (Q99873) Protein arginine N-methyltransferase 1 (EC 2.1.1.-) (Interferon receptor 1-bound protein 4) [MASS=41485]	*	5.54	*	*	*	1	3	EPLVDVDPKQLVTNAC[330]LIK	1
							3	SEHQFNIDSM[147]VHK	12
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	*	2.45	*	*	*	1			
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	*	2.70	*	*	*	6	2	LIVSC[339]EQEILR	1
							2	FSLSDQDRDR	1
							2	MLSQKDLEIEERHK	1
							3	VLKHDRDHFK	1
							1	ASLSEK	1
							3	RFQRSTQQLQQQLNTSTQQTR	1

ANR12_HUMAN (Q6UB98) Ankyrin repeat domain-containing protein 12 (Ankyrin repeat-containing cofactor 2) (GAC-1 protein) [MASS=235652]	*	2.04	*	*	*	2	3 2	YDNTSEFLPESSSVKSC[339]KHK NVMTLGKSSFVSDNSLNRSR	1 1
ANR52_HUMAN (Q8NB46) Ankyrin repeat domain-containing protein 52 [MASS=115057]	*	1.86	*	*	*	1	2	C[339]AEALAPLLSSLNVADRSGR	1
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.98	7.10	1.26	0.00	1	1	3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	5.21	0.72	0.19	2	3	2 2 2	YEKSLYSM[147]IK LIVGLMRPPAYC[330]DAK QRQEV[C330]QSYK	1 1 1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	0.53	2.63	0.95	0.00	1	2	2 3	C[330]LKDEDPYVRK GEIFELKAELNSDK	1 1
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554]	1.00	10.64	0.80	0.00	1	4	3 3 2 3	YTEKQIGYLFISVLVNSNSELIRLINNAIK TSVQFQNFSPVTVHPGDLQTHLAVQTKR KKGPGAGSALDDGR VAAQVDGGAQVQQVLNIEC[330]LRDFTLPPLLSVR	1 1 1 1
AP3B2_HUMAN (Q13367) AP-3 complex subunit beta-2 (Adapter-related protein complex 3 beta-2 subunit) (Beta3B-adaptin) (Adaptor protein complex AP-3 beta-2 subunit) (AP-3 complex beta-2 subunit) (Clathrin assembly protein complex 3 beta-2 large chain) (Neu [MASS=119058]	*	1.66	*	*	*	1	2	LMGMNEITEKLM[147]LPDTC[339]R	1

AP3D1_HUMAN (O14617) AP-3 complex subunit delta-1 (Adapter-related protein complex 3 subunit delta-1) (Delta-adaptin 3) (AP-3 complex subunit delta) (Delta-adaptin) [MASS=130157]	0.00	3.99	1.49	0.00	1	3	3	GSLQEDSQVTVAIVLENR	1
							2	C[339]SDSTLLSNLLEEM[147]K	1
							3	LRILIEDSDQNLK	1
AP4B1_HUMAN (Q9Y6B7) AP-4 complex subunit beta-1 (Adapter-related protein complex 4 beta 1 subunit) (Beta subunit of AP-4) (AP-4 adapter complex beta subunit) [MASS=83261]	*	2.03	*	*	*	1	3	LLYYC[330]IEEEKDMAVR	1
APOA_HUMAN (P08519) Apolipoprotein(a) precursor (EC 3.4.21.-) (Apo(a)) (Lp(a)) [MASS=501317]	0.00	0.66	5.87	0.00	1	2	2	TC[339]QSWSSMTPHWHR	1
							2	TPENYPNAGLTENYC[339]R	1
APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	0.77	6.35	1.12	0.00	1	1	2	KM[147]TVTDQVNC[330]PK	1
APOE_HUMAN (P02649) Apolipoprotein E precursor (Apo-E) [MASS=36154]	*	23.03	*	*	*	4	1	QWAGLVEK	1
							2	AATVGSLAGQPLQER	1
							3	WVQTLSEQVQEELLSSQVTQELRALMDETMK	1
							2	ELQAAQARLGADM[147]EDVC[339]GR	1
ARC1B_HUMAN (O15143) Actin-related protein 2/3 complex subunit 1B (ARP2/3 complex 41 kDa subunit) (p41-ARC) [MASS=40818]	0.00	3.50	2.11	0.00	1	1	2	AARC[339]VRWAPNENK	1
ARHG6_HUMAN (Q15052) Rho guanine nucleotide exchange factor 6 (Rac/Cdc42 guanine nucleotide exchange factor 6) (PAK-interacting exchange factor alpha) (Alpha-Pix) (COOL-2) [MASS=87498]	0.00	3.99	2.07	0.00	1	2	2	TIC[339]DPEEFLK	1
							3	TIC[330]DPEEFLKSSLKNGVVLC[330]K	1
ARHGA_HUMAN (O15013) Rho guanine nucleotide exchange factor 10 [MASS=151611]	*	1.24	*	*	*	1	2	KAKASSALVVC[339]GGQGHR	1
ARI2_HUMAN (O95376) Protein ariadne-2 homolog (ARI-2) (Triad1 protein) [MASS=57819]	*	3.04	*	*	*	1	3	C[330]RQM[147]YHAPTDC[330]ATIR	1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	1.67	*	*	*	2	2	IIWPLDK	1
							2	DNFLQQLYKFMEDR	1
ARL3_HUMAN (P36405) ADP-ribosylation factor-like protein 3 [MASS=20455]	0.00	13.19	1.07	0.00	1	1	3	VWQIQSC[330]SALTGEGVQDGMNWVC[330]K	1

Protein Name	Score	Length	Score	Length	Score	Length	Score	Length	Score	Length
ARP3_HUMAN (P61158) Actin-like protein 3 (Actin-related protein 3) [MASS=47240]	0.99	7.19	0.47	0.00	1	1	2	TLTGTVIDSGDGVTHVIPVAEGYVIGSC[330]JK	1	1
ARP8_HUMAN (Q9H981) Actin-related protein 8 [MASS=70425]	0.00	7.37	2.39	0.00	1	2	2 C[339]ILLIPDIYNKQHVK 3 LGDEKLQAPMALFYPTATFGIVGQKM[147]TTLQHR	1	1	1
ARRD3_HUMAN (Q96B67) Arrestin domain-containing protein 3 [MASS=46394]	*	12.56	*	*	*	2	2 M[147]VVPKAAIYQTQAFYAKGK 3 MVLGKVKSLTISFDC[339]LNDSNPVYSSGDTVSGR	1	1	1
ARS2_HUMAN (Q9BXP5) Arsenite-resistance protein 2 [MASS=100666]	0.00	4.22	0.57	0.00	1	2	3 LLLYLRIVHSLDYNTC[330]EYPNEDEM[147]PNR 2 NINGITQHK	1	1	1
ARSG_HUMAN (Q96EG1) Arylsulfatase G precursor (EC 3.1.6.-) (ASG) [MASS=57060]	0.00	5.71	0.38	0.00	1	1	3 MGWFLFKVLLAGVSFSGFLYPLVDFC[330]ISGK	1	1	1
ASCL3_HUMAN (Q9NQ33) Achaete-scute homolog 3 (bHLH transcriptional regulator Sgn-1) [MASS=20797]	*	18.33	*	*	*	1	3 LPLTRSFYLEPM[147]VTFHVHPEAPVSSPYSEELPR	1	1	1
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	4.32	*	*	*	4	3 ADIGIAMGIAGSDAAK 2 LIIVEGC[330]QR 1 NC[330]LVK 3 FSEVILGDVMEIRKR	1	1	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	5.87	0.44	0.07	5	5	2 IISANGC[339]K 3 NLEAVETLGSTSTIC[330]SDKTGTLTQNR 2 IAGLC[339]NR 2 C[339]SSILLHGK 2 C[330]SSILLHGK 2 AC[330]VVHGSCLK 2 IISANGC[330]K 2 IAGLC[330]NR	1	1	1
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	1.00	5.88	0.39	0.14	3	4	1 C[330]SSILLHGK 2 IISSHGC[339]K 2 C[330]IELSC[330]GSVR 2 EDSPQSHVLVM[147]KGAPER 1 IISSHGC[330]K 3 EGEKMF[147]QINAEVTVVVDLVEVKGDDR	1	1	1

AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na ⁺ /K ⁺ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	12.93	0.45	0.61	23	10	2	KYNTDC[330]VQGLTHSK	2
							3	AC[339]VIHGTDLKDFTSEQIDEILQNHTEIVFAR	1
							2	VLGFC[330]HYLPEEQFPK	3
							2	IISAHGC[330]K	2
							2	AC[330]VIHGTDLK	1
							2	M[147]SVEEVC[330]R	1
							2	C[330]STILLQGK	1
							2	SPDC[339]THDNPLETR	1
							1	C[330]STILLQGK	1
							3	AC[330]VIHGTDLKDFTSEQIDEILQNHTEIVFAR	1
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	27.06	0.47	0.27	7	5	2	VLGFC[339]HYLPEEQFPK	1
							1	IISAHGC[330]K	1
							2	YNTDC[330]VQGLTHSK	1
							2	IISAHGC[339]K	2
							2	KYNTDC[339]VQGLTHSK	2
							2	M[147]SVEEVC[330]RK	1
							2	SPDC[330]THDNPLETR	1
							3	DSAQRDDM[147]IFEDC[330]GDVPSEPKER	1
							2	EGKPC[330]IIIK	1
							3	YKDSAQRDDM[147]IFEDC[339]GDVPSEPK	1
AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	0.00	17.24	1.23	0.00	1	2	1	YNPNVLPVQC[330]TGK	1
							3	YKDSAQRDDM[147]IFEDC[330]GDVPSEPK	1
							2	YNPNVLPVQC[330]TGK	1
							1	VAPPGLTQIPQIK	1
							2	YNPNVLPVQC[339]TGK	1
							3	DEDAENLGNFVMFPANGNIDLMYFPYGGK	1
							2	VINFYAGANQSM[147]NVTC[330]AGKR	1

AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium- transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	4.70	1.04	0.06	4	4	2	ANAC[330]NSVIK	1
							2	NYLEPGKEC[330]VQPATK	1
							3	C[330]LALATHDNPLR	1
							2	SM[147]SVYC[330]TPNKPSR	1
							2	SM[147]SVYC[339]TPNKPSR	1
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.25	3.34	0.57	0.00	1	2	2	KIQESYGDVYGIC[330]TK	1
							2	AGLLM[147]SAITVIILVLYFVIDTFWVQKR	1
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	10.94	0.55	0.35	3	7	3	NESSHGGEFGC[330]TM[147]EELRSLM[147]ELR	1
							2	IKETYGDTEAIC[330]R	1
							3	M[147]VTGDNINTARAIAIKC[339]GIIHPGEDFLC[330]LEGK	1
							3	TEC[330]GLLGFVLDLKQDYEPVR	1
							3	KQIFGQNFIPPKK	3
AT2B3_HUMAN (Q16720) Plasma membrane calcium-transporting ATPase 3 (EC 3.6.3.8) (PMCA3) (Plasma membrane calcium pump isoform 3) (Plasma membrane calcium ATPase isoform 3) [MASS=134258]	*	2.79	*	*	*	2	3	IDESSLTGESDQVRKSVDK	1
							2	C[330]GIIHPGEDFLC[330]LEGK	1
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	1.00	4.19	0.46	0.02	3	3	3	QVGNKTEC[330]ALLGFVTDLKQDYQAVR	1
							3	TEC[330]ALLGFVTDLKQDYQAVR	1
							2	SM[147]STVIR	1
							3	TEC[339]ALLGFVTDLKQDYQAVR	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.60	2.34	1.38	0.00	1	1	1	C[339]IADLK	2

AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase 1A (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	*	1.12	*	*	*	1	2	AVYQRASTSVQNR	1
ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	*	1.44	*	*	*	2	2	EVETYHR	1
							2	NRAINRC[339]LPLNFR	1
ATG4B_HUMAN (Q9Y4P1) Cysteine protease ATG4B (EC 3.4.22.-) (Autophagy-related protein 4 homolog B) (hAPG4B) (Autophagin-1) (Autophagy-related cysteine endopeptidase 1) (AUT-like 1 cysteine endopeptidase) [MASS=44309]	0.00	9.16	0.73	0.00	1	2	3	HC[339]FM[147]M[147]PQSLGVIGGK	1
							2	NFPAIGGTGPTSDTGWGC[330]M[147]LR	1
ATG7_HUMAN (O95352) Autophagy-related protein 7 (APG7-like) (Ubiquitin-activating enzyme E1-like protein) (hAGP7) [MASS=77959]	*	2.42	*	*	*	1	3	GGMGPRM[147]VNLSEC[339]M[147]DPK	1
ATL1_HUMAN (Q8N6G6) ADAMTS-like protein 1 precursor (ADAMTSL-1) (Punctin-1) [MASS=58416]	*	6.48	*	*	*	2	3	C[330]LSSKSC[339]EGR	1
							3	MEC[330]C[330]RRATPGTLLLFLAFLLLSSR	1
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	*	4.06	*	*	*	5	3	EETGISLQDLLLEIYRSIGEPDSLYGC[330]GGGK	1
							3	FLDFFSKAIQC[330]ARQEK	1
							3	ISMDHPHHTLFIILALANANRDEFLTK	1
							3	PEDETELHPTLNADDQEC[330]K	1
							3	DQMVDIMRASQDNPDGIM[147]VKLVVNLLQLSK	1
ATN1_HUMAN (P54259) Atrophin-1 (Dentatorubral-pallidoluysian atrophy protein) [MASS=124773]	*	1.18	*	*	*	1	3	VEEASTPKVKNQGR	1
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	1.00	14.00	1.74	0.02	2	1	2	YSQIC[339]AK	1
							2	YSQIC[330]AK	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	1.00	16.18	1.15	0.05	2	1	2	IC[339]SLHSLPPQS	1
							1	IC[339]SLHSLPPQS	1
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	9.04	1.47	0.02	2	3	2	LYC[339]IYVAIGQK	1
							1	LYC[330]IYVAIGQK	1
							2	FENAFLSHVVSQHQALLGTIR	1
							2	RPPGREAYPGDVFYLHSR	1

ATPB_HUMAN (P06576) ATP synthase beta chain, mitochondrial precursor (EC 3.6.3.14) [MASS=56559]	0.00	6.81	*	*	*	2	2 3	VAAAPASGALRR SLQDIIAILGMDELSEEDKLTVSR	1 1
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	10.40	1.38	0.03	3	2	2 2 2	GLC[330]GAIHSSIAK QAVITKELIEISGAAALD GLC[339]GAIHSSIAK	1 1 2
ATRN_HUMAN (O75882) Attractin precursor (Mahogany homolog) (DPPT-L) [MASS=158536]	*	2.73	*	*	*	2	3 3	DKIYM[147]YGGKIDSTGNVTNELR YGHSLALYKDKIYMYGGK	1 1
ATR_HUMAN (Q13535) Serine/threonine-protein kinase ATR (EC 2.7.11.1) (Ataxia telangiectasia and Rad3-related protein) (FRAP-related protein 1) [MASS=301365]	*	1.44	*	*	*	3	3 2 2	M[147]KEAYTHAQISR KMALNSLM[147]SLM[147]KLM[147]GPK THVLDIEQR	1 1 1
ATS10_HUMAN (Q9H324) ADAMTS-10 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 10) (ADAM-TS 10) (ADAM-TS10) (Fragment) [MASS=118072]	*	1.58	*	*	*	1	2	HRSC[339]NTDDC[330]PPGSQDFR	1
ATS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	*	2.47	*	*	*	2	2 2	VRPDDVHLPLPAAPGPR ESPLLVADR	1 1
ATS18_HUMAN (Q8TE60) ADAMTS-18 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 18) (ADAM-TS 18) (ADAM-TS18) [MASS=135140]	*	1.47	*	*	*	1	3	GDNSTC[339]KIFYKGLYLNQHK	1
ATS20_HUMAN (P59510) ADAMTS-20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 20) (ADAM-TS 20) (ADAM-TS20) [MASS=214655]	*	1.15	*	*	*	1	3	LVIC[339]QFPNGQILEDHNC[330]EIVNK	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	*	2.53	*	*	*	3	3 2 2	SNGERFPDLSC[330]EILDK GEFLLNGNFVVTM[147]AKREIR ESDQLTVSDQRC[339]DR	1 1 1

AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	0.99	16.52	1.29	0.00	1	2	3	MAAAVAAAPGALGSLHAGGAR	1
							3	AVINDIANLPVPTIAAIDGLALGGGLELALAC[339]DIR	1
AZI1_HUMAN (Q9UPN4) 5-azacytidine-induced protein 1 (Pre-acrosome localization protein 1) (Centrosomal protein of 131 kDa) (Cep131 protein) [MASS=122060]	0.51	7.66	3.00	0.00	1	5	3	GAVGNC[339]VTTMVHNRYTPSER	1
							3	AATC[339]EGSESSGFGK	1
							3	RKVLEATGPGGSQAINNLR	1
							2	LRDKYEAELSELEQSER	1
							2	ASTAERGPPENPR	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	*	3.76	*	*	*	2	3	ETGSSSASLLLDLDM[147]GEM[147]PSITLSTHLHHR	1
							2	VESLSPELR	1
BAP29_HUMAN (Q9UHQ4) B-cell receptor-associated protein 29 (BCR-associated protein Bap29) [MASS=28320]	0.75	11.62	1.08	0.00	1	2	2	SHGKDEEC[339]VLEAENKK	1
							2	GVLKTQAENTNK	1
BARH1_HUMAN (Q9BZE3) BarH-like 1 homeobox protein [MASS=35074]	0.00	14.07	0.42	0.00	1	2	2	TVTSSFLIRDILADC[330]K	1
							3	PLVPRILIHGLQGASEPPPLPLAGVLPR	1
BASI_HUMAN (P35613) Basigin precursor (Leukocyte activation antigen M6) (Collagenase stimulatory factor) (Extracellular matrix metalloproteinase inducer) (EMMPRIN) (5F7) (Tumor cell-derived collagenase stimulatory factor) (TCSF) (OK blood group antigen) [MASS=42200]	0.99	9.61	0.81	0.00	1	2	3	VKAVKSSEHINEGETAM[147]LVC[330]K	1
							2	SSEHINEGETAM[147]LVC[330]K	1
BAT5_HUMAN (O95870) Protein BAT5 (HLA-B-associated transcript 5) (Protein G5) [MASS=63112]	*	2.87	*	*	*	1	2	LLAC[330]DGNEIDTMFVDR	1
BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	0.00	3.91	40.43	0.00	1	1	2	QENIAGPC[339]RPAQLPAVAPIAASSHPHSSVITSPLR	1
BCAR3_HUMAN (O75815) Breast cancer anti-estrogen resistance protein 3 (SH2 domain-containing protein 3B) (Novel SH2-containing protein 2) [MASS=92565]	*	9.45	*	*	*	4	3	SC[339]DDFSHM[147]GTLPHSKSPR	1
							3	RLSLTM[147]GGVQAR	1
							3	ESTC[339]VPPNNVSVPLLMPLVTLMER	1
							3	GPPPIRSC[330]DDFSHMGTLPKSPR	1

BCDO1_HUMAN (Q9HAY6) Beta,beta-carotene 15,15'-monooxygenase (EC 1.14.99.36) (Beta-carotene dioxygenase 1) [MASS=62637]	*	3.11	*	*	*	1	2	LPFLILDAKSFTELAR	1
BCL6B_HUMAN (Q8N143) B-cell CLL/lymphoma 6 member B protein (Bcl6-associated zinc finger protein) (Zinc finger protein 62) [MASS=51618]	0.00	6.25	0.98	0.00	1	1	3	YKYIVLSQASQAGSLVGERSSGQPC[330]PQAR	1
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	0.87	13.11	0.68	0.00	1	3	2	RC[330]LEILEQMNEDDSEQLQMELK	1
							3	LKKTNVFNATFHIWHSGQFGTINNFR	1
							3	ELPLYC[339]SGGLR	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	*	1.25	*	*	*	1	2	SLSSTSAGGKKQAQPSC[339]APASR	1
BGAT_HUMAN (P16442) Histo-blood group ABO system transferase (NAGAT) [Includes: Glycoprotein-fucosylgalactoside alpha-N-acetylglactosaminyltransferase (EC 2.4.1.40) (Fucosylglycoprotein alpha-N-acetylglactosaminyltransferase) (Histo-blood group A trans [MASS=40934]	*	6.21	*	*	*	1	3	PMILFLIMLVLVFGYGVLSPR	2
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	0.00	0.81	3.07	0.00	1	1	3	GWFPILFELSC[339]IINR	1
BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	0.00	3.14	*	*	*	3	3	AHASMYYPYLC[339]EIMQFDLIPELRAVLR	1
							2	FC[330]GKYVSEPR	1
							2	FNKEVMYAYVDQLDFC[330]EK	1
BIRC1_HUMAN (Q13075) Baculoviral IAP repeat-containing protein 1 (Neuronal apoptosis inhibitory protein) [MASS=159581]	*	2.85	*	*	*	2	3	ESLENISENDDYLKHQPEISLQMQLLR	1
							3	WQEGDDPLDDHTR	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	*	2.40	*	*	*	6	3	LQWEIVANVLEDTVKDLEELGANPC[330]LTNSKSEK	1
							2	MLSETSNPEDLIQTSSTEQLR	1
							2	GYSLASLLAK	1
							2	IRLHTGLLLVQLC[339]GGER	1
							2	SLFSTTPLTTDDGVLLR	1
							3	SLFSTTPLTTDDGVLLRR	1

BIRC7_HUMAN (Q96CA5) Baculoviral IAP repeat-containing protein 7 (Kidney inhibitor of apoptosis protein) (KIAP) (Melanoma inhibitor of apoptosis protein) (ML-IAP) (Livin) [MASS=32798]	0.00	10.40	1.38	0.00	1	2	2	SLGSPVLGLDTC[339]R AWWWLEPPGARDVEAQLR	1 1
BKLH5_HUMAN (Q96NJ5) BTB and kelch domain-containing protein 5 [MASS=70352]	0.00	2.58	1.32	0.00	1	1	2	SDGILC[339]DITLIAEEQK	1
BPIL3_HUMAN (Q8NFAQ) Bactericidal/permeability-increasing protein-like 3 precursor [MASS=49716]	0.00	4.42	1.07	0.00	1	1	2	VLPGLMC[330]PAIDAVLVYVNRK	1
BPL1_HUMAN (P50747) Biotin--protein ligase (EC 6.3.4.-) (Biotin apo-protein ligase) [Includes: Biotin--[methylmalonyl-CoA-carboxytransferase] ligase (EC 6.3.4.9); Biotin--[propionyl-CoA-carboxylase [ATP-hydrolyzing]] ligase (EC 6.3.4.10) (Holocarboxylase) [MASS=80759]	0.00	2.48	2.19	0.00	1	1	3	YEVLRILTTLGLSC[339]DMK	1
BRAC_HUMAN (O15178) Brachyury protein (T protein) [MASS=47443]	0.00	6.21	1.62	0.00	1	1	3	MITSHC[339]FPETQFIAVTAYQNEEITALK	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	*	2.17	*	*	*	4	2 3 2 3	PESKSGLLTLFAGDFSVFSASPK TLVLC[330]VSDIISLSANISSETSSNK FIYAIHDETSYK EQGTSEITSFSHQWAK	1 1 1 1
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	*	1.61	*	*	*	2	1 2	M[147]EPVK DQGGVVLQRARR	1 1
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	0.00	3.51	0.55	0.00	1	2	2 3	WVDHLC[330]SPQVNQK LVATNM[147]IANGKLAEGVQLLC[339]LIDKAADAC[339]R	1 1
BTBD9_HUMAN (Q96Q07) BTB/POZ domain-containing protein 9 [MASS=69187]	*	3.76	*	*	*	1	2	GELKSALLDGGDTQNYDLDHGFSR	1
BUB1_HUMAN (O43683) Mitotic checkpoint serine/threonine-protein kinase BUB1 (EC 2.7.11.1) (hBUB1) (BUB1A) [MASS=122374]	*	0.92	*	*	*	1	2	FSPIQEKSPK	1

BWR1B_HUMAN (Q8N1D0) Beckwith-Wiedemann syndrome chromosome region 1 candidate protein B (p27-Beckwith-Wiedemann region 1 B) (p27-BWR1B) (Organic cation transporter-like protein 2-antisense) (Solute carrier family 22 member 18 antisense) (Solute carrier [MASS=27218])	0.00	6.72	1.75	0.00	1	1	2	AGGC[339]SAFPLLLSQLGAR	1
C163B_HUMAN (Q9NR16) Scavenger receptor cysteine-rich type 1 protein M160 precursor (CD163 antigen-like 1) (CD163b antigen) [MASS=159263]	*	0.89	*	*	*	1	2	NAAVVC[330]KQLGC[339]GK	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	14.54	1.44	0.00	2	2	3	ALVLDC[330]HYPEDEVGQEDEAESDIFSIR	1
							2	PFGLLSVRAGSERR	1
							3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.12	0.14	3	1	3	SLC[330]LGPALHTAK	1
							2	SLC[330]LGPALHTAK	1
							2	SLC[339]LGPALHTAK	1
CAC1E_HUMAN (Q15878) Voltage-dependent R-type calcium channel subunit alpha-1E (Voltage-gated calcium channel subunit alpha Cav2.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 6) (Brain calcium channel II) (BII) [MASS=261728]	0.00	5.19	1.24	0.00	1	6	3	ATTESTSVTVAIPDVDPLVDSTVVHISNKTDGEASPLK	1
							3	DHELRGNHGAK	1
							1	RSYHSSLR	1
							3	YLNIAFTM[147]VFSLEC[339]VLK	1
							2	QRQQLLEEQKNAPMFQR	1
							3	YYSAPC[330]TYELALKYLNIAFTMVFSLEC[339]VLK	1
CAC1F_HUMAN (O60840) Voltage-dependent L-type calcium channel subunit alpha-1F (Voltage-gated calcium channel subunit alpha Cav1.4) [MASS=219494]	*	3.97	*	*	*	3	3	GTPTSSQPSVPQAGSNTHRRGSGALIFTIPEEGNSQPK	1
							3	RLVAM[147]NM[147]PLNSDGTVTFNATLFALVRTSLK	1
							2	LLPPTPAGRK	1

CAC1G_HUMAN (O43497) Voltage-dependent T-type calcium channel subunit alpha-1G (Voltage-gated calcium channel subunit alpha Cav3.1) (Cav3.1c) (NBR13) [MASS=262470]	0.00	0.63	0.58	0.00	1	1	2	C[330]LALVSLGEHPELRK	1
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.99	3.02	0.67	0.00	1	2	2 2	NQLILGVM[147]GVDVSLEDIK KTPNNPSC[330]NADLINR	1 1
CAD15_HUMAN (P55291) Muscle-cadherin precursor (M-cadherin) (Cadherin-15) (Cadherin-14) [MASS=88915]	0.00	3.19	1.27	0.00	1	1	3	MDAAFLVLGLLAQSLC[339]LSLGVPGWR	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	*	5.41	*	*	*	1	3	LNKPFLFDTKPLIVQEYEVNFQNGIEC[339]GGAYVK	1
CAN9_HUMAN (O14815) Calpain-9 (EC 3.4.22.-) (Digestive tract-specific calpain) (nCL-4) (CG36 protein) [MASS=79096]	0.00	5.65	2.07	0.00	1	2	2 3	GSLGCG[339]FIDTR DM[147]DGNVDIDLPEPPKPTPPDQETEEQR	1 1
CAPS1_HUMAN (Q9ULU8) Calcium-dependent secretion activator 1 (Calcium-dependent activator protein for secretion 1) (CAPS-1) [MASS=152786]	0.00	2.37	*	*	*	2	3 2	C[330]IAYPFNAKQPTDM[147]ARR LMASDMIESC[339]VKRTR	1 1
CAPS2_HUMAN (Q86UW7) Calcium-dependent secretion activator 2 (Calcium-dependent activator protein for secretion 2) (CAPS-2) [MASS=147734]	0.00	4.78	0.52	0.00	1	2	3 3	FVSVLEGVLSKLSRYDEGTFSSILSFTVK FIKDM[147]ENM[147]YIEELRSSVNLLM[147]ANLESLPVSK	1 1
CAR10_HUMAN (Q9BWT7) Caspase recruitment domain-containing protein 10 (CARD-containing MAGUK protein 3) (Carma 3) [MASS=115945]	*	6.01	*	*	*	3	2 3 2	PLLVSALRPVVLLPEC[330]LAPR RSFSSMSDITGSVTLKPWSPGLSSSSSDSVWPLGK C[330]LPSSR	1 1 1
CAR11_HUMAN (Q9BXL7) Caspase recruitment domain-containing protein 11 (CARD-containing MAGUK protein 3) (Carma 1) [MASS=132641]	0.00	5.84	0.69	0.00	1	4	2 3 2 1	C[339]STLGKDC[330]EM[147]YK QSVPLDTC[339]TKEEAHWTIQRC[339]SGPVTLYHK LVKDM[147]EDGLITSGDSFYIR SLPDSDK	1 1 1 2
CARKL_HUMAN (Q9UJH6) Carbohydrate kinase-like protein (EC 2.7.1.-) [MASS=51504]	0.00	9.00	2.63	0.00	1	2	2 3	AVSHLVTWQDGR TGQGC[339]EWTEGGITPVFEPRAVSHLVTWQDGR	1 1

CASC5_HUMAN (Q8NG31) Protein CASC5 (Cancer susceptibility candidate gene 5 protein) (ALL1-fused gene from chromosome 15q14) (AF15q14) (D40/AF15q14 protein) [MASS=265191]	*	3.59	*	*	*	5	3	TIYSGEENMDITKSHTVAIDNQIFK	1
							3	SPIEKGVLKSN[C330]IMDVLEDESQVK	1
							2	C[330]SAFPDVPDK	1
							2	LLGEEIEYLKR	1
							2	MLEEFSLVVHHC[339]R	1
CASP9_HUMAN (P55211) Caspase-9 precursor (EC 3.4.22.-) (CASP-9) (ICE-like apoptotic protease 6) (ICE-LAP6) (Apoptotic protease Mch-6) (Apoptotic protease-activating factor 3) (APAF-3) [Contains: Caspase-9 subunit p35; Caspase-9 subunit p10] [MASS=46281]	*	4.57	*	*	*	1	2	ELFRPHMIEDIQRAGSGSR	1
CASP_HUMAN (Q13948) Protein CASP [MASS=77455]	*	1.47	*	*	*	1	2	SLQSENAALR	1
CASR_HUMAN (P41180) Extracellular calcium- sensing receptor precursor (CaSR) (Parathyroid Cell calcium-sensing receptor) [MASS=120673]	*	7.05	*	*	*	4	3	SSSLGGSTGSTPSSSISSK	1
							2	VIVVFSSGPDLEPLIKEIVR	1
							3	MAFYSC[339]C[339]WVLLALTWHTSAYGPDQRAQKK	1
							2	VAARATLR	1
CAZA3_HUMAN (Q96KX2) F-actin capping protein alpha-3 subunit (CapZ alpha-3) (CP- alpha-3) (Germ cell-specific protein 3) [MASS=35024]	0.00	5.35	0.81	0.00	1	1	2	LM[147]HHQGEC[330]AGHQHC[330]QK	1
CCD37_HUMAN (Q494V2) Coiled-coil domain- containing protein 37 [MASS=71117]	0.00	6.38	0.40	0.00	1	2	2	TLEELSHTLKHTQIRM[147]DR	1
							2	DAALFDEFVREND[C330]SSVQAMR	1
CCG7_HUMAN (P62955) Voltage-dependent calcium channel gamma-7 subunit (Neuronal voltage-gated calcium channel gamma-7 subunit) [MASS=31002]	0.00	13.45	0.88	0.00	1	2	2	EGAGVMSVYLFTK	1
							2	C[330]VASEYFLEPEINLVNTENTENILK	1
CCNG1_HUMAN (P51959) Cyclin-G1 (Cyclin- G) [MASS=34074]	*	3.05	*	*	*	1	2	WIVSGRTAR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC- IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20 [MASS=14177]	1.00	42.97	0.37	0.25	5	4	3	LRENELTYYC[330]C[330]K	1
							2	LRENELTYYC[330]C[330]K	1
							3	FEHC[339]NFNDVTTR	1
							2	FEHC[330]NFNDVTTR	1
							3	C[339]WKFEHC[339]NFNDVTTR	1
							2	LRENELTYYC[339]C[339]K	1
							3	TAVNC[330]SSDFDAC[330]LITK	1

CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	1.00	25.85	0.53	0.06	3	3	2	TFHETLDC[330]C[330]GSSTLTALTTSVLK	1
							2	NNLC[330]PSGSNIISNLFK	1
							3	NNLC[330]PSGSNIISNLFKEDC[339]HQQ	1
							2	NNLC[339]PSGSNIISNLFK	1
CD82_HUMAN (P27701) CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1) (Suppressor of tumorigenicity-6) (Tetraspanin-27) (Tspan-27) [MASS=29625]	*	8.24	*	*	*	1	2	DYNSSREDSLQDAWDYVQAQVK	1
CD86_HUMAN (P42081) T-lymphocyte activation antigen CD86 precursor (Activation B7-2 antigen) (CTLA-4 counter-receptor B7.2) (B70) (FUN-1) (BU63) [MASS=37696]	*	4.86	*	*	*	1	3	C[339]GTNTMEREESQTKK	1
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.99	27.23	0.64	0.00	1	2	3	LRPLSYPQTDVFLVC[330]FSVVSPSSFENVK	1
							2	TPFLLVGTQIDLRDDPSTIEKLAK	1
							2	ANGGSPITAFKVEYKR	2
CDON_HUMAN (Q4KMG0) Cell adhesion molecule-related/down-regulated by oncogenes precursor [MASS=139233]	*	1.79	*	*	*	2	1	VPESNPK	5
CECR2_HUMAN (Q9BXF3) Cat eye syndrome critical region protein 2 [MASS=164214]	*	2.43	*	*	*	2	3	LC[339]DYRLDADDVFDLLKGLDADSLR	1
							3	WMSDHLSIKPVK	1
CELR1_HUMAN (Q9NYQ6) Cadherin EGF LAG seven-pass G-type receptor 1 precursor (Flamingo homolog 2) (hFmi2) [MASS=329484]	*	0.90	*	*	*	1	3	GC[330]MQGVVRM[147]GGTPTNVATLNM[147]NNALKVR	1
CELR2_HUMAN (Q9HCU4) Cadherin EGF LAG seven-pass G-type receptor 2 precursor (Epidermal growth factor-like 2) (Multiple epidermal growth factor-like domains 3) (Flamingo 1) [MASS=317450]	*	2.81	*	*	*	5	3	NGGTC[330]VNLLVGGFK	1
							3	ATDGDAPPNANILYR	1
							2	LHGLHLSNITVGGIPGPAGGVAR	1
							3	GSAVVHYSIM[147]SGNAR	1
							2	QRFHFTLALSFATK	1

CEL3_HUMAN (Q9NYQ7) Cadherin EGF LAG seven-pass G-type receptor 3 precursor (Flamingo homolog 1) (hFmi1) (Multiple epidermal growth factor-like domains 2) (Epidermal growth factor-like 1) [MASS=358255]	*	1.75	*	*	*	5	3 1 2 2 1	EDGGPGLGVREPIFVGLR C[330]RFLPQRPGPR QERYFKLVLTASDR M[147]M[147]ARRPPWR AAQSER	1 1 1 1 1
CENB1_HUMAN (Q15027) Centaurin-beta 1 (Cnt-b1) [MASS=81535]	*	2.84	*	*	*	1	2	M[147]REAEAAQQGAGDETYLDIFR	1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	6.81	0.24	0.18	2	3	3 3 3	DVQGRGPLHHATVLGHTGQVC[339]LFLK MTVDFEEC[330]LKDSRFR M[147]KMTVDFEEC[330]LK	1 1 1
CENB5_HUMAN (Q96P50) Centaurin-beta 5 (Cnt-b5) [MASS=84664]	*	3.69	*	*	*	1	3	DPLAIAVQAANADIVTLLRLARMAEEMR	1
CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	*	3.35	*	*	*	2	3 3	EPDC[330]SIIIRISPVMEAEELTNDILAIKNIIPTK SC[330]ADC[339]KAPDPDWASINLC[330]VVIC[330]KK	1 1
CEND2_HUMAN (Q96P48) Centaurin-delta 2 (Cnt-d2) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 1) [MASS=136263]	0.00	7.52	1.77	0.00	1	6	1 3 3 2 3 2	HGM[147]MK PWGAPETSHRPEK AQEGWFSLSGSELRL VAGTASGTQHAGDFIC[330]TVYLEEKK PPTC[339]WGFTVVHETEK ARLSSAYLLGVPGEQPDRL	1 1 1 1 1 1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	*	1.18	*	*	*	2	2 2	KETPSAPAKGVEELESLC[330]EVYR LEC[339]LLNEC[339]TSLC[330]ENRK	1 1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	*	3.35	*	*	*	1	2	QEEAEWESINVLLM[147]M[147]HGLK	1
CERKL_HUMAN (Q49MI3) Ceramide kinase- like protein [MASS=62622]	0.00	8.96	0.26	0.00	1	3	3 2 2	LFTGMQTLGPSVVC[330]VGGDGSASEVAHALLRL YRWM[147]SPNQR NRVSALEGGR	1 1 4
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	0.00	1.36	7.57	0.00	1	1	2	QDNDLDKLLLC[339]LKISDK	1
CF182_HUMAN (Q8IYX8) Protein C6orf182 [MASS=53648]	0.00	6.96	3.29	0.00	1	2	3 3	RPPWQIC[339]SKFGALPFVAEK LEKLDVLEKEC[330]FR	1 1

CFAB_HUMAN (P00751) Complement factor B precursor (EC 3.4.21.47) (C3/C5 convertase) (Properdin factor B) (Glycine-rich beta glycoprotein) (GBG) (PBF2) [Contains: Complement factor B Ba fragment; Complement factor B Bb fragment] [MASS=85532]	*	2.49	*	*	*	1	3	QLNEINYEDHKLKSGTNTK	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	15.01	1.21	0.03	4	5	3	FGADARALMLQGVDLLADAVAVTMGPKGR	2
							2	KGVITVKDGK	1
							2	C[339]EFQDAYVLLSEKK	1
							2	C[330]IPALDSLTPANEDQK	1
							2	AAVEEGIVLGGGC[339]ALLR	1
2	C[339]IPALDSLTPANEDQK	1							
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	11.89	1.17	0.03	2	2	2	YESHPVC[339]ADLQAK	1
							2	RYESHPVC[339]ADLQAK	1
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	9.36	1.34	0.03	2	2	2	C[339]VSAAHKG	1
							2	DRPHEVLLC[339]SDLVK	1
CHD1_HUMAN (O14646) Chromodomain-helicase-DNA-binding protein 1 (EC 3.6.1.-) (ATP-dependent helicase CHD1) (CHD-1) [MASS=196517]	0.00	1.58	0.85	0.00	1	2	2	SIPSDPEERKQYTIPC[339]HTK	1
							2	MEM[147]SALQK	1
CHD3_HUMAN (Q12873) Chromodomain helicase-DNA-binding protein 3 (EC 3.6.1.-) (ATP-dependent helicase CHD3) (CHD-3) (Mi-2 autoantigen 240 kDa protein) (Mi2-alpha) (Zinc-finger helicase) (hZFH) [MASS=226590]	*	1.65	*	*	*	3	3	RDSEEEFGSER	1
							1	GKKM[147]APLK	2
							2	HRELIM[147]GEDPAQPR	1
CHD8_HUMAN (Q9HCK8) Chromodomain-helicase-DNA-binding protein 8 (EC 3.6.1.-) (ATP-dependent helicase CHD8) (CHD-8) (Helicase with SNF2 domain 1) [MASS=262315]	*	2.09	*	*	*	4	3	HLLVYGWGRWR	1
							3	WWEPVRHDGELLR	1
							2	YNPDTLFQDESYK	1
							2	LLPKLKAGGHK	1
CHIC1_HUMAN (Q5VXU3) Cysteine-rich hydrophobic domain 1 protein (Brain X-linked protein) [MASS=25616]	0.00	19.64	1.65	0.00	1	2	2	KC[339]ETSNM[147]M[147]EYVILIEFLPK	1
							3	C[339]ETSNMMEYVILIEFLPKYPIFRPD	1

CHMP3_HUMAN (Q9Y3E7) Charged multivesicular body protein 3 (Chromatin-modifying protein 3) (Vacuolar protein sorting 24) (hVps24) (Neuroendocrine differentiation factor) [MASS=24942]	0.00	4.98	6.29	0.00	1	1	2	GQKDVC[339]IVLAK	1
CHMP6_HUMAN (Q96FZ7) Charged multivesicular body protein 6 (Chromatin-modifying protein 6) (Vacuolar protein sorting 20) (hVps20) [MASS=23353]	0.41	7.00	0.51	0.00	1	1	2	VM[147]EGLQFGNEC[330]LNK	1
CHSS1_HUMAN (Q86X52) Chondroitin sulfate synthase 1 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase 1) (Chondroitin sulfate synthase 1) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltran [MASS=91729]	*	4.86	*	*	*	2	3	MVPHIGKC[339]LREM[147]YTTTHEDVEVGR	1
							2	NPPYQYRLHSYMLSRK	1
CHSS3_HUMAN (Q70JA7) Chondroitin sulfate synthase 3 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II) (Chondroitin synthase 2) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase [MASS=100356]	0.00	6.69	0.21	0.00	1	3	3	EDKLEEFRLSLNSSK	1
							3	LGLEPGENFC[339]M[147]GGPGMIFSREVL	1
							2	LGLEPGENFC[330]M[147]GGPGMIFSR	1
CHST5_HUMAN (Q9GZS9) Carbohydrate sulfotransferase 5 (EC 2.8.2.-) (N-acetylglucosamine 6-O-sulfotransferase 3) (GlcNAc6ST-3) (Intestinal GlcNAc-6-sulfotransferase) (Intestinal N-acetylglucosamine-6-O-sulfotransferase) (I-GlcNAc6ST) (hIGn6ST) (Galactose/N [MASS=43832]	0.00	4.87	3.32	0.00	1	1	3	QPFSLAREAC[339]RSYSHVVLK	1
CHSTE_HUMAN (Q8NCH0) Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D4ST-1) (hD4ST) [MASS=42997]	0.00	19.41	34.22	0.00	1	4	2	APKPGGLSLRAGDADLQVR	1
							2	MFPRPLTPLAAPNGAEPLGRALR	1
							2	PGGLSLRAGDADLQVRQDVR	1
							2	VAC[339]SNWKRVMK	1
CI004_HUMAN (Q9P0K9) Protein C9orf4 (Brain protein CG-6) [MASS=37270]	*	9.88	*	*	*	1	3	QHPGVWASLLLLLLTGPAAC[339]AASPADDGAGPGGR	1
CI032_HUMAN (Q9BV86) Protein C9orf32 [MASS=25256]	0.33	33.78	2.41	0.00	1	3	3	AKTYWKQIPPTVDGM[147]LGGYGHISIDINSSR	1
							2	EVDM[147]VDITEDFLVQAKTYLGEEGKR	1
							2	DNMAQEGVILDDVDSSVC[339]R	1

CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	0.00	6.53	0.42	0.00	1	6	2	YADIFPSKVC[339]LQLKIR	1
							2	PVSSTPVPIASKPFPTSGR	1
							3	M[147]VIC[330]EEEGDDDDVIADDGFGTTDIDLK	1
							2	FAELPEFR	1
							3	VLSEVDFEERFAELPEFR	1
							3	TVSKILGEWWYALGPKEK	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	7.51	1.54	0.03	4	3	1	LPC[339]VAAK	2
							2	GFSIPEC[339]QK	1
							2	TVVGQITVDMML[147]YGGM[147]RGMK	1
							1	LPC[330]VAAK	1
							2	LPC[339]VAAK	1
							2	IVHAFDM[147]EDLGDKAVYC[339]R	1
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.05	0.09	11	3	2	KFPFC[330]DGAHTK	2
							2	KFPFC[339]DGAHTK	1
							1	FPFC[339]DGAHTK	1
							3	IVHAFDM[147]EDLGDKAVYC[339]R	1
							2	IVHAFDMEDLGDKAVYC[330]R	1
							2	FPFC[330]DGAHTK	2
CJ084_HUMAN (Q9H8W3) Protein C10orf84 [MASS=27021]	*	6.01	*	*	*	1	2	ELHSEPSSNETQWK	1
CK042_HUMAN (Q8N5U0) Uncharacterized protein C11orf42 [MASS=36367]	0.00	7.81	0.45	0.00	1	1	3	ALKPVGPLPSLLEQAGSEGAFAHC[339]TR	1
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	*	3.28	*	*	*	5	2	QHMNTM[147]IK	1
							3	LPATQEVVVTQLQSQILELQGELK	1
							3	ILGPLAPEMIDSR	1
							2	AEVTKLHK	1
							2	LHKKLFEQEK	1
CLC14_HUMAN (Q86T13) C-type lectin domain family 14 member A precursor (Epidermal growth factor receptor 5) (EGFR-5) [MASS=51635]	*	3.88	*	*	*	1	3	AGC[339]SASGAC[330]YSLHHATMKR	1
CLCKA_HUMAN (P51800) Chloride channel protein ClC-Ka (Chloride channel Ka) (ClC-K1) [MASS=75284]	0.00	4.51	1.11	0.00	1	1	3	LGEDWYFLMTLGVLMALVSYAMNFAIGC[330]VVR	1

CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	4.18	0.56	0.07	4	4	2	RDPHLAC[330]VAYER	1
							2	IHEGC[330]EEPATHNALAK	1
							3	IHEGC[339]EEPATHNALAK	1
							3	IHEGC[330]EEPATHNALAK	1
							2	AIQFYLEFKPLLLNDLLMVLSPR	1
							2	AYEFAERC[339]NEPAVWSQLAK	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	0.00	1.40	*	*	*	2	1	HLIMAVR	1
CM007_HUMAN (Q5W0B1) Protein C13orf7 [MASS=81116]	0.00	5.51	1.07	0.00	1	2	2	HNLVDLAMPYFIQVMR	1
							3	LNSIRSFEM[147]NRTR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	4.57	0.97	0.15	4	2	2	QPGSSTSSSHLAKPSSSRLC[339]DTSSAR	1
							2	DIPFSAIYFPVYAHC[339]K	1
							2	AGQTTYSGVIDC[339]FRK	1
							2	DIPFSAIYFPVYAHC[330]K	2
CMC2_HUMAN (Q9UJS0) Calcium-binding mitochondrial carrier protein Aralar2 (Mitochondrial aspartate glutamate carrier 2) (Solute carrier family 25 member 13) (Citrin) [MASS=74175]	0.00	2.37	1.04	0.00	1	1	2	DIPFSAIYFPC[330]YAHVK	1
CN050_HUMAN (Q96LQ0) Protein C14orf50 [MASS=49440]	*	8.06	*	*	*	2	3	IC[330]SFTTFM[147]RNK	2
							2	RLGGQTPYLM[147]DQLGLRLGM[147]WYWK	1
CN145_HUMAN (Q6ZU80) Protein C14orf145 [MASS=73571]	0.00	2.41	4.39	0.00	1	2	2	HQLM[147]LC[339]R	1
							2	WLAESKTK	1
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	*	3.41	*	*	*	1	3	KIPGISSTGVGDGGNELGMGK	1

								2	RPPGVLHC[339]TTK	2
								3	AHITLGC[339]AADVEAVQTGLDLLEILR	3
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	18.05	0.97	0.12	16	5		2	FC[330]DYGK	1
								2	AHITLGC[330]AADVEAVQTGLDLLEILR	1
								3	DKPELQFPFLQDEDTVATLLEC[330]K	1
								3	DKPELQFPFLQDEDTVATLLEC[339]K	1
								2	FC[339]DYGK	1
								2	RLDEDLAAYC[330]R	1
								1	FC[330]DYGK	1
								3	AHITLGC[330]AADVEAVQTGLDLLEILR	2
								2	RLDEDLAAYC[339]R	1
								2	DKPELQFPFLQDEDTVATLLEC[330]K	2
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	1.00	2.65	0.48	0.02	2	2		2	VIIIEC[339]KPK	1
								2	VIIIEC[330]KPK	1
								3	VLEPMPSTAEISTSGAVLK	1
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	1.00	1.52	0.50	0.32	2	2		2	C[330]SPNM[147]C[330]EHDGR	1
								2	GETC[339]HTPLYK	1
CO7A1_HUMAN (Q02388) Collagen alpha-1(VII) chain precursor (Long-chain collagen) (LC collagen) [MASS=295217]	*	1.32	*	*	*	2		2	PGLAGHKGEMGEPGVPGQSGAPGK	1
								2	GPKGDPGLPGAPGER	1
COE4_HUMAN (Q9BQW3) Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (OE-4) (O/E-4) [MASS=68360]	*	3.11	*	*	*	1		3	QQQPVEVERTAFIDFVEKDR	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	20.00	0.56	0.25	7	3		2	AVLFC[330]LSEDKK	1
								3	AVLFC[330]LSEDKK	1
								2	M[147]LPDKDC[330]R	2
								2	MLPDKDC[330]R	1
								2	M[147]LPDKDC[339]R	1
								2	HELQANC[330]YEEVKDR	1

COG5_HUMAN (Q9UP83) Conserved oligomeric Golgi complex component 5 (13S Golgi transport complex 90 kDa subunit) (GTC-90) (Golgi transport complex 1) [MASS=92718]	0.00	7.63	0.43	0.00	1	4	2	LAADFAQM[147]ELAVGPFC[330]R	1
							2	IVARTAQLARLQVAC[330]DLLR	1
							3	GGPGRSTMPGNTAALR	1
							2	LQGQLQGGSR	1
COLQ_HUMAN (Q9Y215) Acetylcholinesterase collagenic tail peptide precursor (AChE Q subunit) (Acetylcholinesterase-associated collagen) [MASS=47881]	0.00	16.23	0.88	0.00	1	3	3	AC[330]C[330]LLTPPPPLFPPFFRGGGR	1
							2	GEKGDLM[147]MGLPGSR	1
							3	GDSGVM[147]GPPGKPGPSGQGRPGPPGPPAGQLIM[147]GPK	1
COPA_HUMAN (P53621) Coatamer subunit alpha (Alpha-coat protein) (Alpha-COP) (HEPCOP) (HEP-COP) [Contains: Xenin (Xenopsin-related peptide); Proxenin] [MASS=138331]	*	0.41	*	*	*	1	1	KKLPK	1
COPG_HUMAN (Q9Y678) Coatamer subunit gamma (Gamma-coat protein) (Gamma-COP) [MASS=97718]	*	1.60	*	*	*	1	3	FIYNRVVLEHEEVR	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.97	27.13	1.56	0.01	3	2	3	GLDPYNVLAPKGASGTREDPNLVPSISNK	1
							2	C[339]GAHYK	1
							1	C[339]GAHYK	2
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	26.98	1.06	0.03	4	1	2	M[147]C[330]LYFGSAFATPFLVVR	1
							2	MC[339]LYFGSAFATPFLVVR	1
							2	M[147]C[339]LYFGSAFATPFLVVR	1
							2	MC[330]LYFGSAFATPFLVVR	1
CPLX2_HUMAN (Q6PUV4) Complexin-2 (Complexin II) (CPX II) (Synaphin-1) [MASS=15394]	0.95	11.19	0.63	0.00	1	1	2	AALEQPC[330]EGSLTRPK	1
CPNE6_HUMAN (O95741) Copine-6 (Copine VI) (Neuronal-copine) (N-copine) [MASS=61991]	*	5.39	*	*	*	2	2	SC[339]SSPVFSR	1
							3	M[147]SDPEMGWVPEPTM[147]TLGASR	1
CQ032_HUMAN (Q8N511) Uncharacterized protein C17orf32 [MASS=23130]	0.00	5.77	2.51	0.00	1	1	3	RITRNVTC[339]QDTR	1
CR018_HUMAN (Q96FQ7) Uncharacterized protein C18orf18 [MASS=10201]	0.00	12.63	0.37	0.00	1	1	2	SAPC[330]DLGASQRK	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	0.99	3.12	1.86	0.00	1	1	2	HEQNIDC[339]GGGYVK	1

CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.00	8.92	0.75	0.00	1	2	2	GYLGVMPAYSAEEDALTTK	1
							2	GVKPAHC[330]EK	1
CS016_HUMAN (Q8ND99) Uncharacterized protein C19orf16 [MASS=60172]	0.00	5.11	0.93	0.00	1	2	3	ALPTSPTQYQM[147]ALSPASR	1
							2	APSGPVTSC[339]K	1
CSDE1_HUMAN (O75534) Cold shock domain-containing protein E1 (UNR protein) (N-ras upstream gene protein) [MASS=88884]	*	2.88	*	*	*	2	2	VEFSISDK	1
							3	QPRGPDNSM[147]GFGAER	1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	*	2.97	*	*	*	5	3	WGSSISYSC[330]M[147]DGYQLSHSAILSC[339]EGRGVWK	1
							3	LLSSLGSHSGETLPLATSNQILLR	1
							2	NGGILNRTAGAVGSKVHYFC[339]K	1
							3	C[339]EDPGIPNYGYR	1
							3	PVAC[339]PSIEAQLSEHVIWR	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	2.74	0.62	0.10	3	6	2	WAIPKITC[330]M[147]NPSAYQR	1
							3	ATVQPQAITDSLATKLPTPTGSTKK	1
							2	FDAYC[339]FKPK	1
							2	FTFEEAAKEC[330]ENQDAR	1
							3	VGHDYQWIGLNDKM[147]FEHDFR	1
							1	VGC[330]YGDK	1
							2	FDAYC[330]FKPK	1
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	0.98	2.42	0.33	0.00	1	2	2	LGSGSVQAALAEVALPC[330]LFTLQPR	1
							2	FQGHG[339]YR	1
CT135_HUMAN (Q9H3Z7) Uncharacterized protein C20orf135 [MASS=52554]	0.00	3.41	2.25	0.00	1	1	3	LVAC[339]DGNEIDTMFMDR	1
CTBP1_HUMAN (Q13363) C-terminal-binding protein 1 (EC 1.1.1.-) (CtBP1) [MASS=47535]	*	5.23	*	*	*	1	3	VLNEAVGALM[147]YHTITLTREDLEK	1
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	*	2.55	*	*	*	1	3	FAKC[330]LMTC[330]LKC[339]C[339]FWC[330]LEK	1
CTN1_HUMAN (P35221) Alpha-1 catenin (Cadherin-associated protein) (Alpha E-catenin) (NY-REN-13 antigen) [MASS=100071]	0.00	4.19	2.27	0.00	1	2	2	TLAVERLLEPLVTQVTTLVNTNSK	1
							2	QM[147]C[339]MIMMEMTDFTR	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	*	2.82	*	*	*	1	3	SPQM[147]VSAIVRTMQNTNDVETAR	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	*	1.39	*	*	*	2	2	IILETKAVIPGDEDAFPLK	1
							2	SYSSVIEKALR	1

CU055_HUMAN (Q9NX36) J domain-containing protein C21orf55 [MASS=45805]	*	4.64	*	*	*	1	3	EYYRLLNVEEGC[339]SADEV	1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	*	3.17	*	*	*	1	3	QPPTQPVPVQHPGLR	1
CU116_HUMAN (Q9H386) Protein C21orf116 [MASS=7936]	0.00	31.88	9.85	0.00	1	1	3	MMVLTPFWLGRDC[339]PSRGQPTLR	1
CUGB1_HUMAN (Q92879) CUG triplet repeat RNA-binding protein 1 (CUG-BP1) (RNA-binding protein BRUNOL-2) (Deadenylation factor CUG-BP) (50 kDa Nuclear polyadenylated RNA-binding protein) (EDEN-BP) [MASS=52063]	0.21	2.06	0.71	0.00	1	1	2	GC[330]AFVTFTTR	1
CUTA_HUMAN (O60888) Protein CutA precursor (Brain acetylcholinesterase putative membrane anchor) (Acetylcholinesterase-associated protein) [MASS=19116]	0.00	10.61	4.26	0.00	1	1	2	RLAAC[339]VNLIPQITSIYEWK	1
CUTL1_HUMAN (P39880) Homeobox protein cut-like 1 (CCAAT displacement protein) (CDP) [MASS=164271]	*	1.40	*	*	*	1	2	LLSTSPMPTVSSYPPLAISLK	1
CXA1_HUMAN (P17302) Gap junction alpha-1 protein (Connexin-43) (Cx43) (Gap junction 43 kDa heart protein) [MASS=42877]	*	2.36	*	*	*	1	2	VKMRGGLLR	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	20.00	1.14	0.05	7	4	2	DVC[339]TFLR	1
							2	MGLKMLMMMLLVPLVYTIKR	1
							2	HLVGVC[330]YTEDEAK	1
							2	HLVGVC[339]YTEDEAK	1
							3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	3
							2	HGGEDYVFSLLTGYC[330]EPPTGVSLR	1
CY24B_HUMAN (P04839) Cytochrome b-245 heavy chain (p22 phagocyte B-cytochrome) (Neutrophil cytochrome b 91 kDa polypeptide) (CGD91-phox) (gp91-phox) (gp91-1) (Heme-binding membrane glycoprotein gp91phox) (Cytochrome b(558) subunit beta) (Cytochrome b558) [MASS=65204]	*	3.69	*	*	*	1	2	IVRGQTAESLAVHNITVC[339]EQK	1

D1IP_HUMAN (Q9NYX4) D1 dopamine receptor-interacting protein calcyon [MASS=23434]	0.00	8.29	3.46	0.00	1	1	3	IC[339]TPLTLEM[147]YYTEM[147]DPER	1
DAXX_HUMAN (Q9UER7) Death domain-associated protein 6 (Daxx) (hDaxx) (Fas death domain-associated protein) (ETS1-associated protein 1) (EAP1) [MASS=81372]	0.00	2.57	2.86	0.00	1	1	2	TSVATQC[339]DPEEIIVLSDSD	1
DC12_HUMAN (Q96FZ2) UPF0361 protein DC12 [MASS=40575]	0.00	1.98	0.58	0.00	1	1	2	TSC[330]HLPR	1
DCAK2_HUMAN (Q8N568) Serine/threonine-protein kinase DCAMKL2 (EC 2.7.11.1) (Doublecortin-like and CAM kinase-like 2) [MASS=83639]	0.00	6.14	0.61	0.00	1	2	3 3	HPNIIMLVEEMETATELFLVM[147]ELVK QVTC[330]LQDFFGDDDVFIAC[330]GPEK	1 1
DCE2_HUMAN (Q05329) Glutamate decarboxylase 2 (EC 4.1.1.15) (Glutamate decarboxylase, 65 kDa isoform) (GAD-65) (65 kDa glutamic acid decarboxylase) [MASS=65411]	1.00	12.99	0.75	0.73	2	3	2 2 3	C[339]LELAEYLYNIIK GFVPFLVSATAGTTVYGAFDPLLAVADIC[330]K KMREIIGWPGGSGDGIFSPGGAISNMYAMMIAR	1 1 1
DCUP_HUMAN (P06132) Uroporphyrinogen decarboxylase (EC 4.1.1.37) (URO-D) (UPD) [MASS=40787]	0.00	3.81	1.52	0.00	1	1	2	SPEAC[339]C[339]ELTLQPLR	1
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	*	6.56	*	*	*	1	2	VVAVSRTQADLDSLVR	1
DDAH1_HUMAN (O94760) NG,NG-dimethylarginine dimethylaminohydrolase 1 (EC 3.5.3.18) (Dimethylargininase-1) (Dimethylarginine dimethylaminohydrolase 1) (DDAH1) (DDAH-1) [MASS=30990]	0.00	16.55	0.96	0.00	1	2	2 3	VDGLLTC[339]C[339]SVLINK LQLNIVEM[147]KDENATLDGGDVLFITGREFFVGLSK	1 1
DDR1_HUMAN (Q08345) Epithelial discoidin domain-containing receptor 1 precursor (EC 2.7.10.1) (Epithelial discoidin domain receptor 1) (Tyrosine kinase DDR) (Discoidin receptor tyrosine kinase) (Tyrosine-protein kinase CAK) (Cell adhesion kinase) (TRK E) [MASS=101127]	*	3.29	*	*	*	2	2 2	KGHPLLVAVK DRWGQEVISGNEDPEGVVLK	1 1

DDX1_HUMAN (Q92499) ATP-dependent RNA helicase DDX1 (EC 3.6.1.-) (DEAD box protein 1) (DEAD box protein retinoblastoma) (DBP-RB) [MASS=82432]	0.00	9.46	5.24	0.00	1	3	3	WQM[147]NPYDRGSAFAIGSDGLC[330]C[330]QSR	1
							3	VTYGQKRAAGGGSYK	1
							3	SHNKQFDNYGEEFTMHTIGC[339]YLDIDKGHVK	1
DECR_HUMAN (Q16698) 2,4-dienoyl-CoA reductase, mitochondrial precursor (EC 1.3.1.34) (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH]) [MASS=36067]	*	17.31	*	*	*	3	2	RFFSYGTKILYQNTEALQSK	1
							3	AGVEAM[147]SKSLAAEWGK	1
							2	VAGHPNIVINNAAGNFISPTER	1
DEN1A_HUMAN (Q8TEH3) DENN domain-containing protein 1A [MASS=110576]	0.00	2.18	*	*	*	1	3	TKQDVSPSPALAPAPDSVEQLR	1
DEST_HUMAN (P60981) Destrin (Actin-depolymerizing factor) (ADF) [MASS=18374]	*	17.07	*	*	*	1	3	EILVGDVGVTTIDPFKHFVGMLEKDC[330]R	1
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	0.00	3.28	0.85	0.00	1	1	2	GILNWC[330]VVMLILSNAR	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	*	2.65	*	*	*	2	2	VGLQKISHSR	1
							3	HVRIPC[330]TSVAPSLVR	1
DGKZ_HUMAN (Q13574) Diacylglycerol kinase zeta (EC 2.7.1.107) (Diglyceride kinase zeta) (DGK-zeta) (DAG kinase zeta) [MASS=124122]	*	1.70	*	*	*	1	2	ASGTTAGTM[147]LPTRVRPLSR	1
DHB2_HUMAN (P37059) Estradiol 17-beta-dehydrogenase 2 (EC 1.1.1.62) (17-beta-HSD 2) (Microsomal 17-beta-hydroxysteroid dehydrogenase) (20 alpha-hydroxysteroid dehydrogenase) (20-alpha-HSD) (E2DH) [MASS=42785]	0.00	8.79	0.83	0.00	1	2	2	SKGRLVNVSSM[147]GGGAPMER	1
							2	QC[330]M[147]AVNFFGTVEVTK	1
DHB4_HUMAN (P51659) Peroxisomal multifunctional enzyme type 2 (MFE-2) (D-bifunctional protein) (DBP) (17-beta-hydroxysteroid dehydrogenase 4) (17-beta-HSD 4) [Includes: D-3-hydroxyacyl-CoA dehydratase (EC 4.2.1.107) (3-alpha,7-alpha,12-alpha-trihydroxy-5 [MASS=79555]	*	3.13	*	*	*	1	3	IIM[147]TSSASGIYGNFGQANYSAAK	1

DHCA_HUMAN (P16152) Carbonyl reductase [NADPH] 1 (EC 1.1.1.184) (NADPH-dependent carbonyl reductase 1) (Prostaglandin-E(2) 9-reductase) (EC 1.1.1.189) (Prostaglandin 9-ketoreductase) (15-hydroxyprostaglandin dehydrogenase [NADP+]) (EC 1.1.1.197) [MASS=30244]	0.41	12.32	0.92	0.00	1	2	3	DLC[330]RLFSGDVVLTARDVTR	1
							2	DVC[330]TELLPLIKPQGR	1
DHDDS_HUMAN (Q86SQ9) Dehydrodolichyl diphosphate synthase (EC 2.5.1.-) (Dedol-PP synthase) [MASS=38689]	0.00	15.62	0.81	0.00	1	3	2	EGELSLWERFC[330]ANIIKAGPM[147]PK	1
							2	C[330]QVERQEGHSQGFKLAETLR	1
							2	SPHPDILIR	1
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	17.74	2.66	0.02	6	5	2	FTMELAKKGFIPGIDVPAPDMSTGER	1
							2	AKPYEGSILEADC[339]DILIPAASEK	1
							2	IIKPC[339]NHVLSLSFPIR	2
							2	IIKPC[330]NHVLSLSFPIR	1
							2	C[339]AVVDVPFPGGAK	1
							2	C[330]AVVDVPFPGGAK	1
							2	YNLGLDLRTAAYVNAIEKVFK	1
DHR11_HUMAN (Q6UWP2) Dehydrogenase/reductase SDR family member 11 precursor (EC 1.-.-.-) [MASS=28308]	*	22.69	*	*	*	3	2	EAYQSM[147]KERNVDDGHIINISM[147]SGHR	1
							3	ALVQQGLKVVGCC[330]AR	1
							3	VVGC[339]ARTVGNIEELAAEC[339]K	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	8.73	1.53	0.04	4	3	3	HVNGQDQIVPGLYAC[339]GEAAC[339]ASVHGANK	1
							2	AC[330]ALSIEESC[330]RPGDK	1
							3	HVNGQDQIVPGLYAC[330]GEAAC[330]ASVHGANK	1
							2	TLNEADC[339]ATVPPAIR	1
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	3.21	2.02	0.00	2	1	2	C[330]HTIM[147]NC[330]TR	1
							2	C[339]HTIM[147]NC[339]TR	1
DHX30_HUMAN (Q7L2E3) Putative ATP-dependent RNA helicase DHX30 (EC 3.6.1.-) (DEAH box protein 30) [MASS=133937]	0.98	2.18	1.40	0.00	1	2	2	C[339]QSGFAYHLFPR	1
							2	GGALLFC[330]TVGILLR	1
DHX57_HUMAN (Q6P158) Putative ATP-dependent RNA helicase DHX57 (EC 3.6.1.-) (DEAH box protein 57) [MASS=155603]	0.00	2.81	1.67	0.00	1	2	2	KHQVVVISGM[147]TGC[339]GK	1
							2	SHASKSHGSGGGGGGGGGGGGNR	2

DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	*	2.62	*	*	*	2	2 3	QSMDSPIKIVK ASLVKNGAEFTDSLISNLLR	1 1
DHX9_HUMAN (Q08211) ATP-dependent RNA helicase A (EC 3.6.1.-) (Nuclear DNA helicase II) (NDH II) (DEAH box protein 9) [MASS=140880]	0.66	3.86	0.74	0.00	1	2	3 3	VILSTNIAETSITINDVVYVIDSC[339]K GATGC[339]GKTTQVPQFILDDEFIQNDR	1 1
DIAP3_HUMAN (Q9NSV4) Protein diaphanous homolog 3 (Diaphanous-related formin-3) (DRF3) [MASS=127594]	0.00	2.43	*	*	*	2	2 3	M[147]M[147]EDM[147]NLNEDKK AVDPRHPNM[147]MTDVVK	1 1
DISC1_HUMAN (Q9NRI5) Disrupted in schizophrenia 1 protein [MASS=93582]	*	3.28	*	*	*	1	3	VNDIETQLPALLEAKM[147]HAISGNHFWTAK	1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	*	4.06	*	*	*	5	2 3	QGDINASDFLALVEK IITDFLM[147]PLTR	1 2
							3 2 2	LLGSASSEDIWR NESHKENIITKLFR LKYPDFLSR	1 1 1
							2 3 3 3	VC[330]HAHPTLSEAFR VLGAHILGPGAGEMVNEAALALEYGASC[339]EDIAR VLGAHILGPGAGEM[147]VNEAALALEYGASC[330]EDIAR VLGAHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR	1 1 1 1
							3 2	SDLVLLYELKQAC[330]ANC[330]EYELQM[147]LRHR QAC[339]ANC[339]EYELQM[147]LRHRHEALAR	1 1
							3	PDTLSTITLPPSTVGSESSLTRLVNGSDR	1
DMAP1_HUMAN (Q9NPF5) DNA methyltransferase 1-associated protein 1 (DNMT1-associated protein 1) (DNMAP1) [MASS=52992]	0.00	10.28	0.38	0.00	1	2	2 2	FRPSKM[147]SC[339]R QSNSSSGLHPPKK	1 1
DMXL1_HUMAN (Q9Y485) Protein DmX-like 1 (X-like 1 protein) [MASS=337852]	0.00	1.65	1.20	0.00	1	4	3 2	AGC[339]PMLALEVLSK FEHSAFFLLAGC[339]LR	1 1
							3 3	SSVLVTHAELMPDQTAMHEVQR VLPNAFNIPNRILDIL	1 1
							3 3 3	HAVKFGDTEADSSNAEEAAM[147]QDHSTFK GSVC[330]NVLLTSC[330]HDGVC[330]R LVYSQPLDLPESVEVIR	1 1 1
							2		1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	0.00	3.26	0.40	0.00	1	5			

DNJA2_HUMAN (O60884) DnaJ homolog subfamily A member 2 (HIRA-interacting protein 4) (Cell cycle progression restoration gene 3 protein) (Dnj3) (NY-REN-14 antigen) [MASS=45745]	0.00	6.07	1.40	0.00	1	2	2	IGLVEALC[339]GFQFTFK	1
							2	DGNDLHM[147]TYK	6
DNL4_HUMAN (P49917) DNA ligase 4 (EC 6.5.1.1) (DNA ligase IV) (Polydeoxyribonucleotide synthase [ATP] 4) [MASS=103970]	*	0.88	*	*	*	1	2	IEKIRDDK	1
DNM3L_HUMAN (Q9UJW3) DNA (cytosine-5)-methyltransferase 3-like [MASS=43670]	*	4.91	*	*	*	1	2	PGSPRPFFWMFVDNLVLNK	1
DNS2B_HUMAN (Q8WZ79) Deoxyribonuclease-2-beta precursor (EC 3.1.22.1) (Deoxyribonuclease II beta) (DNase II beta) (DNase2-like acid DNase) (DNase II-like acid DNase) (Endonuclease DLAD) [MASS=41712]	*	3.32	*	*	*	1	3	AVDWFTFYKLPR	1
DOC10_HUMAN (Q96BY6) Dedicator of cytokinesis protein 10 (Protein zizimin 3) [MASS=249311]	*	0.60	*	*	*	1	3	LGKYRMPFAWAVR	2
DOCK1_HUMAN (Q14185) Dedicator of cytokinesis protein 1 (180 kDa protein downstream of CRK) (DOCK180) [MASS=215374]	0.00	5.15	1.19	0.00	1	5	3	M[147]SC[330]TVNVLFNFYKEIEREEMYIR	1
							2	LTSGLRPFVAVM[147]DVTDIINGK	1
							3	VKGAALKYLPTIVNDVK	1
							2	NVYPFDWVIM[147]NMVQNKVFLR	1
							3	TIYTTAYKLPGILR	1
DOCK4_HUMAN (Q8N110) Dedicator of cytokinesis protein 4 [MASS=225147]	0.00	3.36	1.70	0.00	1	3	3	YGDM[147]RVTMGC[339]EIFSMWQNLGEHK	1
							2	GEKKLFGFSFVPLM[147]QEDGR	1
							3	EYAM[147]VDPEDISITELYRLMEHRHR	1
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	0.00	7.63	0.06	0.00	1	7	3	LEISTAPEIINC[339]C[330]LTPEMLPVKPFENRTR	1
							3	VKMQVTMSLASLVGRAPDFNEEHLR	1
							3	IAKSYQASPDRLRLTWLQNM[147]AEK	1
							2	VLQQGEIGDC[330]AEPYTVIKESDGGKSK	1
							2	NADQSLIRK	1
DOK3_HUMAN (Q7L591) Docking protein 3 (Downstream of tyrosine kinase 3) [MASS=53288]	0.00	3.43	4.90	0.00	1	1	3	LLQARVMSSSNPDLAGTHSAADEEVK	1
							2	FFTLC[339]HSLESQVTFPIR	1
							2	LADC[339]VSVLPADGESG[339]PR	1

DPP6_HUMAN (P42658) Dipeptidyl aminopeptidase-like protein 6 (Dipeptidylpeptidase VI) (Dipeptidyl peptidase IV-like protein) (Dipeptidyl aminopeptidase-related protein) (DPPX) [MASS=97587]	*	1.85	*	*	*	1	3	MREYYITM[147]VKWATSTK	2
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	12.41	0.58	0.14	3	4	2 M[147]SVIWDKAVVTGK 2 FQLTDC[330]QIYEVL SVIR 2 THNSSLEYNIFEGM[147]EC[339]R 2 FQLTDC[339]QIYEVL SVIR 3 GIQEEMEALVKDHGVNSFLVYMAFK	1 1 1 1 1	
DRP2_HUMAN (Q13474) Dystrophin-related protein 2 [MASS=107673]	0.00	5.03	0.98	0.00	1	2	3 GYLPVQSVLEADYSETPASSPMWPHADTHSR 2 C[339]HDWQAADQFHHSSSLR	1 1	
DSC1_HUMAN (Q08554) Desmocollin-1 precursor (Desmosomal glycoprotein 2/3) (DG2/DG3) [MASS=100044]	*	6.71	*	*	*	2	3 LPM[147]QTSNIC[339]DTSM[147]SVGTVGGQGIKTQQSFEM[147]VK 3 ILQGNENGNFIISTDPNTNEGVLC[330]VVK	1 1	
DUET_HUMAN (Q9Y2A5) Serine/threonine-protein kinase Duet (EC 2.7.11.1) (Serine/threonine kinase with Dbl- and pleckstrin homology domain) [MASS=144412]	0.78	5.97	1.15	0.24	2	5	2 QNDLGGC[339]NGTSSMAVIK 3 DLGIVVEGFMKRIEEK 2 ERSTAVMRSQPAR 3 HERKLHIYVWYC[339]QNK 2 MNYLVLEENVNDNDPC[339]K	1 1 1 1 1	
DUS23_HUMAN (Q9BVJ7) Dual specificity protein phosphatase 23 (EC 3.1.3.48) (EC 3.1.3.16) (Low molecular mass dual specificity phosphatase 3) (LDP-3) (VH1-like phosphatase Z) [MASS=16588]	*	14.00	*	*	*	1	3 LRPGSIETYEQEKA VFQFYQR	1	
DX26B_HUMAN (Q5JSJ4) Protein DDX26B [MASS=96672]	0.00	8.01	0.71	0.00	1	4	3 KSPHTC[330]WQVFVTSSGKYNELGYPFGYLK 3 NLQASGLTTLGQALR 2 WDQRLFALVLR 3 IFILLEEVQGPLEMK	1 1 1 1	
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	0.00	1.02	1.32	0.00	1	3	3 C[339]YITLAQALGM[147]SMGGAPAGPAGTGK 2 NIM[147]EAPLLK 3 THLM[147]EDVTANKRR	1 1 2	

DYH9_HUMAN (Q9NYC9) Ciliary dynein heavy chain 9 (Axonemal beta dynein heavy chain 9) [MASS=511928]	*	3.28	*	*	*	8	3	LAAFISSMDVFQITLR	1
							2	LVGGLASENVRWADAVQNFK	1
							2	TLITM[147]LIGQLSKGDRQK	1
							3	VQRMMLGC[330]C[330]GYQSTFSQYSYLYVEDR	1
							3	LANPHYQPELQAQATLINFTVTR	1
							3	PGLEVGPESGLAGAK	1
							3	TLITM[147]LIGQLSKGDRQK	1
							2	EM[147]SYLEPR	1
							2	C[339]TAFDAEQQQFWEQFHKEAPFR	1
							3	QYASYEFVQR	1
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	0.96	4.00	0.53	0.00	1	10	3	IPWSALKTLM[147]AQSIYGGR	1
							3	LRDQLGTAKNANEM[147]FR	1
							2	NYM[147]SNPSYNYEIVNRASLAC[339]GPMVK	1
							2	QLQNISLAAASGGAKELK	1
							3	QELQHSVDASTSDAVTFITYVQSLKR	1
							3	LLAESVTEVEIFGK	1
							2	HLRKLVPLLLEDGGEAPAALEALEEK	1
							2	EGEEVM[147]FKTPVSITEHPK	1
							2	C[330]YLTM[147]TQALEAR	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	*	24.72	*	*	*	1	2	NADMSEEMQQDSVEC[339]ATQALEK	1
DYLT3_HUMAN (P51808) Dynein light chain Tctex-type 3 (T-complex-associated testis-expressed 1-like) (Protein 91/23) [MASS=13062]	0.00	14.66	0.53	0.00	1	1	2	HC[330]DEVGFNAEEAHNIVK	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	1.00	1.62	1.01	0.30	2	1	2	C[339]VDM[147]VISELISTVR	1
							2	C[330]VDM[147]VISELISTVR	1
DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	0.33	3.26	0.53	0.00	1	2	2	AEYAEFLHC[330]K	1
							3	NKLQGQLLSIEHEVEAYK	1
DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	*	3.74	*	*	*	1	1	SLDDALK	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	9.06	0.43	0.30	5	3	2	C[330]LEENLGIDKR	1
							2	NLFPENLVQAC[330]FQQIQTVTK	2
							3	ESNSNQC[330]VYAAHNSVIVDEC[330]K	1
							2	NLFPENLVQAC[339]FQQIQTVTK	1

ECH1_HUMAN (Q13011) Delta3,5-delta2,4-dienoyl-CoA isomerase, mitochondrial precursor (EC 5.3.3.-) [MASS=35816]	*	4.88	*	*	*	1	3	SPVAVQSTKVNLLYSR	1
							2	SPVAVQSTKVNLLYSR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	11.53	1.29	0.10	3	4	2	EVEAIPDHC[339]IFASNTSALPISEIAAVSK	1
							2	QFTPC[339]QLLADHANSPNKK	1
							2	ALM[147]GLYHGQVLC[339]K	1
							3	QFTPC[330]QLLADHANSPNKK	1
							3	KLDSLTSFGFPVGAATLVDEVGVDVAK	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	0.99	6.21	1.07	0.00	1	1	2	ALNALC[330]DGLIDELNQALK	1
							2	VC[339]HKGHDHC[330]K	1
							3	WFWSIVEKMSM[147]TER	1
EDD1_HUMAN (O95071) Ubiquitin-protein ligase EDD1 (EC 6.3.2.-) (Hyperplastic discs protein homolog) (hHYD) (Progestin-induced protein) [MASS=309350]	*	4.50	*	*	*	7	3	ATLLSARQGMMSARGDFLNYALSLM[147]R	1
							3	DLLIQQTMRQLNNHFGR	1
							3	NIGRILGLC[339]LLQNELC[330]PITLNR	1
							3	TEMGPPPPASTC[330]SDASSIASSASM[147]PYK	1
							3	ATLLSARQGM[147]M[147]SARGDFLNYALSLM[147]R	1
							3	SLRLREM[147]MR	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	1.00	7.58	1.38	0.09	2	2	2	C[339]GGIDKR	1
							3	DGNASGTTLLEALDC[339]ILPPTRPTDKPLR	1
EF1G_HUMAN (P26641) Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma) [MASS=49987]	0.00	5.05	2.11	0.00	1	1	3	AAAPAPEEEM[147]DEC[330]EQALAAEPK	1
EFNB3_HUMAN (Q15768) Ephrin-B3 precursor (EPH-related receptor tyrosine kinase ligand 8) (LERK-8) (EPH-related receptor transmembrane ligand ELK-L3) [MASS=35835]	0.00	4.12	0.33	0.00	1	1	2	EGLESLQGGVC[330]LTR	1
EFTS_HUMAN (P43897) Elongation factor Ts, mitochondrial precursor (EF-Ts) (EF-TsMt) [MASS=35390]	*	5.23	*	*	*	1	3	DQLALAIGKLGENM[147]ILK	1

EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	14.60	1.39	0.05	10	4	2	GEETPVIVGSALC[330]ALEGRDPELGLK	1
							2	KGDEC[330]ELLGHSK	1
							3	KGDEC[330]ELLGHSK	1
							2	KGDEC[339]ELLGHSK	1
							3	HYAHTDC[339]PGHADYVK	2
							2	HYAHTDC[339]PGHADYVK	2
EGLN_HUMAN (P17813) Endoglin precursor (CD105 antigen) [MASS=70578]	*	4.41	*	*	*	1	2	GTVVTGTLERGILK	1
							2	HYAHTDC[330]PGHADYVK	1
							3	KGDEC[339]ELLGHSK	1
ELF2_HUMAN (Q15723) ETS-related transcription factor Elf-2 (E74-like factor 2) (New ETS-related factor) [MASS=63966]	*	5.23	*	*	*	2	3	VAMQVPVMTSLGQK	1
							2	NSSPINC[330]SRAEKGVAR	1
ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	*	3.40	*	*	*	1	3	WTMVAPLREGVSNAAVVSAK	1
ENDD1_HUMAN (O94919) Endonuclease domain-containing 1 protein precursor (EC 3.1.30.-) [MASS=55016]	0.00	5.00	0.74	0.00	1	1	3	LLPFNPQLFQNNC[330]GETEQDTEKMKK	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	1.00	11.55	0.75	0.04	4	4	2	SGETEDTFIADLVVGLC[330]TGQIK	1
							2	SGETEDTFIADLVVGLC[339]TGQIK	1
							2	VVIGM[147]DVAASEFFR	1
							2	TGAPC[330]R	1
							2	SC[330]NC[330]LLLK	1
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	*	13.13	*	*	*	3	3	YGIVLDAGSSHTSM[147]FIYKWPADK	1
							3	VSLSGSSDPHLC[339]R	4
							3	VSLSGSSDPHLC[330]RDLVSGLFSFSSC[339]PFSR	1

ENPP1_HUMAN (P22413) Ectonucleotide pyrophosphatase/phosphodiesterase 1 (E-NPP1) (Phosphodiesterase I/nucleotide pyrophosphatase 1) (Plasma-cell membrane glycoprotein PC-1) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyrophosphatase [MASS=104924]	0.00	5.84	1.06	0.00	1	4	2	EGPAGNGRDR	1
							2	ITDVEHITGLSFYQQRKEPVSDILK	1
							2	MYDPKM[147]NASFSLK	1
							2	TFGNC[330]R	1
EOMES_HUMAN (O95936) Eomesodermin homolog [MASS=72612]	0.31	2.48	1.82	0.00	1	1	2	SLDSNDSGVYTSAC[339]KRR	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	4.56	0.47	0.00	1	3	3	VIGVGEFGEVC[330]SGR	1
							3	DC[339]NSLPGVM[147]GTC[339]K	1
							2	IDTIAADESFTQVDIGDR	1
EPHA5_HUMAN (P54756) Ephrin type-A receptor 5 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-1) (EPH homology kinase 1) (Receptor protein-tyrosine kinase HEK7) [MASS=114784]	*	1.54	*	*	*	1	2	DYFRRESDPPTM[147]AC[339]TR	1
EPHA6_HUMAN (Q9UF33) Ephrin type-A receptor 6 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-2) (EPH homology kinase 2) [MASS=116116]	*	8.12	*	*	*	4	3	C[330]SKC[330]PPHSLTYM[147]EATSVC[330]QC[339]EK	1
							2	PFTAITVTTDHDAPSLIGM[147]MR	1
							2	GYFRAEKDPPSM[147]AC[339]TGPPSAPR	1
							2	PVM[147]IVVEYM[147]ENGSLDSFLR	1
							3	PVMIVVEYMENGSLDSFLR	1
EPHA7_HUMAN (Q15375) Ephrin type-A receptor 7 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-3) (EPH homology kinase 3) (Receptor protein-tyrosine kinase HEK11) [MASS=112082]	*	5.91	*	*	*	3	2	ENLYVKIDTIAADESFTQGDLGERK	1
							2	GKPVMIIEFMENGALDAFLR	1
							2	AQMLHLHGTGIQV	1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	0.00	8.01	*	*	*	2	2	C[330]VSC[339]VAGSAFSGPR	1
							2	RC[330]VSC[330]VAGSAFSGPRLASASR	1
ERBB3_HUMAN (P21860) Receptor tyrosine-protein kinase erbB-3 precursor (EC 2.7.10.1) (c-erbB3) (Tyrosine kinase-type cell surface receptor HER3) [MASS=148097]	*	1.12	*	*	*	1	3	NGLKM[147]C[339]EPC[330]GGLC[330]PK	1

ERCC3_HUMAN (P19447) TFIIH basal transcription factor complex helicase XPB subunit (EC 3.6.1.-) (Basic transcription factor 2 89 kDa subunit) (BTf2-p89) (TFIIH 89 kDa subunit) (DNA-repair protein complementing XP-B cells) (Xeroderma pigmentosum group B-c [MASS=89277])	0.00	9.34	6.52	0.00	1	3	2	RC[339]LVLGNSAVSVEQWKAQFK	1
							2	LNKPYIYGPTSQGERM[147]QILQNFK	1
							3	SWEAERVM[147]EWLKTQEWGLM[147]ILDEVHTIPAK	1
ERO1A_HUMAN (Q96HE7) ERO1-like protein alpha precursor (EC 1.8.4.-) (ERO1-Lalpha) (Oxidoreductin-1-Lalpha) (Endoplasmic oxidoreductin-1-like protein) (ERO1-L) [MASS=54392]	*	1.28	*	*	*	1	2	RDC[339]AVK	1
ESCO1_HUMAN (Q5FWF5) N-acetyltransferase ESCO1 (EC 2.3.1.-) (Establishment of cohesion 1 homolog 1) (ECO1 homolog 1) (ESO1 homolog 1) (Establishment factor-like protein 1) (EFO1p) (hEFO1) (CTF7 homolog 1) [MASS=95008]	*	2.02	*	*	*	1	3	ESSQM[147]ESVKEEKPTIK	1
ESPL1_HUMAN (Q14674) Separin (EC 3.4.22.49) (Separase) (Caspase-like protein ESPL1) (Extra spindle poles-like 1 protein) [MASS=233112]	0.00	0.90	1.09	0.00	1	1	2	YIMAGC[339]PLFLGNLWDVTDR	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	1.00	10.21	1.91	0.08	2	3	3	WEGVNM[147]ERFAEEADVIVGAGPAGLSAAVRLK	1
							2	LQINAQNC[339]VHC[339]K	1
							2	FC[339]PAGVYEFVPVEQGDGFR	1
ETV7_HUMAN (Q9Y603) Transcription factor ETV7 (Transcription factor Tel-2) (ETS-related protein Tel2) (Tel-related Ets factor) [MASS=38998]	*	4.40	*	*	*	1	2	LWGNHKNRVM[147]TYEK	1
EXO1_HUMAN (Q9UQ84) Exonuclease 1 (EC 3.1.-.-) (hExo1) (Exonuclease I) (hExol) [MASS=94103]	0.00	3.43	*	*	*	2	3	NEESGAVVVPGTR	1
							2	ANNTFLYQLVFDPIKR	1
EXOC2_HUMAN (Q96KP1) Exocyst complex component 2 (Exocyst complex component Sec5) [MASS=104066]	*	2.81	*	*	*	1	3	TQEEVC[339]QLSINIM[147]QVFIYC[339]LEQLSTK	1

EXT1_HUMAN (Q16394) Exostosin-1 (EC 2.4.1.224) (EC 2.4.1.225) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Putative tumor suppressor protein EXT1) (Multiple exostoses protein [MASS=86254])	*	3.75	*	*	*	2	3	HISRNSLIWNK	1
							3	WTNDYSM[147]VLTGAAIYHK	1
							2	RSC[339]TSEDKVQSEALSR	1
							2	PALM[147]TAIDGR	10
FA35A_HUMAN (Q86V20) Protein FAM35A [MASS=93704]	0.00	9.34	0.97	0.00	1	5			
							2	VLQVAKKMK	1
							3	ILLNISADC[339]LNR	1
							3	SIFSSLPNIVYTGC[330]AKC[330]GLELETDENRIYK	1
FA38A_HUMAN (Q92508) Protein FAM38A [MASS=233040]	*	0.64	*	*	*	1	2	M[147]AGVNTDRLEPLR	1
FA47A_HUMAN (Q5JRC9) Protein FAM47A [MASS=89095]	0.00	3.60	1.06	0.00	1	2	3	APESHQFSEPPKIR	1
							2	FC[339]PRPFETPLSHLR	1
FABPE_HUMAN (Q01469) Fatty acid-binding protein, epidermal (E-FABP) (Psoriasis-associated fatty acid-binding protein homolog) (PA-FABP) [MASS=15033]	*	15.67	*	*	*	1	3	LVDSKGFDEYM[147]KELGVGIALR	1
FACD2_HUMAN (Q9BXW9) Fanconi anemia group D2 protein (Protein FACD2) [MASS=166461]	*	4.83	*	*	*	4	3	VRQLVMDKLSSIR	1
							2	TSLLLHNSHAFFR	1
							3	EKLDLQHC[330]VLPSRLQASQVK	1
							3	LPEYFFENKNSDEINIPRLIVSQLK	1
FAK1_HUMAN (Q05397) Focal adhesion kinase 1 (EC 2.7.10.2) (FADK 1) (pp125FAK) (Protein-tyrosine kinase 2) [MASS=119232]	*	4.47	*	*	*	2	3	THLGTGMERSPGAM[147]ERVVK	1
							3	M[147]AAAYLDPNLNHTPNSTKTHLGTGMR	1
FAM3B_HUMAN (P58499) Protein FAM3B precursor (Cytokine-like protein 2-21) [MASS=25982]	*	8.94	*	*	*	1	2	NNRYSGWPAEIQIEGC[339]IPKER	1

FANCC_HUMAN (Q00597) Fanconi anemia group C protein (Protein FACC) [MASS=63428]	*	4.12	*	*	*	2	1	LGIESPR	1
							2	M[147]YEALKEM[147]DSNTVIER	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	*	1.07	*	*	*	2	1	VSKEIK	1
							2	RVLFLTPQVMVNDLSR	1
FAS_HUMAN (P49327) Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase (EC 2.3.1.38); [Acyl-carrier-protein] S-malonyltransferase (EC 2.3.1.39); 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41); 3-oxoacyl-[acyl- [MASS=273398]	*	4.94	*	*	*	6	3	HFLLEEDKPEEPTAHAFVSTLTRGDLSSIR	1
							3	LVLTSRSGIRTGYQAK	1
							3	VFTTVGSAEKRAYLQAR	1
							3	M[147]ASC[330]LEVLDLFLNQPHMVLSSFVLAEK	1
							2	PLWFIG[339]SGM[147]GTQWRGMGLSLM[147]R	1
							3	M[147]EEVVIAGMSGK	1
FBLN2_HUMAN (P98095) Fibulin-2 precursor [MASS=126543]	0.00	4.05	9.90	0.00	1	2	2	SEFSQVASNTIPLPLQPNTC[339]K	1
							3	C[330]SC[330]ASGFLLAADGKRC[339]EDVNEC[339]EAQR	1
							3	LC[330]PHGRGFM[147]TNGADIDEC[330]KVIHDVC[330]R	1
							3	QIC[339]PYGSGIIVGPDDSAVDM[147]DEC[339]KEPDVC[339]K	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.00	4.81	0.39	0.00	1	6	2	KLC[330]PHGRGFMNGADIDEC[330]K	1
							2	LETC[330]FLRYEDEEC[330]TLPIAGR	1
							2	LC[330]PHGRGFMNGADIDEC[330]K	1
							3	C[330]RC[339]DSGFALDSEERN[330]TDIDEC[330]R	1
							3	GM[147]MC[330]KNLIGTFM[147]C[339]IC[330]PPGM[147]ARR	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	2.58	*	*	*	4	3	C[339]C[330]C[339]SKMPGEGWGDPC[339]ELC[330]PK	1
							3	C[339]DC[330]PPGLAVGMDGR	1
							3	C[339]IAQPC[330]AC[339]VYGFTGPQC[339]ER	1
							3	GMMC[339]KNLIGTFM[147]C[330]IC[330]PPGMARR	1
FBN3_HUMAN (Q75N90) Fibrillin-3 precursor [MASS=300370]	*	1.39	*	*	*	2	3	C[339]EC[339]PAGFNYSILLAC[330]EDVDEC[330]GSR	1
							3	GYTGTVC[339]GQPIC[339]DR	1
FBX31_HUMAN (Q5UX0) F-box only protein 31 [MASS=60647]	0.00	6.49	0.25	0.00	1	2	3	KAATVEC[330]MYGHK	1
							3	PGLFKGTYGSHGLEIVM[147]LSFHGR	1
FBX39_HUMAN (Q8N4B4) F-box only protein 39 [MASS=52646]	0.00	3.39	1.66	0.00	1	2	2	ERQC[339]ALR	1
							1	YLEHLEVK	1
FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	0.00	4.65	0.96	0.00	1	2	2	VPVSYC[339]GK	1
							3	DYNMYLVHNGRM[147]LIHFQMPAC[330]TPK	1

FBXL4_HUMAN (Q9UKA2) F-box/LRR-repeat protein 4 (F-box and leucine-rich repeat protein 4) (F-box protein FBL4/FBL5) [MASS=70096]	*	2.58	*	*	*	1	2	SVC[330]DTDIDELAC[330]NC[339]TR	1
FGD1_HUMAN (P98174) FYVE, RhoGEF and PH domain-containing protein 1 (Faciogenital dysplasia 1 protein) (Zinc finger FYVE domain-containing protein 3) (Rho/Rac guanine nucleotide exchange factor FGD1) (Rho/Rac GEF) [MASS=106560]	*	2.08	*	*	*	1	2	ARIDVDGMELKESSNLLNLP	1
FGF6_HUMAN (P10767) Fibroblast growth factor 6 precursor (FGF-6) (HBGF-6) (HST-2) [MASS=22904]	*	7.69	*	*	*	1	2	GSKVSPIMTVTHFLPR	1
FHL1_HUMAN (Q13642) Four and a half LIM domains protein 1 (FHL-1) (Skeletal muscle LIM-protein 1) (SLIM 1) (SLIM) [MASS=36132]	0.93	4.04	0.78	0.00	1	1	2	GEDFYC[330]VTC[330]HETK	1
FILA_HUMAN (P20930) Filaggrin [MASS=435166]	*	0.91	*	*	*	2	2 3	HHEAASWADSSR DHPRYYATYINKDPGLC[330]GHSSDISK	1 1
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	0.71	5.63	0.93	0.00	1	1	2	RVDHC[330]PIK	1
FLNA_HUMAN (P21333) Filamin-A (Alpha-filamin) (Filamin-1) (Endothelial actin-binding protein) (Actin-binding protein 280) (ABP-280) (Nonmuscle filamin) [MASS=280628]	*	3.33	*	*	*	4	3 3 2 2	AGGPGLERAEAGVPAEFSIWTREAGAGGLAIAVEGPSK VTGPRLVSNHSLHETSSVFVDSLTK FNGTHIPGSPFK AWGPGLEGGVVGK	1 1 1 1
FLNB_HUMAN (O75369) Filamin-B (FLN-B) (Beta-filamin) (Actin-binding-like protein) (Thyroid autoantigen) (Truncated actin-binding protein) (Truncated ABP) (ABP-280 homolog) (ABP-278) (Filamin 3) (Filamin homolog 1) (Fh1) [MASS=278193]	0.00	1.15	0.69	0.00	1	2	2 2	HVGNQQYNVTYVVK SGC[339]IVNNLAEFTVDPK	1 1
FLOT1_HUMAN (O75955) Flotillin-1 [MASS=47355]	0.22	6.32	0.35	0.00	1	2	2 2	MRGEAEFAIGARAR VFVLPC[330]IQIQR	1 1
FMNL_HUMAN (O95466) Formin-like 1 protein (Formin-like protein) (Leukocyte formin) (CLL-associated antigen KW-13) [MASS=121827]	*	0.73	*	*	*	1	2	RGAAYGFR	1

FOG1_HUMAN (Q8IX07) Zinc finger protein ZFPM1 (Zinc finger protein multitype 1) (Friend of GATA protein 1) (Friend of GATA-1) (FOG-1) [MASS=104546]	0.00	7.47	0.59	0.00	1	3	3	GATC[339]FEC[339]EITFSNVNYYYVHK	1
							3	VEAVEEPEAAPILGPGEPPQAPSR	1
							3	NLQAHLLYYC[330]ASRQGTGSPAAATDEKPK	1
FOX1_HUMAN (Q12952) Forkhead box protein L1 (Forkhead-related protein FKHL11) (Forkhead-related transcription factor 7) (FREAC-7) [MASS=36490]	*	3.77	*	*	*	1	3	C[339]LDM[147]FENGNYRRR	1
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAP1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	0.00	5.22	1.13	0.00	1	5	3	QLDHPLPTVHPQVTYAYMKNMWKSAR	1
							3	NM[147]C[339]EHSNTLVQQAM[147]M[147]VSEELIR	1
							2	TGTTVPESIHSGFDGLVKPEALNK	1
							3	M[147]LGTGPAAATTAATTSSNVSVLQQFASGLK	1
							3	TLLMYTVPVQGGFRSISLSRGNNLQDTLR	1
FRDA_HUMAN (Q16595) Frataxin, mitochondrial precursor (Friedreich ataxia protein) (Fxn) [Contains: Frataxin intermediate form] [MASS=23135]	0.00	6.67	1.24	0.00	1	1	3	RGLRTDIDATC[330]TPR	1
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	0.00	1.28	0.60	0.00	1	2	3	QHM[147]RWLWDIGGRK	1
							2	YVHNGC[330]PILDEDTVK	1
FRM4A_HUMAN (Q9P2Q2) FERM domain-containing protein 4A [MASS=113964]	0.00	8.30	0.92	0.00	1	4	2	LPALPTQALKEHPSLAYC[339]EDR	1
							2	TFGHSGIAVHTWYAC[339]PALIK	1
							3	DM[147]LAALKSRQEALETTLR	1
							3	SSSLESQGKLLGSENDTGSPDFYTPR	1
FSCN1_HUMAN (Q16658) Fascin (Singed-like protein) (55 kDa actin-bundling protein) (p55) [MASS=54398]	*	8.94	*	*	*	2	3	QGM[147]DLSANQDEETDQETFQLEIDR	1
							3	NGQLAASVETAGDSEFLM[147]K	1
FSTL5_HUMAN (Q8N475) Follistatin-related protein 5 precursor (Follistatin-like 5) [MASS=95750]	0.00	2.01	*	*	*	1	3	QLTLQANGSEVHISNVR	1
FTHFD_HUMAN (O75891) 10-formyltetrahydrofolate dehydrogenase (EC 1.5.1.6) (10-FTHFDH) (Aldehyde dehydrogenase 1 family member L1) [MASS=98829]	0.00	9.53	5.16	0.00	1	4	2	FLFPEGIKGM[147]VQAVRLIAEGK	1
							3	EPVGVC[339]GIIPWNYPLM[147]MLSWK	1
							3	KVSLELGGSPLIIFADC[330]DLNK	1
							3	PGFFFEPTVFTDVEDHM[147]FIAK	1

FVT1_HUMAN (Q06136) 3-ketodihydrosphingosine reductase precursor (EC 1.1.1.102) (3-dehydrosphinganine reductase) (KDS reductase) (Follicular variant translocation protein 1) (FVT-1) [MASS=36187]	*	6.33	*	*	*	1	2	LM[147]SINYLGSVYPSRAVITTM[147]K	1
FZD4_HUMAN (Q9ULV1) Frizzled-4 precursor (Fz-4) (hFz4) (FzE4) [MASS=59881]	0.00	5.77	0.05	0.00	1	1	3	EFTDIWM[147]AVWASLC[330]FISTAFTVLTFLIDSSR	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.83	0.07	2	2	2 1	IISNASC[330]TTNC[330]LAPLAK VPTANVSVVDLTC[330]R	1 1
G6PI_HUMAN (P06744) Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Neuroleukin) (NLK) (Sperm antigen 36) (SA-36) [MASS=63015]	1.00	12.75	0.87	0.26	2	3	2 3 2 3	MIPC[339]DFLIPVQTQHPIR IFVQGIWDINSFDQWGVELGK MIPC[330]DFLIPVQTQHPIR IEPELDGSAQVTSHDASTNGLINFIKQQREAR	1 1 1 1
GA2L2_HUMAN (Q8NHY3) GAS2-like protein 2 (Growth arrest-specific 2-like 2) (GAS2-related protein on chromosome 17) (GAR17 protein) [MASS=96519]	0.00	3.86	1.27	0.00	1	2	3 2	C[330]TSLSHKPGSFLKPPAPPVQHEVR SPTPVQGLTK	1 1
GABR1_HUMAN (Q9UBS5) Gamma-aminobutyric acid type B receptor, subunit 1 precursor (GABA-B receptor 1) (GABA-B-R1) (Gb1) [MASS=108320]	*	1.87	*	*	*	1	2	TDKWIGGSPPADQTLVIK	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	11.40	1.25	0.22	3	3	2 3 2 2	TM[147]GC[330]LATTHSK GM[147]SQLITM[147]AC[330]GSC[330]SNENALKTIFMWYR TM[147]GC[339]LATTHSK HGC[339]AFLVDEVQTGGGC[339]TGK	1 1 1 1

GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	35.40	0.55	0.15	13	6	2	LFVSGAC[330]DASAK	2
							3	QTFTGHESDINAIC[330]FFPNGNAFATGSDDATC[330]R	1
							3	ADQELM[147]TYSHDNIIC[330]GITSVSFSK	1
							3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[330]R	1
							2	AC[330]ADATLSQITNNIDPVGR	1
							3	ELAGHTGYLSC[330]C[330]R	1
							3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[339]R	1
							2	KAC[330]ADATLSQITNNIDPVGR	1
							2	KAC[339]ADATLSQITNNIDPVGR	1
							2	ELAGHTGYLSC[339]C[339]R	1
							2	ELAGHTGYLSC[330]C[330]R	3
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	7.37	0.55	0.05	3	2	3	TFVSGAC[330]DASIK	1
							3	ELPGHTGYLSC[330]C[330]R	1
							2	ELPGHTGYLSC[330]C[330]R	3
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.73	3.82	1.42	0.00	1	1	2	ELSAHTGYLSC[339]C[339]R	1
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	0.99	64.79	0.73	0.00	1	2	2	ASADLM[147]SYC[330]EEHAR	1
							3	ASADLM[147]SYC[330]EEHARSDPLLIGIPTSENPFKDK	1
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	62.86	0.48	0.11	2	2	3	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFRR	1
							2	AAADLM[147]AYC[339]EAHAK	1
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.80	69.33	0.57	0.00	1	2	2	GETPVNSTM[147]SIGQARKMVEQLK	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPFRR	1
GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	0.98	20.59	0.38	0.00	1	1	2	AASDLM[147]SYC[330]EQHAR	1
GDAP1_HUMAN (Q8TB36) Ganglioside-induced differentiation-associated protein 1 (GDAP1) [MASS=41251]	0.00	12.29	1.14	0.00	1	2	2	RPNLETYYERVVK	1
							3	NEETPEEGQQPWLC[330]GESFTLADVSLAVTLHR	1

GDIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	*	2.01	*	*	*	1	2	VRKAGQVIR	1
GDIB_HUMAN (P50395) Rab GDP dissociation inhibitor beta (Rab GDI beta) (Guanosine diphosphate dissociation inhibitor 2) (GDI-2) [MASS=50663]	*	1.57	*	*	*	1	1	SEGEIAR	1
GDS1_HUMAN (P52306) Rap1 GTPase-GDP dissociation stimulator 1 (SMG P21 stimulatory GDP/GTP exchange protein) (SMG GDS protein) (Exchange factor smgGDS) [MASS=66403]	0.99	3.46	0.78	0.00	1	1	3	IQASGILQLFASLLTPQSSC[339]K	1
GFRA3_HUMAN (O60609) GDNF family receptor alpha-3 precursor (GFR-alpha-3) [MASS=44511]	0.00	6.75	0.64	0.00	1	2	2 2	M[147]NLSKLN[M[147]LKPDSLDC[339]LK LMNSC[330]LQAR	1 1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	11.46	1.23	0.04	5	2	2 2 2	LINGGIAGLIGVTC[339]VFPIDLAK GVNEDTYSGLDC[339]AR LINGGIAGLIGVTC[330]VFPIDLAK	1 1 3
GLIS3_HUMAN (Q8NEA6) Zinc finger protein GLIS3 (GLI-similar 3) (Zinc finger protein 515) [MASS=83605]	0.39	1.94	1.02	0.00	1	1	2	GSC[330]IPQPRPVPGSQK	1
GLRA2_HUMAN (P23416) Glycine receptor alpha-2 chain precursor [MASS=52002]	0.00	4.65	*	*	*	1	2	SGKQPSQTLSPSDFLDKLM[147]GR	1
GLRX5_HUMAN (Q86SX6) Glutaredoxin-related protein 5 [MASS=16628]	0.99	12.10	1.78	0.00	1	1	2 2	GTPEQPQC[339]GFSNAVQILR C[339]VQSNIVLLTQAFR	1 2
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	5.38	1.12	0.13	7	3	2 2 2 2	LKEC[330]M[147]DM[147]LR LKEC[339]M[147]DM[147]LR C[330]VQSNIVLLTQAFR VPFC[339]LQSC[339]VKPLK	1 1 2 1
GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	0.46	1.16	3.17	0.00	1	1	2	FLIEAC[339]K	1

GLT14_HUMAN (Q96FL9) Polypeptide N-acetylgalactosaminyltransferase 14 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 14) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 14) (Polypeptide GalNAc transferase 14) (GalNAc-T14) (pp-GaNTas [MASS=64320])	0.00	9.96	*	*	*	3	3	RLDPTPIRTPIIAGGLFVIDK	1
							3	VVMC[330]GGSLEIVPC[330]SRVGHVFR	1
							2	PFGNVESRLDLR	1
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	0.00	3.68	*	*	*	1	2	EIYTHFTC[330]ATDTK	1
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	1.00	16.67	0.76	0.05	2	3	2	IIHEDGYSEEEC[330]R	1
							3	AVVYSNTIQSIMAIVKAM[147]GNLQIDFADPSR	1
							2	QM[147]KIIHEDGYSEEEC[339]R	1
GNAI3_HUMAN (P08754) Guanine nucleotide-binding protein G(k) subunit alpha (G(i) alpha-3) [MASS=40401]	0.00	10.20	*	*	*	2	2	AAKEVKLLLLGAGESGK	1
							3	QMKIIHEDGYSEDEC[339]KQYK	1
GNAL_HUMAN (P38405) Guanine nucleotide-binding protein G(olf) subunit alpha (Adenylate cyclase-stimulating G alpha protein, olfactory type) [MASS=44308]	*	5.25	*	*	*	1	3	WLRTISIILFLNKQDMLAEK	1
							2	M[147]HESLMLFDSIC[330]NNK	1
							2	M[147]EDTEPFSAELLSAMMR	1
							2	M[147]VC[330]DVVSR	3
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	20.40	1.06	0.00	1	4	3	MEDTEPFSAELLSAM[147]MRLWGDSGIQEC[330]FNRSR	1
							2	MVC[330]DVVSR	2
							2	M[147]VC[339]DVVSR	1
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	8.50	0.85	0.00	1	1	3	SPLTIC[339]FPEYTGPSAFTEAVAYIQAQYESK	1
							3	SPLTIC[330]FPEYTGPSAFTEAVAYIQAQYESK	1
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	0.00	3.11	2.33	0.00	1	1	2	IPLTIC[339]FPEYK	1

GNB1L_HUMAN (Q9BYB4) Guanine nucleotide-binding protein subunit beta-like protein 1 (G protein subunit beta-like protein 1) (WD40 repeat-containing protein deleted in VCFS) (Protein WDVCF) (DGCRK3) [MASS=35618]	0.00	5.81	6.13	0.00	1	1	2	IAC[339]HEEPVM[147]DLDFDSQKAR	1
							2	AMASLQNERDHLWNELEKFR	1
							2	LHEDELLQLVTQADVETEMQQKLRVLQR	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macrogolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	*	4.20	*	*	*	7	2	KLQAALINR	1
							3	LDYESQTAHDNLLTEQIHSLSIEAKSKDVK	1
							2	SLQEELSLARGTIERLTK	1
							3	ALHTQLEMQAKEHDER	1
							3	VLQRKLEEHEESLVGR	1
GP115_HUMAN (Q8IZF3) Probable G-protein coupled receptor 115 (G-protein coupled receptor PGR18) [MASS=83830]	*	6.91	*	*	*	3	3	PSIGSSKSQDVVIMR	1
							2	WDEKAC[330]QM[147]M[147]LDIR	1
							2	SLNFSM[147]SM[147]NNTTEDILGM[147]VQIPR	1
GP132_HUMAN (Q9UNW8) Probable G-protein coupled receptor 132 (G2 accumulation protein) [MASS=42499]	0.00	6.58	1.08	0.00	1	2	2	IFRSIKQSMGLSAAQK	1
							2	WTLGLLAC[330]K	1
GP144_HUMAN (Q7Z7M1) Probable G-protein coupled receptor 144 (G-protein coupled receptor PGR24) [MASS=104087]	*	0.93	*	*	*	1	2	WLHGAAVDR	1
GP150_HUMAN (Q8NGU9) Probable G-protein coupled receptor 150 [MASS=46353]	*	5.30	*	*	*	1	2	VRLVFLGVILVVAVAGNTTVLC[330]R	1
GP158_HUMAN (Q5T848) Probable G-protein coupled receptor 158 precursor [MASS=135488]	0.00	3.46	1.28	0.00	1	2	2	DPAPQNSNPAAEEPR	1
							3	YLRLLAISFQALC[339]M[147]LLDFVSMLVYHFR	1
GP162_HUMAN (Q16538) Probable G-protein coupled receptor 162 (Gene-rich cluster gene A protein) [MASS=63930]	0.00	15.99	0.36	0.00	1	4	3	HRLEDEEDEEEAEGGGLASLRQFLESGVLGSGGGPPR	1
							2	GGAGAEELASLR	1
							2	AWGGSWGPNGNPIFPQLTL	1
							3	TVWEQC[330]VAIM[147]SEEDGDDGGC[330]DDYAEGR	1
GPC4_HUMAN (O75487) Glypican-4 precursor (K-glypican) [MASS=62412]	*	3.60	*	*	*	1	3	PGAQAYLLTVFC[330]JILFLVM[147]QR	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	11.87	0.56	0.08	3	3	2	KIC[339]TVSENFLR	1
							2	KIC[330]TVSENFLR	1
							2	QFGIVTIGEEKK	1
							2	IC[330]TVSENFLR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.23	3.40	0.51	0.00	1	1	2	SREDC[330]C[330]TKF	1

GPNMB_HUMAN (Q14956) Transmembrane glycoprotein NMB precursor (Transmembrane glycoprotein HGFIN) [MASS=63922]	*	12.59	*	*	*	3	3	TFNGSGTYC[330]VNLTLGDDTSLALTSTLISVPDR	1
							3	C[339]QKEDANGNIVYEK	1
							3	MANSALISVGC[330]LAIFVTVISLLVYKK	1
GPR15_HUMAN (P49685) G-protein coupled receptor 15 (BOB) [MASS=40787]	0.00	7.50	0.62	0.00	1	1	3	RTDC[330]AYVVC[330]ASIWFISC[330]LLGLPTLLSR	1
GPR97_HUMAN (Q86Y34) Probable G-protein coupled receptor 97 precursor (G-protein coupled receptor PGR26) [MASS=60860]	*	4.37	*	*	*	1	3	ISQAGC[339]GVSM[147]IFLAFTIILYAFLR	1
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	7.08	1.50	0.04	2	2	3	QDVHSRGLC[339]S	1
							3	C[339]QGPPGVDLYRLEK	3
GRAA_HUMAN (P12544) Granzyme A precursor (EC 3.4.21.78) (Cytotoxic T-lymphocyte proteinase 1) (Hanukkah factor) (H factor) (HF) (Granzyme-1) (CTL tryptase) (Fragmentin-1) [MASS=28969]	0.00	6.87	2.00	0.00	1	1	2	KGDDVKPGTM[147]C[339]QVAGWGR	1
GRHL3_HUMAN (Q8TE85) Grainyhead-like protein 3 homolog (Sister of mammalian grainyhead) (Transcription factor CP2-like 4) [MASS=70318]	*	4.31	*	*	*	1	3	HPPPDC[339]LEC[339]SHPVTQVRNM[147]GFGDGFWR	1
GRIA1_HUMAN (P42261) Glutamate receptor 1 precursor (GluR-1) (GluR-A) (GluR-K1) (Glutamate receptor ionotropic, AMPA 1) (AMPA-selective glutamate receptor 1) [MASS=101535]	0.23	1.32	*	*	*	2	1	HDSIR	1
							2	KPC[330]DTM[147]K	1
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	0.23	1.22	1.07	0.00	1	1	2	KNHEM[147]FEGNDK	1
GRIK3_HUMAN (Q13003) Glutamate receptor, ionotropic kainate 3 precursor (Glutamate receptor 7) (GluR-7) (GluR7) (Excitatory amino acid receptor 5) (EAA5) [MASS=104031]	*	3.70	*	*	*	2	2	SLIVTTVLEEPFVM[147]FR	1
							3	EFRIIFDC[330]SHTMAAQILK	1

GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	*	1.36	*	*	*	1	3	VAPEEFVKFQFQR	1
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	*	2.78	*	*	*	2	2 3	KALGSARSPEGAR ETPQASEKVDPGSC[330]R	1 1
GRK4_HUMAN (P32298) G protein-coupled receptor kinase 4 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK4) (IT11) [MASS=66555]	*	7.44	*	*	*	3	2 2 2	GGC[330]LTM[147]VPSEKEVEPK GGC[330]LTM[147]VPSEKEVEPKQC[339] PENILLDDR	1 1 1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	0.53	3.24	1.92	0.00	1	2	2 2	TIAPC[339]QK M[147]EEFKDQLPADEC[339]JNK	1 1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	*	2.71	*	*	*	3	3 2 3	VC[330]KQM[147]IKR C[330]NVENLPRSR DAHSQGEVSC[330]LEK	1 1 1
GSTM3_HUMAN (P21266) Glutathione S-transferase Mu 3 (EC 2.5.1.18) (GSTM3-3) (GST class-mu 3) (hGSTM3-3) [MASS=26428]	*	5.80	*	*	*	1	3	M[147]PINNKM[147]AQWGNK	1
GTR3_HUMAN (P11169) Solute carrier family 2, facilitated glucose transporter member 3 (Glucose transporter type 3, brain) [MASS=53924]	0.00	4.44	0.73	0.00	1	1	3	RNSMLIVNLLAVTGGC[330]FM[147]GLC[330]K	1
GTR8_HUMAN (Q9NY64) Solute carrier family 2, facilitated glucose transporter member 8 (Glucose transporter type 8) (Glucose transporter type X1) [MASS=50793]	0.00	5.24	0.07	0.00	1	1	2	WLAVLGC[330]VPPSLMLLLM[147]C[330]FM[147]PETPR	1
GUAA_HUMAN (P49915) GMP synthase [glutamine-hydrolyzing] (EC 6.3.5.2) (Glutamine amidotransferase) (GMP synthetase) [MASS=76715]	0.00	8.80	0.40	0.00	1	3	2 3 2	NFLYDIAGC[330]SGTFTVQNR VINAAHSFYNGTTTLPISEDEDRTPRK ESQSVEEALKKLGIQVK	1 1 1

GUAD_HUMAN (Q9Y2T3) Guanine deaminase (EC 3.5.4.3) (Guanase) (Guanine aminase) (Guanine aminohydrolase) (GAH) (p51-nedasin) [MASS=51003]	*	8.15	*	*	*	2	2	AVMVSNILLINKVNEK	1
							3	IGLGTDVAGGYSYSM[147]LDAIRR	1
HAOX2_HUMAN (Q9NYQ3) Hydroxyacid oxidase 2 (EC 1.1.3.15) (HAOX2) ((S)-2-hydroxy-acid oxidase, peroxisomal) (Long chain alpha-hydroxy acid oxidase) (Long-chain L-2-hydroxy acid oxidase) [MASS=38839]	0.37	3.99	0.45	0.00	1	1	2	ALVITLDTPVC[330]GNR	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	34.93	0.59	0.17	4	3	3	GTFATLSELHC[339]DKLHVDPENFR	2
							2	GTFATLSELHC[330]DK	1
							2	LLGNVLVC[330]VLAHHFGK	1
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	0.00	1.91	1.40	0.00	1	1	2	HPVSC[339]K	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	0.00	4.23	5.58	0.00	1	7	3	YITAAC[339]EM[147]VAEMVESLQSVLALGHKR	1
							2	VHPSEDEILAQYLVPATC[330]K	1
							2	LLSASFLLTGKKNVLPDRDVR	1
							2	QPSDSSVDKFVLR	1
							2	NSSMALQQAHLKNNM[147]SHC[330]R	1
							3	TSDPNPAAPDSESIVAMER	1
							2	EPGEQASVPLSPKK	1
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	*	0.65	*	*	*	1	3	LQQNISWKKTIVTR	1
HEAT2_HUMAN (Q86Y56) HEAT repeat-containing protein 2 [MASS=93533]	*	1.75	*	*	*	1	2	PRDALPRLLPALAAR	1
HECD1_HUMAN (Q9ULT8) E3 ubiquitin-protein ligase HECTD1 (HECT domain-containing protein 1) (E3 ligase for inhibin receptor) (EULIR) [MASS=289593]	0.00	3.64	2.09	0.00	1	5	3	TFLPALC[330]KIFLDESAPDNVLEVTAR	1
							3	KSVLEVEFLGEEGTGLPTLEFYALVAAEFQR	1
							2	LMC[339]MGDIK	1
							3	ALC[339]NRLVVVELNNRTSR	1
							2	LLAATM[147]EKGFHNL	1
HELI_HUMAN (Q9UKS7) Zinc finger protein Helios [MASS=59559]	*	6.27	*	*	*	2	2	RKQSPAYMK	1
							3	C[339]EHC[330]RVFLFDHVM[147]YTIHM[147]GC[330]HGYR	1

HELZ_HUMAN (P42694) Probable helicase with zinc-finger domain (EC 3.6.1.-) [MASS=218970]	0.00	1.44	*	*	*	1	3	QIAESANSSSPQSSAGGKPAM[147]SYASALR	1
HEM1_HUMAN (P13196) 5-aminolevulinate synthase, nonspecific, mitochondrial precursor (EC 2.3.1.37) (5-aminolevulinic acid synthase) (Delta-aminolevulinate synthase) (Delta-ALA synthetase) (ALAS-H) [MASS=70580]	*	2.03	*	*	*	1	2	GGGIGDRDGVM[147]PK	1
HEM6_HUMAN (P36551) Coproporphyrinogen III oxidase, mitochondrial precursor (EC 1.3.3.3) (Coproporphyrinogenase) (Coprogen oxidase) (COX) [MASS=50152]	*	3.96	*	*	*	1	3	EGGGGISC[330]VLQDGC[330]VFEK	1
HEP2_HUMAN (P05546) Heparin cofactor 2 precursor (Heparin cofactor II) (HC-II) (Protease inhibitor leuserpin 2) (HLS2) [MASS=57070]	*	4.21	*	*	*	1	3	LMGIRMLFDKNGNMAGISDQR	1
HGFL_HUMAN (P26927) Hepatocyte growth factor-like protein precursor (Macrophage stimulatory protein) (MSP) (Macrophage-stimulating protein) [Contains: Hepatocyte growth factor-like protein alpha chain; Hepatocyte growth factor-like protein beta chain] [MASS=80380]	0.00	3.94	1.27	0.10	2	2	1	C[330]GKRVDR	1
							3	RC[339]ADDQPPSILDPPDQVQFEK	1
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.40	5.22	1.38	0.00	1	2	2	NKGLPFTC[339]KAFVFDK	1
							3	NKGLPFTC[330]KAFVFDK	1
							2	C[339]EGDTPPTIVNLDHPVISC[330]AKTK	1
HIC1_HUMAN (Q14526) Hypermethylated in cancer 1 protein (Hic-1) (Zinc finger and BTB domain-containing protein 29) [MASS=76467]	*	5.59	*	*	*	2	3	ELPPRPDSPPSAGPAAYK	1
							2	PLAERELPPRPDSPPSAGPAAYK	1
HIG2A_HUMAN (Q9BW72) HIG1 domain family member 2A [MASS=11528]	1.00	23.58	1.24	0.00	2	1	3	ENPVVPIGC[330]LATAAAALTYGLYSFHR	1
							3	ENPVVPIGC[339]LATAAAALTYGLYSFHR	1
HIP1_HUMAN (O00291) Huntingtin-interacting protein 1 (HIP-1) [MASS=115442]	0.00	6.02	0.06	0.00	1	4	2	TC[330]ILGTHHEK	1
							2	LEVNERILGC[339]C[339]TSLM[147]QAIQVLIVASK	1
							2	AIGEELLPR	1
							3	LKEKSELVQNHADLLR	1

HMCN1_HUMAN (Q96RW7) Hemicentin-1 precursor (Fibulin-6) (FIBL-6) [MASS=613386]	0.00	1.17	*	*	*	4	2	EKQSVTLTC[330]EVTGNPVPEITWHK	1
							3	LMQTTM[147]EDAGQYTC[339]VVRNAAGEER	1
							2	EFEVTVHVPPTIK	1
							1	YIEAPK	1
HMCS1_HUMAN (Q01581) Hydroxymethylglutaryl-CoA synthase, cytoplasmic (EC 2.3.3.10) (HMG-CoA synthase) (3-hydroxy-3-methylglutaryl coenzyme A synthase) [MASS=57293]	*	5.00	*	*	*	1	3	DFTLNDFGFM[147]IFHSPYC[330]KLVQKSLAR	1
HPLN2_HUMAN (Q9GZV7) Hyaluronan and proteoglycan link protein 2 precursor (Brain link protein 1) [MASS=37775]	0.97	3.24	0.47	0.00	1	1	2	LTLSEAHAAC[330]R	1
							3	ATSM[147]DLPMPMRFR	1
							2	LSPLKSKFK	1
							3	ELQISLKQVLTALLNSRTTSHLLR	1
HRX_HUMAN (Q03164) Zinc finger protein HRX (ALL-1) (Trithorax-like protein) [MASS=431748]	*	3.58	*	*	*	9	1	RPISR	1
							3	C[330]RNSYHPEC[339]LGPNYPTK	1
							3	SSEGSAHNVAYPGIPK	1
							3	GNFC[339]PLC[330]DKC[330]YDDDDYESKMMQC[330]GK	1
							3	C[330]GQC[330]PGC[330]QVPEDC[339]GVC[330]TNC[339]LDK	1
							2	GKQLRC[330]EFC[339]QK	1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	*	0.58	*	*	*	1	1	ERIAK	1
HSP7C_HUMAN (P11142) Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8) [MASS=70898]	0.00	3.41	0.59	0.00	1	1	2	GPAVGIDLGTTYSC[330]VGVFQHGK	1
							2	LTTSEK	1
							2	SSNQLSWLSVSM DAALGC[339]R	1
HUWE1_HUMAN (Q7Z6Z7) HECT, UBA and WWE domain-containing protein 1 (EC 6.3.2.-) (E3 ubiquitin protein ligase URE-B1) (Mcl-1 ubiquitin ligase E3) (Mule) (ARF-binding protein 1) (ARF-BP1) [MASS=481888]	0.00	3.27	0.67	0.02	2	8	2	ENGFGLAEC[330]C[330]RDLHM[147]M[147]K	1
							2	SSNQLSWLSVSM[147]DAALGC[339]R	1
							2	YLSNSNNWR	1
							2	QIGTLAELR	1
							3	REESPMDDVDQPSAQDTSIASDGTGPQGEKEK	1
							2	RQQQAATSESSQSEASVRR	1
							2	QLM[147]HERLFGHSSTSALSAILRSPAFTSR	1
HV3L_HUMAN (P01773) Ig heavy chain V-III region BUR [MASS=12981]	0.00	15.97	0.28	0.00	1	1	2	LSC[330]TASAFNLSDYAM[147]HWVR	1
HXB3_HUMAN (P14651) Homeobox protein Hox-B3 (Hox-2G) (Hox-2.7) [MASS=44344]	*	9.05	*	*	*	2	2	SAC[339]SLQSLGNAAPHAKSKELNGSC[330]M[147]R	1
							3	RVEMANLLNLSEK	2

HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	17.67	1.25	0.03	20	11	2	AAQLC[330]GAGM[147]AAVVDK	1
							2	AAQLC[339]GAGM[147]AAVVDKIR	1
							2	AILQQLGLNSTC[330]DDSILVK	1
							2	C[339]NVSFLLSEDGSGK	1
							2	MIAAQLLAYFTELKDDQVK	1
							2	LPVGFTFSFPC[330]QQSK	2
							2	AILQQLGLNSTC[339]DDSILVK	1
							2	ATDC[339]VGHDVVTLLR	1
							2	RAAQLC[339]GAGM[147]AAVVDK	1
							2	AAQLC[339]GAGM[147]AAVVDK	2
							2	KLPVGFTFSFPC[330]QQSK	1
							2	KLPVGFTFSFPC[339]QQSK	2
							2	LVPDSDVR	1
							2	AAQLC[330]GAGM[147]AAVVDKIR	1
							2	ATDC[330]VGHDVVTLLR	1
							1	ATDC[330]VGHDVVTLLR	1
							2	RAAQLC[330]GAGM[147]AAVVDK	1
							2	LPVGFTFSFPC[339]QQSK	2
							2	TVC[330]GVVSR	1
HYES_HUMAN (P34913) Epoxide hydrolase 2 (EC 3.3.2.3) (Soluble epoxide hydrolase) (SEH) (Epoxide hydratase) (Cytosolic epoxide hydrolase) (CEH) [MASS=62615]	*	4.14	*	*	*	1	3	AVASLNTPFIPANPNMSPLESIK	1
IBP5_HUMAN (P24593) Insulin-like growth factor-binding protein 5 precursor (IGFBP-5) (IBP-5) (IGF-binding protein 5) [MASS=30570]	*	5.88	*	*	*	1	3	PLHALLHGRGVC[339]LNEK	1
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	0.72	10.17	0.40	0.00	1	5	3	C[339]EARGNPEPSVHC[330]AR	1
							3	SDGGAVLALGLLGPVTRALSGTYRC[330]K	1
							2	MPGPSPGLRR	1
							2	GNPEPSVHC[330]AR	1
							3	C[330]KAANDQGEAVKDVTLTVEYAPALDSVGC[339]PER	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.99	2.46	1.43	0.01	2	1	2	C[339]REVAESC[339]K	1
							2	C[330]REVAESC[330]K	1

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	0.96	10.43	1.56	0.00	1	3	2 1 3	TSLDLYANVIHC[339]K KKVTAVHK NIANPTATLLASC[339]MM[147]LDHLK	1 1 1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	8.85	1.23	0.00	2	3	2 2 2 2	DLAGC[339]IHGLSNVK LDGNQDLIR GKLDGNQDLIRFAQMLEK DLAGC[330]IHGLSNVK	1 1 1 1
IDLC_HUMAN (O14645) Axonemal dynein light intermediate polypeptide 1 (Inner dynein arm light chain, axonemal) (hp28) [MASS=29662]	0.00	10.47	0.87	0.00	1	2	2 2	RELYSQC[330]FDELIR YDTPVLVSRNTEKR	1 1
IF122_HUMAN (Q9HBG6) Intraflagellar transport 122 homolog (WD repeat protein 10) [MASS=141968]	0.38	3.70	0.57	0.52	2	2	2 3	RSGHENLALEM[147]YTDLC[339]MFEYAK AEHC[339]INDIAFKPDGTQLILAAGSR	1 1
IF140_HUMAN (Q96RY7) Intraflagellar transport 140 homolog (WD and tetratricopeptide repeats protein 2) [MASS=165192]	0.00	1.50	0.63	0.00	1	1	3	YQEALQLC[330]LGQNMSITEEMAEK	1
IF2M_HUMAN (P46199) Translation initiation factor IF-2, mitochondrial precursor (IF-2Mt) (IF-2(Mt)) [MASS=81344]	*	5.91	*	*	*	2	3 3	TGM[147]DC[339]GLSLDEDNMEFQVGDRIVC[330]YEEK VPVAGC[330]RVQKGQLEK	1 1
IF4G1_HUMAN (Q04637) Eukaryotic translation initiation factor 4 gamma 1 (eIF-4-gamma 1) (eIF-4G1) (eIF-4G 1) (p220) [MASS=175534]	*	6.62	*	*	*	6	2 2 3 3 3 2	LTPQMFQQLMKQVTQLAIDTEER GPQAGLGPRR ITKPGSIDSNNQLFAPGGR GEEDADGSKTQDLFRR FMLQDVLDLRGSNWVPR VFDWIEANLSEQQIVSNTLVR	1 1 1 1 1 1
IF4G3_HUMAN (O43432) Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G 3) (eIF-4-gamma II) (eIF4GII) [MASS=176651]	*	1.01	*	*	*	1	2	SILNKLTPQM[147]FNQLMK	1
IF5A1_HUMAN (P63241) Eukaryotic translation initiation factor 5A-1 (eIF-5A-1) (eIF-5A1) (Eukaryotic initiation factor 5A isoform 1) (eIF-5A) (eIF-4D) (Rev-binding factor) [MASS=16701]	0.23	12.42	*	*	*	1	3	KYEDIC[330]PSTHNM[147]DVPNIKR	1

IF5A2_HUMAN (Q9GZV4) Eukaryotic translation initiation factor 5A-2 (eIF-5A-2) (eIF-5A2) (Eukaryotic initiation factor 5A isoform 2) [MASS=16662]	0.23	30.92	0.65	0.00	1	2	3	YNAGEDVQVSVM[147]C[339]AMSEEYAVAIK NDYQLIC[339]IQDGYLSLLTETGEVR	1 1
IFN14_HUMAN (P01570) Interferon alpha-14 precursor (Interferon alpha-H) (LeIF H) (Interferon lambda-2-H) [MASS=22063]	0.00	8.99	2.57	0.00	1	1	2	MALPFALMMALVVLSC[339]K	1
IFRD1_HUMAN (O00458) Interferon-related developmental regulator 1 (Nerve growth factor-inducible protein PC4) [MASS=50268]	*	5.10	*	*	*	1	2	QAALEGIKNALASKM[147]LYEFILER	1
IGS21_HUMAN (Q96ID5) Immunoglobulin superfamily member 21 precursor [MASS=51835]	0.99	3.21	0.36	0.00	1	1	2	C[330]TAQNPLGSTDTHTR	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	23.87	0.45	0.31	5	6	2	DHEDSSLQWSNPAQQTLYFGEK	1
							2	DTATLNC[330]QSSGSKPAAR	1
							2	EKDTATLNC[330]QSSGSKPAAR	1
							2	EDDGASIVC[330]SVNHESLK	1
							3	EDDGASIVC[330]SVNHESLK	1
							3	EGQKLLLHC[339]EGR	1
							2	LLLHC[330]EGR	1
							3	EKDTATLNC[330]QSSGSKPAAR	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.99	3.10	0.39	0.00	1	1	2	LQAQDAGIYEC[330]HTPSTDTR	1
IKKE_HUMAN (Q14164) Inhibitor of nuclear factor kappa-B kinase epsilon subunit (EC 2.7.11.1) (I kappa-B kinase epsilon) (IkbKE) (IKK-epsilon) (IKK-E) (Inducible I kappa-B kinase) (IKK-i) [MASS=80462]	0.00	3.91	0.43	0.00	1	2	3	LLEELSHQLQDR	1
							2	GLHWVMEVLQATC[330]RR	1
IL1R1_HUMAN (P14778) Interleukin-1 receptor type I precursor (IL-1R-1) (IL-1RT1) (IL-1R-alpha) (p80) (CD121a antigen) [MASS=65402]	*	2.28	*	*	*	1	3	FWKNVRYHMPVQR	1
IL2_HUMAN (P60568) Interleukin-2 precursor (IL-2) (T-cell growth factor) (TCGF) (Aldesleukin) [MASS=17628]	0.91	33.99	1.39	0.00	1	2	3	M[147]YRM[147]QLLSC[339]IALSLALVTNSAPTSSSTKK GSETTFMC[339]EYADETATIVEFLNR	1 1

IMA7_HUMAN (O60684) Importin alpha-7 subunit (Karyopherin alpha-6) [MASS=60029]	*	3.92	*	*	*	1	3	YLVSLGC[339]IKPLC[330]DLLTVMDSK	1
IMB1_HUMAN (Q14974) Importin beta-1 subunit (Karyopherin beta-1 subunit) (Nuclear factor P97) (Importin 90) [MASS=97170]	0.82	2.17	0.48	0.00	1	1	2	IQFNDLQSLLC[330]ATLQNVLR	1
IMB3_HUMAN (O00410) Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) [MASS=123498]	*	1.28	*	*	*	1	3	FLFDSVSSQNVGLR	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	3.69	*	*	*	2	2	IDQLNRELAEQK	1
							2	ERPPEEVAARLAQKEK	1
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	0.00	2.28	1.21	0.00	1	3	2	RQGTAPPPMK	1
							2	QRYADLPGELHIIIELEKDK	1
							2	NC[330]GNSVRMLVAR	1
IP3KA_HUMAN (P23677) Inositol-trisphosphate 3-kinase A (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase A) (IP3K A) (IP3 3-kinase A) [MASS=51008]	*	11.28	*	*	*	4	1	DMYKK	1
							2	TM[147]VNLPVISPFKK	1
							3	NHWQKIRTM[147]VNLPVISPFK	1
							2	IRTM[147]VNLPVISPFKK	1
IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	0.21	10.68	0.21	0.00	1	5	3	TKSWGECQ[339]PETSGTDSGR	1
							3	YNQM[147]DDLLADFDSPC[330]VM[147]DC[339]KMGIR	1
							3	SGGGPGPSGSETPPPPR	1
							2	M[147]AVYC[330]YALNSLVIM[147]NSANEM[147]K	1
							3	MIEVDPEAPTEEEKAQRAVTK	1
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	*	2.41	*	*	*	1	3	DQM[147]EYMLQNHVFLFSSELGYM[147]RAR	1
IQEC2_HUMAN (Q5JU85) IQ motif and Sec7 domain-containing protein 2 [MASS=161735]	0.00	3.18	2.18	0.00	1	2	3	DVAQC[339]HLHHENPALGRER	1
							3	DVLDC[339]JVDEMDFSSMDLDDALRKFSHIR	1
IRAK2_HUMAN (O43187) Interleukin-1 receptor-associated kinase-like 2 (IRAK-2) [MASS=65270]	0.00	7.46	1.73	0.23	2	3	3	DLLLSEIPSTASLC[330]SRK	1
							2	SMERVQGVSITR	1
							3	LAHPM[147]AHLC[339]PVNKR	1
ITA1_HUMAN (P56199) Integrin alpha-1 (Laminin and collagen receptor) (VLA-1) (CD49a antigen) [MASS=127837]	*	8.34	*	*	*	5	3	QHNSC[339]TTENKNEPC[339]GAR	1
							3	SIASEPTEKHFFNVSDALVTVK	1
							2	DSC[330]ESNHNITC[330]KVGYPFLR	1
							2	IVQRGGRQTMTALGTD TAR	1
							3	DSC[330]ESNHNITC[330]KVGYPFLR	1
							3	KVM[147]VIVTDGESHDNHR	1

ITA5_HUMAN (P08648) Integrin alpha-5 precursor (Fibronectin receptor subunit alpha) (Integrin alpha-F) (VLA-5) (CD49e antigen) [Contains: Integrin alpha-5 heavy chain; Integrin alpha-5 light chain] [MASS=114536]	*	4.48	*	*	*	2	2	GLELDPEGSLHHQQKREAPSR	1
							2	SLQWFGATVRAHGSSILAC[330]APLYSWR	1
ITAX_HUMAN (P20702) Integrin alpha-X precursor (Leukocyte adhesion glycoprotein p150,95 alpha chain) (Leukocyte adhesion receptor p150,95) (Leu M5) (CD11c antigen) [MASS=127886]	*	5.42	*	*	*	2	3	SAFEC[339]REQVVSEQTLVQSNIC[339]LYIDKR	1
							3	IAGSQLSSRLQYFGQALSGGQDLTQDGLVDLAVGAR	1
ITB7_HUMAN (P26010) Integrin beta-7 precursor [MASS=86903]	*	4.01	*	*	*	1	3	PGEPQQLQVRFLRAEGYPVDLYYLM[147]DLSYSMK	1
ITB8_HUMAN (P26012) Integrin beta-8 precursor [MASS=85632]	*	4.16	*	*	*	1	3	ISGNIDTPEGGFDAAMLQAAVC[339]ESHIGWRKEAK	1
ITIH1_HUMAN (P19827) Inter-alpha-trypsin inhibitor heavy chain H1 precursor (ITI heavy chain H1) (Inter-alpha-inhibitor heavy chain 1) (Inter-alpha-trypsin inhibitor complex component III) (Serum-derived hyaluronan-associated protein) (SHAP) [MASS=101388]	0.00	2.52	1.03	0.00	1	2	2	SLKVNC[330]KVTSR	1
							3	ERGHM[147]LENHVER	1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	*	10.46	*	*	*	1	3	TKNGVVYQTFC[339]DM[147]TSGGGGWTLVASVHENDMRGK	1
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	*	6.21	*	*	*	6	1	QSPDSGR	1
							2	QGPVSPGPAPPPSFIMSYK	1
							3	AMSWQDRARQALATDELSSALAK	1
							2	TTC[330]FLSALTC[330]SC[339]NPER	1
							2	ILDLYALSKIVASK	1
							3	ILQATHPPSEDRFLHIMEDDSM[147]EEKPLK	1
JAG1_HUMAN (P78504) Jagged-1 precursor (Jagged1) (hJ1) (CD339 antigen) [MASS=133798]	0.00	3.53	*	*	*	2	3	DHC[339]RTTPC[339]EVIDSC[330]TVAM[147]ASNDTPEGVR	1
							2	RDGNSSLIAAAVEVR	1
JHD1A_HUMAN (Q9Y2K7) JmjC domain-containing histone demethylation protein 1A (EC 1.14.11.-) (F-box/LRR-repeat protein 11) (F-box and leucine-rich repeat protein 11) (F-box protein FBL7) (F-box protein Lilina) [MASS=132792]	0.00	3.27	2.40	0.00	1	2	2	LDLSHC[339]SHLTDQSSNLLTAVGSSTR	1
							2	VPTIPITKPHTMK	1

JOS1_HUMAN (Q15040) Josephin-1 (Josephin domain-containing 1) [MASS=23198]	0.00	3.96	1.24	0.00	1	1	2	RQHWIC[339]VR	1
							3	SSADSNMDDIC[330]KLLR	1
							2	NLGMVC[339]R	6
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	*	3.36	*	*	*	3			
							3	YSAARSSADSNMDDIC[330]K	1
K0406_HUMAN (O43156) Protein KIAA0406 [MASS=122069]	0.00	5.79	1.02	0.00	1	3	3	VRLELVELVEDLLKLC[339]SQSLVEC[339]AGPLLK	1
							3	LGFVLSLLGLAEQEKS	1
							3	DFC[339]LLLM[147]SALYPVLEK	1
K0552_HUMAN (O60299) Protein KIAA0552 [MASS=71790]	*	9.81	*	*	*	3	2	QLQEEAARLM[147]R	1
							3	QAGVAAAASLVSDGEAEAGGESGTR	1
							3	PSELGPPDPRLAM[147]GSVSGVAHAQEFAMK	1
K0690_HUMAN (Q5JTH9) Protein KIAA0690 [MASS=143701]	*	4.09	*	*	*	3	1	EATTLHMLTLLK	1
							2	GC[339]QAEADRAEVS	1
							3	EAEELLEIPPQYQAGSGIHRPVAKK	1
K1196_HUMAN (Q96KM6) Zinc finger protein KIAA1196 [MASS=97263]	0.00	3.36	0.14	0.00	1	2	2	MKDDLVPETARLNYTR	1
							2	RAADSLDTC[330]PIPPK	1
K6PF_HUMAN (P08237) 6-phosphofructokinase, muscle type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme A) (PFK-A) (Phosphofructokinase-M) [MASS=85051]	0.00	6.16	1.03	0.00	1	3	2	GITNLC[330]VIGGDGSLTGADTFR	1
							3	KRALVFQPVAEK	1
							2	MGAKAMNWMMSGKIK	1
K6PL_HUMAN (P17858) 6-phosphofructokinase, liver type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme B) (PFK-B) [MASS=84917]	0.99	2.44	0.81	0.00	1	1	2	C[330]HDYYTTEFLYNLYSSEGK	1
K6PP_HUMAN (Q01813) 6-phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	*	7.53	*	*	*	2	3	FLEHLSGAGKAIGVLTSGGDAQGM[147]NAAVRAVVR	1
							3	THSINALLIIGFEAYLGLELSAAR	1

KBL_HUMAN (O75600) 2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial precursor (EC 2.3.1.29) (AKB ligase) (Glycine acetyltransferase) [MASS=45285]	0.00	5.01	*	*	*	1	2	ALGGASGGYTTGPGPLVSLLR	1
KBTB9_HUMAN (Q96CT2) Kelch repeat and BTB domain-containing protein 9 [MASS=71468]	0.00	2.60	1.44	0.00	1	1	2	EFEVHQNVLASC[339]SLYFK	1
KC1AL_HUMAN (Q8N752) Casein kinase I isoform alpha-like (EC 2.7.11.1) (CKI-alpha-like) (CK1) [MASS=39072]	*	8.31	*	*	*	1	3	GFPAEFAM[147]YLNVC[339]RGLRFEEVPDYMYLR	1
							3	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							2	QETVDC[330]LKK	2
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	19.04	0.64	0.11	14	5	2	STVASC[339]M[147]HR	2
							2	QETVDC[339]LKK	1
							2	STVASC[330]MHR	2
							2	C[339]VKVLAGEYAAKIINTK	1
							3	EYYSEADASHC[339]IQQILEAVLHC[339]HQM[147]GVVHR	1
							3	MC[330]DPGMTAFEPEALGNLVEGLDFHR	1
							2	STVASC[330]M[147]HR	3
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	13.55	0.89	0.02	3	4	3	SRGAPAC[339]PSPAPFSPLPAPSPRISDILNSVR	1
							2	WQNVHFHC[330]SGAPVAPLQ	1
							3	RSGGTPEAEAPRQWPPPC[339]PSPTIPGPLPTPSR	1
							2	LC[339]TGHEYAAK	1
							2	LC[330]TGHEYAAK	1
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	0.00	2.20	*	*	*	1	2	PENLLASKSK	1

KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al [MASS=137559])	0.00	5.34	3.01	0.00	1	4	3	ADLRAVNINLC[339]DMC[339]VILSANQNNIDDTSLQDK	1
							2	RPKMSIYK	1
							2	MDALIIPVTMEVPC[339]DSR	1
							2	SWLGLRFLR	1
KCNB2_HUMAN (Q92953) Potassium voltage-gated channel subfamily B member 2 (Voltage-gated potassium channel subunit Kv2.2) [MASS=102562]	*	1.43	*	*	*	1	2	ARGPPFLTLSREK	1
KCNG4_HUMAN (Q8TDN1) Potassium voltage-gated channel subfamily G member 4 (Voltage-gated potassium channel subunit Kv6.4) [MASS=58979]	0.00	5.01	2.24	0.00	1	1	3	LC[339]RSYEEIVQLC[339]DDYDEDSQEFFFDR	1
KCNV2_HUMAN (Q8TDN2) Potassium voltage-gated channel subfamily V member 2 (Voltage-gated potassium channel subunit Kv8.2) [MASS=62459]	0.00	4.77	1.12	0.00	1	1	3	DPAVFQLVYNFYLSGVLLVLDGLC[339]PR	1
							2	FC[339]TGLTQIETLFK	1
							2	FC[330]TGLTQIETLFK	1
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	15.75	0.75	0.12	5	4	2	GFC[330]LPPHC[330]SR	2
							3	LAVEALSSLDGDLAGR	1
							3	LRFPAEDEFPDLSAHNNHMAK	1
							1	FC[330]TGLTQIETLFK	1
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	6.21	*	*	*	2	2	LGYILTC[330]PSNLGTGLR	1
							2	GLSLPPAC[339]TR	1

							2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[330]ER	3
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.19	0.04	13	2	3	SEVELVQLVIDGVNYLIDC[330]ER	1
							3	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[339]ER	3
							3	SEVELVQLVIDGVNYLIDC[339]ER	3
							2	HNNC[339]M[147]ASHLTPAVYAR	1
KCTD5_HUMAN (Q9NXV2) Potassium channel tetramerization domain-containing protein 5 [MASS=26092]	*	10.68	*	*	*	1	3	GGIGAGLGGGLC[330]RRC[330]SAGLGALAQR	1
KGP1B_HUMAN (P14619) cGMP-dependent protein kinase 1, beta isozyme (EC 2.7.11.12) (cGK 1 beta) (cGKI-beta) [MASS=77803]	*	4.96	*	*	*	1	3	QAISAEPTAFDIQDLSHVTLFPYPKSPQSKDLIK	1
KI13A_HUMAN (Q9H1H9) Kinesin-like protein KIF13A (Kinesin-like protein RBKIN) [MASS=202258]	*	1.77	*	*	*	1	3	PVQHSGTLP[147]VEAILSVSIGC[330]VTARSTKLQR	1
KI13B_HUMAN (Q9NQT8) Kinesin-like protein KIF13B (Kinesin-like protein GAKIN) [MASS=202665]	0.00	3.78	15.05	0.00	1	3	3	TVAATNMNEESSRSHAVLKITLHTLYDAK	1
							2	LHVEVMRLSGDVGER	1
							3	SYTM[147]M[147]GTADQPGLIPRLC[339]SGLFER	1
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY-REN-62 antigen) [MASS=187178]	*	3.11	*	*	*	3	2	IPVARVQALPTPATNGNRK	1
							2	KSNIRIHEDSTGGIYTVGVTTTR	1
							2	DLLQQVPNAHK	1
							3	RIEPAEELNSNDM[147]KTNK	1
							2	AHTEKVHVPARPYR	1
							3	DSVAQGTTNVHSSEHAGRNGRNAADPISGDFK	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	*	4.15	*	*	*	7	2	ELFQTPGPSEESMTDEK	1
							3	QDKTEAEQQITEVFVLAERIEINR	2
							3	VSGNPQVHIKNVK	1
							2	ITEGKVSGNPQVHIKNVK	1

KIF11_HUMAN (P52732) Kinesin-like protein KIF11 (Kinesin-related motor protein Eg5) (Kinesin-like spindle protein HKSP) (Thyroid receptor-interacting protein 5) (TRIP5) (Kinesin-like protein 1) [MASS=119273]	*	4.54	*	*	*	4	2	M[147]ASQPNSSAKKK	1
							2	DVSGLHSLDRK	1
							2	TQELETTQKHLQETK	1
							2	GINTLERSK	1
KIF6_HUMAN (Q6ZMV9) Kinesin-like protein KIF6 [MASS=92539]	0.00	6.76	1.09	0.00	1	2	3	NSM[147]M[147]TSVLRDSLGGNC[330]MTTM[147]IATLSLEKR	1
							3	ILENNTVSSESKDQDC[339]QEPLKEEEYR	1
KLF17_HUMAN (Q5JT82) Krueppel-like factor 17 (Zinc finger protein 393) [MASS=42577]	*	13.62	*	*	*	2	3	KHTGERPYSC[330]NWESC[339]SWSFFR	1
							3	M[147]IYC[339]QRM[147]SPPQQEM[147]TIFSGPQLMPVGEPNIPR	1
KLF4_HUMAN (O43474) Krueppel-like factor 4 (Epithelial zinc-finger protein EZF) (Gut-enriched krueppel-like factor) [MASS=50078]	*	2.98	*	*	*	1	2	RTATHTC[330]DYAGC[339]GK	1
KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	0.00	2.63	0.76	0.00	1	4	1	KLQGQIK	1
							2	AVIFIRENATLLHKVFNC[330]R	1
							2	TKYFQM[147]LK	1
							3	QYIQLELPAFALAC[330]LM[147]LM[147]PHSEK	1
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	*	3.43	*	*	*	1	3	LTDFNFLM[147]VLGKGSFGKVMLADR	1
KPCB_HUMAN (P05771) Protein kinase C beta type (EC 2.7.11.13) (PKC-beta) (PKC-B) [MASS=76737]	0.00	4.03	0.89	0.00	1	2	2	RC[330]VM[147]NVPSLC[339]GTDHTER	1
							2	C[339]DTC[339]M[147]M[147]NVHK	1
KPCD_HUMAN (Q05655) Protein kinase C delta type (EC 2.7.11.13) (nPKC-delta) [MASS=77477]	*	6.21	*	*	*	2	2	LLAEALNQVTQRASR	1
							3	VIQIVLM[147]RAAEEPVSSEVTGVSVAER	1
KPCE_HUMAN (Q02156) Protein kinase C epsilon type (EC 2.7.11.13) (nPKC-epsilon) [MASS=83673]	0.00	6.11	1.65	0.00	1	3	3	AASSPDGQLM[147]SPGENGEVRQGQAKR	1
							3	RC[339]ETNVAPNC[339]GVDAR	1
							1	VFRER	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.99	3.21	1.16	0.00	1	1	2	AGKPVIC[330]ATQM[147]LESM[147]IK	1
KR108_HUMAN (P60410) Keratin-associated protein 10-8 (Keratin-associated protein 10.8) (High sulfur keratin-associated protein 10.8) (Keratin-associated protein 18-8) (Keratin-associated protein 18.8) [MASS=26318]	*	11.20	*	*	*	1	3	M[147]ADAC[330]C[330]TRTYVIAASTM[147]SVC[330]SSDVGRVSR	1

KREM2_HUMAN (Q8NCW0) Kremen protein 2 precursor (Kringle-containing protein marking the eye and the nose) (Kringle domain-containing transmembrane protein 2) (Dickkopf receptor 2) [MASS=48849]	0.00	2.38	*	*	*	2	1 1	SLISAL GHQNR	1 1
KRHB1_HUMAN (Q14533) Keratin, type II cuticular Hb1 (Hair keratin, type II Hb1) (ghHkb1) (ghHb1) (MLN 137) [MASS=54971]	*	2.38	*	*	*	1	2	ATAENEFVALKK	1
KRHB3_HUMAN (P78385) Keratin, type II cuticular Hb3 (Hair keratin, type II Hb3) [MASS=54214]	*	3.65	*	*	*	1	2	PC[339]GQLNTTC[339]GGGSC[339]GQGR	1
KRIT1_HUMAN (O00522) Krev interaction trapped protein 1 (Krev interaction trapped 1) (Cerebral cavernous malformations 1 protein) [MASS=84347]	*	2.04	*	*	*	1	2	SKAPHWTNRILHEYK	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	*	7.72	*	*	*	3	2 2 2	KLIHLIPGFTALHR PPGTPPPSSRKLIHLIPGFTALHR TQPAEAIWQM[147]GTGMKPNLSQIGMGK	1 1 1
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	0.98	1.43	0.68	0.00	1	2	1 2	EMAPEK C[339]EASGKPEVQFR	1 1
LAMA2_HUMAN (P24043) Laminin alpha-2 chain precursor (Laminin M chain) (Merosin heavy chain) [MASS=342769]	0.00	1.61	0.07	0.00	1	3	3 3 2	C[339]IC[339]PPNTIGEKC[330]SK IRTLNADLMM[147]FAHKDPR GYTGYPDC[330]KAC[330]NC[330]SGLGSK	1 1 1
LANC1_HUMAN (O43813) LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40) [MASS=45283]	0.00	5.51	1.12	0.00	1	1	2	IPQSHIQQIC[339]ETILTSGENLAR	1
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.00	10.67	2.68	0.00	1	2	2 3	KQYVGAAGHM[147]AGIYYMLM[147]QPAAK TADPHDC[339]SAYTGWTGIALLYLQLYR	1 1
LASS4_HUMAN (Q9HA82) LAG1 longevity assurance homolog 4 [MASS=46399]	*	3.30	*	*	*	1	2	MLYSFMKKGQMEK	1
LASS6_HUMAN (Q6ZMG9) LAG1 longevity assurance homolog 6 [MASS=44890]	0.00	5.21	0.68	0.00	1	1	3	FQKMC[330]DLLFVMFAVVFITTR	1
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	*	8.25	*	*	*	2	2 3	M[147]KSGQM[147]FAKEDLK NFLIKRIGDVLVNQFSGENAER	1 1

LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	0.00	6.85	5.77	0.00	1	3	3	HC[339]RVSQFHLLSRDC[330]DSEWK	1
							3	AVRHC[339]VRAFLEQIGAPQAALR	1
							1	LYHTM[147]TR	1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.00	10.84	*	*	*	3	2	VIGSGC[330]NLDSAR	1
							1	DLNPDIGTDK	1
							3	GETMDLQHGSPFM[147]K	1
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	6.01	0.65	0.13	2	1	2	GM[147]YGIENEVFLSLPC[330]JLNAR	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	20.15	0.67	0.04	3	2	2	DSNNLC[330]LHFNPR	1
							2	FNAHGDANTIVC[330]NSK	1
							2	FNAHGDANTIVC[339]NSK	1
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	*	7.31	*	*	*	3	3	LEATLQEEAAIQQEHREK	1
							2	VIELVDKEDVHISTSQVAEIVATLEK	1
							3	M[147]ASILLRSC[330]R	1
LGR6_HUMAN (Q9HBX8) Leucine-rich repeat-containing G-protein coupled receptor 6 (VTS20631) [MASS=89301]	0.26	3.14	2.05	0.00	1	1	3	SVLLVVLPLPAC[339]LNPLLYLLFNPHFR	1
LICH_HUMAN (P38571) Lysosomal acid lipase/cholesteryl ester hydrolase precursor (EC 3.1.1.13) (LAL) (Acid cholesteryl ester hydrolase) (Sterol esterase) (Lipase A) (Cholesteryl esterase) [MASS=45419]	0.00	5.01	1.24	0.00	1	1	2	M[147]FFALGPVASVAFC[339]TSPM[147]AK	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	1.00	4.56	0.97	0.07	2	4	3	ALYEHLTAKNTKLDDLFLK	1
							2	ISIM[147]AERLANQFAIYK	1
							2	C[339]GAIAEQTPILLFLLR	1
							1	SYVSEK	1
							2	C[330]GAIAEQTPILLFLLR	1
LPP_HUMAN (Q93052) Lipoma-preferred partner (LIM domain-containing preferred translocation partner in lipoma) [MASS=65746]	*	1.31	*	*	*	1	2	PIM[147]ERILR	1

LRC21_HUMAN (Q9P2V4) Leucine-rich repeat-containing protein 21 precursor (Photoreceptor-associated LRR superfamily protein) (Retina-specific protein PAL) [MASS=68040]	*	6.26	*	*	*	2	2	YVAC[330]VC[339]VQGLVPRK	1
							3	SLLGGTALLRC[339]GATGVPGPEMSWRR	1
LRC27_HUMAN (Q9C0I9) Leucine-rich repeat-containing protein 27 [MASS=60089]	0.00	6.23	0.84	0.00	1	2	2	LGLTLNKDR	2
							2	HC[330]PLEFPPQLVVQKGLVAIQRFLR	1
LRC47_HUMAN (Q8N1G4) Leucine-rich repeat-containing protein 47 [MASS=63472]	0.99	5.66	0.65	0.38	2	2	2	LFTLPLLHYLEVSGC[330]GSLR	1
							3	GPLLYC[330]ARPPQDLK	1
LRC8C_HUMAN (Q8TDW0) Leucine-rich repeat-containing protein 8C (Protein AD158) [MASS=92391]	0.00	5.48	1.29	0.00	1	3	3	YFPYLVIHTLVFMLC[339]SNFWFK	1
							2	FVVDKSTAGALDKK	1
							1	STAGALDK	1
LRIG1_HUMAN (Q96JA1) Leucine-rich repeats and immunoglobulin-like domains protein 1 precursor (LIG-1) [MASS=119052]	0.00	4.67	0.69	0.57	2	4	2	LC[330]AGSAYHK	1
							2	QVTFGHEGR	2
LRMP_HUMAN (Q12912) Lymphoid-restricted membrane protein (Protein Jaw1) [MASS=62092]	*	5.59	*	*	*	1	2	DASHFPEPDTHSVAC[330]R	1
							2	RM[147]HVM[147]PDDDVFFITDVK	1
LRP1_HUMAN (Q07954) Low-density lipoprotein receptor-related protein 1 precursor (LRP) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD91 antigen) [MASS=504573]	0.99	3.96	0.69	0.08	2	9	3	EEDTRSASPTIEAQGTSPAHDNIAFQDSTSK	1
							3	IFVC[339]NRNGDTC[330]VTLLDLELYNPK	1
							3	C[339]QPRYTGDKC[330]ELDQC[330]WEHC[330]R	1
							2	ELQGNC[339]SR	1
							3	ILWIDARSDAIYSARYDGSGHM[147]EVL	1
							3	GRGQRAC[330]AC[330]AHGMLAEDGASC[330]R	1
							3	C[339]DGERDC[339]PDGSDEAPEIC[339]PQSK	1
							3	C[330]LC[339]VEGYAPRGDPHSC[339]K	1
							3	C[339]DGERDC[330]PDGSDEAPEIC[339]PQSKAQR	1
							3	RILWIDARSDAIYSAR	1
							1	STSLKVK	5
LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	0.00	3.53	0.64	0.00	1	2	2	EGGLYTC[330]IATNLVGADLK	1
LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	0.99	6.80	0.63	0.00	1	1	3	IQKVDVYDEGSYTC[330]SVQTQHEPK	1

LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	0.00	6.48	0.34	0.00	1	2	3	TLPELC[330]SPQDELDFLM[147]EALIISK	1
							3	PPGPLVLMVAVVATSTLSLLMVC[339]GVLILVKQKK	1
LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.97	20.71	0.66	0.00	1	2	2	DHSVNKMC[330]ASSC[330]DFVK	1
							2	QC[339]QPSDTV[339]ASVR	1
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	1.00	17.57	0.85	0.00	2	3	3	LTGADGTPPGFLLKAVIGM[147]TAGATGAFVGTAEVALIR	1
							2	GC[330]IPTM[147]AR	1
							1	M[147]QLSGEGAK	1
							2	GC[339]IPTM[147]AR	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	*	1.16	*	*	*	1	2	SPWRGEYKEPR	1
M3K4_HUMAN (Q9Y6R4) Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEKK 4) (MAP three kinase 1) [MASS=181550]	0.00	1.18	0.29	0.00	1	1	3	GGEAQAGKLC[330]DIAGMLLK	1
M3K5_HUMAN (Q99683) Mitogen-activated protein kinase kinase kinase 5 (EC 2.7.11.25) (MAPK/ERK kinase kinase 5) (MEK kinase 5) (MEKK 5) (Apoptosis signal-regulating kinase 1) (ASK-1) [MASS=154536]	0.00	2.91	0.48	0.00	1	3	2	QELVDFWM[147]DFLVEATK	1
							2	VYC[330]C[330]DSSFM[147]K	1
							2	C[339]LRLRGGMCLC[339]TLWK	1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	0.00	1.77	1.98	0.00	1	5	3	TGSLEEMTQRLR	1
							3	ATSSETKESTDIEKAILEQQVLSEELTTK	1
							2	MEEVHKEANSVLQWLESK	1
							2	LEAMNQC[339]WESVLQK	1
							3	QRVNSGC[339]VM[147]M[147]ENKLEGIGQFHC[339]R	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	0.00	0.39	*	*	*	2	2	EMTSSEK GK	1
							2	EYPDREDC[330]TTEK GK	1
MAML3_HUMAN (Q96JK9) Mastermind-like protein 3 (Mam-3) [MASS=121692]	0.00	4.85	*	*	*	2	3	SGAGTGKQQHPSKPQQDAEASAEQR	1
							3	TTMNNYLPQNHMMN[147]INQQPNNLGTNSLNK	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	1.00	3.15	1.14	0.00	2	1	2	FGINC[330]LIQFEDFANANA FR	1
							2	FGINC[339]LIQFEDFANANA FR	1

MAP1B_HUMAN (P46821) Microtubule-associated protein 1B (MAP 1B) [Contains: MAP1 light chain LC1] [MASS=270618]	*	2.23	*	*	*	3	2	TPVQDHR	1
							3	SGKQGSPDQVSPVSEM[147]TSTSLYQDK	1
							3	HPDVSMVDPEALAIEQNLGKALK	1
MASP2_HUMAN (O00187) Mannan-binding lectin serine protease 2 precursor (EC 3.4.21.104) (Mannose-binding protein-associated serine protease 2) (MASP-2) (MBL-associated serine protease 2) [Contains: Mannan-binding lectin serine protease 2 A chain; Mannan-b [MASS=75685]	0.00	11.81	3.28	0.00	1	3	3	IHYTSTAHAC[330]PYPMAPPNGHVSPVQAK	1
							3	YILKDSFSIFC[330]ETGYELLQGHLPLK	1
							3	C[339]TAAYEKPPYPRGSVTANM[147]LC[339]AGLESGGK	1
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	0.66	5.42	0.15	0.00	1	3	2	ATGTFDNEIVMM[147]NHVYR	1
							3	LALADGVLGFIHHQIVELARDC[330]LAKSGENLVTSR	1
							3	ERLHQLPFQPTDELHFLSK	1
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	*	6.02	*	*	*	3	1	KDGSASAAAK	1
							2	SQESGYIDRM[147]DYEDDRLR	1
							3	SQAFIEMETREDAMAMVDHC[330]LKK	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	0.96	4.09	1.65	0.00	1	2	2	GTHFVQLC[339]C[339]QR	1
							3	QMKALVNQLHER	1
MCE1_HUMAN (O60942) mRNA capping enzyme (HCE) (HCAP1) [Includes: Polynucleotide 5'-triphosphatase (EC 3.1.3.33) (mRNA 5'-triphosphatase) (TPase); mRNA guanylyltransferase (EC 2.7.7.50) (GTP--RNA guanylyltransferase) (GTase)] [MASS=68556]	0.00	8.38	1.26	0.00	1	3	3	C[339]TAASQGQKR	1
							3	C[339]DDILKWKPPSLNSVDFR	1
							3	YLIYDIIFNSQPVGDC[339]DFNVR	1
MDGA1_HUMAN (Q8NFP4) MAM domain-containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	*	1.88	*	*	*	2	1	RLLVTR	1
							2	PRPPVLWSRVDK	1

MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.86	2.10	0.57	0.02	2	1	2	AIC[330]DHVR	2
							3	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
							2	TIIP LISQC[339]TPK	1
							2	EGVVEC[339]SFVK	1
							2	SQETEC[339]TYFSTPLLLGK	1
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	26.92	1.19	0.07	10	6	2	GYLGPEQLPDC[339]LK	1
							2	GYLGPEQLPDC[330]LK	1
							2	TIIP LISQC[330]TPK	1
							2	GC[330]DVVVIPAGVPR	1
							2	GC[339]DVVVIPAGVPR	2
MEGF8_HUMAN (Q7Z7M0) Multiple epidermal growth factor-like domains 8 (EGF-like domain-containing protein 4) (Multiple EGF-like domain protein 4) [MASS=254572]	*	2.98	*	*	*	4	2	LDGGQLVWETLMDSR	1
							3	VSIVRSTTITLTPSAETDVSLVYR	1
							2	NC[330]STEC[330]RC[330]NRHSEC[330]AGVGAR	1
							3	LLALTLPPDPC[339]R	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	0.00	7.06	0.84	0.00	1	2	2	IYC[330]PPEASVLLASYAVQAK	1
							3	QPKTFTVRIVTMDAEMEFNC[330]EM[147]K	1
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	6.74	0.71	0.00	1	2	3	FEEC[339]ISQSAVKTKFEQHTVR	1
							3	TSNGKSTVINAM[147]LWDKVLPSGIGHTTNC[330]FLR	1
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	15.79	1.28	0.01	2	1	2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
MICA2_HUMAN (O94851) Protein MICAL-2 [MASS=126688]	*	1.78	*	*	*	2	2	LDKRGSHK	1
							2	VDGQTGENDMNK	1
MIER1_HUMAN (Q8N108) Mesoderm induction early response protein 1 (Mi-er1) (hmi-er1) (Early response 1) (Er1) [MASS=60653]	*	5.60	*	*	*	1	3	LLDESESAASSRAPSPPTASNSSNSQSEK	1

Protein Name	0.98	0.90	0.29	0.00	1	1	2	Sequence	1
MINK1_HUMAN (Q8N4C8) Misshapen-like kinase 1 (EC 2.7.11.1) (Mitogen-activated protein kinase kinase kinase kinase 6) (MAPK/ERK kinase kinase kinase 6) (MEK kinase kinase 6) (MEKKK 6) (Misshapen/NIK-related kinase) (GCK family kinase MiNK) [MASS=149808]	0.98	0.90	0.29	0.00	1	1	2	KFIDFIDTC[330]LIK	1
MIOX_HUMAN (Q9UGB7) Inositol oxygenase (EC 1.13.99.1) (Myo-inositol oxygenase) (Aldehyde reductase-like 6) (Renal-specific oxidoreductase) (Kidney-specific protein 32) [MASS=33009]	0.00	6.32	0.00	0.00	1	1	3	DYQQLC[330]SQQDLAMLPWVR	1
MK01_HUMAN (P28482) Mitogen-activated protein kinase 1 (EC 2.7.11.24) (Extracellular signal-regulated kinase 2) (ERK-2) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2) (p42-MAPK) (ERT1) [MASS=41258]	1.00	11.70	0.80	0.00	1	2	3 3	HYLDQLNHILGILGSPSQEDLNC[330]IINLK AAAAAGAGPEM[147]VR	1 1
MKNK2_HUMAN (Q9HBH9) MAP kinase-interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (MAP kinase signal-integrating kinase 2) (Mnk2) [MASS=51875]	*	6.45	*	*	*	1	3	RHFNELEASVVVQDVASALDFLHNKGIAHR	1
MLL2_HUMAN (O14686) Myeloid/lymphoid or mixed-lineage leukemia protein 2 (ALL1-related protein) [MASS=564181]	*	3.59	*	*	*	7	3 3 2 3 3 3 3	PMQNNTGPQPPKPGPVLQSGQGLPGVGIMPTVGQLR LSPPEELPASPLPEALHLSR FPTAPPTYPPYPSPTGAPAQPPMLGASSR HPSPC[339]QFTIATPKVEPAPAANSLGLGLK LAGLEQKLQGTPSNK ADTPGPEDGGVKASPVPSDPEKPGTPGEGM[147]LSSDLDR REANGEPIGAPGTSNHLLLAGPR	1 1 1 1 1 1 1
MLP3A_HUMAN (Q9H492) Microtubule-associated proteins 1A/1B light chain 3A precursor (MAP1A/MAP1B LC3 A) (MAP1A/1B light chain 3 A) (MAP1 light chain 3-like protein 1) (Microtubule-associated protein 1 light chain 3 alpha) (Autophagy-related protein LC3 A) [MASS=14272]	*	14.88	*	*	*	1	2	DEDGFLYM[147]VYASQETFGF	1

MMP19_HUMAN (Q99542) Matrix metalloproteinase-19 precursor (EC 3.4.24.-) (MMP-19) (Matrix metalloproteinase RASI) (MMP-18) [MASS=57357]	0.00	5.71	3.51	0.00	1	2	2 3	M[147]NC[339]QQLWLGFLLPMTVSGR NISHNWMHC[339]R	1 1
							1	TFPGIPK	11
MMP3_HUMAN (P08254) Stromelysin-1 precursor (EC 3.4.24.17) (Matrix metalloproteinase-3) (MMP-3) (Transin-1) (SL-1) [MASS=53977]	0.00	4.19	*	*	*	2			
							3	GNQFWAIRGNEVR	1
MMP8_HUMAN (P22894) Neutrophil collagenase precursor (EC 3.4.24.34) (Matrix metalloproteinase-8) (MMP-8) (PMNL collagenase) (PMNL-CL) [MASS=53412]	0.00	3.64	0.44	0.00	1	1	2	C[330]GVPDSGGFMLTPGNPK	1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	*	4.86	*	*	*	1	2	VKGYENGNFVGPTIISNVKPNM[147]TC[330]YK	1
MOD5_HUMAN (Q9H3H1) tRNA isopentenyltransferase, mitochondrial precursor (EC 2.5.1.8) (Isopentenyl-diphosphate:tRNA isopentenyltransferase) (IPP transferase) (IPTase) (IPPT) (hGRO1) [MASS=52725]	0.00	8.78	0.69	0.00	1	2	3 2	EFHEYLITEGKC[339]TLETSNQLLKK VDDMLAAGLLEELRDFHR	1 1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	*	8.91	*	*	*	1	3	NATGMEVGWYRPPFSRVVHLYR	1
MORC3_HUMAN (Q14149) MORC family CW-type zinc finger 3 (Zinc finger CW-type coiled-coil domain protein 3) [MASS=107112]	*	2.56	*	*	*	1	3	KLPDGMDDLPEKWYC[339]SNNPDPQFR	1

MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	*	3.74	*	*	*	2	3 3	KM[147]PMENENHQVFSNPPK DQRQGSLLPEELEDQMPR	1 1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.97	1.66	1.14	0.00	1	1	2	FAC[330]FER	1
MPPA_HUMAN (Q10713) Mitochondrial-processing peptidase alpha subunit, mitochondrial precursor (EC 3.4.24.64) (Alpha-MPP) (P-55) [MASS=58253]	*	4.76	*	*	*	1	2	AKTQLTSMLMMNLESRPVIFEDVGR	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD [MASS=274274])	0.00	2.61	1.23	0.00	1	3	3	IFMFNVC[330]GTMPVC[330]GTILGK	1
							3	EYLFYLNVC[339]GETEIQFC[339]NKK	1
							3	GLVYMSIC[330]GENENC[339]PPGVGAC[339]FGQTR	1
MRC2_HUMAN (Q9UBG0) Macrophage mannose receptor 2 precursor (Urokinase receptor-associated protein) (Endocytic receptor 180) (CD280 antigen) [MASS=166654]	0.00	1.35	1.55	0.00	1	1	2	ISYHGSC[339]PQGLADSAWIPFR	1
MSAP_HUMAN (Q9Y2B0) MIR-interacting saposin-like protein precursor (Transmembrane protein 4) (Putative secreted protein ZSIG9) [MASS=20652]	*	5.49	*	*	*	1	2	IDSDISGTLK	1
MTCH1_HUMAN (Q9NZJ7) Mitochondrial carrier homolog 1 (Presenilin-associated protein) [MASS=41544]	0.00	10.03	*	*	*	1	3	MDGSGGGLGSGDNAPTTEALFVALGAGVTALSHPLLYVK	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	11.22	1.25	0.07	3	2	3	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	LC[339]SGVLGTVVHGK	1
							2	QVC[330]QLPGLFSYAQHIASIDGR	1
MTMR6_HUMAN (Q9Y217) Myotubularin-related protein 6 (EC 3.1.3.-) [MASS=71953]	*	3.06	*	*	*	1	2	ERDC[339]HDIYNSLLQLSKQAK	1
MTMRD_HUMAN (Q86WG5) Myotubularin-related protein 13 (SET-binding factor 2) [MASS=208463]	*	2.54	*	*	*	2	3	KC[330]VVPAGPPVVSIM[147]DKVTTVFNSAQR	1
							2	SQRHLRSRSPGIVSTNLPSYQK	1

MX2_HUMAN (P20592) Interferon-induced GTP-binding protein Mx2 (Interferon-regulated resistance GTP-binding protein MxB) (p78-related protein) [MASS=82088]	*	1.54	*	*	*	1	2	GTEKSVM[147]NVVR	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	*	0.70	*	*	*	1	2	TPC[339]GSQASTEILAPKA EK	1
MYCN_HUMAN (P04198) N-myc proto-oncogene protein [MASS=49561]	*	3.88	*	*	*	1	2	SSFLTLRDHVPELVKNEK	1
MYH9_HUMAN (P35579) Myosin-9 (Myosin heavy chain, nonmuscle IIa) (Nonmuscle myosin heavy chain IIa) (NMMHC II-a) (NMMHC-IIA) (Cellular myosin heavy chain, type A) (Nonmuscle myosin heavy chain-A) (NMMHC-A) [MASS=226400]	*	3.37	*	*	*	3	2 SM[147]EAEMIQLQEELAAER 2 YEILTPNSIPKGF M[147]DGKQAC[339]VLM[147]IK 2 IIGLDQVAGMSETALPGAFKTRK	1 1 1	
MYO5A_HUMAN (Q9Y4I1) Myosin-5A (Myosin Va) (Dilute myosin heavy chain, non-muscle) (Myosin heavy chain 12) (Myoxin) [MASS=215420]	*	1.94	*	*	*	2	3 VVFQAE EERNYHIFYQLC[330]ASAK 3 KVPLDMSLFLKLQK	1 1	
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	0.00	5.15	0.74	0.00	1	6	3 FGKYIDIHFNKR 2 VSSLGSGSDHVM[147]DAISQC[339]EQYAK 2 VYFPDDTDEAFEVESSTK 3 NFIHGGPPGYAPYC[330]EERLR 2 NYHV FYC[330]MLEGMS EDQKK 2 GTD TTMLHKLNSQHKL NANYIPPK 2 VALLEDVNR	1 1 1 1 1 1 2	
MYO9B_HUMAN (Q13459) Myosin-9B (Myosin IXb) (Unconventional myosin-9b) [MASS=243556]	*	2.69	*	*	*	4	2 DVLKITTC[339]VEMLIKEQMR 3 YTG MLETVRIR 3 QPTEQPQAMAVGKVSEET EK	1 4 1	
MYOTI_HUMAN (Q9UBF9) Myotilin (Titin immunoglobulin domain protein) (Myofibrillar titin-like Ig domains protein) (57 kDa cytoskeletal protein) [MASS=55395]	*	3.01	*	*	*	1	2 QSSIIIQPRQC[339]TEQR	1	
MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	*	0.61	*	*	*	1	1 SSSRIGLR	1	

							2	VC[339]GSNLLSIC[339]K	2
							3	M[147]YGVLPWNAFPGK	1
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	18.12	1.48	0.10	8	5	2	VC[330]GSNLLSIC[330]K	2
							2	VC[339]HC[339]LGK	1
							2	TTIC[339]GK	1
							2	TSASIGSLC[339]ADAR	2
MYST4_HUMAN (Q8WYB5) Histone acetyltransferase MYST4 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 4) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4) (Histone acetyltransferase MOZ2) (Monocytic leukemia zinc finger protein-related factor) (Histone acetyltransferase) [MASS=231343]	*	0.34	*	*	*	1	1	ERKTGFK	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	*	5.88	*	*	*	1	2	EM[147]FGYMK	1
NAC2_HUMAN (Q9UPR5) Sodium/calcium exchanger 2 precursor (Na(+)/Ca(2+)-exchange protein 2) [MASS=100367]	*	4.02	*	*	*	2	2	LEVIIIESYDFKNTVDKLIK	1
							2	EITITKANGETSVGTVR	1
NADE1_HUMAN (Q6IA69) Glutamine-dependent NAD(+) synthetase (EC 6.3.5.1) (NAD(+) synthase [glutamine-hydrolyzing]) (NAD(+) synthetase 1) [MASS=79293]	*	1.84	*	*	*	1	2	M[147]ALANEGNYRELK	1
NAL14_HUMAN (Q86W24) NACHT, LRR and PYD-containing protein 14 (Nucleotide-binding oligomerization domain protein 5) [MASS=124732]	0.00	2.20	0.31	0.00	1	2	2	SAM[147]NILHHELHPNC[330]K	1
							2	YVFYLNKR	1
NALP6_HUMAN (P59044) NACHT, LRR and PYD-containing protein 6 (PYRIN-containing APAF1-like protein 5) [MASS=98733]	0.00	5.94	*	*	*	2	3	ADAVDLAEQLAQFYGPPEPALEVARK	1
							3	DLSEALRAAPALTELGLLHNRLSEAGLR	1
NBEAL_HUMAN (Q6ZS30) Neurobeachin-like 1 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 17 protein) [MASS=150732]	*	3.81	*	*	*	3	2	ERKALEGMINNFGQTPC[330]QLLK	1
							2	NALHLFSINGK	1
							2	ALEGMINNFGQTPC[339]QLLK	1

NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	5.90	0.33	0.23	4	3	2	FFLC[330]QVAGDAK	1
							3	GPVEAKPEC[330]QETETKPAPAEVK	1
							1	FFLC[330]QVAGDAK	1
							2	KVDKNDEAEYIC[339]IAENK	1
NCALD_HUMAN (P61601) Neurocalcin delta [MASS=22114]	0.00	21.88	1.46	0.00	1	2	3	AEMLEIVQAIYKMVSSVMKMPPEDESTPEK	1
							2	DC[339]PSGHLSMEEFK	1
NDRG1_HUMAN (Q92597) Protein NDRG1 (N-myc downstream-regulated gene 1 protein) (Differentiation-related gene 1 protein) (DRG-1) (Reducing agents and tunicamycin-responsive protein) (RTP) (Nickel-specific induction protein Cap43) (Rit42) [MASS=42835]	*	15.48	*	*	*	3	3	TTLLKM[147]ADC[339]GGLPQISQPAK	1
							2	YFVQGMGYM[147]PSASM[147]TR	1
							3	LAEAFKYFVQGMGYMPSASMTRLM[147]R	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	0.84	11.32	0.67	0.00	1	2	2	YFLQGM[147]GYMASSC[330]MTRLSR	1
							3	C[330]PVM[147]LVVGDQAPHEDAVVEC[330]NSK	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	6.12	1.28	0.00	2	1	2	IHLC[339]QR	1
							2	IHLC[330]QR	1
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	0.99	13.91	1.75	0.11	2	1	2	TTGLVGLAVC[339]NTPHER	2
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	*	8.77	*	*	*	1	2	VKTDRPLPENPYHSR	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	19.15	1.27	0.04	5	4	2	QC[339]VDHYNEVK	1
							2	KQC[339]VDHYNEVK	1
							2	ITSAYLQDIENAYKK	1
							3	HFPEAGIHYPDSTTGDKPLATDYNGNC[339]SLEK	1
							2	KQC[330]VDHYNEVK	1
							2	QC[330]VDHYNEVK	1

NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	6.62	0.94	0.02	4	1	2	DYC[330]AHLIR	1
							3	DYC[330]AHLIR	1
							3	DYC[339]AHLIR	1
							2	DYC[339]AHLIR	1
							2	SLQDDPKLVLSMNVAK	5
NEBU_HUMAN (P20929) Nebulin [MASS=773208]	0.00	1.71	*	*	*	8	2	HFKYATQLM[147]NEK	1
							2	NQEMMSQIKYK	1
							2	VNKQISDILYKLEYNK	1
							2	GKMVGFQSLQDDPK	1
							1	M[147]VGFR	1
							3	NMMQIQSDNQYKADYADFM[147]K	1
							3	FM[147]TPYIAHSQKMQDLFSPNK	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	*	2.97	*	*	*	2	3	TNIIKVGDLGIAR	1
							3	PEERPSVRSILR	1
NF1_HUMAN (P21359) Neurofibromin (Neurofibromatosis-related protein NF-1) [Contains: Neurofibromin truncated] [MASS=319370]	*	1.41	*	*	*	3	3	LVSSKVIGRM[147]C[330]K	1
							3	LFDLVDGFAESTK	1
							3	FM[147]DRLLSLM[147]VC[330]NHEK	1
NF2L2_HUMAN (Q16236) Nuclear factor erythroid 2-related factor 2 (NF-E2-related factor 2) (NFE2-related factor 2) (Nuclear factor, erythroid derived 2, like 2) (HEBP1) [MASS=67826]	0.00	1.49	*	*	*	1	2	DGNVFLVPK	1
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	0.99	4.60	0.57	0.00	1	4	2	RGTTVQLEC[330]R	1
							1	FGTALSNR	1
							2	NGQGSNLDGGNYHVVYENGSLK	1
							2	AYLTVLADQATPTNRLAALPK	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NFI-B) (NF-1/B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	0.22	3.33	1.93	0.00	1	1	2	HPC[339]C[339]VLSNPDQKKGK	1

NHPX_HUMAN (P55769) NHP2-like protein 1 (High mobility group-like nuclear protein 2 homolog 1) (U4/U6.U5 tri-snRNP 15.5 kDa protein) (OTK27) (hSNU13) [MASS=14042]	0.34	22.05	0.73	0.00	1	1	3	GISEFIVM[147]AADAEPLEIILHLPLLC[330]EDK	1
NIFUN_HUMAN (Q9H1K1) NifU-like N-terminal domain-containing protein, mitochondrial precursor (NifU-like protein) (Iron-sulfur cluster assembly enzyme ISCU) [MASS=17937]	0.00	16.17	1.09	0.00	1	1	3	NVGSLDKTSKNVGTGLVGAPAC[339]GDVM[147]K	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	*	33.33	*	*	*	2	2 3	WLTIQSGEQPYK M[147]AGRC[330]HAFEKEWIEC[330]AHGIGYTR	1 1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	*	4.93	*	*	*	1	2	FSGGYPALMDC[330]M[147]NK	1
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	8.39	1.08	0.11	2	2	2 2	IC[339]QEVLPK LQFHNVKPEC[339]LEAYNK	1 1
NKRF_HUMAN (O15226) NF-kappa-B- repressing factor (NFKB-repressing factor) (Transcription factor NRF) (ITBA4 protein) [MASS=77672]	*	2.46	*	*	*	1	3	NEIQGRSAEEAYKQQIK	1
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	5.61	1.21	0.00	1	5	2 2 2 3 2	LRAYRPPSGEK YVKGRDR EPVGRIMFQLFSDIC[330]PK KQAFHWQPPLEFGEEEEIEDDKQVTQESK EASSSEEP RNKHAM[147]NPK	1 1 1 1 1
NLGN1_HUMAN (Q8N2Q7) Neuroligin-1 precursor [MASS=93835]	*	2.74	*	*	*	1	3	MLATKVGCC[330]NVSDTVELVEC[330]LQKK	1
NLTP_HUMAN (P22307) Nonspecific lipid- transfer protein (EC 2.3.1.176) (Propanoyl-CoA C-acyltransferase) (NSL-TP) (Sterol carrier protein 2) (SCP-2) (Sterol carrier protein X) (SCP-X) (SCP-chi) (SCPX) [MASS=58993]	0.00	9.14	0.53	0.00	1	3	2 2 3	IGGIFAFKVKDGP GGK KADC[339]TITM[147]ADSDFLALM[147]TGK RVFVVGVGMTKFVK	1 1 1

NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	4.33	0.89	0.08	4	4	2	LFAQQC[339]K	1
							2	PGIPYKQLTVGVPK	2
							2	KTC[339]DALQAK	1
							1	LFAQQC[330]K	2
NOP14_HUMAN (P78316) Probable nucleolar complex protein 14 [MASS=97668]	0.00	1.28	0.40	0.00	1	1	2	EANSIIITPGYGLC[330]AAK	1
							2	KTC[330]DALQAK	1
							2	C[330]NHPSLAEGNK	1
							2	EM[147]AAM[147]C[330]LGLAHSLSRYR	1
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	*	3.21	*	*	*	1	2		
NOS1_HUMAN (P29475) Nitric-oxide synthase, brain (EC 1.14.13.39) (NOS type I) (Neuronal NOS) (N-NOS) (nNOS) (Constitutive NOS) (NC- NOS) (bNOS) [MASS=160969]	0.00	5.86	0.29	0.00	1	4	2	FGC[330]ALM[147]EMRHPNSVQEERK	1
							2	QFDIQHKGM[147]NPC[339]PM[147]VLVFGC[339]RQSK	1
							2	SQAYAKTLC[330]EIFKHAFDAK	1
							3	M[147]EDHMFVGVQQIQPNVISVRLFK	1
NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]	0.00	4.69	1.58	0.00	1	4	3	GSPQLDC[339]GPPALQEM[147]PINQGGEGK	1
							3	GGGAC[339]LQARTWSVDLAARGGGAYSHC[330]R	1
							3	DQAGLAPADVAHQRNHWDLTLLEGAGPPEAR	1
							3	C[339]SC[330]PHSSPGPR	7
NP1L4_HUMAN (Q99733) Nucleosome assembly protein 1-like 4 (Nucleosome assembly protein 2) (NAP2) [MASS=42823]	0.25	11.47	0.73	0.00	1	3	3	ASGDGESLDEDESEFTLASDFEIGHFFRER	1
							2	C[330]AHIEAK	1
							2	RRINALK	1
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	0.00	1.10	2.47	0.00	1	1	2	YNC[339]EYSGPPKPLPK	1
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	6.38	0.46	0.09	5	1	2	AEDSGEYHC[339]VYHFVSAPK	1
							2	AEDSGEYHC[330]VYHFVSAPK	3
							3	AEDSGEYHC[330]VYHFVSAPK	1

NR4A3_HUMAN (Q92570) Orphan nuclear receptor NR4A3 (Nuclear hormone receptor NOR-1) (Neuron-derived orphan receptor 1) (Mitogen-induced nuclear orphan receptor) [MASS=68229]	*	4.95	*	*	*	1	3	YC[339]PTDQAAAGTDAEHVQQFYNNLLTASIDVSR	1
NRBP_HUMAN (Q9UHY1) Nuclear receptor-binding protein [MASS=59844]	0.00	10.09	*	*	*	2	2	PQQPQQEEVTSPVPPSVKTPTEPAEVETR	1
							3	LQEEKVRAVFDNLIQLEHLNIVK	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	0.00	5.41	0.48	0.00	1	3	3	VALVKVLDKWPLR	2
							3	QM[147]HNHLRQNM[147]C[330]PAHQNRSLANGPSHPR	1
							2	C[330]NETAK	1
NRX1A_HUMAN (Q9ULB1) Neurexin-1-alpha precursor (Neurexin I-alpha) [MASS=161882]	0.00	4.87	0.63	0.00	1	3	2	SC[330]EREATVLSYDGSM[147]FMK	1
							3	EATVLSYDGSM[147]FMKIQLPVVMHTEADVSLR	1
							3	C[330]ENVATLDPITFETPESFISLPK	1
NRX3A_HUMAN (Q9Y4C0) Neurexin-3-alpha precursor (Neurexin III-alpha) [MASS=169922]	0.00	2.40	1.45	0.00	1	2	2	NLDLKGDLYM[147]AGLAQGM[147]YSNLPK	1
							2	FSM[147]DC[339]AETAVLSNK	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	4.84	0.65	0.04	2	3	2	GILLYGPPGC[330]GK	1
							1	IC[330]SPDK	1
							3	THPSVVPGSIAFSLPQRK	1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	*	2.20	*	*	*	1	3	FM[147]LGRC[339]YLVGTGEGQKALEC[339]FC[339]QAASEVGK	1
NU214_HUMAN (P35658) Nuclear pore complex protein Nup214 (Nucleoporin Nup214) (214 kDa nucleoporin) (CAN protein) [MASS=213765]	*	1.20	*	*	*	1	2	QGSLINSLKPSGPTPASGQLSSGDK	1
							2	LSVAGNC[330]R	1
							2	LSVAGNC[339]R	1
							2	FC[339]YHER	2
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	7.57	1.27	0.05	8	4	2	VVAAC[339]AM[147]PVM[147]K	1
							3	DC[330]FIYQGHGHDVGAPIADVILPGAAYTEK	1
							2	FC[330]YHER	2

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	27.37	1.03	0.43	8	7	2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDVVVVR	1
							2	GAGAYIC[339]GEETALIESIEGK	1
							2	YLVVNADEGEPGTC[339]K	1
							3	LKPPFPADVGVFGC[330]PTTVANVETVAVSPTIC[330]R	1
							3	LIEFYKHESC[339]GQC[339]TPC[339]R	1
							2	YLVVNADEGEPGTC[339]KDR	1
							2	NAC[330]GSGYDFDVVVVR	1
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	28.92	1.45	0.01	2	4	2	IEAIVKNYPEGHK	1
							2	YHIQVC[339]TTTPC[339]M[147]LR	1
							2	ARAAGLTAHWGRHVR	1
							3	SGRFSC[339]EPAGGLTSLTEPPKGPFGVQAGL	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	0.00	2.38	1.71	0.00	1	1	2	C[339]IAC[339]K	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.45	12.68	1.60	0.00	1	1	3	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	12.10	1.22	0.05	5	1	3	VIAC[339]DGGGGALGHPK	1
							2	VIAC[330]DGGGGALGHPK	2
							2	VIAC[339]DGGGGALGHPK	2
NVL_HUMAN (O15381) Nuclear valosin-containing protein-like (Nuclear VCP-like protein) (NVLp) [MASS=95050]	0.00	9.00	*	*	*	3	3	KDSFFLDLSC[330]EKSNNPK	1
							3	TLLAHAIAGELDLPIKVAAPFIVSGVSGESEQK	1
							3	C[339]DC[339]YTGADLSALVREASIC[330]ALRQEM[147]AR	1
O51Q1_HUMAN (Q8NH59) Olfactory receptor 51Q1 [MASS=35747]	0.00	9.15	2.74	0.00	1	1	3	LRALNNC[339]LSHILAVLVLYIPM[147]VGVSM[147]THR	1
O51V1_HUMAN (Q9H2C8) Olfactory receptor 51V1 (Odorant receptor HOR3'beta1) (Olfactory receptor OR11-36) [MASS=36882]	0.00	5.61	1.99	0.00	1	1	3	YIAIC[339]NPLRYSSILTNSR	1
O52K1_HUMAN (Q8NGK4) Olfactory receptor 52K1 [MASS=35289]	0.00	8.60	0.89	0.00	1	1	3	AFGTC[339]VSHIGAILSTYTPVVISSVMHR	1

OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin-MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	1.44	1.12	0.00	1	8	2 1 3 3 2 2	ASLIVRERPAAIK HSLRQDGSR HRLVLHNVGFADR LSSIDLNDQVEGDDR LLGPKAPGPSTGDLTGPGPC[330]PR LEVRVKPVVFLK	1 1 1 1 1 2
OCLN_HUMAN (Q16625) Occludin [MASS=59143]	*	12.26	*	*	*	2	2 3 3	AGKTM[147]AIAAQGAC[330]RSLTIYR QGRKYILVVR PLESPPYPYPDEFKPNHYAPSNDIYGEMHVR AAKGFm[147]LAM[147]AAFC[330]FIAALVIFVTsvIRSEM[147]SR	1 1 1 1
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	*	4.77	*	*	*	2	2 3	EVPVTKLIDLEEDSFLEKEK HEVVIWLGLDNYRLC[339]M[147]PDANEVK	1 1
OCTC_HUMAN (Q9UKG9) Peroxisomal carnitine O-octanoyltransferase (EC 2.3.1.137) (COT) [MASS=70178]	0.00	9.48	2.39	0.00	1	3	3 2 3	GRAFVFDVIHEGC[339]LVTPPELLR C[339]HSEPDGPGIAALTSEERTR TESEGRSPNHIVVLC[339]R	1 1 1
ODBB_HUMAN (P21953) 2-oxoisovalerate dehydrogenase subunit beta, mitochondrial precursor (EC 1.2.4.4) (Branched-chain alpha-keto acid dehydrogenase E1 component beta chain) (BCKDH E1-beta) [MASS=43122]	0.00	4.85	1.10	0.00	1	1	2	GLLLSC[339]IEDKNPC[339]IFFEPK	1
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.00	1.40	1.01	0.00	1	1	2	FGLEGc[330]EVLIPALK	1
ODP2_HUMAN (P10515) Dihydrolipoylysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781]	1.00	12.05	1.58	0.09	2	3	3 2 2	NFSAIINPPQAC[339]ILAIGASEDKLVPADNEK ILVAEGTRDVPiGAIIC[339]ITVGK DVPIGAIIC[339]ITVGKPEDIEAFK	1 1 1

ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	0.00	1.28	*	*	*	1	2	C[339]DLHR	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	0.76	10.86	0.99	0.00	1	2	2	PVGHC[330]LEAAAVLSK	1
							2	RIIDTPISEM[147]GFAGIAVGAAMAGLR	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.97	7.98	1.86	0.00	1	2	2	STVPHAYATADC[339]DLGAVLK	1
							3	ILM[147]PSLSPTMEEGNIVKWLKK	1
							3	TQEQC[330]VHNETKNELEK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	7.19	1.24	0.09	7	5	2	TALNHC[339]NLC[339]R	1
							3	SIYHSHHPTLKLQR	1
							3	TQEQC[339]VHNETKNELEK	1
							3	C[339]NEEHPAYLASDEITTVR	1
							2	C[339]NEEHPAYLASDEITTVR	1
							2	TQEQC[330]VHNETKNELEK	1
							2	TQEQC[330]VHNETK	1
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	0.99	6.09	0.78	0.00	1	1	2	DQSGEYEC[330]SALNDVAAPDVRK	1
OR2A7_HUMAN (Q96R45) Olfactory receptor 2A7 [MASS=34726]	0.00	8.06	0.56	0.00	1	1	2	EQKKYLPLFHSLFNPMNLPLIC[339]SLR	1
							3	EQKKYLPLFHSLFNPM[147]LNPLIC[339]SLR	1
OR5DD_HUMAN (Q8NGL4) Olfactory receptor 5D13 [MASS=35447]	0.00	19.11	0.80	0.00	1	2	3	LNSKLHTIM[147]C[330]FFLSHSLTDFC[339]FSTVVTPK	1
							3	LC[339]FIIAIFNEVSSLIILTSYM[147]LIFTTIMK	1
OR6A2_HUMAN (O95222) Olfactory receptor 6A2 (Olfactory receptor 11-55) (OR11-55) (hP2 olfactory receptor) [MASS=36154]	*	6.12	*	*	*	1	2	LC[330]VQMAAGSWAGGFGISMVK	1
OR8S1_HUMAN (Q8NH09) Olfactory receptor 8S1 [MASS=39694]	0.00	8.91	0.78	0.00	1	1	3	TISVEGC[339]LAQVFFVFTAGTEAC[339]LLSGMAYDR	1

ORAV1_HUMAN (Q8WV07) Oral cancer overexpressed protein 1 (Tumor amplified and overexpressed sequence 1) [MASS=15354]	0.00	21.17	1.14	0.00	1	1	3	IGSEIGC[339]YQGFAFAWKC[339]LLHSC[339]TTEKDSR	1
ORC1_HUMAN (Q13415) Origin recognition complex subunit 1 (Replication control protein 1) [MASS=97349]	0.00	3.95	8.58	0.00	1	2	2	EARLVVLAIA NTMDLPER	1
							2	MC[339]FQPYTYSQLQILR	1
OSBP1_HUMAN (P22059) Oxysterol-binding protein 1 [MASS=89420]	*	3.35	*	*	*	2	1	REAEAM[147]K	1
							2	AFRGATVLPANTPGNVGSGK	1
							2	QC[330]TME MATGEVDVPLVSIFK	1
							3	ESM[147]FSWDETEYK	1
							3	WPVASSIDRNEMLEIQVFNYSKVFSNK	1
							1	RHTVRDK	5
OTOF_HUMAN (Q9HC10) Otoferlin (Fer-1-like protein 2) [MASS=226735]	*	4.96	*	*	*	5			
							3	VLC[339]NGGSSSHSTGEVVVTM[147]EPEVPIKKLETM[147]VK	1
OVOL2_HUMAN (Q9BRP0) Transcription factor Ovo-like 2 (hOvo2) (Zinc finger protein 339) [MASS=30438]	*	2.91	*	*	*	1	2	QRPVARSK	1
PA2G6_HUMAN (O60733) 85 kDa calcium-independent phospholipase A2 (EC 3.1.1.4) (iPLA2) (CaI-PLA2) (Group VI phospholipase A2) (GVI PLA2) [MASS=89902]	0.00	7.57	*	*	*	3	3	M[147]LLKRGC[330]NVNSTSSAGNTALHVAVMR	1
							3	VLLLC[339]NARC[330]NIM[147]GPNGYPIHSAM[147]K	1
							3	NAEMARMLLKR	1
							3	MLLKRG C[330]NVNSTSSAGNTALHVAVMR	1
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	*	3.38	*	*	*	1	2	AYHLAC[330]KEEKLAMTR	1
PADI2_HUMAN (Q9Y2J8) Protein-arginine deiminase type-2 (EC 3.5.3.15) (Protein-arginine deiminase type II) (Peptidylarginine deiminase II) (PAD-H19) [MASS=75563]	*	5.86	*	*	*	2	2	DGHGEAIMFKGLGGMSSKR	1
							2	ASWTWGPEGQGAILLVNC[339]DR	1
PANK3_HUMAN (Q9H999) Pantothenate kinase 3 (EC 2.7.1.33) (Pantothenic acid kinase 3) (hPanK3) [MASS=41094]	*	9.19	*	*	*	1	3	RVTGTSLGGGTFLGLC[330]SLLTGC[339]ESFEEALEMASK	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	0.00	2.46	3.12	0.03	2	1	3	SLLHM[147]ISNDIGQLAC[330]LHAR	1
							3	SLLHMISNDIGQLAC[339]LHAR	1

PAPS1_HUMAN (O43252) Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1 (PAPS synthetase 1) (PAPSS 1) (Sulfurylase kinase 1) (SK1) (SK 1) [Includes: Sulfate adenyltransferase (EC 2.7.7.4) (Sulfate adenylate transferase) (SAT) (ATP-sulfuryl [MASS=70833]	0.00	5.29	*	*	*	2	2	M[147]VAGANFYIVGRDPAGMPHPETGK	1
							2	NLGFSPEDR	1
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	8.47	0.80	0.00	2	1	2	VTVAGLAGKDPVQC[339]SR	1
							2	VTVAGLAGKDPVQC[330]SR	1
PARP2_HUMAN (Q9UGN5) Poly [ADP-ribose] polymerase 2 (EC 2.4.2.30) (PARP-2) (NAD(+) ADP-ribosyltransferase 2) (Poly[ADP-ribose] synthetase 2) (pADPRT-2) (hPARP-2) [MASS=66205]	0.00	2.92	0.50	0.00	1	1	2	M[147]GQHSLVAC[330]SGNLNKAK	1
PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	0.00	10.02	2.72	0.00	1	3	2	QLRVSHGC[339]VSKILC[339]R	1
							3	TTFTAEQLEELER	1
							3	ILC[330]RYQETGSIRPGAIGGSK	1
PAX8_HUMAN (Q06710) Paired box protein Pax-8 [MASS=48118]	*	2.67	*	*	*	1	2	RKMDDSDQDSC[339]R	1
PAXI_HUMAN (P49023) Paxillin [MASS=64533]	*	4.40	*	*	*	1	3	PGSQLDSM[147]LGSLQSDLNKLGVATVAK	1
PCBP2_HUMAN (Q15366) Poly(rC)-binding protein 2 (Alpha-CP2) (hnRNP-E2) [MASS=38580]	0.31	4.38	0.31	0.00	1	1	2	AITIAGIPQSIIEC[330]VK	1
PCCB_HUMAN (P05166) Propionyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.3) (PCCase subunit beta) (Propanoyl-CoA:carbon dioxide ligase subunit beta) [MASS=58205]	*	14.84	*	*	*	3	3	ISLLDPGSFVESDM[147]FVEHRC[330]ADFGMAADKNK	1
							3	VTVITRKAYGGAYDVM[147]SSK	1
							3	GRINGRLVYVFSQDFTVFGGSLSGAHAQK	1
PCD18_HUMAN (Q9HCL0) Protocadherin-18 precursor [MASS=125307]	*	2.84	*	*	*	1	3	PEININLMSPGKEEISYIFEGDPIDTFVALVR	1
PCD19_HUMAN (Q8TAB3) Protocadherin-19 precursor [MASS=126252]	*	2.53	*	*	*	1	3	VIILDVNDNTPVITAPPLINGTAEVYIPR	1
PCDA1_HUMAN (Q9Y5I3) Protocadherin alpha 1 precursor (PCDH-alpha1) [MASS=102951]	*	2.21	*	*	*	1	3	SYEIQVKAVDKGSPPMSNHC[339]K	1
PCDG5_HUMAN (Q9Y5G8) Protocadherin gamma A5 precursor (PCDH-gamma-A5) [MASS=100934]	0.00	4.83	*	*	*	2	3	ISETFQLDSNLGEISTLQSLDYEEESR	1
							2	MKIYGVEVEIIDINDNFR	1
PCDLK_HUMAN (Q9BYE9) Protocadherin LKC precursor (PC-LKC) [MASS=141574]	0.00	1.68	*	*	*	1	3	TAAGVMPSAPAIPGTNMYNTER	2

PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	*	2.91	*	*	*	9	2	AVLPTKLEK	1
							3	RSQEVTDFLAPLQSSSR LH SYVK	1
							2	PSQSFPPTGEKVTPFDSKAIPR	1
							3	EQEKIMVQKK	1
							3	VMSDGPVKPEGAKPPNHR	1
							2	PTGLSLTSSM[147]TLNLVTSADYK	1
							2	AEEDPM[147]EDPYELKLLKHQIK	1
							2	PPIAPKPVIPQLPTTTQK	1
							1	AIPRPASDSK	1
PCNT_HUMAN (O95613) Pericentrin (Pericentrin B) (Kendrin) [MASS=378079]	*	1.92	*	*	*	4	2	LLKHHLQK	1
							2	SQLSELQKDLAAEK	1
							3	C[330]IAGDLQKTLSEEQEKANSVQK	1
							2	QVLMQEEEEIKRLEEM[147]NINIR	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	*	4.44	*	*	*	3	2	NC[339]LKC[330]HPSC[330]KK	1
							2	SIPLVQVLR	1
							3	IGGIRM[147]LDGDTVDDVVEAKSLGIR	1
PCYOX_HUMAN (Q9UHG3) Prenylcysteine oxidase precursor (EC 1.8.3.5) (PCL1) [MASS=56611]	0.00	2.18	3.83	0.00	1	1	2	LVC[339]SGLLQASK	1
PDIA3_HUMAN (P30101) Protein disulfide-isomerase A3 precursor (EC 5.3.4.1) (Disulfide isomerase ER-60) (ERp60) (58 kDa microsomal protein) (p58) (ERp57) (58 kDa glucose-regulated protein) [MASS=56782]	*	1.58	*	*	*	1	1	NRVM[147]MVAK	1
PDZK3_HUMAN (O15018) PDZ domain-containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	*	1.27	*	*	*	1	3	NSIPGGPSGEDHLYFTPRPATRTYSMPAQFSSHFR	1
PE2R2_HUMAN (P43116) Prostaglandin E2 receptor, EP2 subtype (Prostanoid EP2 receptor) (PGE receptor, EP2 subtype) [MASS=39760]	0.00	7.54	0.94	0.00	1	1	3	AC[330]TYFAFAMTFFSLATMLMLFAM[147]ALER	1

PECI_HUMAN (O75521) Peroxisomal 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8) (Dodecenoyl-CoA isomerase) (Delta(3),delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (DBI-related protein 1) (DRS-1) (Hepatocellular carcinoma-associated antigen 88) (NY [MASS=39609])	0.99	4.18	0.90	0.00	1	1	2	LHAVNAEEC[330]NVLQGR	1
PEPL1_HUMAN (Q8NDH3) Probable aminopeptidase NPEPL1 (EC 3.4.11.-) (Aminopeptidase-like 1) [MASS=55861]	0.00	5.54	0.19	0.00	1	2	1 3	TTM[147]PGM[147]KR DC[330]GGAAAVLGAFRAAIKQGFK	1 1
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	1.00	15.02	1.26	0.00	2	2	2 2 2	YADLTEDQLPSC[330]ESLKDTIAR YADLTEDQLPSC[339]ESLKDTIAR ALPFWNEEIVPQIKEGK	1 1 1
PGBM_HUMAN (P98160) Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) [MASS=468822]	*	0.64	*	*	*	2	2 2	AGFFGDAMKATATSC[339]R PLPC[339]GPQEAAAC[330]R	1 1
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	0.88	6.15	0.87	0.27	2	4	2 3 1	AVLGSPRVK IAGDAPLQGVLGALTIPC[330]HVHYLRPPPSR PPPSRR	1 1 2
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	15.14	0.91	0.02	2	4	2 3 2 3	WEAPQISC[330]VPR AC[330]ANPAAGSVILLENLR IKAAVPSIKFC[339]LDNGAK DVLFLKDC[330]VGPEVEK ELNYFAKALESPEK	1 1 1 1
PGTB_HUMAN (P53611) Geranylgeranyl transferase type-2 subunit beta (EC 2.5.1.60) (Geranylgeranyl transferase type II subunit beta) (Rab geranylgeranyltransferase subunit beta) (Rab geranyl-geranyltransferase subunit beta) (Rab GG transferase beta) (Rab G [MASS=36924])	0.44	5.44	0.43	0.00	1	1	2	AIEFVLSC[330]M[147]NFDGGFGC[330]R	1

PHLA1_HUMAN (Q8WV24) Pleckstrin homology-like domain family A member 1 (T- cell death-associated gene 51 protein) (Apoptosis-associated nuclear protein) (Proline- and histidine-rich protein) (Proline- and glutamine-rich protein) (PQ-rich protein) [MASS=29524]	0.00	7.34	0.63	0.00	1	1	2	C[330]PQDQGWNAEITLQM[147]VQYK	1
PHLPP_HUMAN (O60346) PH domain leucine- rich repeat-containing protein phosphatase (EC 3.1.3.16) (PH domain leucine-rich repeat protein phosphatase) (Pleckstrin homology domain-containing family E protein 1) (Suprachiasmatic nucleus circadian oscillatory [MASS=184671])	0.00	3.44	5.59	0.00	1	3	3 3 3	C[339]VPLLTGHPHLK AIDSPGGAVREGSC[330]EEKAAAAVAPGGLQSTPGR LLAGHNQLARLPER	1 1 1
PHYIP_HUMAN (Q92561) Phytanoyl-CoA hydroxylase-interacting protein (Phytanoyl-CoA hydroxylase-associated protein 1) (PAHXAP1) (PAHX-AP1) [MASS=37572]	0.95	3.64	0.89	0.00	1	1	2	THC[339]GNM[147]LQPYLK	1
PI3R4_HUMAN (Q99570) Phosphoinositide 3- kinase regulatory subunit 4 (EC 2.7.11.1) (PI3- kinase regulatory subunit 4) (PI3-kinase p150 subunit) (Phosphoinositide 3-kinase adaptor protein) [MASS=152971]	0.00	3.02	0.73	0.00	1	2	2 2	IRLNSAQNC[339]LPFQKASEK LLSQGM[147]TEEEEDKLLALKDFMMK	1 1
PI52A_HUMAN (P48426) Phosphatidylinositol- 4-phosphate 5-kinase type-2 alpha (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5- kinase type II alpha) (1-phosphatidylinositol-4- phosphate 5-kinase 2-alpha) (PtdIns(4)P-5- kinase isoform 2-alpha) (PIP5KI2-alpha [MASS=46224])	*	4.19	*	*	*	1	3	EVYFMAIIDILTHYDAK	1
PIGT_HUMAN (Q969N2) GPI transamidase component PIG-T precursor (Phosphatidylinositol-glycan biosynthesis, class T protein) [MASS=65699]	*	4.84	*	*	*	2	2 2	VSIQFERALLK MFSRTLTEPC[339]PLASESR	1 1
PIN1_HUMAN (Q13526) Peptidyl-prolyl cis- trans isomerase NIMA-interacting 1 (EC 5.2.1.8) (Rotamase Pin1) (PPlase Pin1) [MASS=18243]	*	4.29	*	*	*	1	1	MSRSSGR	1

PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	0.32	1.18	0.39	0.00	1	1	2	KIANN[C330]IFIVIHR	1
PKDRE_HUMAN (Q9NTG1) Polycystic kidney disease and receptor for egg jelly-related protein precursor (PKD and REJ homolog) [MASS=255447]	0.21	1.86	0.54	0.00	1	2	3	LSC[330]C[339]LAMLLSSLLC[339]NIM[147]FFNLNR	1
							3	QPVYEEPSDEVEAM[147]TYLC[330]R	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	0.00	8.69	0.24	0.00	1	5	2	SLSPSPRESSASPVPSTQSQLTEGSHFMC[330]V	1
							2	TYFC[330]TDTGKEM[147]ELWM[147]K	1
							3	M[147]TVEEQMERIRR	1
							3	KTENISYEMLFEPEPNGVNSVEM[147]MDK	1
							3	TLSQDEGRGTYK	1
PKHB1_HUMAN (Q9UF11) Pleckstrin homology domain-containing family B member 1 (Pleckstrin homology domain retinal protein 1) (PH domain-containing protein in retina 1) (PHRET1) [MASS=27186]	0.37	5.76	0.64	0.00	1	1	2	IGPEC[339]HDVQPPEGR	1
PKHD1_HUMAN (Q8TCZ9) Polycystic kidney and hepatic disease 1 precursor (Fibrocystin) (Polyductin) (Tigmin) [MASS=446699]	0.00	2.53	1.00	0.00	1	5	2	PFQGRAQITLYGSSYSTPFFPYGVK	1
							2	QKQM[147]GFANM[147]SVVLQQFAVMPR	1
							2	DM[147]GARVIVQSFPEEPSQVQLK	1
							2	C[330]TYQFLMQGFIC[339]K	1
							3	RWELMVSNTTFVNFDLINC[339]VAIR	1
PKP1_HUMAN (Q13835) Plakophilin-1 (Band-6 protein) (B6P) [MASS=82860]	*	10.04	*	*	*	4	3	QQVYQLGGIC[330]KLVDLLR	1
							3	DATLEAC[330]AGALQNLTASKGLMSSGMSQLIGLKEK	1
							3	RQNGIREAVSLLR	1
							2	C[339]PVRPPSC[339]ASK	1
PLAP_HUMAN (Q9Y263) Phospholipase A-2-activating protein (PLAP) (PLA2P) [MASS=87157]	0.00	10.69	1.77	0.00	1	3	2	PANQLLALRTFC[330]NC[330]FVGQAGQKLM[147]MSQR	1
							2	ILSLIC[339]NSSSEKPTVQQLQILWK	1
							3	C[330]M[147]M[147]TLQGHTAAVWAVKILPEQGLM[147]LTGSADKTVK	1
PLCB2_HUMAN (Q00722) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (Phospholipase C-beta-2) (PLC-beta-2) [MASS=133679]	0.00	5.93	2.05	0.00	1	5	2	GQLSPEGMVWFLC[339]GPENSVLAQDK	1
							2	VKAYLSQGER	1
							2	TKLSPSTNSINPVWK	1
							2	SFLM[147]SLC[330]PR	1
							2	NFFQM[147]FPADRKR	1

Protein Name	Accession	Molecular Weight (kDa)	pI	Length (aa)	Score	Rank	Sequence
PLEC1_HUMAN (Q15149) Plectin-1 (PLTN) (PCN) (Hemidesmosomal protein 1) (HD1) [MASS=531733]	*	2.13	*	*	*	5	LKAGVAAPATQVAQVTLQSVQRR VPLDEALQR DLGVTRLLDPEDVDVPQPDEK GIYQSLEGAVQAGQLKVPPGYHPLDVEK GLFDEEM[147]NEILTDPSDDTK
PLOD3_HUMAN (O60568) Procollagen- lysine,2-oxoglutarate 5-dioxygenase 3 precursor (EC 1.14.11.4) (Lysyl hydroxylase 3) (LH3) [MASS=84785]	*	1.08	*	*	*	1	PDEQPSLR
PLP2_HUMAN (Q04941) Proteolipid protein 2 (Intestinal membrane A4 protein) (Differentiation-dependent protein A4) (Proteolipid protein 2) [MASS=16691]	*	13.82	*	*	*	1	MADSERLSAPGC[339]WAAC[330]TNFSR
PLXA1_HUMAN (Q9UIW2) Plexin-A1 precursor (Semaphorin receptor NOV) [MASS=211086]	*	1.37	*	*	*	2	YM[147]FDLDEQADK IRKILVDLSNPGGR SPSYIVC[330]NTTSSDEVLEMK DLEVPGYRQERVEK
PLXA4_HUMAN (Q9HCM2) Plexin-A4 precursor [MASS=212454]	*	4.65	*	*	*	5	QRSFVTFR QPC[330]LFHRRSPSYIVC[339]NTTSSDEVLEM[147]K GLKLFAQLINNKVFLLSFIR
PLXB3_HUMAN (Q9ULL4) Plexin-B3 precursor [MASS=206846]	*	2.20	*	*	*	2	QALRDYQKVLVQLESLETGVGDQC[339]R VLVQLESLETGVGDQC[339]R
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	*	1.25	*	*	*	2	AIEPLSGPLDGGTLLTIR PPLAVK
PMS2_HUMAN (P54278) PMS1 protein homolog 2 (DNA mismatch repair protein PMS2) [MASS=95797]	*	1.62	*	*	*	1	VVPLDFSM[147]SSLAKR
PO5F1_HUMAN (Q01860) POU domain, class 5, transcription factor 1 (Octamer-binding transcription factor 3) (Oct-3) (Oct-4) [MASS=38570]	0.00	5.00	*	*	*	1	VFSQTTC[339]RFEALQLSFK
POK10_HUMAN (P10266) HERV-K_5q33.3 provirus ancestral Pol protein (HERV-K10 Pol protein) (HERV-K107 Pol protein) [Includes: Reverse transcriptase (RT) (EC 2.7.7.49); Ribonuclease H (EC 3.1.26.4) (RNase H); Integrase (IN)] [MASS=114826]	*	4.04	*	*	*	2	EIKLVEEKIQSAQINR DKLIDC[330]YTFLQAEVANAGLAIASDK

PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	*	6.36	*	*	*	1	2	LLEVQGSRPGKNVQLTENEIR	1
PP2AA_HUMAN (P67775) Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform (EC 3.1.3.16) (PP2A-alpha) (Replication protein C) (RP-C) [MASS=35594]	0.82	4.53	1.44	0.00	1	1	2	NVVTIFSAPNYC[339]YR	1
PP2BA_HUMAN (Q08209) Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (EC 3.1.3.16) (Calmodulin-dependent calcineurin A subunit alpha isoform) (CAM-PRP catalytic subunit) [MASS=58687]	0.00	5.76	0.84	0.00	1	2	2 3	HLTEYFTFKQEC[339]K GLTPTGM[147]LPSGVLGGK	1 1
PPARB_HUMAN (Q03181) Peroxisome proliferator-activated receptor delta (PPAR-delta) (PPAR-beta) (Nuclear hormone receptor 1) (NUC1) (NUCL) [MASS=49903]	0.00	4.54	2.73	0.00	1	1	3	C[339]QYC[339]RFQKC[339]LALGM[147]SHNAIR	1
PPCKC_HUMAN (P35558) Phosphoenolpyruvate carboxykinase, cytosolic [GTP] (EC 4.1.1.32) (Phosphoenolpyruvate carboxylase) (PEPCK-C) [MASS=69194]	*	17.04	*	*	*	4	3 3 3 3	EVEDIEKYLEQVNADLPC[330]EIEREILALK YLAAAFPSAC[339]GKTNLAM[147]MNPSLPGWK GRTMYVIPFSM[147]GPLGSPLSKIGIELDSPYVVASM[147]R DTVPIPKTGLSQLGR	1 1 1 1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPlase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	42.68	0.69	0.21	3	4	3 2 2 2	HTGPGILSM[147]ANAGPNTNGSQFFIC[330]TAK IIPGFMC[330]QGGDFTR KITIADC[330]GQLE ALSTGEKGFYKGSC[339]FHR	1 1 1 1
PPID_HUMAN (Q08752) 40 kDa peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) (PPlase) (Rotamase) (Cyclophilin-40) (CYP-40) (Cyclophilin-related protein) [MASS=40632]	*	4.34	*	*	*	1	2	LQPIALSC[339]VLNIGAC[330]K	1
PPIP1_HUMAN (O43586) Proline-serine-threonine phosphatase-interacting protein 1 (PEST phosphatase-interacting protein 1) (CD2-binding protein 1) (H-PIP) [MASS=47591]	*	2.88	*	*	*	1	1	ISANGHQKQVEK	1
PRA10_HUMAN (O60809) PRAME family member 10 (Fragment) [MASS=53385]	*	5.88	*	*	*	2	1 2	FAPYLSQMSNLR EVFPLMFM[147]EAFSM[147]RR	1 1

PRA12_HUMAN (O95522) PRAME family member DJ1198H6.2 [MASS=54663]	*	2.28	*	*	*	1	2	QRKGLLHVC[339]C[330]K	1
PRAM4_HUMAN (O60810) PRAME family member 4 [MASS=55466]	0.00	9.00	0.43	0.00	1	2	3	DQALAM[147]STLEELPTLFPPLFM[147]EAFSRR	1
							2	RILFC[330]TDYC[330]PDC[330]GNR	1
							3	RSEVLAEEISIVC[339]LQKALNHLR	2
PRC1_HUMAN (O43663) Protein regulator of cytokinesis 1 [MASS=71664]	*	5.48	*	*	*	2	2	FM[147]EYVAEQWEM[147]HR	1
							3	C[339]LLAGDPPPPPPGLPC[339]SGALR	1
PRD13_HUMAN (Q9H4Q3) PR domain zinc finger protein 13 (PR domain-containing protein 13) [MASS=75059]	0.00	5.16	4.71	0.00	1	2	2	TGHLC[330]LYC[330]GKLYSRK	1
							3		
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	*	1.06	*	*	*	2	3	QWTC[330]SVC[339]DKK	1
							1	QLGEHK	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	1.00	9.77	1.75	0.02	2	1	2	YLVFFYPDLFTFVC[339]PTEIVAFSDK	1
							2	YLVFFYPDLFTFVC[330]PTEIVAFSDK	1
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026]	0.00	9.81	0.28	0.00	1	1	3	GVQVVAC[330]LSVNDAFVTGEWGR	1
PRELP_HUMAN (P51888) Prolargin precursor (Proline-arginine-rich end leucine-rich repeat protein) [MASS=43810]	0.00	16.49	1.65	0.00	1	3	3	NLM[147]QLNLAHNILR	1
							2	IDQRVLEKLPGLVFLYMEK	1
							3	INGTQIC[339]PNDLVAFHDFSSDLENVPHLRYLR	1
PRI1_HUMAN (P49642) DNA primase small subunit (EC 2.7.7.-) (DNA primase 49 kDa subunit) (p49) [MASS=49902]	0.00	5.95	*	*	*	2	3	M[147]ETFDPTLPELLKLYYR	1
							2	SDLQKDF	1
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	0.38	9.04	0.85	0.00	1	3	2	ISLDQIDLLSTKSFPFC[330]M[147]R	1
							2	RWFIQQEM[147]DLLR	1
							3	DIKKEPIQPETPQPK	1
PROF4_HUMAN (Q8NHR9) Profilin-4 (Profilin IV) [MASS=14319]	0.00	13.18	0.92	0.00	1	1	2	SLC[339]VASPGFNVTSPDVR	1

PRP31_HUMAN (Q8WWY3) U4/U6 small nuclear ribonucleoprotein Prp31 (Pre-mRNA-processing factor 31) (U4/U6 snRNP 61 kDa protein) (hPrp31) (Protein 61K) (Serologically defined breast cancer antigen NY-BR-99) [MASS=55456]	*	1.80	*	*	*	1	1	KAARLVAAK	1
PRS23_HUMAN (O95084) Serine protease 23 precursor (EC 3.4.21.-) (Putative secreted protein ZSIG13) [MASS=43001]	0.00	3.39	0.73	0.00	1	1	2	LEVSSSC[330]GPQC[330]HK	1
PTC1_HUMAN (Q13635) Protein patched homolog 1 (PTC1) (PTC) [MASS=160560]	0.00	1.24	0.95	0.00	1	1	2	VASGYLLMLAYAC[339]LTMLR	1
PTN14_HUMAN (Q15678) Tyrosine-protein phosphatase non-receptor type 14 (EC 3.1.3.48) (Protein-tyrosine phosphatase pez) [MASS=135238]	*	4.63	*	*	*	4	2	EQGPPEEGSGSHEVPQLPQYHHK	1
							2	IREVVPYEENR	1
							3	SLHLPMARRNTRLR	1
							2	MPFGLKLR	1
PTPR2_HUMAN (Q92932) Receptor-type tyrosine-protein phosphatase N2 precursor (EC 3.1.3.48) (R-PTP-N2) (Islet cell autoantigen-related protein) (ICAAR) (IAR) (Phogrin) [MASS=111281]	*	4.53	*	*	*	2	3	YSREGGAALANALRR	1
							3	GRQLPGRLGC[330]LLEEGLC[330]GASEAC[330]VNDGVFGR	1
PTPRK_HUMAN (Q15262) Receptor-type tyrosine-protein phosphatase kappa precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase kappa) (R-PTP-kappa) [MASS=162087]	0.00	1.11	0.72	0.00	1	1	2	SGM[147]FC[330]AIGIVVEM[147]VKR	1
PTPRM_HUMAN (P28827) Receptor-type tyrosine-protein phosphatase mu precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase mu) (R-PTP-mu) [MASS=163632]	*	0.83	*	*	*	1	2	QEMTVMVNSM[147]DK	1
PTPRZ_HUMAN (P23471) Receptor-type tyrosine-protein phosphatase zeta precursor (EC 3.1.3.48) (R-PTP-zeta) [MASS=254528]	0.89	2.33	0.43	0.00	1	3	2	KYPTC[330]NSPK	1
							3	VISTPPTPIFPIISDDVGAIPK	1
							3	ITFHWGKC[339]NM[147]SSDGSEHSLEGQK	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	0.00	2.69	0.15	1.40	2	3	3	RIVLVDDREC[330]PVR	2
							2	WASVRVGP GPALM[147]LR	1
							2	DSL SMAAR	1

PYGB_HUMAN (P11216) Glycogen phosphorylase, brain form (EC 2.4.1.1) [MASS=96564]	*	4.99	*	*	*	2	2	IGEEFLDLSQLKK	1
							3	TC[330]AYTNHTVLPEALERWPVSM[147]FEKLLPR	2
PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl-phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	*	4.40	*	*	*	5	2	ALRM[147]VDENC[339]VGFDHTVK	1
							3	NERPDGVLLTFGGQTALNC[339]GVELTK	1
							1	MKRIIAHAQLLEQHR	1
							2	VHVDC[330]M[147]TSQKLVR	1
							3	KWPQGAVPQLPPSAPATSEMTTTPRPR	1
PZP_HUMAN (P20742) Pregnancy zone protein precursor [MASS=163835]	0.57	2.56	2.74	0.00	1	3	2	M[147]LERSSSVSR	1
							1	EILNSLDK	1
							2	TFSSM[147]TC[339]ASGANVSEQLSLK	1
RA6I1_HUMAN (Q6IQ26) Rab6-interacting protein 1 (Rab6IP1) [MASS=147094]	*	4.12	*	*	*	3	2	DPVLRVFDSRVDK	1
							2	RKSDASSLM[147]PPLR	1
							3	YPENVEWNPFDQDAVGM[147]LC[330]M[147]PKGLAFK	1
RAB38_HUMAN (P57729) Ras-related protein Rab-38 (Antigen NY-MEL-1) [MASS=23712]	0.00	9.00	1.34	0.00	1	1	3	MDQFC[339]KEHGFVGWFETSAK	1
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	12.50	0.70	0.10	2	2	2	HHC[330]PNTPIILVGTK	1
							2	AVLC[330]PPPVKK	1
RAD9B_HUMAN (Q6WBX8) Cell cycle checkpoint control protein RAD9B homolog (RAD9 homolog B) (hRAD9B) [MASS=46392]	*	10.63	*	*	*	2	3	AVQALSRSDEFWLDPSK	1
							3	PLALSIDDM[147]LVEANFILATLADEQSR	1
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	0.00	4.70	0.36	0.00	1	2	3	SISC[330]QIC[339]EHILADPVETNC[339]KHFVC[330]R	1
							3	AFADKEEGGDVKSVC[339]M[147]TLFLLALR	1
RAI14_HUMAN (Q9P0K7) Ankycorbin (Ankyrin repeat and coiled-coil structure-containing protein) (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.22	5.00	2.06	0.00	1	3	1	EVEVAKLEK	1
							2	M[147]HLLYAVQGQM[147]DEDVQKVLK	1
							3	TALMLAC[330]EIGSSNAVEALIK	1
RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	*	4.62	*	*	*	5	3	PESVSTC[330]SVTSPDDMSTK	1
							2	SAFM[147]APVPTKKR	1
							3	RRQQQVLPLDPAEPEIR	1
							3	RKSAFMAPVPTK	1
							3	M[147]C[330]TRSLTALSEPRTPGPPGLTTTPAPPDK	1

RAPSN_HUMAN (Q13702) 43 kDa receptor-associated protein of the synapse (RAPsyn) (Acetylcholine receptor-associated 43 kDa protein) (43 kDa postsynaptic protein) [MASS=46197]	*	19.46	*	*	*	4	2	VC[330]C[330]SLGSFYAQVKDYEK	1
							3	AM[147]SQYHM[147]AVAYRLLGRLGSAM[147]EC[339]C[330]EESMK	1
							3	LGSAMEC[330]C[330]EESMKIALQHGD	1
							3	YAHNNDAM[147]LEC[339]R	1
RASF4_HUMAN (Q9H2L5) Ras association domain-containing protein 4 [MASS=36748]	0.00	14.02	0.25	0.00	1	2	2	EEEEEREIIKLTM[147]K	1
							3	ILHGPC[330]EKIARIFLMEADLGVEVPHEVAQYIK	1
RBBP8_HUMAN (Q99708) Retinoblastoma-binding protein 8 (RBBP-8) (CtBP-interacting protein) (CtIP) (Retinoblastoma-interacting protein and myosin-like) (RIM) [MASS=101967]	*	2.01	*	*	*	1	2	SDHGGC[339]ELASVLQLNPC[330]R	1
RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	0.00	2.63	0.61	0.00	1	2	3	GDLIQFYNNIYIKQIK	1
							2	DSKPSSDPPC[330]IIEK	1
RBM4B_HUMAN (Q9BQ04) RNA-binding protein 4B (RNA-binding motif protein 4B) (RNA-binding protein 30) (RNA-binding motif protein 30) [MASS=40149]	0.00	11.42	0.35	0.00	1	2	3	AAAM[147]LPTVGEYGYGPESELSQASAATR	1
							3	TAPGM[147]GDQSGC[330]YR	1
RBM4_HUMAN	0.00	7.69	*	*	*	1	2	ATAPVPTVGEYGYGHESELSQASAAAR	1
RBP2_HUMAN (P49792) Ran-binding protein 2 (RanBP2) (Nuclear pore complex protein Nup358) (Nucleoporin Nup358) (358 kDa nucleoporin) (P270) [MASS=358197]	0.00	0.53	0.42	0.00	1	1	2	HGLQPALLVHWAEC[330]LQK	1
RBPSL_HUMAN (Q9UBG7) Recombining binding protein suppressor of hairless-like protein (Transcription factor RBP-L) [MASS=56594]	0.00	3.29	1.52	0.00	1	1	2	RFFC[339]PPPC[339]VYLSGPGWR	1
RCBT2_HUMAN (O95199) RCC1 and BTB domain-containing protein 2 (Regulator of chromosome condensation and BTB domain-containing protein 2) (Chromosome condensation 1-like) (CHC1-L) (RCC1-like G exchanging factor) [MASS=60315]	*	1.81	*	*	*	1	2	PVQATLSSLK	1
RECQ1_HUMAN (P46063) ATP-dependent DNA helicase Q1 (EC 3.6.1.-) (DNA-dependent ATPase Q1) [MASS=73456]	*	3.54	*	*	*	1	3	FVIHHSMSKSMENYYQESGRAGR	1

RECQ5_HUMAN (O94762) ATP-dependent DNA helicase Q5 (EC 3.6.1.-) (RecQ protein-like 5) (RecQ5) [MASS=108858]	*	5.65	*	*	*	2	3	EAC[330]EQLAIELSC[339]RGVNAKAYHAGLK	1
							3	SRLGHAPC[339]VALTATATPQVQEDVFAALHLKK	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	0.59	3.11	*	*	*	1	3	GQAAQAALQELFDIQMPGHAPGR	1
REL1_HUMAN (P04808) Prorelaxin H1 precursor [Contains: Relaxin B chain; Relaxin A chain] [MASS=21146]	0.00	7.57	2.27	0.00	1	1	2	AQIAIC[339]GMSTWSKR	1
RENT2_HUMAN (Q9HAU5) Regulator of nonsense transcripts 2 (Nonsense mRNA reducing factor 2) (Up-frameshift suppressor 2 homolog) (hUpf2) [MASS=147809]	*	3.07	*	*	*	3	2	MPAERKK	1
							2	LC[339]NSLEESIRQVQDLERFLIK	1
							2	TSVLLEQM[147]MR	1
RGS14_HUMAN (O43566) Regulator of G-protein signaling 14 (RGS14) [MASS=64600]	*	2.36	*	*	*	1	3	ATHPPPASPSSLVK	1
RGS3_HUMAN (P49796) Regulator of G-protein signaling 3 (RGS3) (RGP3) [MASS=132335]	0.00	3.51	1.42	0.00	1	2	2	NESPGAPPAGKADKM[147]MK	1
							3	ASQSRQSGLIGC[339]MSFGVKSLTTPDK	1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.92	18.65	1.84	0.00	1	2	1	ELAKMK	1
							3	LRPLSYPDTDVILMC[339]FSIDSPDSLENIPEK	1
RHOG_HUMAN (P84095) Rho-related GTP-binding protein RhoG precursor [MASS=21308]	*	6.28	*	*	*	1	2	AVLNPTPIKRGR	1
RHPN1_HUMAN (Q8TCX5) Rhophilin-1 (GTP-Rho-binding protein 1) [MASS=76292]	0.00	10.22	0.68	0.00	1	4	3	EDDFC[330]EAAEAPDIQPKTHQK	1
							3	TGGC[330]PQPC[330]APVKPAPPSSLKHGWP	1
							2	AVISQTLQR	1
							2	GSVLFNIGALHTQIGAR	1
RIMS3_HUMAN (Q9UJD0) Regulating synaptic membrane exocytosis protein 3 (Nim3) (Rab-3-interacting molecule 3) (RIM 3) (RIM3 gamma) [MASS=32796]	*	14.29	*	*	*	2	3	MDHKC[330]FM[147]GMAQIM[147]LDELDSLAAVTGWYK	1
							2	STETGIAVEM[147]RSRVTR	1

RINI_HUMAN (P13489) Ribonuclease inhibitor (Ribonuclease/angiogenin inhibitor 1) (RAI) (Placental ribonuclease inhibitor) (RNase inhibitor) (RI) [MASS=49842]	0.00	7.39	2.32	0.00	1	2	3 2	QPGC[339]LLEQLVLYDIYWSEEM[147]EDR VNPALAEINLR	1 1
RINT1_HUMAN (Q6NUQ1) RAD50-interacting protein 1 (RAD50 interactor 1) (Protein RINT-1) (HsRINT-1) [MASS=90631]	0.00	2.15	1.65	0.00	1	1	2	EAC[339]IVLNLNVGSALLLK	1
RIOK1_HUMAN (Q9BRS2) Serine/threonine-protein kinase RIO1 (EC 2.7.11.1) (RIO kinase 1) [MASS=65583]	0.00	7.75	2.14	0.00	1	2	3 3	M[147]LTRGIITEINGC[339]ISTGKEANVYHASTANGESR DC[339]ANVNDFFM[147]R	2 1
RKHD1_HUMAN (Q86XN8) RING finger and KH domain-containing protein 1 [MASS=49802]	0.00	4.74	0.64	0.00	1	1	3	KSVNM[147]TEC[330]VPVPSSSEHVAEIVGR	1
RL14_HUMAN (P50914) 60S ribosomal protein L14 (CAG-ISL 7) [MASS=23158]	0.00	5.66	2.01	0.00	1	1	3	ALVDGPC[339]TQVRR	1
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	0.98	4.55	1.02	0.00	1	1	2	C[330]HTPPLYR	1
RL27A_HUMAN (P46776) 60S ribosomal protein L27a [MASS=16430]	0.00	8.16	1.09	0.00	1	1	2	NQSFC[339]PTVNLDK	1
RL30_HUMAN (P62888) 60S ribosomal protein L30 [MASS=12653]	*	26.32	*	*	*	1	3	SEIEYYAMLAKTGVHHYSGNNIELGTAC[339]GK	1
RL3_HUMAN (P39023) 60S ribosomal protein L3 (HIV-1 TAR RNA-binding protein B) (TARBP-B) [MASS=45977]	*	1.49	*	*	*	1	1	DFSSMK	1
RL4_HUMAN (P36578) 60S ribosomal protein L4 (L1) [MASS=47566]	0.99	3.52	1.90	0.00	1	1	2	RGPC[339]IINYEDNGIIK	1
RL9_HUMAN (P32969) 60S ribosomal protein L9 [MASS=21863]	0.54	7.29	0.96	0.00	1	1	2	M[147]RPGVAC[339]SVSQAQK	1
RN5A_HUMAN (Q05823) 2-5A-dependent ribonuclease (EC 3.1.26.-) (2-5A-dependent RNase) (Ribonuclease L) (RNase L) (Ribonuclease 4) [MASS=83532]	0.00	4.18	0.95	0.00	1	1	3	LLKLFLSKGADVNEC[339]DFYGFATFMEAAVYGK	1
RNF17_HUMAN (Q9BXT8) RING finger protein 17 [MASS=73736]	0.00	5.82	0.86	0.00	1	2	2 3	ISSDMPVSLRDALVFM[147]ELAK YNNKKELSC[330]YDTYPPEK	1 1
ROBO3_HUMAN (Q96MS0) Roundabout homolog 3 precursor (Roundabout-like protein 3) [MASS=148208]	0.00	1.01	2.16	0.00	1	1	2	RARPDEGVYTC[339]VAR	1

RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	*	1.11	*	*	*	2	2	SIIFNQDGTM[147]TVEMK	1
							2	YC[330]KSTFENK	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	6.04	*	*	*	4	2	GEVLGITRFGGLAKMK	1
							2	SGTNEDDLTMKLTEIIFLNDVIKK	1
							2	LPPPTILKPVTLWTGKQIFSVILR	1
							2	TTIINEIQYTM[147]VVNHGMSIDR	1
RPC2_HUMAN (Q9NW08) DNA-directed RNA polymerase III subunit 127.6 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 2) (RPC2) [MASS=127784]	*	7.24	*	*	*	5	2	HM[147]RQDQITNGMVNAISTGNWSLK	1
							2	VM[147]ISSNAEDAFLIKMLLR	1
							3	GVEKVILIQEQLSKNR	1
							2	NTYQC[339]AMGKQAM[147]GTIGYNQR	1
							1	FKMDR	1
RPC5_HUMAN (Q9NVU0) DNA-directed RNA polymerases III 80 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 5) (RPC5) [MASS=79898]	0.00	3.11	0.48	0.00	1	1	2	KPDAQSGPAGLVC[330]GDQRIQVAK	1
RS16_HUMAN (P62249) 40S ribosomal protein S16 [MASS=16314]	1.00	6.21	1.03	0.00	2	1	2	TATAVAHC[330]K	1
							2	TATAVAHC[339]K	1
RS2_HUMAN (P15880) 40S ribosomal protein S2 (S4) (LLRep3 protein) [MASS=31324]	0.97	14.33	2.09	0.00	1	2	3	SLEEIYLFSLPIKESEIIDFFLGASLKDEVLK	1
							2	IGKPHTVPC[339]K	1
RS3A_HUMAN (P61247) 40S ribosomal protein S3a [MASS=29814]	0.99	13.31	0.94	0.00	1	2	2	AC[339]QSIYPLHDFVFR	1
							3	NC[330]LTNFHGM[147]DLTRDKM[147]C[330]SM[147]VK	1
RS4X_HUMAN (P62701) 40S ribosomal protein S4, X isoform (Single copy abundant mRNA protein) (SCR10) [MASS=29466]	0.82	12.21	2.42	0.00	1	2	2	FDTGNLC[339]M[147]VTGGANLGR	1
							3	LTGVFAPRPSTGPHK	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	0.00	3.42	1.75	0.00	1	3	2	YSSNDESESGSGSEK	1
							2	VLQAPPPDVGNGEVPK	1
							3	YLIKIC[339]QEFNSTWAWEMEK	1
RSP04_HUMAN (Q2I0M5) R-spondin-4 precursor (Roof plate-specific spondin-4) (hRspo4) [MASS=26171]	0.00	9.40	2.56	0.00	1	1	3	MRAPLC[339]LLLLVAHAVDMLALNR	1
RTC1_HUMAN (O00442) RNA 3'-terminal phosphate cyclase (EC 6.5.1.4) (RNA-3'-phosphate cyclase) (RNA cyclase) [MASS=39337]	0.00	5.19	0.62	0.00	1	1	2	VSTALSC[330]LLGLPLRVQKIR	1

RUSC2_HUMAN (Q8N2Y8) RUN and SH3 domain-containing protein 2 [MASS=161194]	*	1.72	*	*	*	1	2	NPIFEFPGSLSAASHLNC[330]RLNGQAVK	1
RYR1_HUMAN (P21817) Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RyR-1) (Skeletal muscle calcium release channel) [MASS=565172]	*	0.12	*	*	*	1	1	NTYVEK	1
RYR2_HUMAN (Q92736) Ryanodine receptor 2 (Cardiac muscle-type ryanodine receptor) (RyR2) (RyR-2) (Cardiac muscle ryanodine receptor-calcium release channel) (hRyR-2) [MASS=564495]	*	2.15	*	*	*	5	3	FLPPPGYAPC[330]YEAVLPKEKLK	1
							3	TLLYGHAILLRHSYSGM[147]YLC[339]C[330]LSTSR	1
							3	C[339]APEM[147]HLIHAGKGEAIR	1
							3	FLLGGRHGEFKFLPPPGYAPC[330]YEAVLPK	1
							3	TVAGGLPGAGLFGPK	1
							2	RHGLPGVGLR	1
							3	IDGTMDSPPC[330]LKVTHKTFGTQNSNADMIYC[339]R	2
							2	KEGSLKHGPEVGLGDLSEIIGK	1
							3	SEDDDEPDMKC[339]DDMMTC[330]YLFHMYVGVR	1
							2	SDDPAVKWQLNLYKDVLK	1
RYR3_HUMAN (Q15413) Ryanodine receptor 3 (Brain-type ryanodine receptor) (RyR3) (RyR-3) (Brain ryanodine receptor-calcium release channel) [MASS=551928]	0.00	5.11	0.52	0.00	1	12	2	M[147]ELFVNFC[330]EDTIFEM[147]QLASQISESDSADR	1
							3	C[339]VDILELC[339]EQEDLMRFHYHTLR	1
							3	YNELM[147]QALNM[147]SAALTARK	1
							2	TSRLGPLKR	1
							3	ELISQTM[147]IC[339]WAQEDQIQDSELVRMM[147]FNLLR	1
							2	FLPPSGYAPC[330]YEALLPKEK	1
							3	VKLPKNYM[147]M[147]SNGYK	1
S12A2_HUMAN (P55011) Solute carrier family 12 member 2 (Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1) (Basolateral Na-K-Cl symporter) [MASS=131446]	*	1.90	*	*	*	1	2	FGWIKGVLVRC[339]MLNIWGVMLFIR	1
S12A3_HUMAN (P55017) Solute carrier family 12 member 3 (Thiazide-sensitive sodium-chloride cotransporter) (Na-Cl symporter) [MASS=113138]	0.00	6.86	0.78	0.00	1	3	3	KGKC[330]PSSLYM[147]AWLETLSQDLR	1
							3	AQVLFFLVIM[147]VSFANYLVGTLIPPSEDKASK	1
							2	C[330]PSSLYMAWLETLSQDLR	1
S12A4_HUMAN (Q9UP95) Solute carrier family 12 member 4 (Electroneutral potassium-chloride cotransporter 1) (Erythroid K-Cl cotransporter 1) (hKCC1) [MASS=120649]	*	1.94	*	*	*	1	3	GIDYYDRNLALFEEELDIRPK	1

S12A6_HUMAN (Q9UHW9) Solute carrier family 12 member 6 (Electroneutral potassium-chloride cotransporter 3) (K-Cl cotransporter 3) [MASS=127616]	0.00	3.83	0.33	0.00	1	3	2	SMEGFQDLLNMRPDQSNVRR	1
							2	YM[147]ASRGQKAK	1
							2	VKGFC[330]QLVVAALKR	1
S14L1_HUMAN (Q92503) SEC14-like protein 1 [MASS=81277]	0.00	5.73	1.27	0.00	1	2	3	RFPTC[339]PLIPM[147]FVGSDTVSEFK	1
							3	IIEVVEANYPETLGRLLILR	1
S23A1_HUMAN (Q9UHI7) Solute carrier family 23 member 1 (Sodium-dependent vitamin C transporter 1) (hSVCT1) (Na(+)/L-ascorbic acid transporter 1) (Yolk sac permease-like molecule 3) [MASS=64815]	0.00	4.85	0.90	0.00	1	1	3	MFPIM[147]LAIM[147]TVWLLC[339]YVLTLDVLPDTPK	1
S27A1_HUMAN (Q6PCB7) Long-chain fatty acid transport protein 1 (EC 6.2.1.-) (Fatty acid transport protein 1) (FATP-1) (Solute carrier family 27 member 1) [MASS=71108]	*	5.57	*	*	*	1	3	FC[339]SGDLGPEGILPDTHLLDPLLKEASTAPLAQIPSK	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	*	9.33	*	*	*	3	3	FDGYLNQGANNK	1
							3	DPLFYLDAQKGRYVPLDQEAYSR	1
							2	YLLNQPPREAENQHQRVLMALGNGLR	1
S3TC2_HUMAN (Q8TF17) SH3 domain and tetratricopeptide repeats-containing protein 2 [MASS=144776]	0.00	6.21	3.61	0.00	1	4	2	C[339]VNGPLQEAAAR	1
							3	LLGFSPSPGWGEVSALAC[339]PMLR	1
							2	IFNKLTELQISLEGYEK	1
							3	SLYDFSFSFLTSSFYSFSEEDFVAYLEASR	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	12.79	0.86	0.30	2	3	3	LTGSYNTM[147]VGNNEGSMVLGLKLPNLLGR	1
							2	THFFLNAGNLC[339]NLNYGEGPK	1
							2	IC[330]DGVQFGAGIR	1
SAMD4_HUMAN (Q9UPU9) Sterile alpha motif domain-containing protein 4 [MASS=58610]	0.00	3.59	2.11	0.00	1	1	3	LESLC[339]LSM[147]TEHALGDGVDR	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	11.26	2.41	0.04	8	4	2	TEKEILDAFDK	1
							1	GC[339]SFLPDPYQK	1
							3	QC[339]DQFVAEYEPVLIEILVEVM[147]DPSFVC[339]LK	2
							3	QC[330]DQFVAEYEPVLIEILVEVMDPSFVC[330]LK	1
							2	SLPC[339]DIC[339]K	1
							2	GC[339]SFLPDPYQK	2
							2	GC[330]SFLPDPYQK	1

SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	6.77	0.37	0.37	3	2	2	C[339]IEENNGVDKR	1
							2	M[147]IILPLVVC[330]SLVSGAASLDASC[330]LGR	1
							2	C[330]IEENNGVDKR	1
SC10A_HUMAN (Q9Y5Y9) Sodium channel protein type 10 subunit alpha (Sodium channel protein type X subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.8) (Peripheral nerve sodium channel 3) (hPN3) [MASS=220564]	*	1.48	*	*	*	2	2	ALRTLRLALR	1
							2	C[330]INYYTDGEFSLVPLSIVNNK	1
SC11A_HUMAN (Q9UI33) Sodium channel protein type 11 subunit alpha (Sodium channel protein type XI subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.9) (Sensory neuron sodium channel 2) (Peripheral nerve sodium channel 5) (hNaN) [MASS=204947]	0.00	5.75	0.64	0.20	2	5	3	GDQGDQNDLENGPHSPLQTLIC[339]NGDLSSFGVAK	1
							2	FRR AFC[330]FVR	1
							1	VHC[330]D	1
							3	PNKYQFLVM[147]DLPM[147]VSEDRLHC[330]MDILFAFTAR	1
							2	TFASSMLC[330]LFQISTSGWDSLLSPM[147]LR	1
SC5A1_HUMAN (P13866) Sodium/glucose cotransporter 1 (Na+)/glucose cotransporter 1) (High affinity sodium-glucose cotransporter) [MASS=73498]	0.00	6.33	0.23	0.00	1	2	2	LM[147]PM[147]FIMVMPGM[147]ISRILYTEK	1
							2	VGC[330]TNIAYPTLVVELM[147]PNGLR	1
SC5A3_HUMAN (P53794) Sodium/myo-inositol cotransporter (Na+)/myo-inositol cotransporter) [MASS=79693]	0.00	2.23	0.42	0.00	1	1	2	C[330]SENNETINHIIPNGK	1
SCAR3_HUMAN (Q6AZY7) Scavenger receptor class A member 3 (Cellular stress response gene protein) [MASS=65136]	*	2.48	*	*	*	1	3	GDM[147]GVKGPVGGRGPK	1
SCN4A_HUMAN (P35499) Sodium channel protein type 4 subunit alpha (Sodium channel protein type IV subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.4) (Sodium channel protein, skeletal muscle subunit alpha) (SkM1) [MASS=208031]	0.00	3.92	1.60	0.00	1	4	2	EEEFQQM LEK	1
							3	EC[339]VC[330]KIALDC[339]NLPR	1
							3	GEAGDAGPTMGLMPISPSDTAWPPAPPPGQTVRPGVK	1
							2	GFC[339]VDDFTFLR	1
SCN8A_HUMAN (Q9UQD0) Sodium channel protein type 8 subunit alpha (Sodium channel protein type VIII subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.6) [MASS=225279]	0.00	2.07	0.23	0.00	1	3	3	EC[339]VC[330]KINQDC[330]ELPR	1
							2	LLPEATTEVEIKK	1
							3	ANC[330]IANHTGADIHR	1

SCOT2_HUMAN (Q9BYC2) Succinyl-CoA:3-ketoacid-coenzyme A transferase 2, mitochondrial precursor (EC 2.8.3.5) (Testis-specific succinyl CoA:3-oxoacid CoA-transferase) (SCOT-t) [MASS=56140]	*	1.74	*	*	*	1	2	DNTPKIM[147]EK	1
							3	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	2
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	16.54	1.33	0.11	10	5	3	GGHVDLTM[147]LGAMQVSKYGDLANWMIPGKM[147]VK	1
							3	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	2
							1	C[339]TLPLTGK	1
							2	STGC[330]DFAVSPK	1
							2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	3
							2	NFNLPM[147]C[339]K	1
SCRB1_HUMAN (Q8WTV0) Scavenger receptor class B member 1 (SRB1) (SR-BI) (CD36 antigen-like 1) (CD36 and LIMPII analogous 1) (CLA-1) (Collagen type I receptor, thrombospondin receptor-like 1) [MASS=60878]	0.00	10.69	0.31	0.00	1	2	3	WAAGALGVAGLLC[330]AVLGAVMIVMVPSLIK	2
							3	EIPIPFYLSVYFFDVM[147]NPSEILKGEKPQVR	1
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	0.99	3.86	0.73	0.00	1	1	2	SSPC[330]IHYFTGTPDPSR	1
SEHL2_HUMAN (Q9NQF3) Serine hydrolase-like protein 2 (EC 3.1.-.-) [MASS=22471]	0.00	5.42	0.75	0.00	1	1	2	IPSGSC[339]RPMSC[339]	1
SELO_HUMAN (Q9BVL4) Selenoprotein O [MASS=73442]	*	2.84	*	*	*	1	3	STLSGAAMEPAPRWLAGLR	1
SELS_HUMAN (Q9BQE4) Selenoprotein S (VCP-interacting membrane protein) [MASS=21116]	0.00	11.11	0.69	0.00	1	1	2	GGGYNPLSGEGGGAC[330]SWRPGR	1
SEM4F_HUMAN (O95754) Semaphorin-4F precursor (Semaphorin W) (Sema W) (Semaphorin M) (Sema M) [MASS=83511]	*	3.64	*	*	*	1	3	PRPGPGQPTASPFLLLLAVLSGPVSGR	1
SEM4G_HUMAN (Q9NTN9) Semaphorin-4G precursor [MASS=91496]	*	4.18	*	*	*	2	3	ESKASAVGDDDKVYYFFTER	1
							3	LHPLM[147]ARPVVPTRGR	1

SEPR_HUMAN (Q12884) Seprase (EC 3.4.21.-) (Fibroblast activation protein alpha) (Integral membrane serine protease) (170 kDa melanoma membrane-bound gelatinase) [MASS=87793]	0.00	7.11	5.21	0.00	1	3	3	YSYTATYYIYDLSNGEFVRGNELPR	1
							3	VTQDSLIFYSSNEFEEYPGR	1
							3	C[339]VTC[339]HLRKER	1
SEPT2_HUMAN (Q15019) Septin-2 (Protein NEDD5) [MASS=41487]	0.00	6.65	1.69	0.00	1	1	3	VHC[339]C[339]FYFISPFHGLKPLDVAFMK	1
SEPT5_HUMAN (Q99719) Septin-5 (Peanut- like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	1.00	5.96	0.63	0.16	3	2	2	DVTC[330]DVHYENYR	1
							2	AHC[330]IQQM[147]TSK	1
							2	AHC[330]IQQMTSK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	3.20	0.67	0.01	2	1	2	ADTLTPEEC[330]QQFKK	1
							2	ADTLTPEEC[339]QQFKK	1
SERA_HUMAN (O43175) D-3- phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	0.98	5.26	0.83	0.00	1	2	2	FM[147]GTELNGK	1
							3	ALVDHENVISC[330]PHLGASTK	1
SETBP_HUMAN (Q9Y6X0) SET-binding protein (SEB) [MASS=169631]	*	2.79	*	*	*	2	3	SSYDSSMSPGM[147]PSPHLK	1
							3	ASKNNFEVDLSTLSLSDAQHWTQAK	1
SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	*	3.66	*	*	*	5	2	KC[339]LAPIANTTNGQGCG[339]TDYVSEVVK	1
							3	LSDC[339]ESTDVKRAGSHTAQNSDVFVPESDR	1
							2	NEGQSDTNKRELVGNDFK	1
							2	M[147]KKELPSHVQAMHK	1
							2	AMSLLGSRNQLAR	1
SFR14_HUMAN (Q8IX01) Putative splicing factor, arginine/serine-rich 14 (Arginine/serine- rich-splicing factor 14) [MASS=120236]	*	0.74	*	*	*	1	2	WAGFHTIK	1
SFRP2_HUMAN (Q96HF1) Secreted frizzled- related protein 2 precursor (sFRP-2) (Secreted apoptosis-related protein 1) (SARP-1) (Frizzled- related protein 2) (FRP-2) [MASS=33490]	*	7.80	*	*	*	1	3	EVLEQAGAWIPLVM[147]KQC[339]HPDTHK	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.79	5.92	0.92	0.00	1	1	2	FVPFAAVAAANC[339]INIPLM[147]R	1
SG1C1_HUMAN (Q8TD33) Secretoglobulin family 1C member 1 precursor (Secretoglobulin RYD5) [MASS=10457]	0.00	14.74	2.79	0.00	1	1	2	ALLLVALTLFC[339]IC[339]R	1
SGOL2_HUMAN (Q562F6) Shugoshin-like 2 (Tripin) [MASS=144738]	0.00	4.66	1.22	0.15	2	3	2	VTIYENLDVTNEFHTANLSTK	1
							2	ENFALEC[339]SPAFQVSDDEHEK	1
							2	MEC[330]PVMETGSLFTSGIKR	1

SGTB_HUMAN (Q96EQ0) Small glutamine-rich tetratricopeptide repeat-containing protein B (Small glutamine-rich protein with tetratricopeptide repeats 2) [MASS=33429]	*	4.28	*	*	*	1	3	LGHYTDAIKDC[330]EK	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812]	1.00	6.76	0.29	0.33	7	2	2	ATPQHTVSFTC[330]ESHGFSPR	2
							3	ATPQHTVSFTC[330]ESHGFSPR	1
							3	ATPQHTVSFTC[339]ESHGFSPR	1
							2	ATPQHTVSFTC[339]ESHGFSPR	1
							2	LTC[339]QVEHDGQPAVSK	1
							2	LTC[330]QVEHDGQPAVSK	1
SI1L1_HUMAN (O43166) Signal-induced proliferation-associated 1-like protein 1 (High-risk human papilloma viruses E6 oncoproteins targeted protein 1) (E6-targeted protein 1) [MASS=199940]	*	1.94	*	*	*	2	2	LIDLESPTPESQK	1
							3	EKSKPYPGAELSSM[147]GAIVWAVR	1
							3	ATPEHTVSFTC[330]ESHGFSPR	1
							3	GLQLTWLENGNVS	7
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	1.00	8.29	0.23	0.08	2	2			
							2	ATPEHTVSFTC[330]ESHGFSPR	1
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.99	16.71	0.50	0.00	1	3	2	C[330]EDC[330]QSLVKPDIVFFGESLPAR	1
							2	DVAWLGECC[330]DQGC[339]LALAELLGWKK	1
							3	RVIC[330]LVGAGISTSAGIPDFR	1
SIRT7_HUMAN (Q9NRC8) NAD-dependent deacetylase sirtuin-7 (EC 3.5.1.-) (SIR2-like protein 7) [MASS=44898]	0.00	3.25	0.87	0.00	1	1	2	RQEEVC[339]DDPEELR	1
SKI_HUMAN (P12755) Ski oncogene (C-ski) [MASS=80005]	0.00	4.40	1.21	0.00	1	1	3	C[339]TADQLEILKVMGILPFSAPSC[339]GLITKTDAR	1
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	0.00	2.41	2.45	0.00	1	2	3	C[339]AGPQDM[147]EGKLLLTTPAK	1
							2	NNRISC[330]IHNSFTGLRNVR	1
SLIT3_HUMAN (O75094) Slit homolog 3 protein precursor (Slit-3) (Multiple epidermal growth factor-like domains 5) [MASS=167685]	*	1.18	*	*	*	1	3	SRFSSEC[339]FM[147]DLVC[330]PEKC[339]R	1

SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	*	7.27	*	*	*	4	2	GYEYC[339]R	3
							3	LFELLEKEILYYR	1
							3	C[339]C[330]NHPYLFDDGAEPGPPYTTDEHIVSNSGK	1
							3	NIPGPHM[147]VLVPKSTLHNWM[147]NEFK	1
SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	0.00	6.33	0.17	0.12	2	2	2	RLC[330]GLKVEVDM[147]EK	2
							3	LWEIGKIIGGM[147]WR	1
SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]	*	8.99	*	*	*	2	3	TQPKPIC[339]ASDGRSYESMC[330]EYQR	1
							3	LLTPHLLLVQLSPAR	1
SMOC2_HUMAN (Q9H3U7) SPARC-related modular calcium-binding protein 2 precursor (Secreted modular calcium-binding protein 2) (SMOC-2) (Smooth muscle-associated protein 2) (SMAP-2) [MASS=49674]	0.00	3.36	*	*	*	1	2	C[330]VKKFVEYC[339]DVNNDK	1
SMOO_HUMAN (P53814) Smoothelin [MASS=99516]	*	6.22	*	*	*	3	3	SPLSAEELMTIEDEGVLDKMLDQSTDFEERK	1
							2	SC[330]PQEEGPRGR	1
							2	C[330]VFTYQSLYNHLRR	1
SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	*	1.29	*	*	*	1	2	AGGVGLNLSAASR	1
SMYD3_HUMAN (Q9H7B4) SET and MYND domain-containing protein 3 (EC 2.1.1.43) (Zinc finger MYND domain-containing protein 1) [MASS=49083]	0.00	4.67	0.26	0.00	1	1	2	EHSIEDLILLLEEC[330]DANIR	2
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	12.42	0.90	0.02	2	2	2	AALC[339]HFIVDELNAK	1
							2	AIEIYEQVGANTM[147]DNPLLKYSK	1
							2	AALC[330]HFIVDELNAK	1

SNAT_HUMAN (Q16613) Serotonin N-acetyltransferase (EC 2.3.1.87) (Aralkylamine N acetyltransferase) (AA-NAT) (Serotonin acetylase) [MASS=23344]	0.00	6.76	0.52	0.00	1	1	2	LPPGIPESPSC[330]QRR	1
SNX23_HUMAN (Q96L93) Kinesin-like motor protein C20orf23 (Sorting nexin-23) [MASS=152010]	*	5.39	*	*	*	4	3	SYTM[147]M[147]GNSGDSGLIPR	1
							3	DPIKISIPRYVLC[330]GQGK	1
							2	ERTKTFTYDFSFYADTK	1
							3	LQDLHRVISEGC[330]STSADTMK	1
SNX4_HUMAN (O95219) Sorting nexin-4 [MASS=51908]	0.00	3.78	0.86	0.00	1	2	2	YSEFELLR	1
							2	IASHPILC[330]R	1
SO5A1_HUMAN (Q9H2Y9) Solute carrier organic anion transporter family member 5A1 (Solute carrier family 21 member 15) (Organic anion transporter polypeptide-related protein 4) (OATP-RP4) (OATPRP4) [MASS=91878]	*	4.13	*	*	*	2	2	TYLNENGYAVSGKC[330]KR	1
							2	SC[330]PAFSTQGEFHEETGLQK	1
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	0.99	27.45	0.71	0.00	1	2	3	HVGD LGNVTADKDG VADVSIEDSVISL SGDHC[330]IIGR	1
							1	VWGSIK	1
SOM2_HUMAN (P01242) Growth hormone variant precursor (GH-V) (Placenta-specific growth hormone) (Growth hormone 2) [MASS=24999]	*	11.06	*	*	*	1	3	TGQIFNQSYSKFDTKSHNDDALLK	1
SON_HUMAN (P18583) SON protein (SON3) (Negative regulatory element-binding protein) (NRE-binding protein) (DBP-5) (Bax antagonist selected in saccharomyces 1) (BASS1) [MASS=263845]	0.00	2.80	1.43	0.00	1	4	2	C[339]VSVQTDPTDEIPTKK	1
							3	LTDLDKAQLLEIAK	1
							2	PLM[147]LASRRSMMM[147]SYAAER	1
							2	SM[147]M[147]SMGADRSM[147]SSYSAADR	1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.67	10.10	0.73	0.00	1	1	3	C[330]LTQSGIAGGYKPFNLETC[330]R	1
							3	C[330]LTQSGIAGGYKPFNLETC[339]R	1
SORT_HUMAN (Q99523) Sortilin precursor (Neurotensin receptor 3) (NTR3) (NT3) (Glycoprotein 95) (Gp95) (100 kDa NT receptor) [MASS=92067]	0.00	7.58	*	*	*	3	2	TIGVKIYSFGLGGRFLFASVM[147]ADK	1
							3	TEFGMAIGPENSGKVVLTAEVSGGSRGGR	1
							2	FLFASVM[147]ADK	1
SPAG1_HUMAN (Q07617) Sperm-associated antigen 1 (Infertility-related sperm protein Spag-1) (HSD-3.8) [MASS=103600]	*	1.62	*	*	*	1	2	C[330]SDVKHLEKILC[330]VLR	1

SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	0.00	3.29	0.60	0.00	1	1	2	EAM[147]LEMLLQHQC[330]K	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	*	4.22	*	*	*	1	2	SSGAAPAPASASAPAPVPGGEAERVR	1
SPN90_HUMAN (Q9NZQ3) SH3 adapter protein SPIN90 (NCK-interacting protein with SH3 domain) (SH3 protein interacting with Nck, 90 kDa) (VacA-interacting protein, 54 kDa) (VIP54) (AF3p21) (Diaphanous protein-interacting protein) (Dia-interacting protein 1) [MASS=78960]	*	6.23	*	*	*	2	3	ILNEEETSPQC[339]QMDRM[147]IVREMC[330]K	1
							3	M[147]C[330]KRNEFESVLALVAYYQM[147]EHR	1
SPSY_HUMAN (P52788) Spermine synthase (EC 2.5.1.22) (Spermidine aminopropyltransferase) (SPMSY) [MASS=41268]	*	3.28	*	*	*	1	3	ELSQDSTGRVKR	1
SPT5H_HUMAN (O00267) Transcription elongation factor SPT5 (hSPT5) (DRB sensitivity-inducing factor large subunit) (DSIF large subunit) (DSIF p160) (Tat-cotransactivator 1 protein) (Tat-CT1 protein) [MASS=120999]	*	1.29	*	*	*	1	3	IGEERATAISLM[147]RK	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	*	1.90	*	*	*	3	3	HASLM[147]KRWSQLLANSAAR	1
							2	EFSMMFK	1
							2	DVTGAEALLERHQEHRTEIDAR	1
							2	EKEQIYSSLDYGKDLTSVLILQR	1
							2	AVASEDMPESLPEAEQLLQQHAGIK	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	0.97	4.68	0.95	0.00	1	6	3	LWSYLQELLQSR	1
							3	EVSAQWDQLKDAAFC[330]KK	1
							2	IHC[330]LENVDK	1
							2	LWSYLQELLQSRR	1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	0.97	1.92	*	*	*	2	3	M[147]SSTLSPTDFDSLEIQGQYSDINNR	1
							2	DAAEAEAWMGEQELHM[147]M[147]GQEK	1
SQRD_HUMAN (Q9Y6N5) Sulfide:quinone oxidoreductase, mitochondrial precursor (EC 1.-.-) [MASS=49960]	*	6.44	*	*	*	2	2	YDGYTSC[330]PLVTGYNR	1
							3	ADLMPFLYWNMM[147]LR	2

SRC_HUMAN (P12931) Proto-oncogene tyrosine-protein kinase Src (EC 2.7.10.2) (p60-Src) (c-Src) (pp60c-src) [MASS=59703]	*	12.52	*	*	*	3	3 2 2	LPQLVDM[147]AAQIASGM[147]AYVERM[147]NYVHR ESETTKGAYC[330]LSVSDFDNAKGLNVK DLRAANILVGENLVC[339]JK	1 1 1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.00	9.72	*	*	*	2	3 2	NFFEPTLLC[330]NVTQDM[147]LC[339]THEETFGPLAPVIK NLRVGNGFEEGTTQGPLINEK	1 1
SSR3_HUMAN (P32745) Somatostatin receptor type 3 (SS3R) (SSR-28) [MASS=45847]	0.00	4.07	0.65	0.00	1	1	2	GM[147]STC[330]HMQWPEPAAAWR	1
ST18_HUMAN (O60284) Suppression of tumorigenicity protein 18 (Zinc finger protein 387) [MASS=115154]	*	1.43	*	*	*	1	3	C[339]PVIGC[339]DGQGHISGK	1
STAB2_HUMAN (Q8WWQ8) Stabilin-2 precursor (FEEL-2 protein) (Fasciclin EGF-like laminin-type EGF-like and link domain-containing scavenger receptor 1) (FAS1 EGF-like and X-link domain-containing adhesion molecule 2) (Hyaluronan receptor for endocytosis) [MASS=277027]	0.00	4.94	*	*	*	7	3 3 3 2 2 3 2	STVC[339]KYDGPQGSHC[339]EC[330]K M[147]KDVNC[339]TC[330]K C[339]PDGYTM[147]ITSGSVGVRDC[330]R DLVGPGPFTVFAPLSAAFDEEARVK VLEIQKNRC[330]DNNDTTIIR SC[330]ALNLGVKC[330]PDGYTM[147]ITSGSVGVR GVKQKC[330]LYNLPFK	1 1 1 1 1 1 1
STAG2_HUMAN (Q8N3U4) Cohesin subunit SA-2 (Stromal antigen 2) (SCC3 homolog 2) [MASS=141326]	*	1.38	*	*	*	1	3	TVYVYLEKFMTFQMSLR	1
STAR_HUMAN (P49675) Steroidogenic acute regulatory protein, mitochondrial precursor (Star) (StARD1) [MASS=31914]	0.00	7.02	1.18	0.00	1	1	2	GSTC[339]VLAGMATDFGNM[147]PEQK	1
STS_HUMAN (P08842) Steryl-sulfatase precursor (EC 3.1.6.2) (Steroid sulfatase) (Steryl-sulfate sulfohydrolase) (Arylsulfatase C) (ASC) [MASS=65492]	0.00	7.72	6.52	0.00	1	3	2 3 3	DC[339]KPGEGSVFTTGFK PGEFSVFTTGFKR IIDGRDLM[147]PLLEGKSQR	1 2 1
STX11_HUMAN (O75558) Syntaxin-11 [MASS=33196]	0.00	5.92	1.40	0.00	1	1	2	AMHDYNQAEM[147]KQRDNC[339]K	1

STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	7.41	0.57	0.31	5	4	2	M[147]LSSC[330]C[330]K	1
							2	YSTHLHLAEDC[330]MK	1
							2	YSTHLHLAEDC[339]M[147]K	1
							2	HYQGTVDKLC[330]R	2
							1	LAEQIATLC[330]ATLK	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.94	9.50	5.60	0.00	1	2	2	ILAC[339]DDLDEAAR	1
							3	LYSLFLKYDATM[147]IEINPM[147]VEDSDGAVLC[339]M[147]DAK	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	0.98	13.38	1.01	0.00	1	3	2	ESSPKQYM[147]QLGGR	1
							2	SM[147]FAGVPTMR	1
							2	LC[330]LISTFLEDGIR	1
SV2A_HUMAN (Q7L0J3) Synaptic vesicle glycoprotein 2A [MASS=82695]	0.69	3.37	*	*	*	1	2	AAPILFASAALALGSSLALKLPETR	1
							3	RLNNKVGGM[147]HETVLTVTGK	1
							3	GSLERANPPITHLGDEPK	1
							3	ELAEQGEPDSSSTLSLAEKLALFNK	1
							3	VQASKNPLKM[147]LAAR	6
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	*	5.60	*	*	*	7			
							3	SRTSM[147]VVLNVNKALIYLWHGC[330]K	1
							2	RLMLLQIK	1
							2	GRGAANDSTQFTVAGRM[147]VK	1
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	*	10.54	*	*	*	5	3	NAQVRGGYVLHIGTIYGDLKVGQVWLFIDEPR	1
							2	ARGLEVTDSPK	1
							2	QIWQNLGLDDTKILPGNMK	1
							3	LAQLKSQKGAGGEDLIMLDIYAIEELR	1
							3	C[339]LSVM[147]EAKVK	1
SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	0.99	3.06	1.12	0.00	1	2	2	VTVRFPEASGYLHIGHAK	1
							3	YNVYPTYDFAC[339]PIVDSIEGVTHALR	1

SYFA_HUMAN (Q9Y285) Phenylalanyl-tRNA synthetase alpha chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase alpha chain) (PheRS) (CML33) [MASS=57432]	0.00	2.56	6.58	0.00	1	1	2	VNLQM[147]VYDSPLC[330]R	1
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	1.00	6.79	1.81	0.00	2	3	2	LHQNIC[339]R	1
							3	DRYDSFIELQEKLHQNIC[339]R	1
							2	TKEYTAC[339]ELMNIYK	1
							2	LHQNIC[330]R	1
SYGP1_HUMAN (Q96PV0) Ras GTPase-activating protein SynGAP (Synaptic Ras-GTPase-activating protein 1) (Synaptic Ras-GAP 1) (Neuronal RasGAP) [MASS=146675]	0.67	4.82	0.79	0.00	1	3	2	FC[339]IISGNQLLMLDEDEIHPLLIR	1
							2	PSSGNLLQSPEPSYGPAP	1
							2	LM[147]LVEEELRRDHPAM[147]AEPLPEPK	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	1.00	6.72	1.86	0.03	2	3	3	VASVASTLETTTETISTLSGVDLENGTC[330]SHPLIPDK	1
							2	SC[339]QTALVEILDVIVR	1
							2	TALAEAELEYNPEHVS	1
							3	MATSRGASRC[339]PR	1
							2	LQDM[147]YDELM[147]MIIGSR	1
							2	LHKQWKDLQGEAPYHLLHLK	1
							3	ASQLEKTGNDASKATLSR	1
							3	YKSLQQTVLSEPSVKSVR	1
SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	*	2.26	*	*	*	12	2	ELGQTWANLDHM[147]VGQLKILLK	1
							2	TLEVLLKDMK	1
							2	HFKEFDK	1
							3	GLLQDALMQC[339]QGFHEM[147]SHGLLLMLENIDR	1
							2	LYDLPAK	1
							2	EM[147]FATM[147]SKLKEQLTK	1
							3	VASLQDMSC[330]QLLVNAEGTDC[339]LEAK	1
SYNPR_HUMAN (Q8TBG9) Synaptoporin [MASS=29166]	*	8.30	*	*	*	1	2	GLSDVKVATDPKEVLLLM[147]SAC[339]K	1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	5.75	0.49	0.05	4	2	2	LHQVYFDAPTC[339]R	1
							3	LHQVYFDAPTC[330]R	1
							2	LHQVYFDAPTC[330]R	1
							2	EM[147]PVC[330]R	1
SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (Sytl) (p65) [MASS=47573]	0.88	2.13	0.55	0.00	1	1	2	LGDIC[330]FSLR	1

SYW_HUMAN (P23381) Tryptophanyl-tRNA synthetase (EC 6.1.1.2) (Tryptophan--tRNA ligase) (TrpRS) (IFP53) (hWRS) [MASS=53165]	0.00	6.79	2.14	0.00	1	2	3 2	QFGGNC[339]DVDVSFMYLTFFLEDDDK EVTDEIVK	1 1
TAB3_HUMAN (Q8N5C8) Mitogen-activated protein kinase kinase kinase 7-interacting protein 3 (TAK1-binding protein 3) (NF-kappa-B-activating protein 1) [MASS=78652]	0.00	2.11	1.62	0.00	1	1	2	VSC[339]TTAIPTEEM[147]TR	1
TAD2L_HUMAN (O75478) Transcriptional adapter 2-like (ADA2-like protein) [MASS=51496]	*	5.42	*	*	*	1	3	LVPGAYLEYKSALLNEC[339]NKQGGLR	1
TAF3_HUMAN (Q5VWG9) Transcription initiation factor TFIID subunit 3 (TBP-associated factor 3) (Transcription initiation factor TFIID 140 kDa subunit) (140 kDa TATA box-binding protein-associated factor) (TAF140) (TAFII140) [MASS=103581]	0.00	0.75	*	*	*	1	1	VGAGQDK	1
TAP1_HUMAN (Q03518) Antigen peptide transporter 1 (APT1) (Peptide transporter TAP1) (ATP-binding cassette sub-family B member 2) (Peptide transporter PSF1) (Peptide supply factor 1) (PSF-1) (Peptide transporter involved in antigen processing 1) [MASS=80964]	*	5.48	*	*	*	2	2 2	QETEFFQQNQGTGNIM[147]SR LSLFLVLVVLSSLGEMAIFFTGR	1 1
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	0.00	4.99	0.79	0.00	1	2	2 2	SVTVTAAQKEKDATPEVSMEEK HC[330]FTGSYPVIEPLLK	1 1
TAU_HUMAN (P10636) Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	*	3.30	*	*	*	2	2 3	IPAKTPPAPK TKIATPRGAAPPGQK	1 1

								2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
								3	LSDQC[330]TGLQGFLVFHSFGGGTSGGFTSLLMER	1
								2	LISQIVSSITASLR	1
								2	YMAC[330]C[330]LLYR	1
								2	SIQFVDWC[339]PTGFK	1
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	20.54	0.72	0.22	8	5		2	YM[147]AC[339]C[339]LLYR	1
								1	SIQFVDWC[339]PTGFK	1
								3	LSDQC[339]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	1
								2	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
								3	LSDQC[330]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	4
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	4.89	*	*	*	2		2	TIQFVDWC[330]PTGFK	1
								2	YM[147]AC[330]C[330]M[147]LYR	1
								3	LADQC[330]TGLQGFLVFHSFGGGTSGGFTSLLMER	2
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.07	0.02	8	1		3	LADQC[339]TGLQGFLVFHSFGGGTSGGFTSLLMER	3
								3	LADQC[330]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	2
TBA6_HUMAN (Q9BQE3) Tubulin alpha-6 chain (Alpha-tubulin 6) [MASS=49895]	1.00	5.35	0.51	0.00	1	1		3	AYHEQLTVAEITNAC[330]FEPANQM[147]VK	1
TBA8_HUMAN (Q9NY65) Tubulin alpha-8 chain (Alpha-tubulin 8) [MASS=50093]	1.00	5.35	*	*	*	1		3	AYHEQLSVAEITSSC[330]FEPNSQMVK	1
TBB1_HUMAN (Q9H4B7) Tubulin beta-1 chain [MASS=50327]	*	6.87	*	*	*	2		3	FPGQLNADLRKLAVNM[147]VPFPR	1
								2	VSEHFSAM[147]FK	1

TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*	6	3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
							2	NM[147]MAAC[330]DPR	1
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	2
							2	NM[147]M[147]AAC[339]DPRHGR	1
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
							1	TAVC[330]DIPPR	1
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
							3	LTTPTYGDLNHLVSATMSGVTTC[330]LR	1
							2	NM[147]M[147]AAC[330]DPR	3
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							3	EAESC[339]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							2	TAVC[330]DIPPR	2
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	3
							2	TAVC[339]DIPPR	3
							2	NM[147]M[147]AAC[339]DPR	2
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*	6	3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
							2	EIVHIQAGQC[339]GNQIGAK	3
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.81	0.18	36	2	2	EIVHIQAGQC[330]GNQIGAK	2
							2	M[147]REIVHIQAGQC[339]GNQIGAK	1
							3	M[147]REIVHIQAGQC[330]GNQIGAK	1
							2	M[147]REIVHIQAGQC[330]GNQIGAK	2
TBB4_HUMAN	1.00	4.05	*	*	*	1	3	M[147]AATFIGNSTAIQELFKR	1

TBCD2_HUMAN (Q9BYX2) TBC1 domain family member 2 (Prostate antigen recognized and identified by SEREX) (PARIS-1) [MASS=104165]	0.00	2.73	1.10	0.00	1	1	3	DDM[147]EAYRTQNC[339]FLNFEIHQVTKIWR	1
TBCD4_HUMAN (O60343) TBC1 domain family member 4 (Akt substrate of 160 kDa) (AS160) [MASS=146562]	*	2.31	*	*	*	2	3	EDAKPSKDNEAFYNSQK	1
							3	PEAGGC[339]GAPAAAR	1
TBCD8_HUMAN (O95759) TBC1 domain family member 8 (Vascular Rab-GAP/TBC-containing protein) (AD 3) [MASS=102676]	0.00	4.91	1.56	0.00	1	2	2	AFVSC[339]LDIM[147]YNGEM[147]NEK	1
							3	SPLM[147]HPDALVTAFQQSGSQSPDSRM[147]SR	1
TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	*	7.55	*	*	*	6	3	M[147]SPGRSRGPGGDPHHM[147]NPHM[147]TFSER	1
							3	YHYPC[339]AIDADC[339]LLHEENFSVR	1
							2	LLHSSKEGADKAFNSYAHLSHSQDIK	1
							2	KQQQPPPPPPQPPQIPEGSADGEPK	1
							2	VKTETHAETVTAGKEPPGAMTSTTSQK	1
							3	C[330]ELGAVC[339]TIINAEETTKLVGR	1
TCGAP_HUMAN (O14559) TC10/CDC42 GTPase-activating protein (Sorting nexin-26) [MASS=137212]	*	2.33	*	*	*	1	2	STDSDLGPGEGSVQPLPTAGGPSVKGKPGK	1
TCPH_HUMAN (Q99832) T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) [MASS=59366]	0.99	12.34	0.80	0.00	1	3	2	TATQLAVNK	1
							3	INALTAASEAAC[339]LIVSVDETIGNPR	1
							3	QQLLIGAYAKALEIIPRQLC[339]DNAGFDATNINLK	1
TCPQ_HUMAN (P50990) T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) (NY-REN-15 antigen) [MASS=59489]	0.92	9.87	0.46	0.00	1	3	3	ALHVPKAPGFAQMLK	1
							3	ELAQTTRTAYGPNGM[147]NKM[147]VINHLEK	1
							2	AHEILPNLVC[330]C[330]SAK	1
TCRG1_HUMAN (O14776) Transcription elongation regulator 1 (TATA box-binding protein-associated factor 2S) (Transcription factor CA150) [MASS=123959]	*	1.18	*	*	*	1	2	ADVDKIIQEPCHK	1
TDG_HUMAN (Q13569) G/T mismatch-specific thymine DNA glycosylase (EC 3.2.2.-) [MASS=46053]	0.00	5.61	0.79	0.00	1	1	2	C[330]LFMSGLSEVQLNHMDHTLPGK	1
TDRD6_HUMAN (O60522) Tudor domain-containing protein 6 (Aantigen NY-CO-45) (Fragment) [MASS=85665]	*	3.85	*	*	*	1	3	MSLHLHGADC[339]DPKTQNEM[147]NIC[330]EEEFVEYK	1
TDRKH_HUMAN (Q9Y2W6) Tudor and KH domain-containing protein [MASS=67024]	*	1.65	*	*	*	1	2	IIGRGGETIR	1

TEBP_HUMAN (Q15185) Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Telomerase-binding protein p23) (Hsp90 co-chaperone) (Progesterone receptor complex p23) [MASS=18697]	0.99	10.62	0.84	0.00	1	1	2	HLNEIDLFHC[330]IDPNDSK	1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.51	1.47	0.79	0.00	1	2	2	C[330]PTDC[330]SSR	1
							2	C[339]PTDC[339]SSR	1
							3	GHEFSIPFVEM[147]K	1
							1	VGISSR	5
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	0.00	0.80	*	*	*	2			
							3	C[330]SPEGEWTTGNM[147]WQK	1
TESK2_HUMAN (Q96S53) Dual specificity testis-specific protein kinase 2 (EC 2.7.12.1) (Testicular protein kinase 2) [MASS=63639]	0.00	6.83	0.54	0.00	1	2	3	SLPGSPEFLHQEAC[330]PFVGR	1
							2	M[147]NTLSSNRANMLKEVQLM[147]NR	1
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	0.00	2.62	0.77	0.00	1	4	2	IPTLQINKLQPTETESDKYMK	1
							3	ISLYGLEHIFFDAAKNLVWK	1
							3	PGILGVNHTPILPAHSETC[330]K	1
							2	ISLYGLEHIFFDAAKNLVWK	1
							2	DQNIPHKDLRR	1
TEX9_HUMAN (Q8N6V9) Testis-expressed sequence 9 protein [MASS=44826]	0.00	6.39	1.02	0.00	1	2	2	LHVM[147]QEELDNVVC[330]EC[330]NK	1
							1	GELM[147]IGFK	2
TF7L1_HUMAN (Q9HCS4) Transcription factor 7-like 1 (HMG box transcription factor 3) (TCF-3) [MASS=62630]	0.00	3.23	*	*	*	1	2	VVAEC[330]TLKESAAINQILGR	1
TF7L2_HUMAN (Q9NQB0) Transcription factor 7-like 2 (HMG box transcription factor 4) (T-cell-specific transcription factor 4) (TCF-4) (hTCF-4) [MASS=67918]	0.00	5.49	*	*	*	2	1	RQDGGLFK	1
							3	SSLVNESETNQNSSDSEAERRPPPR	1
THAP6_HUMAN (Q8TBB0) THAP domain-containing protein 6 [MASS=25690]	0.00	5.86	0.31	0.00	1	1	2	M[147]VKC[330]C[330]SAIGC[330]ASR	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	10.77	1.46	0.08	3	2	2	IHMGC[339]AENTAK	1
							2	IHM[147]GSC[339]AENTAK	1
							3	AIM[147]M[147]ASQSLM[147]C[339]GHQDVMVAGGMESMSNPYVMNR	1

THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	1.00	15.87	1.69	0.05	2	3	3	ISREEC[339]DKYALQSQQR	1
							3	IVGYFVSGC[339]DPSIM[147]GIGPVPAISGALKKAGLSLK	1
							2	EEC[339]DKYALQSQQR	1
THRB_HUMAN (P00734) Prothrombin precursor (EC 3.4.21.5) (Coagulation factor II) [Contains: Activation peptide fragment 1; Activation peptide fragment 2; Thrombin light chain; Thrombin heavy chain] [MASS=70036]	0.00	5.47	0.89	0.00	1	2	2	WYQM[147]GIVSWGEGC[339]DR	1
							2	SEGSSVNLSPPLEQC[339]VPDR	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.99	8.70	0.48	0.00	1	1	2	VTSLTAC[330]LVDQSLR	1
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	0.39	56.67	1.54	0.00	1	3	3	AQQLAAEELEVEMM[147]ADMYNRMTSAC[330]HRK	1
							2	C[339]VPPHYK	1
							2	MGKKLTLSM[147]QDEELM[147]K	1
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	1.00	34.74	1.36	0.19	3	2	2	C[330]IGKPGGSLDNSEQK	1
							2	C[339]IGKPGGSLDNSEQK	1
							2	C[330]IAMC[330]MDRYMDAWNVTISR	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	1.00	35.96	1.53	0.02	3	2	2	EVKPEETTC[339]SEHC[339]LQK	1
							3	EVKPEETTC[330]SEHC[330]LQK	1
							2	LTETC[339]FLDC[339]VKDFTR	1
TKT_HUMAN (P29401) Transketolase (EC 2.2.1.1) (TK) [MASS=67877]	*	3.85	*	*	*	2	1	GLITKA	1
							2	GITGVEDKESWHGKPLPK	1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	0.98	1.85	1.43	0.00	1	3	2	LARSLRTYGVSFFLVK	1
							2	HTSALC[330]NAC[330]R	1
							3	HC[339]NVVKTM[147]QFEPSTAVYDAC[330]R	1
TLR4_HUMAN (O00206) Toll-like receptor 4 precursor (hToll) (CD284 antigen) [MASS=95679]	0.00	6.08	0.49	0.00	1	2	3	TC[330]IQGLAGLEVHRLVLGEFRNEGNLEK	1
							3	QQVELYRLLSRNTYLEWEDSVLGR	1
TLR5_HUMAN (O60602) Toll-like receptor 5 precursor (Toll/interleukin-1 receptor-like protein 3) [MASS=97725]	0.00	2.80	1.48	0.00	1	1	2	C[339]LSDLNSALIMVVVGSLSQYQLMK	1
TMEM8_HUMAN (Q9HCN3) Transmembrane protein 8 precursor (M83 protein) [MASS=84716]	0.00	10.51	0.82	0.00	1	3	2	AATLLLTLSNLM[147]FLAPIAVSVR	1
							3	GMWNMLGPC[330]LFAFVIM[147]ASMWAYR	1
							3	AGTGTGGEAAVAVAGPLLLLLLARPPPASAGYSGK	1
TMM27_HUMAN (Q9HBJ8) Collectrin precursor (Transmembrane protein 27) [MASS=25235]	*	13.06	*	*	*	1	3	VSFWFVVTDP SKNHTLPAVEVQSAIRMNK	1

TMM51_HUMAN (Q9NW97) Transmembrane protein 51 [MASS=27759]	*	11.07	*	*	*	1	3	INLPDKNVPPPSIEPLTPPPQYDEVQEK	1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	*	9.25	*	*	*	5	2	ARLREHGISLAAYGTIVSAELTGR	1
							3	MEPTVADVHLVPRTTKEVPALDAAC[339]C[339]R	1
							2	C[339]VITGWGSVREGGSM[147]AR	1
							3	WLLSAAHC[330]FNHTKVEQVR	1
							2	EDFLVKPEVLQK	1
TNK1_HUMAN (Q13470) Non-receptor tyrosine protein kinase TNK1 (EC 2.7.10.2) (CD38 negative kinase 1) [MASS=72499]	*	16.07	*	*	*	6	2	QARAVPQGPPGLPPR	1
							2	SLESVLSLGPRTGGGSSPPEIRQAR	1
							3	QLAGAM[147]AYLGAR	1
							2	VGSFPASAVTLADAGGLPATR	1
							2	PEHFDFVK	1
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	0.80	14.96	0.99	0.00	1	2	3	TPGAATASASGAAEDGAC[339]GC[339]LPNPGTFEEC[339]HR	1
							2	ANLLFKGSVDSNWIVGATLEKK	1
							3	ADEM[147]YDKC[339]IDLEPDNATTYVHK	1
							3	C[339]DFAYETMGTIQVQRGNM[147]EKAIDMFNK	1
							3	ILLDQVEEAVADFDEC[339]IR	2
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	11.02	0.69	0.57	5	3	3	ILLDQVEEAVADFDEC[330]IR	2
TOP3B_HUMAN (O95985) DNA topoisomerase 3-beta-1 (EC 5.99.1.2) (DNA topoisomerase III beta-1) [MASS=96661]	0.00	2.67	1.07	0.00	1	1	3	GLNGAC[339]SVHEYTGTFAGQPVRFK	1
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	*	1.12	*	*	*	1	3	QSQQPM[147]KPISPVKDPVSPASQK	1
TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Retelase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	*	1.96	*	*	*	1	3	RGARSYQVIC[339]R	2

TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	7.26	0.61	0.24	3	1	1	VAHALAEGLGVIAC[330]IGEK	1
							2	VAHALAEGLGVIAC[339]IGEK	1
							2	VAHALAEGLGVIAC[330]IGEK	1
							1	KSSNLTLPK	2
TPP2_HUMAN (P29144) Tripeptidyl-peptidase 2 (EC 3.4.14.10) (Tripeptidyl-peptidase II) (TPP-II) (Tripeptidyl aminopeptidase) [MASS=138218]	0.00	7.05	*	*	*	6	3	EKIWDVPVHRVALAEAC[339]R	1
							2	ANNIDYTVHSVRR	1
							3	ANNIDYTVHSVR	1
							3	NDMDKQKSTLVDALC[339]R	1
							2	FC[339]SLPEKGTLEAFVVLGGK	1
TPPC5_HUMAN (Q8IUR0) Trafficking protein particle complex subunit 5 [MASS=20783]	0.00	14.36	1.70	0.00	1	1	3	ENSTLNC[339]ASFTAGIVEAVLTHSGFPAK	1
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	*	1.51	*	*	*	1	2	LLGKTDVQR	4
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	*	6.78	*	*	*	2	3	SPIALGYTRGHFSALVAMENDGYGNR	1
							3	ELEESPIINWSLELATRLDSR	1
TRFR_HUMAN (P34981) Thyrotropin-releasing hormone receptor (TRH-R) (Thyroliberin receptor) [MASS=45085]	0.00	14.32	0.34	0.00	1	2	3	IIIFVWAFTSLYC[330]MLWFFLLDLNISTYK	1
							3	KIIIFVWAFTSLYC[330]MLWFFLLDLNISTYK	1
TRI18_HUMAN (O15344) Midline-1 (EC 6.3.2.-) (Tripartite motif-containing protein 18) (Putative transcription factor XPRF) (Midin) (RING finger protein 59) (Midline 1 RING finger protein) [MASS=75250]	*	3.45	*	*	*	1	3	VNM[147]YC[339]VTDDQLIC[330]ALC[330]KLVGRHR	1
TRI27_HUMAN (P14373) Zinc-finger protein RFP (Ret finger protein) (Tripartite motif-containing protein 27) (RING finger protein 76) [MASS=58489]	0.00	2.92	5.51	0.00	1	1	2	C[339]WGTAETNVSC[339]PQC[339]R	1
TRI32_HUMAN (Q13049) Tripartite motif-containing protein 32 (EC 6.3.2.-) (Zinc-finger protein HT2A) (72 kDa Tat-interacting protein) [MASS=71988]	*	2.30	*	*	*	1	3	VGHVGPLQIGQAVKK	1
TRIM4_HUMAN (Q9C037) Tripartite motif-containing protein 4 (RING finger protein 87) [MASS=57400]	0.00	7.60	0.50	0.00	1	2	2	TAFVERFQHLPC[330]VLGKNVFTSGK	1
							2	LFC[339]EDDQRPVC[330]LVC[339]R	1

TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	0.00	6.78	0.89	0.00	1	11	3	NMIEEHSQLKK	1
							2	YLYKSKLFTSELGVTEHVEGDPC[339]JK	1
							3	NHSGGGGGGGSGGSGGGGGSGGGGAPSGGSGHSGGPSSC[330]GGAPST	1
							2	SR	1
							2	GQTVEVLER	1
							2	AEAM[147]LQANHYDM[147]DMIRDC[330]AEK	1
							2	NSGSGNADLQNLLPKVSTMLDR	1
							3	ELLTC[330]C[330]EEGKGEIKDGLEVM[147]LSVPK	1
							2	MKAM[147]DVLPIKKEK	1
							3	PPGADAEGSERAIEPIPK	1
TRIP4_HUMAN (Q15650) Activating signal cointegrator 1 (ASC-1) (Thyroid receptor-interacting protein 4) (TRIP-4) [MASS=66245]	0.00	14.46	1.35	0.00	1	4	2	AVATKFNK	1
							2	LLDC[330]VVR	1
							2	HPC[330]DC[330]LGQKHKLINNC[330]LIC[330]GR	1
							3	IHQGAKKGLM[147]K	1
TRPM7_HUMAN (Q96QT4) Transient receptor potential cation channel subfamily M member 7 (EC 2.7.11.1) (Long transient receptor potential channel 7) (LTrpC7) (Channel-kinase 1) [MASS=212696]	0.00	1.29	0.97	0.00	1	1	3	DVEFPNDYPSGC[339]LLGC[339]VDLIDC[339]LSQKQFK	1
							2	LWIAATAKKPSPQEVSELQATYR	1
							3	DQETVC[339]SKATEGDNTEFGAFVGH	1
							3	AQSIHPAKDGIWQNLQALMERFFR	1
TSC2_HUMAN (P49815) Tuberin (Tuberous sclerosis 2 protein) [MASS=200748]	*	1.33	*	*	*	1	3	AQSIHPAKDGIWQNLQALMERFFR	1
TSH1_HUMAN (Q6ZSZ6) Teashirt homolog 1 (Serologically defined colon cancer antigen 3) (Antigen NY-CO-33) [MASS=117916]	*	2.32	*	*	*	1	3	VLKC[330]M[147]YC[339]GHSFESLQDLSVHM[147]IKTK	1
TSH3_HUMAN (Q63HK5) Teashirt homolog 3 (Zinc finger protein 537) [MASS=118565]	0.00	2.50	1.85	0.00	1	1	2	GC[330]SLGSVLLSPTSTAPATSSSTVTTAK	1
TSN18_HUMAN (Q96SJ8) Tetraspanin-18 (Tspan-18) [MASS=27710]	*	5.24	*	*	*	1	3	REPQSRDGVLLSR	1
TSP2_HUMAN (P35442) Thrombospondin-2 precursor [MASS=129955]	0.00	5.55	2.76	0.00	1	3	3	GTLLALEGPGLSQR	1
TTC3_HUMAN (P53804) Tetratricopeptide repeat protein 3 (TPR repeat protein 3) (TPR repeat protein D) [MASS=229890]	*	3.11	*	*	*	3	3	DGIGDAC[330]DDDDNDNDGVTDKDNK[339]QLLFNPR	1
							3	VC[339]NSPEPQYGGKAC[339]VGDVQER	1
							3	PFLGIC[330]PRFVVIDNC[339]IALKK	1
							2	SHC[339]STGDAHTVLSESNR	1
							3	NLEFDIC[339]SIWC[330]SKPISVLQDYC[339]DAIK	1

TULP1_HUMAN (O00294) Tubby-related protein 1 (Tubby-like protein 1) [MASS=60650]	0.00	4.24	0.33	0.00	1	1	2	YPLC[330]ALQAFAlALSSFDGKLAC[330]E	1
TXND3_HUMAN (Q8N427) Thioredoxin domain-containing protein 3 (Spermatid-specific thioredoxin-2) (Sptrx-2) (NM23-H8) [MASS=67269]	*	1.02	*	*	*	1	1	KM[147]KSMK	1
U3IP2_HUMAN (O43818) U3 small nucleolar RNA-interacting protein 2 (U3 small nucleolar ribonucleoprotein-associated 55 kDa protein) (U3 snoRNP-associated 55 kDa protein) (U3-55K) [MASS=51840]	0.00	13.47	1.47	0.00	1	3	2 EC[339]C[339]VTAGGRDGTVR 2 GAEGKPPGHSSHVLC[339]M[147]AISSDGK 3 PPGHSSHVLC[330]MAISSDGKYLASGDRSK	1 1 1	
UAP56_HUMAN (Q13838) Spliceosome RNA helicase BAT1 (EC 3.6.1.-) (DEAD box protein UAP56) (56 kDa U2AF65-associated protein) (ATP-dependent RNA helicase p47) (HLA-B-associated transcript-1) [MASS=48991]	0.97	6.78	0.81	0.00	1	2	2 NC[330]PHIVVGTPGR 2 HFILDEC[339]DKM[147]LEQLDM[147]R	1 1	
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	0.94	0.76	1.01	0.00	1	1	2 VGEFC[330]HNR	1	
UBE3C_HUMAN (Q15386) Ubiquitin-protein ligase E3C (EC 6.3.2.-) [MASS=123922]	*	3.97	*	*	*	2	3 HLWFLISSMSTRMITGSMVPLLQVISR 2 NFC[330]PPNHWLSEQEDIK	1 1	
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	0.00	5.20	1.52	0.00	1	3	3 NKSENPMVQLFYGTFLTEGVR 3 EIGPDDNMN[147]EEYK 3 RLVLSYSLPQNVLENC[330]RSHTEK	1 1 1	
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	0.23	2.59	1.53	0.00	1	1	2 TGLINLGNTC[330]YM[147]NSVIQALFMATDFRR	1	

UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	0.22	2.39	2.63	0.00	1	2	2	LLKLNSR	1
							2	LLNWYGC[339]VEGQQPIVR	1
UBP6_HUMAN (P35125) Ubiquitin carboxyl-terminal hydrolase 6 (EC 3.1.2.15) (Ubiquitin thioesterase 6) (Ubiquitin-specific-processing protease 6) (Deubiquitinating enzyme 6) (Proto-oncogene TRE-2) [MASS=158657]	0.00	2.99	1.27	0.06	2	2	2	DNC[330]M[147]GYQYPFTLR	1
							3	DLC[339]GLNSEQILLAEVHDSNIKNFPQDNQK	1
UBR1_HUMAN (Q8I WV7) Ubiquitin-protein ligase E3 component N-recognin-1 (EC 6.-.-.) (Ubiquitin-protein ligase E3-alpha-1) (Ubiquitin-protein ligase E3-alpha-I) [MASS=200209]	*	1.03	*	*	*	1	2	EC[330]HKAVM[147]RC[330]STSFISSSK	1
UBR2_HUMAN (Q8I WV8) Ubiquitin-protein ligase E3 component N-recognin-2 (EC 6.-.-.) (Ubiquitin-protein ligase E3-alpha-2) (Ubiquitin-protein ligase E3-alpha-II) [MASS=200537]	*	1.42	*	*	*	2	2	LLSWLGSIIIGYSDGLR	1
							2	VSIHLPVSR	1
UBTD2_HUMAN (Q8WUN7) Ubiquitin domain-containing protein 2 (Dendritic cell-derived ubiquitin-like protein) (DC-UbP) (Ubiquitin-like protein SB72) [MASS=26189]	0.00	11.97	0.40	0.00	1	1	2	M[147]GGC[330]VGAQHDSSGSLNENSEGTGVALGR	1
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	28.70	0.67	0.04	6	3	2	C[330]FEKNEAIQAAHDAVAQEGQC[330]R	1
							3	C[339]FEKNEAIQAAHDAVAQEGQC[339]R	1
							2	NEAIQAAHDAVAQEGQC[330]R	2
							3	NEAIQAAHDAVAQEGQC[330]R	1
							2	MPFPVNHGASSEDTLKDAAKVC[339]R	1
							3	C[330]FEKNEAIQAAHDAVAQEGQC[330]R	1
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.99	16.10	0.68	0.00	1	3	2	FLLSGC[330]AATVAELATFPLDLTK	1
							2	TRLQM[147]QGEAALAR	1
							2	LQM[147]QGEAALARLGDGAR	1

								2	EQC[330]EQLEK	2
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	53.85	1.10	0.14	12	5		2	LELC[330]DER	1
								2	EQC[339]EQLEK	2
								2	ERLELC[330]DER	1
								2	ERLELC[339]DER	1
								2	DHC[330]VAHK	2
								2	DHC[339]VAHK	2
								3	SHTEEDC[330]TEELFDFLHAR	1
UCRQ_HUMAN (O14949) Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C (EC 1.10.2.2) (Ubiquinol-cytochrome c reductase complex 9.5 kDa protein) (Complex III subunit VII) [MASS=9775]	0.90	16.05	*	*	*	1		2	HVISYSLSPFEQR	1
UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	*	1.24	*	*	*	1		3	KYPYVEVNSILGIDSAYDR	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	*	5.14	*	*	*	3		2	MEPGRGGTETVGKFEFSR	1
								2	LFLQQIAGAMRLLHSGIIHR	1
								3	ASVVSC[339]QGLSLRLQR	1
UN13C_HUMAN (Q8NB66) Unc-13 homolog C (Munc13-3) (Fragment) [MASS=135621]	*	1.43	*	*	*	1		2	MKVLELQSPPKASM[147]VVK	1
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	18.33	1.24	0.06	4	5		2	EHTAYYIK	1
								2	NALVSHLDGTTTPVC[339]EDIGR	1
								3	AVELLGDIVQNC[339]SLEDSQIEKER	1
								2	LC[339]TSATESEVAR	1
								3	LC[339]QSFQTFSC[330]YAETGLLGAHFVC[330]DR	1
								2	LC[330]TSATESEVAR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	0.99	6.18	1.31	0.00	1	2		2	GIEAVGGKLSVTATR	1
								2	NALANPLYC[339]PDYR	1

VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.76	1.99	0.48	0.00	1	1	2	LFPHC[330]GR	1
VAPA_HUMAN (Q9P0L0) Vesicle-associated membrane protein-associated protein A (VAMP-associated protein A) (VAMP-A) (VAP-A) (33 kDa Vamp-associated protein) (VAP-33) [MASS=27317]	0.00	12.40	0.99	0.00	1	2	2 2	FM[147]VQTIFAPPNTSDMEAVWKEAK LM[147]EEC[330]KR	1 1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	3.89	3.07	0.00	1	2	2 3	C[339]LGNPER LAEMPADSGYPAYLGAR	1 1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	*	2.92	*	*	*	1	3	PGGLPGSSC[339]NLGAAR	4
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	0.99	7.83	0.64	0.00	1	2	3 2	GPVVLAEDFLDIM[147]GQPINPQC[330]R KDHADVSNQLYAC[330]YAIGK	1 1
VATH_HUMAN (Q9UI12) Vacuolar ATP synthase subunit H (EC 3.6.3.14) (V-ATPase H subunit) (Vacuolar proton pump H subunit) (V-ATPase 50/57 kDa subunits) (Vacuolar proton pump subunit SFD) (VMA13) (Nef-binding protein 1) (NBP1) [MASS=55883]	0.00	7.87	0.58	0.00	1	2	3 2	C[330]GFQLQYQM[147]IFSIWLLAFSPQMC[330]EHLR QEYALAMIQC[330]K	1 1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	*	1.25	*	*	*	1	2	KSGYFPSSSVK	1

VCAM1_HUMAN (P19320) Vascular cell adhesion protein 1 precursor (V-CAM 1) (CD106 antigen) (INCAM-100) [MASS=81276]	*	4.33	*	*	*	2	2	GIQVEIYSFPK	1
							3	DPEIEMSGGLVNGSSVTVSC[330]K	1
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	4.26	1.22	0.05	4	1	2	YQIDPDAC[339]FSAK	2
							2	YQIDPDAC[330]FSAK	2
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	11.82	1.18	0.05	2	2	2	SC[339]SGVEFSTSGSSNTDTGK	1
							3	WNTDNTLGTEIAIEDQIC[339]QGLK	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	1.00	3.89	1.30	0.05	3	1	2	VC[339]NYGLTFTQK	2
							2	VC[330]NYGLTFTQK	1
VDP_HUMAN (O60763) General vesicular transport factor p115 (Transcytosis-associated protein) (TAP) (Vesicle docking protein) [MASS=107907]	0.00	1.46	1.18	0.00	1	1	2	LC[330]DRVASSTLLDDR	1
VGFR3_HUMAN (P35916) Vascular endothelial growth factor receptor 3 precursor (EC 2.7.10.1) (VEGFR-3) (Tyrosine-protein kinase receptor FLT4) [MASS=145598]	*	6.09	*	*	*	4	3	DAFSPC[330]AEKSPEQR	1
							3	GSMEIVILVGTGVIAVFFWVLLLLIFC[330]NM[147]R	1
							3	NILLSSESDVVKIC[339]DFGLARDIYK	1
							2	DC[339]EGTDARPYC[330]K	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	1.00	18.95	0.74	0.12	3	3	2	SDPSIVLLLQC[330]DIQK	1
							2	GFLKDC[330]PSGR	1
							2	EFIC[339]ALSITSR	1
VP13B_HUMAN (Q7Z7G8) Vacuolar protein sorting 13B (Cohen syndrome protein 1) [MASS=448732]	0.00	2.66	0.96	0.00	1	5	3	SWYHGQTSM[147]PGTLVLC[330]LPQIKIISAGHK	1
							3	C[330]PEVEELVFSHFVIC[339]NDTQETLR	1
							2	LPSYILENNELTELC[330]VK	1
							2	PYVRTLLIELLPWALLINESK	1
							2	LGSEPVVITINTMEC[339]ILK	1

VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412]	0.94	0.84	0.53	0.00	1	1	2	KIC[330]EGFR	1
VPS28_HUMAN (Q9UK41) VPS28 protein homolog [MASS=25425]	0.00	6.79	1.46	0.00	1	1	2	QVQGSEISSIDEFC[339]R	1
VPS29_HUMAN (Q9UBQ0) Vacuolar protein sorting 29 (Vesicle protein sorting 29) (hVPS29) (PEP11) [MASS=20506]	0.99	7.14	0.51	0.00	1	1	2	IQHILC[330]TGNLC[330]TK	1
VPS35_HUMAN (Q96QK1) Vacuolar protein sorting 35 (Vesicle protein sorting 35) (hVPS35) (Maternal-embryonic 3) [MASS=91706]	*	4.77	*	*	*	2	3 2	C[339]QKIFSFAHQTISALIKAELAEPLR KDILKDLVEM[147]C[339]R	1 1
VPS4A_HUMAN (Q9UN37) Vacuolar sorting protein 4a (SKD2 protein) (hVPS4) (VPS4-1) [MASS=48898]	*	2.97	*	*	*	1	2	ESIRAKC[330]VQYLDR	1
VPS54_HUMAN (Q9P1Q0) Vacuolar protein sorting protein 54 (Tumor antigen SLP-8p) (Hepatocellular carcinoma protein 8) [MASS=110588]	0.00	2.25	1.79	0.00	1	1	3	IILEYC[339]QC[339]VDNIPSVTTDM[147]LTR	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	3.20	*	*	*	4	3 2 3 3	RVTILVEGGEIELFDGEVNVK VPLDSSPATC[339]HNNIM[147]K VEDFGNAWKLHGDC[339]QDLQKQHSDDPC[330]ALNPR IM[147]KIPGTC[330]C[339]DTC[330]EEPEC[330]NDITAR	1 1 1 1
WBS22_HUMAN (O43709) Putative methyltransferase WBSCR22 (EC 2.1.1.-) (Williams-Beuren syndrome chromosome region 22 protein) [MASS=31880]	0.00	4.98	1.34	0.00	1	1	3	LYC[339]FFASLFSVLVR	1
WDFY3_HUMAN (Q8IZQ1) WD repeat and FYVE domain-containing protein 3 (Autophagy-linked FYVE protein) (Alfy) [MASS=395256]	*	2.07	*	*	*	5	3 2 3 2 3	LGDVILPPWAK VFSWSVSDQPGRSAADHWWK VKC[339]LVSM[147]TTPHDIR EHFYVIDGFTMTATR NYLLAFQKGIRNK	1 1 1 1 1
WDR13_HUMAN (Q9H1Z4) WD repeat protein 13 [MASS=53715]	*	3.09	*	*	*	1	3	EARDPSLLINAC[330]LNK	1
WDR20_HUMAN (Q8TBZ3) WD repeat protein 20 (DMR protein) [MASS=62933]	*	14.94	*	*	*	3	3 3 3	VPFNSQGSNPVRVSVFNLDQSGNGDRLC[339]FNVGR TDDPAKTLGTPLC[339]PRMEDVPLLEPLIC[330]K LLPHSEYSRPNRVPFNSQGSNPVR	1 1 1

WDR22_HUMAN (Q96JK2) WD repeat protein 22 (Breakpoint cluster region protein 2) (BCRP2) [MASS=103963]	0.00	5.63	1.48	0.22	2	3	3	EAC[330]LNIAMAQRNQDLPPEGC[339]SK	2
							2	EAC[339]LNIAM[147]AQRNQDLPPEGC[330]SK	1
							2	SLETIC[339]ANHNNGR	1
							3	LPVFQFDNQGYFNSC[330]TM[147]K	1
							3	PEC[339]RHHLATC[339]SMM[147]VDHNIYVWDVR	1
WDR24_HUMAN (Q96S15) WD repeat protein 24 [MASS=101989]	0.00	7.93	1.56	0.00	1	4	2	VTTALGGSVLTGR	1
							3	GGSC[330]GLPLMNSFNK	1
							2	LHHSFAHGPM[147]QDAESTANDAR	1
WDR33_HUMAN (Q9C0J8) WD repeat protein 33 (WD repeat protein WDC146) [MASS=145920]	*	1.87	*	*	*	2	3	GLVVSQSKDSQQPIK	2
WDR43_HUMAN (Q15061) WD repeat protein 43 [MASS=79118]	*	5.83	*	*	*	2	1	GRGGPGPAQR	1
WDR65_HUMAN (Q96MR6) WD repeat protein 65 [MASS=78164]	*	1.29	*	*	*	1	3	EDLQTNSEFPVLLTQGLSENDFEMLNKVLQTR	1
WDR6_HUMAN (Q9NNW5) WD repeat protein 6 [MASS=121724]	*	0.80	*	*	*	1	3	EEPVKLAVVC[339]R	1
WDR72_HUMAN (Q3MJ13) WD repeat protein 72 [MASS=123408]	*	5.26	*	*	*	2	2	EIADSLILR	1
WDR76_HUMAN (Q9H967) WD repeat protein 76 [MASS=69753]	0.00	3.51	2.06	0.00	1	1	2	GMNWLGLR	1
WIPI2_HUMAN (Q9Y4P8) WD repeat domain phosphoinositide-interacting protein 2 (WIPI-2) (WIPI49-like protein 2) [MASS=49408]	0.97	12.11	0.56	0.00	1	2	3	QPYIVSAAENGEMC[330]VWNVVTNGQC[339]VEK	1
							3	NTLPLQTPVSPVKHDSNSNSANFQDVEDMPDR	1
WNT9B_HUMAN (O14905) Protein Wnt-9b precursor (Wnt-15) (Wnt-14b) [MASS=38971]	*	3.92	*	*	*	1	2	VHSFGGEYLVSVVC[339]SINAMHPTR	1
XAB2_HUMAN (Q9HCS7) XPA-binding protein 2 (HCNP protein) [MASS=100009]	*	5.50	*	*	*	2	3	AANMIPAHDSPLAALAFDASGTK	1
XCL1_HUMAN (P47992) Lymphotoxin precursor (XCL1) (Cytokine SCM-1) (ATAC) (Lymphotoxin) (SCM-1-alpha) (Small inducible cytokine C1) (XC chemokine ligand 1) [MASS=12517]	0.00	9.65	1.62	0.00	1	1	3	LDGSLETTNEILDSASHDC[330]PLVTQTYGAAAGK	1
XPO5_HUMAN (Q9HAV4) Exportin-5 (Exp5) (Ran-binding protein 21) [MASS=136310]	*	1.99	*	*	*	1	2	LELWAPARQGSCLK	1
							2	IATPQIVINYAM[147]FLEEKHYFEESFKAYER	2
							3	FEQLISRRLNLSVLLR	1
							2	VC[339]ADPQATWVR	1
							2	KTKPMLETEVLDNDGGGLATIFEP	1

XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	0.38	3.56	0.20	0.00	1	1	2	NC[330]STNPPYLPVTVVNTTM[147]SLTALR	1
YES_HUMAN (P07947) Proto-oncogene tyrosine-protein kinase Yes (EC 2.7.10.2) (p61-Yes) (c-Yes) [MASS=60670]	0.00	14.21	4.11	0.00	1	4	3 2 3 3	MPC[339]PQGC[339]PESLHELM[147]NLC[339]WK PGTMM[147]PEAFLQEAQIMKK LVKHYTEHADGLC[339]HK GYRMPC[330]PQGC[330]PESLHELM[147]NLC[339]WKK	1 1 1 1
YJDC_HUMAN (Q96F86) YjeF domain-containing protein 1 (Edc3) [MASS=56077]	*	1.77	*	*	*	1	2	HMESLSQSK	1
YYAP1_HUMAN (Q9H869) YY1-associated protein 1 (Hepatocellular carcinoma susceptibility protein) (Hepatocellular carcinoma-associated protein 2) [MASS=87915]	*	2.89	*	*	*	1	3	SLAATPSSSLPC[339]TLIALGLRHEK	1
ZAN_HUMAN (Q9Y493) Zonadhesin precursor [MASS=305571]	*	3.34	*	*	*	6	2 2 3 1	PTIPTEKPTIPTEKSTISPEK VALPVWLAQGRVTIR PSIPTEKPSIPTEK STISPEK	1 1 1 2
ZBT11_HUMAN (O95625) Zinc finger and BTB domain-containing protein 11 [MASS=119382]	*	2.28	*	*	*	1	3	AVLLSPVSLSSGC[339]LSFSFHYILR PTISTEKPTIPSEK	1 1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	0.21	2.42	0.98	0.00	1	2	3 2	QANGLSIHLHTFHNIEDPYDC[339]KK AEHADM[147]K	1 1
ZBT7A_HUMAN (O95365) Zinc finger and BTB domain-containing protein 7A (Leukemia/lymphoma-related factor) (Factor that binds to inducer of short transcripts protein 1) (Factor binding IST protein 1) (FBI-1) (HIV-1 1st-binding protein 1) (TTF-I-interacting) [MASS=61439]	0.00	1.71	0.46	0.00	1	1	2	KDGC[330]NGVPSR	1

ZCH11_HUMAN (Q5TAX3) Zinc finger CCHC domain-containing protein 11 [MASS=185132]	*	3.47	*	*	*	3	2 3 3	EIIENLAKILKR LC[339]LFGSSKNGFGFRDSDLDIC[330]MTLEGHENAEEK M[147]DDFQLKGIVEEK	1 1 1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	*	2.74	*	*	*	3	3 2 2	KITPGNYGNTPR IMENVFQHK YLC[330]YTM[147]KVFTKM[147]C[339]DIGDASR	1 1 1
ZCHC9_HUMAN (Q8N567) Zinc finger CCHC domain-containing protein 9 [MASS=30451]	0.00	17.71	0.84	0.00	1	3	2 2 3	ALPATSWEDM[147]KK KNAM[147]VC[330]FHC[330]R SC[330]PDNPKGLYADGGGC[330]KLC[330]GSVEHLK	1 1 1
ZFH2_HUMAN (Q9C0A1) Zinc finger homeobox protein 2 [MASS=152100]	*	2.03	*	*	*	1	3	PPM[147]AKEGNEAGPSSPPDPLPNEAARTAAK	1
ZHX2_HUMAN (Q9Y6X8) Zinc fingers and homeoboxes protein 2 (Zinc finger and homeodomain protein 2) (Alpha-fetoprotein regulator 1) (AFP regulator 1) (Regulator of AFP) [MASS=92306]	0.29	4.78	0.76	0.00	1	2	2 2	DC[330]LPAKPSEATSDR TGTVKWM[147]EQYQHQPMP[147]ADDHGYDAVAR	1 1
ZMYM3_HUMAN (Q14202) Zinc finger MYM-type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	*	1.31	*	*	*	1	3	SFC[330]SEGC[339]VLLYKQDFTKK	1
ZN133_HUMAN (P52736) Zinc finger protein 133 [MASS=73402]	*	3.21	*	*	*	2	2 3	SLARHQB PC[339]VC[339]REC[339]GQGFLQK	1 1
ZN217_HUMAN (O75362) Zinc finger protein 217 [MASS=115271]	*	4.87	*	*	*	2	3 3	VTGNMPTQSLLMYMDGPEVIGSSLGSPMEMEDALSMK RAGAESPTM[147]SVDGR	1 1
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	*	5.06	*	*	*	1	3	ERSYM[147]C[330]SEC[330]GKSFSSTSC[339]SLSDHLR	1
ZN294_HUMAN (O94822) Zinc finger protein 294 [MASS=200534]	0.00	2.21	0.34	0.00	1	3	3 2 2	M[147]VLIALRKETVLENNELEK LIGWLNEDQRK QPEAIAFC[330]K	1 1 1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	4.29	10.47	0.00	1	2	3 3	VHC[339]EGEGGNAGDGGGVVPHR GQGATFVETDSPFTAAALAEPLVKEKPLR	1 1
ZN441_HUMAN (Q8N8Z8) Zinc finger protein 441 [MASS=72193]	*	2.40	*	*	*	1	2	C[330]KVC[339]GKAFDSPSLC[330]R	1
ZN473_HUMAN (Q8WTR7) Zinc finger protein 473 (Zinc finger protein 100 homolog) (Zfp-100) [MASS=100182]	0.00	3.44	0.69	0.00	1	2	2 2	VHTGEKPYRC[330]GEC[339]GK IHTGEKPYSC[330]NVC[330]GK	1 1
ZN479_HUMAN (Q96JC4) Zinc finger protein 479 (Zinc finger protein Kr19) (HKr19) [MASS=60598]	0.33	6.49	0.94	0.00	1	3	1 2 3	WHSSLAK RSSALTIHK C[330]EEC[330]GKVFSLSSTLTLDHK	1 1 1
ZN483_HUMAN (Q8TF39) Zinc finger protein 483 [MASS=85097]	0.00	4.03	*	*	*	2	3 1	PYM[147]C[339]NEC[339]GKAFSDDSSSLTPHHR LDESALDK	1 1

ZN485_HUMAN (Q8NCK3) Zinc finger protein 485 [MASS=50280]	0.00	13.61	0.59	0.00	1	4	2 C[330]KEC[339]GIAFMNSSSLNHHK 2 SSTLTGHQRIHTGEKPYHC[330]K 2 NHTSEKPHKC[330]K 3 YNSSFISHQR	1 1 1 1
ZN511_HUMAN (Q8NB15) Zinc finger protein 511 [MASS=29428]	*	8.02	*	*	*	2	2 QDM[147]YQC[330]LVEGC[330]TEKFK 1 TSRDR	1 1
ZN560_HUMAN (Q96MR9) Zinc finger protein 560 [MASS=91120]	0.00	2.03	1.03	0.00	1	1	2 C[330]GKPFTSSAC[330]LRIHMR	1
ZN561_HUMAN (Q8N587) Zinc finger protein 561 [MASS=55197]	*	3.91	*	*	*	1	3 AFTTSTSLIQHTRIHTGEK	1
ZN563_HUMAN (Q8TA94) Zinc finger protein 563 [MASS=55434]	*	4.83	*	*	*	2	2 HM[147]IM[147]HTGGGPHKC[339]K 2 GFDRPSLVR	1 1
ZN571_HUMAN (Q7Z3V5) Zinc finger protein 571 [MASS=70801]	0.00	4.93	1.17	0.00	1	2	2 INHHLQYNGLDNM[147]EC[330]K 3 DFRC[330]PSQLTQHTR 3 IFGQNSALVIHK 3 VFSC[339]GSTLETHK	1 1 1 3
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	*	6.37	*	*	*	3	3 VFSC[330]GSTLETHK 3 PQIHISNNYGNNSPNSSLLPQK	1 1
ZN625_HUMAN (Q96I27) Zinc finger protein 625 [MASS=34746]	0.00	4.90	0.85	0.00	1	1	2 THGRTHTGEKPYEC[330]K	1
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrix-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	*	2.83	*	*	*	4	2 TVDKKNISEK 1 QKHLEAADK 3 AYIEINRKAESMVK 3 TKLESLSQVGPVNENVMEEDLK	1 1 1 1
ZN639_HUMAN (Q9UID6) Zinc finger protein 639 (Zinc finger protein ZASC1) (Zinc finger protein ANC_2H01) [MASS=56054]	0.00	8.04	1.19	0.00	1	2	2 GFSSM[147]LEYC[339]K 3 YSDSSGISRIADGFNGIFSDHC[330]YSVC[339]SM[147]R	1 1
ZN655_HUMAN (Q8N720) Zinc finger protein 655 (Vav-interacting Krueppel-like protein) [MASS=57393]	0.00	2.44	1.27	0.00	1	1	2 SC[339]SPSSGIIQHK	1
ZN708_HUMAN (P17019) Zinc finger protein 708 (Zinc finger protein 15-like 1) (Zinc finger protein KOX8) [MASS=64779]	0.00	4.80	0.30	0.00	1	2	3 GC[330]KSVDEHK 2 SSHLTNHKVIHTGEKPYK	1 1
ZN13_HUMAN (P17016) Zinc finger protein 13 (Zinc finger protein KOX5) (Fragment) [MASS=6274]	0.00	33.93	1.71	0.00	1	1	2 C[339]EEC[339]GKGFSRASNLLAHQR	1

ZNF18_HUMAN (P17022) Zinc finger protein 18 (Zinc finger protein KOX11) (Heart development-specific gene 1 protein) [MASS=62288]	*	4.01	*	*	*	1	2	QLGQHLPNPHSGEM[147]STM[147]WLEEK	3
ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	0.00	6.58	1.31	0.00	1	2	2 EC[339]GNAFSFPSEIRRHK 2 ESHHC[339]GESFNQIADDMLNR	1 1	
ZNF30_HUMAN (P17039) Zinc finger protein 30 (Zinc finger protein KOX28) [MASS=62123]	0.00	7.20	0.92	0.00	1	3	2 EC[330]GKAFSTSSPLVKHQR 2 ASYLVQHGR 2 AFISGSAFVRHGR	1 1 1	
ZNF85_HUMAN (Q03923) Zinc finger protein 85 (Zinc finger protein HPF4) (HTF1) [MASS=68718]	0.00	2.86	0.56	0.00	1	1	2 HEIM[147]VAKPTVM[147]C[330]SHFAR	1	
ZNF92_HUMAN (Q03936) Zinc finger protein 92 (Zinc finger protein HTF12) [MASS=68486]	*	3.24	*	*	*	1	2 QSSTLTEHKIIHTGEKPYK	1	
ZNFX1_HUMAN (Q9P2E3) NFX1-type zinc finger-containing protein 1 [MASS=220225]	*	2.76	*	*	*	3	2 GM[147]YC[339]IGNMQM[147]LAKVPLWSK 2 C[330]RNGHIYVIGDC[330]GGAM[147]ERTM[147]PIYPTYNEVHLDER	1 1 1	
ZNT1_HUMAN (Q9Y6M5) Zinc transporter 1 (ZnT-1) (Solute carrier family 30 member 1) [MASS=55328]	*	6.31	*	*	*	1	3 VTSSLAM[147]LSDSFHMLSDVLALVVALVAERFAR	1	
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.00	6.96	1.38	0.00	1	1	3 AADPISTFLFSIC[330]ALGSTAPTLRDVLR	1	
ZSCA4_HUMAN (Q8NAM6) Zinc finger and SCAN domain-containing protein 4 (Zinc finger protein 494) [MASS=48956]	0.00	5.54	0.56	0.00	1	1	3 HSKDEIISLLVLEQFM[147]IGGHC[330]NDK	1	
ZSWM2_HUMAN (Q8NEG5) Zinc finger SWIM domain-containing protein 2 [MASS=72720]	*	3.63	*	*	*	1	3 C[330]M[147]KILANYQSTSNTSMLKC[339]PLC[339]R	1	

Table 5. MCI mitochondrial samples

Experiment 3

Description	A = Protein Score				E = XPress Peptides			Peptide Sequence	H
	A	B = Percent Coverage	C = XPress H2L Ratio	D = XPress Std. Dev.	E	F = Unique Peptides	G = Charge		
1433B_HUMAN (P31946) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein 1) (KCIP-1) (Protein 1054) [MASS=27951]	0.32	11.02	0.29	0.00	1	2	2	IEAELQDIC[330]NDVLELLDK YDDMAAAMK	1 1
							3	ELETVC[339]NDVLSLLDKFLIK	2
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	1.00	7.76	0.91	0.01	5	1	2	ELETVC[339]NDVLSLLDKFLIK	1
							3	ELETVC[330]NDVLSLLDKFLIK	1
							2	ELETVC[330]NDVLSLLDKFLIK	1
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	0.95	7.72	1.24	0.00	1	1	2	ELEAVC[330]QDVLSLLDNYLIK	1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	21.63	0.69	0.05	3	3	2	IETELRDIC[330]NDVLSLLEK	1
							3	YDDM[147]AAC[339]M[147]KSVTEQGAELSNEER	1
							2	IETELRDIC[339]NDVLSLLEK	1
							2	DIC[330]NDVLSLLEK	1
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	1.00	10.71	1.48	0.17	3	4	3	DNTIEHLLPLFLAQLKDEC[330]PEVR	1
							2	EWAHATIIPKVLAMSGDPNYLHR	1
							1	QAAEDK	1
							2	NLC[339]SDDTPM[147]VR	1
							3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1
A20A1_HUMAN (Q5TYW2) Ankyrin repeat domain-containing protein 20A1 [MASS=94047]	0.00	3.28	*	*	*	1	3	LLSHGAHIEALDKDNNTPLLFAIIC[330]KK	1
A20A2_HUMAN (Q4UJ75) Ankyrin repeat domain-containing protein 20A2 [MASS=94148]	0.00	5.22	1.21	0.00	1	2	3	QHRTALHLAC[330]ASGHVQVVTLLVNRK	1
							2	VKDENEFLTEQLSETQIK	1

AADAT_HUMAN (Q8N5Z0) Kynurenine/alpha-aminoadipate aminotransferase mitochondrial precursor (KAT/AadAT) (Kynurenine--oxoglutarate transaminase II) (EC 2.6.1.7) (Kynurenine aminotransferase II) (Kynurenine--oxoglutarate aminotransferase II) (2-aminoadipat [MASS=47351]	*	5.88	*	*	*	1	3	NTPKFLYTPNGNNPTGNSLTSERK	1
AATC_HUMAN (P17174) Aspartate aminotransferase, cytoplasmic (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 1) [MASS=46116]	0.00	5.58	0.59	0.00	1	2	2 2	HIYLLPSGR TDDC[330]HPWVLPVVKK	1 1
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.95	1.57	0.12	6	4	2 2 2 3 2	NLDKEYLPIGGLAEFC[339]K NLDKEYLPIGGLAEFC[330]K VGAFTM[147]VC[339]K VGAFTM[147]VC[330]K PEQVERLIKEFSIYMTK HFIEQGIVVC[339]LC[339]QSYAK	2 1 1 1 1 1
ABCA1_HUMAN (O95477) ATP-binding cassette sub-family A member 1 (ATP-binding cassette transporter 1) (ATP-binding cassette 1) (ABC-1) (Cholesterol efflux regulatory protein) [MASS=254284]	0.24	3.76	4.38	0.00	1	3	3 3 3	KLSTAM[147]ALIGGPPVVFLDEPTTGM[147]DPKAR HRNM[147]LQYQLPSSLSSSLARIFSILSQSK KGFFAQIVLPAVFVC[339]IALVFSLIVPPFGK	1 1 1
ABCB8_HUMAN (Q9NUT2) ATP-binding cassette sub-family B member 8, mitochondrial precursor (Mitochondrial ATP-binding cassette 1) (M-ABC1) [MASS=79947]	*	4.22	*	*	*	1	3	TLDPSWLRGQVVGFIQEPVLFGTTIMENIR	1
ABCG1_HUMAN (P45844) ATP-binding cassette sub-family G member 1 (White protein homolog) (ATP-binding cassette transporter 8) [MASS=75592]	0.00	3.98	0.88	0.00	1	1	3	M[147]AC[339]LM[147]AAFSVGTAMNASSYSAEMTEPK	1
ABCG5_HUMAN (Q9H222) ATP-binding cassette sub-family G member 5 (Sterolin-1) [MASS=72503]	0.00	4.30	0.69	0.00	1	1	3	VMLFDEPTTGLDC[330]M[147]TANQIVVLLVELAR	1
ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	0.99	6.07	2.54	0.00	1	1	3	IGIASQALGIAQTALDC[339]AVNYAENR	1

ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	9.23	1.14	0.05	4	4	2	GKC[330]TTDHISAAGPWLKFR	1
							2	WDGKDLEDLQILIKVK	1
							2	VGLIGSC[339]TNSSYEDM[147]GR	1
							2	VAVPSTIHC[330]DHLIEAQVGGEK	1
							3	VAVPSTIHC[330]DHLIEAQVGGEK	1
							2	VGLIGSC[330]TNSSYEDM[147]GR	1
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	0.51	2.46	1.22	0.00	1	1	2	SLEIC[339]HPQER	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) [MASS=17417]	1.00	12.18	2.04	0.18	2	1	3	LMC[330]PQEIVDYIADKKDVYE	1
							3	LM[147]C[339]PQEIVDYIADKKDVYE	1
							2	C[330]DVDIRK	1
							3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	2
							2	C[339]DVDIRK	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	10.93	0.73	0.10	6	3	3	C[330]PEALFQPSFLGMESC[330]GIHETTFNSIM[147]K	1
							1	C[330]DVDIR	1
							3	C[339]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	2
							3	C[339]PEALFQPSFLGMESC[330]GIHETTFNSIM[147]K	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
ADA10_HUMAN (O14672) ADAM 10 precursor (EC 3.4.24.81) (A disintegrin and metalloproteinase domain 10) (Mammalian disintegrin-metalloprotease) (Kuzbanian protein homolog) (CDw156c antigen) [MASS=84142]	*	3.21	*	*	*	1	2	YIKDRTLPHSVIYHEDDINYPHK	1
ADA20_HUMAN (O43506) ADAM 20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 20) [MASS=81710]	0.00	1.79	0.46	0.00	1	1	2	C[330]ASMVHLSQAC[330]QR	1
ADA28_HUMAN (Q9UKQ2) ADAM 28 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 28) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein-L) (MDC-L) (eMDC II) (ADAM23) [MASS=87208]	*	1.29	*	*	*	1	3	C[330]PSTIC[330]VM[147]DK	1

ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	0.00	2.86	1.16	0.00	1	1	3	C[330]QC[330]SGAVC[330]IM[147]NPEAIHFSGVK	1
ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenyl cyclase) [MASS=130615]	*	3.51	*	*	*	2	3	IGLNMGPVVAGVIGAR	1
							2	IGLNMGPVVAGVIGAR	1
							2	PQPAYVALLAC[339]AAALFVGLMVVC[330]NR	1
ADCY7_HUMAN (P51828) Adenylate cyclase type 7 (EC 4.6.1.1) (Adenylate cyclase type VII) (ATP pyrophosphate-lyase 7) (Adenylyl cyclase 7) [MASS=120308]	*	7.04	*	*	*	3	3	NC[330]VKMGLDMC[330]QAIKQVR	1
							3	KEHEEFETMENVNRLLENVLP AHVAAHFIGDK	1
							2	RQQENLLLSVLP AHISM[147]GMKLAIIER	1
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	0.00	7.33	2.48	0.00	1	2	3	C[339]GLLPISPEALSLGEVAYHDYHGILVDEEEK	1
							3	VSM[147]ILQSPAFC[339]EELESM[147]IQEQFK	1
ADH1G_HUMAN (P00326) Alcohol dehydrogenase 1C (EC 1.1.1.1) (Alcohol dehydrogenase gamma subunit) [MASS=39736]	0.00	6.42	*	*	*	1	3	VTPGSTC[339]AVFGLGGVGLSVVM[147]GC[339]K	1
ADH6_HUMAN (P28332) Alcohol dehydrogenase 6 (EC 1.1.1.1) [MASS=39072]	0.00	7.88	1.45	0.00	1	2	2	M[147]STTGQVIRC[339]K	1
							2	PGAPFSIEEVEVAPPKAK	1
ADIP_HUMAN (Q9Y2D8) Afadin- and alpha-actinin-binding protein (ADIP) (Afadin DIL domain-interacting protein) (SSX2-interacting protein) [MASS=71236]	0.00	3.26	1.49	0.00	1	1	2	RELNIVAVLNC[339]M[147]NELLVLQR	1
ADNP_HUMAN (Q9H2P0) Activity-dependent neuroprotector (Activity-dependent neuroprotective protein) [MASS=123562]	*	8.98	*	*	*	4	3	HEMDFDAEWLFENHDEKDSRVNASK	1
							2	IGSLASGNVRSLPSQQM[147]VNRLSIPK	1
							2	TQNGQDKTNAPSRLNQSPSLAPVK	1
							3	C[330]IHC[339]LGVYTSNMTASTITLHLVHC[339]R	1

								2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	3
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	17.17	1.40	0.05	6	3		2	EFHGLGDC[339]IIK	1
								1	EFHGLGDC[339]IIK	2
								2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
								2	EFHGLGDC[330]IIK	1
								3	YKQLFLGGVDRHK	1
								1	EFHGLGDC[330]IIK	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	2.69	0.04	0.00	1	1		1	GLGDC[330]LVK	2
								2	GLGDC[339]LVK	1
AFF4_HUMAN (Q9UHB7) AF4/FMR2 family member 4 (ALL1-fused gene from chromosome 5q31) (Major CDK9 elongation factor-associated protein) [MASS=127458]	0.00	5.67	*	*	*	3		3	EDKLSSRIQSM[147]LGNYDEM[147]K	1
								3	VPFSSGQHSTQSFPPSLMSKSNMQLKPTAYVR	1
								2	YPLIVKIDLNLLTR	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	*	7.03	*	*	*	2		3	MC[339]M[147]TLGGRASEEIFFGRITGAQDDLRL	1
								2	ATAGEANVPFITVSGSEFLEM[147]FVGVGPAR	1
AIOL_HUMAN (Q9UKT9) Zinc finger protein Aiolos [MASS=57943]	0.00	4.72	1.67	0.00	1	1		3	C[339]DHC[339]RVLF LDYVM[147]FTIHMGC[339]HGFR	1
AKAP6_HUMAN (Q13023) A-kinase anchor protein 6 (Protein kinase A-anchoring protein 6) (PRKA6) (A-kinase anchor protein 100 kDa) (AKAP 100) (mAKAP) [MASS=256664]	0.39	1.90	0.38	0.00	1	2		3	QKFTDEGESIKLPNSSQSSISPVGC[330]VNGK	1
								3	TLTC[339]EENLLNLHEKR	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	0.00	2.89	0.11	2.60	3	5		3	DLELTQC[330]YKQIKDM[147]QEQQQFETEM[147]LQK	1
								3	MLYDAQLSEEQGRNLELQVLESEKVR	1
								3	EQESEKPSQELLEYNIIQQK	1
								3	IQSIPENSVNVAIDHLSKDKPELEVLTEDALK	1
								2	AVIQC[330]LR	3

AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	*	9.17	*	*	*	2	3	YSFQTHDRLC[339]FVM[147]EYANGGELFFHLSR	1
							2	DGHIKITDFGLC[339]KEGIK	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	5.58	0.69	0.20	3	2	3	MPC[339]AEDYLSVVLNQLC[339]VLHEK	1
							2	C[330]C[330]AAADPHEC[330]YAK	1
							3	M[147]PC[330]AEDYLSVVLNQLC[330]VLHEK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	16.44	1.77	0.07	3	4	3	KILGYINTGKQEGAK	1
							3	GYFIQPTVFGDVQDGMTIAKEEIFGPVM[147]QILK	1
							3	KTFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	LLC[330]GGGIAADR	1
							2	LLC[339]GGGIAADR	1
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	3.31	*	*	*	2	1	C[330]AQYK	1
							2	C[330]QYVTEK	1
ALDOB_HUMAN (P05062) Fructose-bisphosphate aldolase B (EC 4.1.2.13) (Liver-type aldolase) [MASS=39342]	1.00	7.99	*	*	*	1	3	ELSEIAQSIVANGKGILAADESVGTM[147]GNR	1
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	1.00	15.98	0.75	0.00	1	2	3	RAEVNGLAAQKGKEYEGSGEDGGAAQSLYIANHAY	1
							3	C[330]JGGVIFFHETLYQKDDNGVPFVR	1
ALG6_HUMAN (Q9Y672) Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase (EC 2.4.1.-) (Dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase) [MASS=58180]	0.00	3.94	0.56	0.00	1	1	3	FTLVSC[330]ALSFFLFSFQVHEK	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	*	2.09	*	*	*	5	3	PVAQDQESLGFLGPK	1
							3	AWLQAHPGRILPPLSPPQHRYSEGER	1
							2	FNLAHDC[339]GYSISELNEDDRK	1
							2	AELFGHGR	1
							2	KTGIPTLPSTFYSHTEK	1
AMOL1_HUMAN (Q8IY63) Angiomotin-like protein 1 [MASS=106573]	*	2.30	*	*	*	1	3	YLEESTIRHFAMNAAATAAAER	1
AMOT_HUMAN (Q4VCS5) Angiomotin [MASS=118085]	*	8.67	*	*	*	3	3	QGNC[330]QPTNVSEYNAAALMELLREK	1
							3	GSLGILLGGDYRAEYVPSTPSPVPPSTPLLSAHSK	1
							3	AEYVPSTPSPVPPSTPLLSAHSKTSRDC[330]STQTER	1
ANGL1_HUMAN (O95841) Angiopoietin-related protein 1 precursor (Angiopoietin-like 1) (Angiopoietin-3) (ANG-3) [MASS=56719]	*	4.89	*	*	*	1	3	GGWWYNAC[339]AHSNLNGVWYRGGHYR	1

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.90	1.76	0.71	0.08	2	5	2	GGQIDAKTRDGLTPLHC[330]AAR	1
							2	HSTLSSSAK	1
							2	VRDTTQEPC[330]GR	1
							3	C[330]FC[330]M[147]TDDKVDKTLEQQENFAEVAR	1
							1	PVRRK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	0.00	4.20	1.15	0.00	1	10	2	IC[339]RIITKDFPQYFAVVSR	1
							2	SSSSEKTPDK	1
							3	KM[147]QSELSDEEESTSRNTSLSETSR	1
							2	RM[147]LSSNIPDGFEC[339]EQSAFPK	1
							3	IPVKNTPRDNIIAVR	1
							2	KAC[330]ATQKQGQPEK	1
							2	AEEKAPSLPSSPEKM[147]VLSQQTEDSK	1
							3	NVETPTVEPNPSIPTSGEC[339]QEGTSSSGSLEK	1
ANKR6_HUMAN (Q9Y2G4) Ankyrin repeat domain-containing protein 6 [MASS=75722]	0.00	6.21	2.09	0.00	1	2	2	C[339]SSPPPPHEFRAYQLYTLR	1
							2	SRPKVSAFSDPTPPADQQPGHQK	1
							3	SEHQFNIDSM[147]VHK	5
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	0.00	2.45	*	*	*	1			
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	0.00	1.84	0.40	0.00	1	2	3	TIANQAVPFSAC[339]TMLLDSEVYNMPLESQGDNK	1
							2	EQTEKHKSVPGYLSEK	1
ANR12_HUMAN (Q6UB98) Ankyrin repeat domain-containing protein 12 (Ankyrin repeat-containing cofactor 2) (GAC-1 protein) [MASS=235652]	0.00	4.80	0.88	0.00	1	5	3	EKLIVSNEQEVLRL	1
							2	IKDEDHSPTFENSDC[330]TLKK	1
							2	M[147]ERKTFEK	1
							2	QM[147]ALLMQM[147]TARDNSPDSTPNHPSQTTPAQK	1
ANR52_HUMAN (Q8NB46) Ankyrin repeat domain-containing protein 52 [MASS=115057]	0.00	4.18	1.77	0.00	1	2	3	ISTSC[339]SVIPETSNSDMQTKKEYVVSGEHK	1
							2	TALFLATER	1
ANRA2_HUMAN (Q9H9E1) Ankyrin repeat family A protein 2 (RFXANK-like 2) [MASS=34272]	0.00	3.19	0.26	0.00	1	1	3	GFTPLHVAAVSTNGALC[339]LELLVNNGADVNYQVPEGK	1
							2	ESALSLAC[330]SK	1

ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	1.00	7.10	1.25	0.00	2	1	3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
							3	GDLENAFLNLVQC[330]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	5.95	0.75	0.29	2	3	2	DAISGIGTDEKC[339]LIEILASR	1
							2	QRQEVLC[330]QSYK	1
							2	M[147]LVVLLQGTR	1
AOFB_HUMAN (P27338) Amine oxidase [flavin- containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	0.00	7.13	*	*	*	2	2	LIGLTTFISATALGFLAHK	1
							2	PEGNYAAIMGFILAHKAR	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	0.00	5.16	*	*	*	4	2	C[330]LKDEDPYVRK	1
							2	ITEYLC[330]EPLRK	1
							2	VDKITEYLC[339]EPLRK	1
							3	NVEGQDMLYQSLK	1
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554]	1.00	7.27	0.40	0.79	2	4	1	KYVC[339]K	1
							2	AC[330]NQLGQFLQHR	1
							3	ALLSTYIKFINLFPETKATIQGVLR	1
							3	AC[330]NQLGQFLQHR	1
							3	IVSSASTDLQDYTYFVPAPWLSVKLLR	1
AP2B1_HUMAN (P63010) AP-2 complex subunit beta-1 (Adapter-related protein complex 2 beta-1 subunit) (Beta-adaptin) (Plasma membrane adaptor HA2/AP2 adaptin beta subunit) (Clathrin assembly protein complex 2 beta large chain) (AP105B) [MASS=104552]	1.00	2.67	0.90	0.10	4	1	3	YPNKYESIATLC[330]ENLDSLDEPDAR	1

AP2M1_HUMAN (Q96CW1) AP-2 complex subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654]	*	3.45	*	*	*	1	2	TFITQQGIKSQHQTK	1
AP3B2_HUMAN (Q13367) AP-3 complex subunit beta-2 (Adapter-related protein complex 3 beta-2 subunit) (Beta3B-adaptin) (Adaptor protein complex AP-3 beta-2 subunit) (AP-3 complex beta-2 subunit) (Clathrin assembly protein complex 3 beta-2 large chain) (Neu [MASS=119058]	0.00	3.05	0.69	0.00	1	2	2 EAASDMSPYVR 3 LC[330]NLLIDVEEWGQVVIISMLTR	1 1	
AP4B1_HUMAN (Q9Y6B7) AP-4 complex subunit beta-1 (Adapter-related protein complex 4 beta 1 subunit) (Beta subunit of AP-4) (AP-4 adapter complex beta subunit) [MASS=83261]	0.00	3.52	0.91	0.00	1	1	3 LVYLYMC[339]TYAPLKPDALLAINTLC[339]K	1	
APEX2_HUMAN (Q9UBZ4) DNA-(apurinic or apyrimidinic site) lyase 2 (EC 4.2.99.18) (Apurinic-apyrimidinic endonuclease 2) (AP endonuclease 2) (APEX nuclease 2) (APEX nuclease-like 2) (AP endonuclease XTH2) [MASS=57400]	0.00	2.12	0.94	0.00	1	1	3 SGYSGVATFC[339]K	1	
APMAP_HUMAN (Q9HDC9) Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480]	*	9.86	*	*	*	2	1 VYVSGLM[147]K 3 VTFLMLAVSLTVPLLGAMM[147]LLESPIDPQPLSFK	1 1	
APOA_HUMAN (P08519) Apolipoprotein(a) precursor (EC 3.4.21.-) (Apo(a)) (Lp(a)) [MASS=501317]	*	0.26	*	*	*	1	3 FVTWIEGMMRNN 2 LSKELQAAQARLGADM[147]EDVC[330]GR	1 3	
APOE_HUMAN (P02649) Apolipoprotein E precursor (Apo-E) [MASS=36154]	0.00	9.78	0.38	0.00	1	2	2 M[147]EEM[147]GSRTR	1	
ARHG3_HUMAN (Q9NR81) Rho guanine nucleotide exchange factor 3 (Exchange factor found in platelets and leukemic and neuronal tissues) (XPLN) [MASS=59782]	*	5.32	*	*	*	1	3 LHVFLFQEVLVITRAVTHNEQLC[339]YQLYR	1	

ARHG6_HUMAN (Q15052) Rho guanine nucleotide exchange factor 6 (Rac/Cdc42 guanine nucleotide exchange factor 6) (PAK-interacting exchange factor alpha) (Alpha-Pix) (COOL-2) [MASS=87498]	*	3.87	*	*	*	1	3	SSSLSAANTSQTNPQGAVSSTVSGLQRQSK	1
ARHG8_HUMAN (Q7Z628) Neuroepithelial cell-transforming gene 1 protein (p65 Net1 proto-oncogene) (Rho guanine nucleotide exchange factor 8) [MASS=67740]	0.00	7.21	1.02	0.00	1	2	2 LNAYRGYC[330]SNQLAAK 3 ASGLSTEGATGPSADTSGSELDGRC[330]SLR	1 1	
ARHGA_HUMAN (O15013) Rho guanine nucleotide exchange factor 10 [MASS=151611]	*	4.31	*	*	*	3	3 M[147]RDLM[147]ASTVGVVEIQQLRQK 1 LVKAAK 3 DALPSGGAGSSLSQGDPDAAIWLGDSLGSMTQK	1 1 1	
ARI2_HUMAN (O95376) Protein ariadne-2 homolog (ARI-2) (Triad1 protein) [MASS=57819]	0.00	2.23	4.30	0.00	1	1	2 THGSEYYEC[339]SR 3 THGSEYYEC[339]SR	1 1	
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	0.00	6.52	4.92	0.00	1	4	3 IENGM[147]EM[147]TNTVSQERTSDC[330]IGSEGMK 2 SVKSESDITIEVDSIAEESQEGLC[339]ER 3 LVYHQGGC[339]DNIDSGAVWK 2 ISFLQEKLQEIR	1 1 1 1	
ARL3_HUMAN (P36405) ADP-ribosylation factor-like protein 3 [MASS=20455]	0.88	15.93	1.21	0.00	1	1	3 RFEETGQELAELEEEKLSC[339]VPVLIFANK	1	
ARP8_HUMAN (Q9H981) Actin-related protein 8 [MASS=70425]	*	2.08	*	*	*	1	2 YLEIPLKDLKYR	1	
ARRD3_HUMAN (Q96B67) Arrestin domain-containing protein 3 [MASS=46394]	0.00	8.94	1.17	0.00	1	2	2 EVKQLVANLR 3 FLPPPLYSEIDPNPDQSADDRPSC[339]PSR	1 1	
ARS2_HUMAN (Q9BXP5) Arsenite-resistance protein 2 [MASS=100666]	*	3.77	*	*	*	2	1 SDYDR 3 LLLYLRIHVSLDYYNTC[330]EYPNEDEM[147]PNR	1 1	
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	2.11	*	*	*	2	3 ADIGIAMGIAGSDAAK 2 KNC[339]LVK	1 1	

								3	NLEAVETLGSTSTIC[330]SDKTGTLTQNR	1
								2	C[330]SSILLHGK	1
								2	AC[330]VVHGSDLK	2
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	11.05	0.47	0.26	6	7		3	KIVEFTC[330]HTAFFVSIVVVQWADLVIC[330]KTR	1
								2	AC[339]VVHGSDLK	1
								3	NIAFFSTNC[339]VEGTARGIVVYTGDR	1
								2	IIISANGC[330]K	1
								2	IAGLC[330]NR	1
								1	C[330]SSILLHGK	1
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	0.00	1.96	*	*	*	1		2	GAGREYSPAATTAENGGGKK	1
								2	KYNTDC[330]VQGLTHSK	1
								2	VLGFC[339]HYLPEEQFPK	1
								3	SPDC[330]THDNPLETR	1
								1	IIISAHGC[330]K	1
								2	NITFFSTNC[330]VEGTAR	2
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	9.97	0.52	0.27	14	8		2	YNTDC[330]VQGLTHSK	1
								2	VLGFC[330]HYLPEEQFPK	2
								2	IIISAHGC[330]K	1
								2	SPDC[339]THDNPLETR	2
								2	M[147]SVEEVC[330]RK	1
								2	DVAGDASESALLK	1
								2	SPDC[330]THDNPLETR	1
								3	GGEKMQINVQEVVLGDLVEIKGGDR	1
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	8.91	0.43	0.03	3	2		2	YNPNVLPVQC[330]TGKR	1
								2	YNPNVLPVQC[330]TGK	1
								2	YNPNVLPVQC[339]TGK	1

AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	0.94	15.52	0.66	0.17	2	3	2	TENLDVIVNVSDTESWDQHVQK	1
							2	FLNVTPNVEVNVEC[339]R	1
							2	NDVC[330]RPGR	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	1.92	0.97	0.02	3	2	2	C[339]THIR	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[339]VQPATK	1
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	1.00	8.66	0.58	0.00	1	5	2	TEC[330]ALLGLLDLKR	1
							2	HLDAC[330]ETM[147]GNATAIC[330]SDK	2
							3	TMMKNILGHAFYQLVVFTLLFAGEK	1
							2	AQDGAAM[147]EMQPLKSEEGGDGDEKDK	1
							3	AGLLMSAITVIILVLYFVIDTFWVQK	1
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	5.95	1.08	0.00	1	5	3	ILNGAGEPRVFRPR	1
							3	KQIFGQNFIPPKK	1
							2	LYKVYTFNSVRK	1
							2	IDESSLTGESDQVRK	1
							3	TEC[339]GLLGFVLDLKQDYEPVR	1
AT2B3_HUMAN (Q16720) Plasma membrane calcium-transporting ATPase 3 (EC 3.6.3.8) (PMCA3) (Plasma membrane calcium pump isoform 3) (Plasma membrane calcium ATPase isoform 3) [MASS=134258]	0.00	1.15	*	*	*	1	3	M[147]GDM[147]ANSSIEFHPK	1
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	1.00	1.53	0.64	0.00	1	1	2	DALTQINVHYGGVQNLC[330]SR	1
AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase IA (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	*	5.93	*	*	*	3	3	TAFKTLVDEVQELEAKSQDPGAVVLGK	1
							3	WC[330]IGLYNVN[147]FTAM[147]PPLTLGIFER	1
							2	YALTFGVRQYFLDLALSC[339]K	2

ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	0.00	4.75	0.77	0.00	1	4	2	EVETYHR	1
							2	KSNWYLGTIKK	1
							3	TSLIQKMEQEVENFSC[330]SR	1
							3	DKIAC[339]NGDASSSQIIHISDENEGKEMC[339]VLR	1
ATF2_HUMAN (P15336) Cyclic AMP-dependent transcription factor ATF-2 (Activating transcription factor 2) (cAMP response element-binding protein CRE-BP1) (HB16) [MASS=52276]	0.00	4.11	1.00	0.00	1	1	2	NC[339]EEVGLFNELASPFENEFK	1
ATG4B_HUMAN (Q9Y4P1) Cysteine protease ATG4B (EC 3.4.22.-) (Autophagy-related protein 4 homolog B) (hAPG4B) (Autophagin-1) (Autophagy-related cysteine endopeptidase 1) (AUT-like 1 cysteine endopeptidase) [MASS=44309]	*	3.82	*	*	*	1	3	HC[339]FM[147]M[147]PQSLGVIGGK	1
ATG7_HUMAN (O95352) Autophagy-related protein 7 (APG7-like) (Ubiquitin-activating enzyme E1-like protein) (hAGP7) [MASS=77959]	*	3.27	*	*	*	1	3	M[147]VNLSEC[339]M[147]DPKRLAESSVDLNLK	1
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	*	4.22	*	*	*	6	2	EC[339]IKDILTKHLVELSILAR	1
							3	HSQLLKDSDFSQEPIMALRTVILEILMEK	1
							3	LC[330]SLWLENSGVSEVNGMM[147]K	1
							3	EVEGTSYHESLYNALQSLR	1
							3	IRVC[330]ELGDEILPTLLYIWTQHR	1
							2	DGM[147]KIPTYKFLPLMYQLAAR	1
ATN1_HUMAN (P54259) Atrophin-1 (Dentatorubral-pallidoluysian atrophy protein) [MASS=124773]	0.00	3.88	*	*	*	3	2	YTQPSLPSQAVWSQGPPPPPPYGR	1
							3	VEEASTPKVKNKQGR	2
							2	VRREAEQR	1
ATP5S_HUMAN (Q99766) ATP synthase subunit s, mitochondrial precursor (ATP synthase coupling factor B) (Mitochondrial ATP synthase regulatory component factor B) [MASS=24882]	0.00	5.12	1.22	0.00	1	1	2	C[330]HYIEDDC[330]LLR	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.59	16.18	1.51	0.00	1	1	2	IC[339]SLHSLPPQS	1
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	0.99	5.42	*	*	*	2	3	FENAFLSHVVSQHQALLGTIR	1
							1	FNDGSDEKK	1

ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	8.05	1.43	0.05	5	2	1	GLC[339]GAIHSSIAK	1
							1	GLC[330]GAIHSSIAK	1
							2	SMKMVAAAKYAR	1
							2	GLC[330]GAIHSSIAK	1
							2	GLC[339]GAIHSSIAK	2
ATRN_HUMAN (O75882) Attractin precursor (Mahogany homolog) (DPPT-L) [MASS=158536]	0.00	4.69	0.38	0.00	1	3	3	DKIYM[147]YGGKIDSTGNVTNELR	2
							2	TAC[339]GDC[330]TSGSSEC[330]MWC[330]SNMK	1
							2	MPSQAPTGNFYQPQLLNSSM[147]C[330]LEDSR	1
ATR_HUMAN (Q13535) Serine/threonine-protein kinase ATR (EC 2.7.11.1) (Ataxia telangiectasia and Rad3-related protein) (FRAP-related protein 1) [MASS=301365]	0.00	4.20	0.24	0.00	1	5	3	IC[330]HSHDEVFVVLMEIIAK	1
							3	LYAAM[147]HEPDGVAGVSAIRKAEPSLK	1
							2	GETFEVPEIVPFRLLTHNM[147]VNGMGPMGTEGLFR	1
							1	ISLKGSDGK	2
							3	LTHNM[147]VNGMGPM[147]GTEGLFRRAC[330]EVTMR	1
ATS10_HUMAN (Q9H324) ADAMTS-10 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 10) (ADAM-TS 10) (ADAM-TS10) (Fragment) [MASS=118072]	*	1.58	*	*	*	1	2	VASPSTHFLNLTRSSR	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	*	5.64	*	*	*	4	2	PLPSHLSWK	1
							3	FLSTAQAIC[339]LADQPKPVKEYK	1
							3	KC[330]ETKFMPAAEGTIC[330]GHDMWC[339]R	1
							3	DSVDFRAAQC[339]AEHNSRR	1
ATS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	*	8.13	*	*	*	4	2	TC[339]HLVKGDFSHAR	1
							3	IGC[339]DGIIISAAKEDRC[330]GVC[330]SGDGK	1
							3	TPIPEHVDGDWSPWGAWSM[147]C[330]SRTC[330]GTGAR	1
							3	NMEHLMC[330]AGLWC[330]LVEGDTSC[339]KTK	1
ATS18_HUMAN (Q8TE60) ADAMTS-18 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 18) (ADAM-TS 18) (ADAM-TS18) [MASS=135140]	*	2.70	*	*	*	2	2	RSAGKSQK	1
							3	VGHRC[339]ETKFMPAAEGTVC[330]GLSMWC[330]R	1
ATS20_HUMAN (P59510) ADAMTS-20 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 20) (ADAM-TS 20) (ADAM-TS20) [MASS=214655]	0.00	2.41	1.19	0.00	1	3	2	C[339]PQGQFSINLSGTGMK	1
							3	PPTQELC[330]HGNC[339]VFTR	1
							2	GTQARYVSC[330]RDALDR	1

ATS8_HUMAN (Q9UP79) ADAMTS-8 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 8) (ADAM-TS 8) (ADAM-TS8) (METH-2) (METH-8) [MASS=96671]	0.00	5.39	1.13	0.00	1	2	3	NGSLPWADGTPC[339]GPGHLC[330]SEGSC[330]LPEEEVER VIDGTLC[330]GPETLAIC[330]VR	1 1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	0.00	3.20	1.47	0.00	1	3	3	SPQHVM[147]APTLNFYTNPMMWSK QC[339]ELIFGPGSQVC[339]PYMMQC[339]R IEQELLLQVLSVGKLYNPVDR	1 1 1
AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	*	9.14	*	*	*	2	2	AVDALKSDKK MAAAVAAAPGALGSLHAGGAR	1 3
AZI1_HUMAN (Q9UPN4) 5-azacytidine-induced protein 1 (Pre-acrosome localization protein 1) (Centrosomal protein of 131 kDa) (Cep131 protein) [MASS=122060]	*	5.82	*	*	*	4	2	KRPASLSTAPSEK EC[339]TVALAPNFTANNR GPPENPRETRVPGM[147]R PTEPTDFLM[147]LFEGSPSGKKR	1 1 1 1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	*	0.92	*	*	*	1	2	VESLSPELR	1
B3GN3_HUMAN (Q9Y2A9) UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (EC 2.4.1.-) (Beta3Gn-T3) (BGnT-3) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (Core1-beta3GlcNAcT) (Beta-1,3-galactosyltransferase 8) (Beta-1,3-GalTase 8) [MASS=42515]	0.00	10.22	0.71	0.00	1	2	3	HFPLLQDVPPSKC[330]AQPVFLLLVIKSSPSNYVR YLRHRR	1 1
BAP29_HUMAN (Q9UHQ4) B-cell receptor-associated protein 29 (BCR-associated protein Bap29) [MASS=28320]	0.00	4.98	1.23	0.00	1	1	2	DEEC[339]VLEAENKK	1
BARD1_HUMAN (Q99728) BRCA1-associated RING domain protein 1 (BARD-1) [MASS=86619]	*	2.45	*	*	*	1	2	QVM[147]SSPSAM[147]KLLPNMAVKR	1

BAT5_HUMAN (O95870) Protein BAT5 (HLA-B-associated transcript 5) (Protein G5) [MASS=63112]	0.00	3.23	1.62	0.00	1	1	2	KLPC[339]QITSYLVAHTLGRR	1
BBX_HUMAN (Q8WY36) HMG box transcription factor BBX (Bobby sox homolog) (HMG box-containing protein 2) [MASS=105129]	0.00	2.76	0.31	0.00	1	2	3	GQRSTPLTHDGQPK	1
							2	RPMNAFLLC[330]KR	1
BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	*	3.36	*	*	*	2	2	VMRLNPM[147]AIDSPAMDFSR	1
							1	THM[147]HKAGSLAGR	1
BCAR3_HUMAN (O75815) Breast cancer anti-estrogen resistance protein 3 (SH2 domain-containing protein 3B) (Novel SH2-containing protein 2) [MASS=92565]	0.00	11.27	5.94	0.00	1	5	2	VIAQHVLSM[147]DC[339]RVARILGVSEEMR	1
							3	FMAEAADSYRM[147]NAERILAGFQPDEEM[147]NEIC[339]K	1
							2	VIAQHVLSMDC[339]RVAR	1
							2	ELEEELLSSEDLR	1
							2	IIQVAVELK	1
BCDO1_HUMAN (Q9HAY6) Beta,beta-carotene 15,15'-monooxygenase (EC 1.14.99.36) (Beta-carotene dioxygenase 1) [MASS=62637]	0.00	1.83	1.36	0.00	1	1	2	ASDC[339]HGAPLT	1
BCL6B_HUMAN (Q8N143) B-cell CLL/lymphoma 6 member B protein (Bcl6-associated zinc finger protein) (Zinc finger protein 62) [MASS=51618]	*	6.67	*	*	*	1	3	AGVGVDVLSLPGGPEARGFAPLLDFM[147]YTSRLR	1
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	*	6.22	*	*	*	1	2	MMSTESANSFTLIGEASDGGTMENLSRR	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	*	5.19	*	*	*	4	3	PLDLSSKVVDVDASKADHM[147]K	1
							3	LGYEELVLYC[330]LENKIC[339]DVNHR	1
							3	MGGTDAVITNVSGSVSSAGRPASASPAPNANADGKTTSR	1
							2	AMM[147]RFSELEMK	1
BDH_HUMAN (Q02338) D-beta-hydroxybutyrate dehydrogenase, mitochondrial precursor (EC 1.1.1.30) (BDH) (3-hydroxybutyrate dehydrogenase) [MASS=38157]	0.21	12.24	0.54	0.33	2	2	2	FGVEAFSDC[330]LR	1
							3	M[147]ETYC[330]SSGSTDTSPVIDAVTHALTATTPYTR	1

BGAT_HUMAN (P16442) Histo-blood group ABO system transferase (NAGAT) [Includes: Glycoprotein-fucosylgalactoside alpha-N-acetylglactosaminyltransferase (EC 2.4.1.40) (Fucosylglycoprotein alpha-N-acetylglactosaminyltransferase) (Histo-blood group A trans [MASS=40934]	0.00	9.04	1.83	0.00	1	2	3	M[147]EMISDFC[339]ER	1
							3	PMILFLIMLVLVFGYGVLSPR	2
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	*	2.06	*	*	*	3	2	AGSSTLPPVKSK	1
							2	PSEQEMSEIKHPETINR	1
							2	PRYISGTVR	1
BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	0.00	10.20	2.43	0.09	2	9	2	HLDVDLDRQSLSSIDKNPSE	1
							3	RAC[339]QVALDEIKAEIEK	1
							2	EIIEHGIELFNKK	1
							3	SPTIRDMAIRC[339]IAQMVNSQAANIR	1
							3	ANFIEADKYFLPFELAC[330]QSKSPR	1
							3	IVFRIFDNM[147]KLPEQLSEK	1
							2	LIAYGHITGNAPDSGAPGKR	1
							2	VLQEYTSDDMNVPAGDR	1
							3	RC[339]SVTSMESTVSSGTQTTVQDDPEQFEVIK	1
BIRC1_HUMAN (Q13075) Baculoviral IAP repeat-containing protein 1 (Neuronal apoptosis inhibitory protein) [MASS=159581]	0.00	0.86	3.19	0.00	1	1	2	RFHPDC[339]GFLLNK	1
BIRC5_HUMAN (O15392) Baculoviral IAP repeat-containing protein 5 (Apoptosis inhibitor survivin) (Apoptosis inhibitor 4) [MASS=16389]	0.00	7.75	0.64	0.00	1	1	2	HSSGC[330]AFLSVK	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	*	1.51	*	*	*	4	1	EVIHK	1
							3	KASTVHMM[147]LQPILTYM[147]AC[339]GYMGR	1
							2	ENGADIFLYNANR	1
							3	DKEIDLELLQDLMEVDIDPLDIDLEKDPLAAK	1
BKLH5_HUMAN (Q96NJ5) BTB and kelch domain-containing protein 5 [MASS=70352]	0.00	4.19	1.12	0.00	1	1	2	AMFSLC[339]MVESGADEVNLHGVTSGLK	1
							3	AM[147]FSLC[330]M[147]VESGADEVNLHGVTSGLK	1
BPIL3_HUMAN (Q8NFQ5) Bactericidal/permeability-increasing protein-like 3 precursor [MASS=49716]	*	1.77	*	*	*	1	2	FLDSTLHK	1

BRAC_HUMAN (O15178) Brachyury protein (T protein) [MASS=47443]	*	4.60	*	*	*	1	3	GDPTERELRVGLEESELWLR	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	0.00	2.55	0.79	0.00	2	4	2	LSISNSNNFEVGPPAFRIASGK	1
							3	C[330]QLILQNNIEM[147]TTGTFVEEITENYKR	1
							2	EAASHGFGKTSKNSFKVNSC[330]K	1
							2	ISLKAAVGGQVPSAC[330]SHK	1
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	0.00	2.55	0.83	0.00	1	1	3	ISIFDPLEIILEDLTAEQEM[147]SEC[339]NSNK	1
BRD9_HUMAN (Q9H8M2) Bromodomain-containing protein 9 (Rhabdomyosarcoma antigen MU-RMS-40.8) [MASS=55664]	0.00	4.59	0.37	0.00	1	2	2	LMC[330]DNAMTYNRPDTVYYK	1
							1	DRINR	1
BRI3B_HUMAN (Q8WY22) BRI3-binding protein (I3-binding protein) (Cervical cancer 1 proto-oncogene-binding protein KG19) (HCCR-1) [MASS=27835]	0.00	5.58	1.45	0.00	1	1	2	VVLFMSMC[339]VYILHK	1
BUB1_HUMAN (O43683) Mitotic checkpoint serine/threonine-protein kinase BUB1 (EC 2.7.11.1) (hBUB1) (BUB1A) [MASS=122374]	0.00	3.50	0.12	0.00	1	2	2	EGC[330]ETHK	1
							2	EGC[339]ETHKVANTSSFHTTPNTSLGMVQATPSK	1
C163B_HUMAN (Q9NR16) Scavenger receptor cysteine-rich type 1 protein M160 precursor (CD163 antigen-like 1) (CD163b antigen) [MASS=159263]	0.00	3.03	8.78	0.00	1	2	3	ELNC[339]GDAISLSVGDHFGKGNGLTWAEEK	1
							2	QLGC[339]GKPMHVFGMTYFK	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	15.96	4.06	0.10	2	2	3	ALVLDC[330]HYPEDEVGQEDEAESDIFSIR	1
							2	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
							2	M[147]SGGWLELNGTEAKLVR	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	0.91	0.10	3	1	2	SLC[330]LGPALIHAK	2
							2	SLC[339]LGPALIHAK	1
CABL2_HUMAN (Q9BT77) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	*	3.56	*	*	*	1	2	C[339]SLEFLEDAVGC[330]APAQR	1

CAC1E_HUMAN (Q15878) Voltage-dependent R-type calcium channel subunit alpha-1E (Voltage-gated calcium channel subunit alpha Cav2.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 6) (Brain calcium channel II) (BII) [MASS=261728]	0.00	4.28	0.49	0.00	1	5	3 AAC[339]GRIHYTEM[147]YEM[147]LTLMSPPLGLGK 3 C[330]NSEERGTQADWESPERR 3 YLNIAFTMVFSLEC[330]VLK 3 RSNSSWLEEFM[147]ER 3 GGPGPGMM[147]C[330]GAVNNLLSDTEEDDK	1 1 1 1 1
CAC1F_HUMAN (O60840) Voltage-dependent L-type calcium channel subunit alpha-1F (Voltage-gated calcium channel subunit alpha Cav1.4) [MASS=219494]	0.00	4.78	0.81	0.00	1	5	2 RLVAMNM[147]PLNSDGTVTFNATLFALVR 2 RNQHSKHK 1 GLLGNDAAPSTSSALQAGLR 2 AQGEQEYQNC[339]ELDKNQR 2 KEKGLLGNDAAAPSTSSALQAGLR	1 1 1 1 1
CAC1G_HUMAN (O43497) Voltage-dependent T-type calcium channel subunit alpha-1G (Voltage-gated calcium channel subunit alpha Cav3.1) (Cav3.1c) (NBR13) [MASS=262470]	*	0.42	*	*	*	1	2 NSLGRAPSLK	1
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	1.00	3.76	0.98	0.01	3	2	3 FTLC[339]PNGYYFAIDPNGYVLLHPNLQPK 3 FTLC[330]PNGYYFAIDPNGYVLLHPNLQPK 2 TPNNPSC[330]NADLINR	1 1 1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	*	2.03	*	*	*	1	3 C[330]GEDYKLHFIFR	1
CAN9_HUMAN (O14815) Calpain-9 (EC 3.4.22.-) (Digestive tract-specific calpain) (nCL-4) (CG36 protein) [MASS=79096]	0.00	5.65	1.19	0.00	1	3	3 KLSLISC[339]KNIISLMDTSGNGK 1 PGEIVK 3 RGSLLGC[330]FIDTR	1 1 1
CAPS1_HUMAN (Q9ULU8) Calcium-dependent secretion activator 1 (Calcium-dependent activator protein for secretion 1) (CAPS-1) [MASS=152786]	*	1.33	*	*	*	1	2 LQLYVFVM[147]RC[330]IAYPFNAK	1
CAPS2_HUMAN (Q86UW7) Calcium-dependent secretion activator 2 (Calcium-dependent activator protein for secretion 2) (CAPS-2) [MASS=147734]	*	1.16	*	*	*	2	2 DADRFQK 2 M[147]DKPAHMK	1 1
CAR10_HUMAN (Q9BWT7) Caspase recruitment domain-containing protein 10 (CARD-containing MAGUK protein 3) (Carma 3) [MASS=115945]	0.91	3.49	0.89	0.00	1	3	1 C[339]LPSSR 2 LSILPFPPSAGSILR 2 ALNPAKLTPYLRQC[330]R	1 1 1

CAR11_HUMAN (Q9BXL7) Caspase recruitment domain-containing protein 11 (CARD-containing MAGUK protein 3) (Carma 1) [MASS=132641]	*	1.22	*	*	*	1	3	GIQLQRAKSPISLK	1
CARKL_HUMAN (Q9UHH6) Carbohydrate kinase-like protein (EC 2.7.1.-) [MASS=51504]	*	4.18	*	*	*	1	2	AAPDDPSGFAVLASC[330]ARAAR	1
CASC5_HUMAN (Q8NG31) Protein CASC5 (Cancer susceptibility candidate gene 5 protein) (ALL1-fused gene from chromosome 15q14) (AF15q14) (D40/AF15q14 protein) [MASS=265191]	0.00	2.22	0.97	0.01	2	3	2 SLNIIENSSAPIC[339]ENK 3 TIYSGEENMDITKSHTVAIDNQIFK 2 AQVESC[330]QLNNR 3 TIYSGEENM[147]DITKSHTVAIDNQIFK	1 1 1 1	
CASP9_HUMAN (P55211) Caspase-9 precursor (EC 3.4.22.-) (CASP-9) (ICE-like apoptotic protease 6) (ICE-LAP6) (Apoptotic protease Mch-6) (Apoptotic protease-activating factor 3) (APAF-3) [Contains: Caspase-9 subunit p35; Caspase-9 subunit p10] [MASS=46281]	0.00	6.01	0.63	0.00	1	1	3 GSQALPLFISC[330]LEDTGQDMLASFLR	1	
CASP_HUMAN (Q13948) Protein CASP [MASS=77455]	0.00	10.62	1.20	0.00	1	4	3 LAWSESMERDC[339]ATFC[330]AK 2 ELIARLEQDLSIIQSIQR 2 ISNSDLSGRC[330]AELQVR 2 PLEVLLLEKNRSLQSENAALR 2 ISNSDLSGRC[339]AELQVR 3 ISNSDLSGRC[339]AELQVR	1 1 1 1 1 1	
CATL2_HUMAN (O60911) Cathepsin L2 precursor (EC 3.4.22.43) (Cathepsin V) (Cathepsin U) [MASS=37329]	0.00	8.68	0.13	0.00	1	2	2 NLDHGVLVVGYGFEGANSNNSK 2 QM[147]M[147]GC[330]FR	1 1	
CATS_HUMAN (P25774) Cathepsin S precursor (EC 3.4.22.27) [MASS=37495]	0.53	5.44	3.53	0.00	1	1	3 GC[339]NGGFM[147]TTAFQYIIDNK	1	
CCD37_HUMAN (Q494V2) Coiled-coil domain-containing protein 37 [MASS=71117]	*	4.09	*	*	*	2	2 ILQEEHLQRARAR 2 NVEPENMSGYIK	1 1	
CCDC4_HUMAN (Q6ZU67) Coiled-coil domain-containing protein 4 [MASS=57856]	0.00	4.15	0.84	0.00	1	1	3 AAAAASSSSPSC[339]TPATSQGHLLR	1	
CCL5_HUMAN (P13501) Small inducible cytokine A5 precursor (CCL5) (T-cell-specific RANTES protein) (SIS-delta) (T cell-specific protein P228) (TCP228) [Contains: RANTES(3-68); RANTES(4-68)] [MASS=9990]	0.00	13.19	4.49	0.00	1	1	3 C[339]SNPAVVVFVTRK	1	

CCNG1_HUMAN (P51959) Cyclin-G1 (Cyclin-G) [MASS=34074]	0.00	7.46	0.86	0.00	1	2	2	LIESAHDNGLRMTARLR AC[339]HC[339]R	1 1
CD1D_HUMAN (P15813) T-cell surface glycoprotein CD1d precursor (CD1d antigen) (R3G1) [MASS=37717]	0.00	6.87	1.01	0.00	1	1	2	ETVQWLLNGTC[339]PQFVSGLLESGK	1
CD37_HUMAN (P11049) Leukocyte antigen CD37 (Tetraspanin-26) (Tspan-26) [MASS=31703]	0.00	9.96	0.60	0.00	1	1	3	C[339]LLGLYFGM[147]LLLLFATQITLGILISTQR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.56	0.06	2	2	2	LRENELTYYC[330]C[330]K FEHC[330]NFNDVTTR	1 1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.98	21.61	0.71	0.00	1	2	2	TFHETLDC[339]C[339]GSSTLTALTTSVLK DQIAKDVKQFYDQALQQAVVDDDANNAK	1 1
CD82_HUMAN (P27701) CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1) (Suppressor of tumorigenicity-6) (Tetraspanin-27) (Tspan-27) [MASS=29625]	*	5.24	*	*	*	1	3	LKQEMGGIVTELIR	2
CD86_HUMAN (P42081) T-lymphocyte activation antigen CD86 precursor (Activation B7-2 antigen) (CTLA-4 counter-receptor B7.2) (B70) (FUN-1) (BU63) [MASS=37696]	0.00	4.56	2.10	0.00	1	1	2	C[339]GTNTM[147]ERESESEQTK	1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	0.99	13.22	0.90	0.06	2	2	3	AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK NREMV	2 1
CDK5_HUMAN (Q00535) Cell division protein kinase 5 (EC 2.7.11.22) (Tau protein kinase II catalytic subunit) (TPKII catalytic subunit) (Serine/threonine-protein kinase PSSALRE) [MASS=33304]	0.66	9.25	2.04	0.00	1	2	2	LHDVLHSDK ISAEELQHPYFSDFC[339]PP	1 1

CDK6_HUMAN (Q00534) Cell division protein kinase 6 (EC 2.7.11.22) (Serine/threonine-protein kinase PLSTIRE) [MASS=36938]	0.00	8.90	1.54	0.00	1	1	3	APEVLLQSSYATPVDLWSVGC[339]IFAEMFRR	1
CDKL1_HUMAN (Q00532) Cyclin-dependent kinase-like 1 (EC 2.7.11.22) (Serine/threonine-protein kinase KKIALRE) (Protein kinase p42 KKIALRE) [MASS=41701]	0.00	4.48	1.01	0.00	1	1	2	LTC[330]EQLLHHPYFENIR	1
CDON_HUMAN (Q4KMG0) Cell adhesion molecule-related/down-regulated by oncogenes precursor [MASS=139233]	0.00	3.81	0.92	0.00	1	3	2	ISWLHNGKTLDGNLEHIK	1
							3	MQC[330]FNEGGGESEFSNVMIC[330]ETKVKR	1
							1	VPESNPK	4
CECR2_HUMAN (Q9BXF3) Cat eye syndrome critical region protein 2 [MASS=164214]	*	2.16	*	*	*	1	3	PSGMQMHPVQSQASFPKTPAATSQEEVPPHK	1
CELR1_HUMAN (Q9NYQ6) Cadherin EGF LAG seven-pass G-type receptor 1 precursor (Flamingo homolog 2) (hFmi2) [MASS=329484]	0.00	2.49	0.39	0.00	1	4	2	EPC[339]ENYMKC[330]VSVLR	1
							3	DIGNYSC[330]AAQGTQTGSKK	1
							3	GC[330]MQGVRMGGTPTNVATLNM[147]NNALKVR	1
							3	DANSVITYQLTGGNTR	1
CELR2_HUMAN (Q9HCU4) Cadherin EGF LAG seven-pass G-type receptor 2 precursor (Epidermal growth factor-like 2) (Multiple epidermal growth factor-like domains 3) (Flamingo 1) [MASS=317450]	*	0.51	*	*	*	1	3	ATDGDAPPNANILYR	1
CELR3_HUMAN (Q9NYQ7) Cadherin EGF LAG seven-pass G-type receptor 3 precursor (Flamingo homolog 1) (hFmi1) (Multiple epidermal growth factor-like domains 2) (Epidermal growth factor-like 1) [MASS=358255]	0.00	1.51	0.02	0.00	1	4	3	C[339]VPGVC[339]RNGGTC[339]TDAPNGGFR	1
							2	FQRPLC[330]R	1
							3	HYLRVTAQDHGSPR	1
							2	RQSARNR	1
CENB1_HUMAN (Q15027) Centaurin-beta 1 (Cnt-b1) [MASS=81535]	0.00	7.57	0.32	0.00	1	3	2	LM[147]C[330]ELGNVIINQIYEAR	1
							2	EGPGGLVMEGHFKR	1
							3	DSEGRDPLTIAMETANADIVTLLR	1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	*	2.57	*	*	*	1	3	LM[147]C[330]ELGNDVINRVYEANVEK	1
CENB5_HUMAN (Q96P50) Centaurin-beta 5 (Cnt-b5) [MASS=84664]	0.00	4.87	3.28	0.00	1	2	3	LMC[339]ELGNSAVNQIYEAQC[330]EGAGSR	1
							2	C[339]IQEFISLHLEES	1

CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	0.00	4.93	0.78	0.00	1	3	3	PDVLETM[147]ALLFSGADVMC[330]ATGDPVHSTPYLLAKK	1
							3	GWFAM[147]DKSSLHFC[330]LQM[147]QEVQGDRMHLR	1
							3	ILKQLQIILSKMQDPIYANVHK	1
CEND2_HUMAN (Q96P48) Centaurin-delta 2 (Cnt-d2) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 1) [MASS=136263]	*	3.55	*	*	*	3	2	HQAM[147]EAMLLYLASRVGDTK	1
							2	GLGAGVSKVR	1
							3	AQEGWFSLSGSELR	1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitotin) (AH antigen) [MASS=367592]	0.00	3.74	0.83	0.00	1	6	3	HEC[330]QNLESEPIR	1
							2	GFADIPTGKTSPYILR	1
							3	EADEYLDKYC[339]SLLISHEKLEK	1
							3	QRSSGIWENGSGPTPATPESFSK	1
							3	EQNLSSQVEC[330]LELEKAQLLQGLDEAK	1
							3	NKEIQELEQLLSSERQELDC[330]LR	1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	*	9.21	*	*	*	3	3	QDENEGIKVEDLLFIVDTM[147]LEEVENKEK	1
							3	EDESQSEEENDYR	1
							2	ANDLEQIMESVKSK	1
CERKL_HUMAN (Q49MI3) Ceramide kinase-like protein [MASS=62622]	*	1.79	*	*	*	1	2	NRVSALEGGR	2
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	*	3.61	*	*	*	2	3	KLLDEDISIFSGSEM[147]LPVVK	1
							3	LLETKYKSLVTTAIQQC[330]VQYFEM[147]C[330]K	1
CF182_HUMAN (Q8IYX8) Protein C6orf182 [MASS=53648]	*	4.57	*	*	*	2	2	GEQISKLKK	1
							3	MRQHRDPHILQK	1
CFAB_HUMAN (P00751) Complement factor B precursor (EC 3.4.21.47) (C3/C5 convertase) (Properdin factor B) (Glycine-rich beta glycoprotein) (GBG) (PBF2) [Contains: Complement factor B Ba fragment; Complement factor B Bb fragment] [MASS=85532]	*	9.69	*	*	*	3	3	QLNEINYEDHKLKSGTNTK	1
							3	GGSFRLQEGQALEYVC[330]PSGFYPYPVQTR	1
							2	EDYLDVYVFGVGPLVNQVNINALASK	1
CFP1_HUMAN (Q8ND76) Cyclin fold protein 1 (Cyclin box protein 1) [MASS=39336]	0.00	3.23	2.46	0.00	1	1	2	C[339]VALAIYYHIK	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	7.16	1.39	0.09	3	3	2	C[339]EFQDAYVLLSEK	1
							3	C[339]EFQDAYVLLSEKK	1
							1	C[339]EFQDAYVLLSEK	1
							2	C[330]EFQDAYVLLSEKK	1
							2	DGVTVAKSIDLKDK	1

CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	5.73	1.48	0.00	2	1	2 2	YESHPVC[339]ADLQAK YESHPVC[330]ADLQAK	1 1
CHD1_HUMAN (O14646) Chromodomain-helicase-DNA-binding protein 1 (EC 3.6.1.-) (ATP-dependent helicase CHD1) (CHD-1) [MASS=196517]	*	0.82	*	*	*	1	3	GSTSGFLNIM[147]M[147]ELK	1
CHD3_HUMAN (Q12873) Chromodomain helicase-DNA-binding protein 3 (EC 3.6.1.-) (ATP-dependent helicase CHD3) (CHD-3) (Mi-2 autoantigen 240 kDa protein) (Mi2-alpha) (Zinc-finger helicase) (hZFH) [MASS=226590]	*	0.65	*	*	*	1	2	YERIDGGITGALR	1
CHD8_HUMAN (Q9HCK8) Chromodomain-helicase-DNA-binding protein 8 (EC 3.6.1.-) (ATP-dependent helicase CHD8) (CHD-8) (Helicase with SNF2 domain 1) [MASS=262315]	0.00	1.82	5.09	0.00	1	2	2 2	LSPSSSSSSSSSSSSSTDESEDEK NYSYLHC[339]EWATISQLEK	1 1
CHIC1_HUMAN (Q5VXU3) Cysteine-rich hydrophobic domain 1 protein (Brain X-linked protein) [MASS=25616]	*	10.27	*	*	*	1	3	RYAPDPVLVRGAGHITVFGLSNK	1
CHMP3_HUMAN (Q9Y3E7) Charged multivesicular body protein 3 (Chromatin-modifying protein 3) (Vacuolar protein sorting 24) (hVps24) (Neuroendocrine differentiation factor) [MASS=24942]	*	6.33	*	*	*	1	3	PPKELVNEWSLKIR	1
CHSS1_HUMAN (Q86X52) Chondroitin sulfate synthase 1 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase 1) (Chondroitin sulfate synthase 1) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltran [MASS=91729]	0.00	8.85	1.12	0.00	1	3	3 2 3	LALEPGENFC[339]M[147]GGPGVIMSREVL R IVYSGKVPSDNHFAFTQKTGFWR FAGVQC[339]VWSYEM[147]QQLFYENYEQNK	1 1 1
CHST3_HUMAN (Q7LGC8) Carbohydrate sulfotransferase 3 (EC 2.8.2.17) (Chondroitin 6-sulfotransferase) (Chondroitin 6-O-sulfotransferase 1) (C6ST-1) (C6ST) (Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0) (GST-0) [MASS=54673]	0.00	7.52	1.69	0.00	1	2	3 2	WRFSM[147]PFKLAQVVQAPC[330]GPAM R LAQVVQAPC[339]GPAM[147]R	1 1

CHST5_HUMAN (Q9GZS9) Carbohydrate sulfotransferase 5 (EC 2.8.2.-) (N-acetylglucosamine 6-O-sulfotransferase 3) (GlcNAc6ST-3) (Intestinal GlcNAc-6-sulfotransferase) (Intestinal N-acetylglucosamine-6-O-sulfotransferase) (I-GlcNAc6ST) (hGn6ST) (Galactose/N [MASS=43832]	*	2.56	*	*	*	1	3	QDVC[339]KTLC[330]TR	1
CHSTE_HUMAN (Q8NCH0) Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D4ST-1) (hD4ST) [MASS=42997]	0.00	2.66	1.64	0.00	1	1	2	AVC[339]GQPGM[147]PR	1
CI032_HUMAN (Q9BV86) Protein C9orf32 [MASS=25256]	*	12.61	*	*	*	2	2	EGPNKTGTSC[339]ALDC[339]GAGIGR RLLLPLFR	1 1
CI038_HUMAN (Q9UI66) Protein C9orf38 [MASS=13396]	0.00	13.56	0.48	0.00	1	1	2	HNYKATC[330]LMRFLPLQR	1
CI043_HUMAN (Q8TAL5) Protein C9orf43 [MASS=52221]	0.23	3.47	1.89	0.00	1	1	2	QTM[147]LC[339]PEMKIKLAMMK	1
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	*	1.24	*	*	*	2	3 2	RPMNAFMIFSKR FAELPEFR	1 2
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	3.65	1.51	0.05	2	2	1 2 2	LPC[339]VAAK YTC[339]QREFALK LPC[339]VAAK	1 1 1
CJ067_HUMAN (Q8IYJ2) Protein C10orf67 [MASS=21463]	0.00	32.07	0.46	0.00	1	2	3 3 2 2 3 2 1 3 2	AHYVMSIVIRWVHC[330]FSSSLRGTFGTR GSTRLNISDDLKIGFFSTDHATQTDSEILSVK IVHAFDM[147]EDLGDKAVYC[339]R KFPFC[330]DGAHTK KFPFC[339]DGAHTK AVYC[339]R FPFC[339]DGAHTK KFPFC[339]DGAHTK FPFC[339]DGAHTK IVHAFDM[147]EDLGDKAVYC[339]R FPFC[330]DGAHTK	1 1 1 1 1 1 1 1 1 1
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	40.74	1.31	0.05	9	4	2 2 1 3 2	FPFC[339]DGAHTK KFPFC[339]DGAHTK FPFC[339]DGAHTK IVHAFDM[147]EDLGDKAVYC[339]R FPFC[330]DGAHTK	1 1 1 1 1
CJ084_HUMAN (Q9H8W3) Protein C10orf84 [MASS=27021]	0.00	10.30	0.81	0.00	1	1	3	TETESNVNAYEEC[339]PSGIPIDM[147]WVK	1
CJ093_HUMAN (Q5SR76) Protein C10orf93 [MASS=46712]	0.00	11.36	4.70	0.00	1	3	3 1 2	KMESKVSGFM[147]TLLPGDEALLTVQLDK SHVPQK QPEVSEDC[339]IQM[147]YFK	1 1 1

CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	*	4.38	*	*	*	5	3	PDLLKVRELLLGQLFLTEQEVSGEHLDGK	1
							2	QHMNTM[147]IK	1
							2	PHDELKLSLC[330]EAQLVK	1
							2	VSDLIQLVKELYTDNQHLKK	1
							2	LHKKLFEQEK	2
CLC10_HUMAN (Q8IUN9) C-type lectin domain family 10 member A (C-type lectin superfamily member 14) (Macrophage lectin 2) (CD301 antigen) [MASS=35446]	0.00	18.04	2.67	0.00	1	2	3	LC[330]SGPC[330]HLLLSLGLGLLLVVIC[330]VVGFGNSK	1
							3	WNDDVC[339]QRPYHWVC[339]EAGLGQTSQESH	1
CLC14_HUMAN (Q86T13) C-type lectin domain family 14 member A precursor (Epidermal growth factor receptor 5) (EGFR-5) [MASS=51635]	0.00	6.73	10.17	0.00	1	1	2	SC[339]VTSGEGQPTLGGTGVPTRRPPATATSPVPQR	1
							3	IHEGC[330]EEPATHNALAK	2
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	1.91	0.76	0.25	3	2	3	IHEGC[339]EEPATHNALAK	1
							1	HNIMDFAMPYFIQVMK	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	*	1.40	*	*	*	2	1	HLIM[147]AVR	1
							3	KDHLKDYDAM[147]QHAAESR	1
CLIC2_HUMAN (O15247) Chloride intracellular channel protein 2 (XAP121) [MASS=28356]	0.00	4.86	6.96	0.00	1	1	3	ESFDVGC[339]NLFAK	1
CLN8_HUMAN (Q9UBY8) Protein CLN8 [MASS=32815]	0.00	10.49	0.19	0.00	1	1	3	STLMVAGFVFYLGVFVVC[330]HQLSSSLNATYR	1
CM007_HUMAN (Q5W0B1) Protein C13orf7 [MASS=81116]	*	11.29	*	*	*	4	3	NSSEEKEAM[147]NSIC[339]QTALSADGK	1
							2	KIQSSLSSASPSKATK	1
							2	TRTSSEASMDAAYLDK	1
							3	VPITPENPC[339]KEIIGGTSESEPMLSHTVR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	4.57	1.24	0.00	2	2	2	AGQTTYSGVIDC[330]FRK	2
							2	AGQTTYSGVIDC[339]FRK	1
							2	DIPFSAIYFPVYAHK[330]K	1
CN050_HUMAN (Q96LQ0) Protein C14orf50 [MASS=49440]	*	9.48	*	*	*	3	2	KRMFTVQFR	1
							3	IC[330]SFTTFM[147]RNK	1
							3	IQDTLDLVMKTLSSHTSC[339]PK	1
CN129_HUMAN (Q9P0R6) UPF0279 protein C14orf129 [MASS=15648]	0.00	12.23	0.50	0.00	1	1	3	C[330]ADDVAYINVETKERNR	1

							2	RPPGVLHC[339]TTK	2
							3	AHITLGC[339]AADVEAVQTGLDLLEILR	4
							2	AHITLGC[330]AADVEAVQTGLDLLEILR	1
							3	DKPELQFPFLQDEDTVATLLEC[339]K	1
							3	LDC[339]AQLKEK	1
							2	DKPELQFPFLQDEDTVATLLEC[339]K	1
							2	RPPGVLHC[330]TTK	2
							2	DKPELQFPFLQDEDTVATLLEC[330]K	1
							2	RLDEDLAAYC[339]R	1
							2	LDEDLAAYC[330]R	1
							2	AHITLGC[339]AADVEAVQTGLDLLEILR	2
							1	FC[339]DYGK	1
							3	RPPGVLHC[339]TTK	1
							3	AHITLGC[330]AADVEAVQTGLDLLEILR	2
							2	VIIEC[330]KPK	1
							2	VLEPM[147]PSTAEISTSGAVLK	1
							2	LGLYGC[330]PYK	1
							1	FPRGVSR	1
							2	IRAVATQGSFNSWDWVTR	1
							2	LHGISGWSPR	1
							1	PWVLR	1
							3	TDC[339]PIHVYFVLDTSESVTM[147]QSPTDILLFHMK	1
							2	GEMGQPGPSGER	1
							2	LYAADIVFLLDGSSSIGR	1
							3	GEPGPPGPPGRLVDTGPGAREK	1
							3	AVTGSTEAC[330]HPFVYGGC[330]GGNANR	1
							2	GC[330]PGRFVYTALNEPTIDYGFQR	1
							2	SC[339]SSASPR	1
							3	AAPPKLPTPLQSPRR	1
							2	ARGQAPGSGGR	1
							2	M[147]LPDKDC[330]R	1
							2	M[147]LPDKDC[339]R	1
							2	MLPDKDC[339]R	1
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	22.57	1.12	0.12	20	7			
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	0.98	2.65	0.42	0.00	1	2			
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.00	3.54	0.69	0.00	1	5			
CO6A2_HUMAN (P12110) Collagen alpha-2(VI) chain precursor [MASS=108573]	0.00	3.04	1.98	0.00	1	1			
CO7A1_HUMAN (Q02388) Collagen alpha-1(VII) chain precursor (Long-chain collagen) (LC collagen) [MASS=295217]	0.00	2.55	0.37	0.00	1	4			
COE4_HUMAN (Q9BQW3) Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (OE-4) (O/E-4) [MASS=68360]	0.00	9.01	16.74	0.00	1	4			
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	4.85	0.75	0.07	3	1			

COPA_HUMAN (P53621) Coatamer subunit alpha (Alpha-coat protein) (Alpha-COP) (HEPCOP) (HEP-COP) [Contains: Xenin (Xenopsin-related peptide); Proxenin] [MASS=138331]	0.00	3.92	1.13	0.00	1	3	3	C[339]LFTLLGHLDYIR	1
							2	VKGNNVYC[330]LDREC[339]R	1
							3	GVNWAAFHPTMPLIVSGADDR	1
COPG_HUMAN (Q9Y678) Coatamer subunit gamma (Gamma-coat protein) (Gamma-COP) [MASS=97718]	0.00	2.75	0.76	0.00	1	2	2	ALC[330]QITDSTMLQAIER	1
							2	YIRFIYNR	2
CORO7_HUMAN (P57737) Coronin-7 (70 kDa WD repeat tumor rejection antigen homolog) [MASS=100574]	0.26	3.35	1.09	0.00	1	1	3	VAHLGC[339]HSDLVTDLDFSPFDDFLATGSADR	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	4.65	1.51	0.00	2	1	1	C[330]GAHYK	1
							1	C[339]GAHYK	1
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	0.94	26.98	1.03	0.00	1	1	2	M[147]C[339]LYFGSAFATPFLVVR	1
CP2D6_HUMAN (P10635) Cytochrome P450 2D6 (EC 1.14.14.1) (CYPIID6) (P450-DB1) (Debrisoquine 4-hydroxylase) [MASS=55769]	0.00	11.87	1.42	0.00	1	2	3	PFRFHPEHFLDAQGHFVKPEAFLPFSAGR	1
							3	YPPGPLPLPGLGNLLHVDFQNTPYC[339]FDQLR	1
CP343_HUMAN (Q9HB55) Cytochrome P450 3A43 (EC 1.14.14.1) [MASS=57669]	0.00	5.37	*	*	*	1	3	LGIPGPTPLPFLGTILFYLRGLWNFDR	1
CPLX1_HUMAN (O14810) Complexin-1 (Complexin I) (CPX I) (Synaphin-2) [MASS=15030]	0.00	17.91	0.33	0.00	1	1	2	KAIPPGC[330]GDEVEEEDSILDTVIK	1
CPNE3_HUMAN (O75131) Copine-3 (Copine III) [MASS=60130]	*	7.45	*	*	*	2	3	VEC[339]YDYDNDGSHDLIGTFQTTMTKLK	1
							2	VVLFEM[147]EARKLDNK	1
CPNE6_HUMAN (O95741) Copine-6 (Copine VI) (Neuronal-copine) (N-copine) [MASS=61991]	0.00	5.92	1.74	0.02	2	3	2	DTLTkPHPC[339]VLLK	1
							2	SC[339]SSPVFSR	1
							2	FLVYDYDSSGK	1
CRSP8_HUMAN (Q6P2C8) CRSP complex subunit 8 (Cofactor required for Sp1 transcriptional activation subunit 8) (Transcriptional coactivator CRSP34) (P37 TRAP/SMCC/PC2 subunit) [MASS=35432]	*	2.25	*	*	*	1	1	SFMTWLR	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	3.12	2.01	0.01	3	1	2	HEQNIDC[339]GGGYVK	2
							2	HEQNIDC[330]GGGYVK	1
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	1.00	2.87	0.60	0.14	3	1	2	GVKPAHC[330]EK	2
							2	GVKPAHC[339]EK	1

CSDE1_HUMAN (O75534) Cold shock domain-containing protein E1 (UNR protein) (N-ras upstream gene protein) [MASS=88884]	0.00	0.75	0.35	0.00	1	1	2	VC[330]EGPK	1
CSK1_HUMAN (Q8WXD9) Caskin-1 (CASK-interacting protein 1) [MASS=149813]	*	3.35	*	*	*	2	1 3	PSSHLPPTPRATTR RASDLAGSVDTGSAGSVKSIAAMLELSSIGGGGR	1 1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	0.00	0.87	2.82	0.00	1	3	1 3 3	VHYFC[330]K C[339]EDPGIPNYGYR SNGQWSSPLPTC[330]R	1 1 1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	2.06	0.45	0.21	4	5	2 2 2	EETVMMEGSGDAAFR FTFEEAAKEC[330]ENQDAR FDAYC[330]FKPK ETTVLVAQNGNIKIGQDYK AQC[330]GGGLLGVR	1 2 1 1 1
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	0.00	2.80	0.63	0.00	1	3	2 3 2	C[330]GGPAPGVR C[330]GGPAPGVRTVYR DRYALTFAEAQEAC[339]R	1 1 1
CSR2B_HUMAN (Q9H8E8) Cysteine-rich protein 2-binding protein (CSR2-binding protein) (CRP2BP) (CRP2-binding partner) [MASS=88801]	0.00	4.48	0.38	0.00	1	2	2 3	AGIATFMIYHLIQT[C[330]M[147]GK PPTMKPEGEKLSASTLK	1 1
CT135_HUMAN (Q9H3Z7) Uncharacterized protein C20orf135 [MASS=52554]	*	8.10	*	*	*	2	3 3	HLKNVEATHFSPLPEEFQLPWR MC[339]VIC[339]FVKALVRVFK	1 1
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	*	2.69	*	*	*	1	3	GVAEVLRDGDC[339]PAVLIPSK	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	0.83	3.84	0.42	0.00	1	2	2 3	NLALC[330]PANHAPLR LIILASGGPQALVNIMR	1 1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	0.00	0.57	1.00	0.00	1	1	2	NVEFIHSLLRQC[330]K	1
CU055_HUMAN (Q9NX36) J domain-containing protein C21orf55 [MASS=45805]	0.00	14.95	1.62	0.00	1	3	3 3 3	EYYRLLNVEEGC[339]SADEV MLPYFGIIRNRM[147]M[147]STHK EYYRLLNVEEGC[339]SADEVRESFHK	1 1 1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	0.00	6.35	5.35	0.00	1	1	3	AALLFVSSVC[339]IGLALTLC[339]ALVIRESC[339]AK	1

CUGB1_HUMAN (Q92879) CUG triplet repeat RNA-binding protein 1 (CUG-BP1) (RNA-binding protein BRUNOL-2) (Deadenylation factor CUG-BP) (50 kDa Nuclear polyadenylated RNA-binding protein) (EDEN-BP) [MASS=52063]	0.00	9.05	0.55	0.00	1	2	3	AM[147]HQAQTM[147]EGC[339]SSPMVVK	1
							3	AM[147]AQTAIKAMHQAQTMEGC[330]SSPM[147]VVK	1
CUTL1_HUMAN (P39880) Homeobox protein cut-like 1 (CCAAT displacement protein) (CDP) [MASS=164271]	0.00	3.99	0.69	0.00	1	4	2	PWNKLTVR	1
							3	VLGLSQGSVSDM[147]LSR	1
							3	MKQFLSDEQNILALR	1
							2	EAQDAPGLDPQGAADC[330]AQGVLR	1
CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	*	1.74	*	*	*	1	3	LHENYYAM[147]YLKYLRSVR	1
CXA1_HUMAN (P17302) Gap junction alpha-1 protein (Connexin-43) (Cx43) (Gap junction 43 kDa heart protein) [MASS=42877]	0.00	7.61	0.52	0.00	1	3	2	VKMRGGLLR	1
							2	GGLLRTYIISILFK	1
							2	DC[339]GSQK	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	11.38	1.37	0.05	4	2	2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	1
							2	HLVGVC[330]YTEDEAK	1
							2	HLVGVC[339]YTEDEAK	1
							1	HLVGVC[330]YTEDEAK	1
CY24B_HUMAN (P04839) Cytochrome b-245 heavy chain (p22 phagocyte B-cytochrome) (Neutrophil cytochrome b 91 kDa polypeptide) (CGD91-phox) (gp91-phox) (gp91-1) (Heme-binding membrane glycoprotein gp91phox) (Cytochrome b(558) subunit beta) (Cytochrome b558) [MASS=65204]	0.00	5.98	0.65	0.00	1	1	3	NPEGGLYLAVTLLAGITGVVITLC[339]LILIITSSTK	1
CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	0.00	11.64	0.14	0.00	1	1	3	TQPNLDNC[330]PFHDQPHLK	1
DAPK1_HUMAN (P53355) Death-associated protein kinase 1 (EC 2.7.11.1) (DAP kinase 1) [MASS=160220]	0.00	2.23	2.34	0.00	1	2	2	DLSSGTMVDVPALIK	1
							2	WLC[339]TNVLGKLLSVETPR	1
DAPK3_HUMAN (O43293) Death-associated protein kinase 3 (EC 2.7.11.1) (DAP kinase 3) (DAP-like kinase) (DIK) (ZIP-kinase) [MASS=52535]	0.00	5.29	*	*	*	1	3	QEDVEDHYEMGEELGSGQFAIVRK	1

DAXX_HUMAN (Q9UER7) Death domain-associated protein 6 (Daxx) (hDaxx) (Fas death domain-associated protein) (ETS1-associated protein 1) (EAP1) [MASS=81372]	*	3.11	*	*	*	1	2	LQEKELDLSELDDPD SAYLQEAR	1
DC12_HUMAN (Q96FZ2) UPF0361 protein DC12 [MASS=40575]	*	5.93	*	*	*	1	2	GLSDIHHRMPAILDGEEAVSK	1
DCAK2_HUMAN (Q8N568) Serine/threonine-protein kinase DCAMKL2 (EC 2.7.11.1) (Doublecortin-like and CAM kinase-like 2) [MASS=83639]	*	3.52	*	*	*	2	2 2	LVTVIRSGVK TAHSFEQVLT DITEAIK	1 1
DCE2_HUMAN (Q05329) Glutamate decarboxylase 2 (EC 4.1.1.15) (Glutamate decarboxylase, 65 kDa isoform) (GAD-65) (65 kDa glutamic acid decarboxylase) [MASS=65411]	*	10.26	*	*	*	2	3 2	LSGVERANSVTWNPHKMMGVPLQC[339]SALLVR EIIGWPGGSGDGIFSPGGAISNMYAM[147]MIAR	1 1
DCUP_HUMAN (P06132) Uroporphyrinogen decarboxylase (EC 4.1.1.37) (URO-D) (UPD) [MASS=40787]	0.00	7.36	*	*	*	1	3	YIANLGHG LYPDMDPEHVGAFVDAVHK	1
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	0.22	14.75	0.69	0.00	1	2	2 2	GALDM[147]LTKVM[147]ALELGPHKIR GVPGAIVNVSSQC[330]SQR	1 1
DDAH1_HUMAN (O94760) NG,NG-dimethylarginine dimethylaminohydrolase 1 (EC 3.5.3.18) (Dimethylargininase-1) (Dimethylarginine dimethylaminohydrolase 1) (DDAH1) (DDAH-1) [MASS=30990]	*	7.04	*	*	*	1	2	EVDM[147]MKEALEKLQLNIVEM[147]K	1
DDR1_HUMAN (Q08345) Epithelial discoidin domain-containing receptor 1 precursor (EC 2.7.10.1) (Epithelial discoidin domain receptor 1) (Tyrosine kinase DDR) (Discoidin receptor tyrosine kinase) (Tyrosine-protein kinase CAK) (Cell adhesion kinase) (TRK E) [MASS=101127]	*	2.85	*	*	*	1	3	AFQAMQVHC[330]NNMHTLGARLPGGVEC[339]R	1
DDX1_HUMAN (Q92499) ATP-dependent RNA helicase DDX1 (EC 3.6.1.-) (DEAD box protein 1) (DEAD box protein retinoblastoma) (DBP-RB) [MASS=82432]	*	6.08	*	*	*	2	3 3	VTYGQKRAAGGGSYK IM[147]HFPTWVDLKGEDSVPTVHHVVVPVNP	1 1

DDX46_HUMAN (Q7L014) Probable ATP-dependent RNA helicase DDX46 (EC 3.6.1.-) (DEAD box protein 46) (PRP5 homolog) [MASS=117460]	0.00	3.00	0.29	0.00	1	2	2	RGAEIIVC[330]TPGR	1
							2	QTVM[147]FSATFPRAM[147]EALARR	1
DECR_HUMAN (Q16698) 2,4-dienoyl-CoA reductase, mitochondrial precursor (EC 1.3.1.34) (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH]) [MASS=36067]	*	3.58	*	*	*	1	2	ILYQNTEALQSK	1
DEN2C_HUMAN (Q68D51) DENN domain-containing protein 2C [MASS=106865]	0.00	0.86	1.21	0.00	1	1	2	YNC[339]HQEIR	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	*	3.82	*	*	*	2	3	PRMDDGLLEVVGVTGVVHMGQVQGGLRSGIR	1
							1	GLHKR	1
DHB2_HUMAN (P37059) Estradiol 17-beta-dehydrogenase 2 (EC 1.1.1.62) (17-beta-HSD 2) (Microsomal 17-beta-hydroxysteroid dehydrogenase) (20 alpha-hydroxysteroid dehydrogenase) (20-alpha-HSD) (E2DH) [MASS=42785]	*	5.17	*	*	*	1	3	AAVTMFSSVMRLELSKWGIK	1
DHDDS_HUMAN (Q86SQ9) Dehydrodolichyl diphosphate synthase (EC 2.5.1.-) (Dedol-PP synthase) [MASS=38689]	0.00	6.31	0.44	0.00	1	1	2	C[330]QVERQEGHSQGFKLAETLR	1
							3	AKPYEGSILEADC[339]DILIPAASEK	3
							2	AKPYEGSILEADC[339]DILIPAASEK	2
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	24.37	2.36	0.06	11	7	3	IIKPC[339]NHVLSLSFPIR	1
							3	IFLERNIM[147]VIPDLYLNAGGVTVSYFEWLK	1
							3	EM[147]SWIADTYASTIGHYDINAHAC[330]VTGK	1
							2	TPC[330]KGGIR	1
							3	AKPYEGSILEADC[330]DILIPAASEK	1
							2	IIKPC[339]NHVLSLSFPIR	1
							2	IIKPC[330]NHVLSLSFPIR	1
							2	AGPAALGSASADSAALLGWAR	1
							2	C[339]AVVDVPFGGAK	1
							1	C[339]AVVDVPFGGAK	1

DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.56	15.57	0.25	0.00	1	2	2	GAVHQLC[330]QSLAGK	1
							2	LLGEEKVDAILC[339]VAGGWAGGNAKSK	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	9.04	1.39	0.12	3	3	2	AAFGLSEAGFNTAC[330]VTK	1
							2	AC[339]ALSIEESC[339]RPGDK	1
							3	HVNGQDQIVPGLYAC[339]GEAAC[330]ASVHGANK	1
							3	HVNGQDQIVPGLYAC[330]GEAAC[330]ASVHGANK	1
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	9.29	1.95	0.04	6	3	1	KFAIYR	1
							2	C[330]HTIM[147]NC[330]TR	1
							2	C[330]HTIMNC[330]TR	1
							2	C[339]HTIMNC[339]TR	1
							2	GAQTAAATAPR	1
							2	C[339]HTIM[147]NC[339]TR	3
DHX30_HUMAN (Q7L2E3) Putative ATP-dependent RNA helicase DHX30 (EC 3.6.1.-) (DEAH box protein 30) [MASS=133937]	*	3.43	*	*	*	2	3	ATISLSDSDLLRLEGDSR	1
							2	DTILNAIEQHPVVVISGDTGC[339]GK	1
DHX57_HUMAN (Q6P158) Putative ATP-dependent RNA helicase DHX57 (EC 3.6.1.-) (DEAH box protein 57) [MASS=155603]	*	3.46	*	*	*	3	3	TTQIPQFILDSDLNGPPEKVANIIC[330]TQPRR	1
							2	EGLRAREIEK	1
							1	GGGKGSSR	1
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	0.00	5.49	2.87	0.00	1	3	3	FHQTEGDHLLAVYNSWKNNK	1
							2	FSNPWC[339]YENFIQARSLRR	1
							3	AYRDEM[147]LTTNVPEIQRTNLASTVLSLK	1
DHX9_HUMAN (Q08211) ATP-dependent RNA helicase A (EC 3.6.1.-) (Nuclear DNA helicase II) (NDH II) (DEAH box protein 9) [MASS=140880]	0.00	8.98	0.93	0.00	1	6	3	VILSTNIAETSITINDVVYVIDSC[339]K	1
							2	AIEPPPLDAVIEAEHTLR	1
							3	IRTRAISAK	1
							2	QKFM[147]C[330]EVQVEGYNYTGMGNSTNKK	1
							2	M[147]ARYDNGSGYRR	1
							3	KFESEILEAISQNSVVIIRGATGC[339]GK	1
DIAP3_HUMAN (Q9NSV4) Protein diaphanous homolog 3 (Diaphanous-related formin-3) (DRF3) [MASS=127594]	*	5.86	*	*	*	4	2	M[147]M[147]EDM[147]NLNEDKKAPLR	1
							2	PEISMRR	1
							3	M[147]MILEVDETRLAESMIQNLIK	1
							2	SFSKLELVLLM[147]GNYMNAGSR	1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	*	5.66	*	*	*	3	3	ELMQM[147]LDPGDTGVVNTSMFIDLIEENC[339]RM[147]R	1
							3	M[147]QEVLEEC[330]GC[339]SLTEGELTHLLNSWGVSR	1
							3	YPDFLSRFSSETAATPMATGDSAVAQR	1

DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	9.04	1.22	0.01	3	2	2 VC[330]HAHPTLSEAFR 3 VLG AHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR 2 VC[339]HAHPTLSEAFR	1 1 1
DLL1_HUMAN (O00548) Delta-like protein 1 precursor (Drosophila Delta homolog 1) (Delta1) (H-Delta-1) [MASS=77956]	0.00	1.11	0.98	0.00	1	1	2 NC[330]SAPVSR	1
DMBT1_HUMAN (Q9UGM3) Deleted in malignant brain tumors 1 protein precursor (Glycoprotein 340) (Gp-340) (Surfactant pulmonary-associated D-binding protein) [MASS=260734]	0.00	4.19	5.26	0.00	1	4	2 VC[330]DGARGSFSSSNFM[147]SIRFISDHSITR 3 C[339]VWDIEVQNNYR 3 PTPSPDTWPTSHASTAGSESSLALRLVNGGDR 3 GRVEVLYRGSWGTVC[330]DDYWDTNDANVVC[339]R	1 1 1 1
DMXL1_HUMAN (Q9Y485) Protein DmX-like 1 (X-like 1 protein) [MASS=337852]	*	2.97	*	*	*	4	3 M[147]EQMSLM[147]ALADTIATTSTDIGESRDR 3 QSIFRNIGTGVMQIETGPANHIFSC[330]GADGTMKMR 3 AVIWGLYRAEK 3 AGC[339]PM[147]LALEVL SKMPKVIK	1 1 1 1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	0.00	0.63	2.00	0.00	1	1	2 C[339]IAGEVAIVRDPDAGEGTK	1
DNJA2_HUMAN (O60884) DnaJ homolog subfamily A member 2 (HIRA-interacting protein 4) (Cell cycle progression restoration gene 3 protein) (Dnj3) (NY-REN-14 antigen) [MASS=45745]	0.93	6.07	1.95	0.00	1	2	2 IGLVEALC[339]GFQFTFK 2 DGNDLHM[147]TYK	1 1
DNL4_HUMAN (P49917) DNA ligase 4 (EC 6.5.1.1) (DNA ligase IV) (Polydeoxyribonucleotide synthase [ATP] 4) [MASS=103970]	0.00	3.84	0.14	0.00	1	2	2 PEYVSGLM[147]DELDILIVGGYWGK 2 KAPPSSILC[330]GTEK	1 2
DNM3L_HUMAN (Q9UJW3) DNA (cytosine-5)-methyltransferase 3-like [MASS=43670]	0.91	5.94	*	*	*	1	3 VHAM[147]SNWVC[339]YLC[330]LPSSRSGLLQR	1
DNS2B_HUMAN (Q8WZ79) Deoxyribonuclease-2-beta precursor (EC 3.1.22.1) (Deoxyribonuclease II beta) (DNase II beta) (DNase2-like acid DNase) (DNase II-like acid DNase) (Endonuclease DLAD) [MASS=41712]	*	2.49	*	*	*	1	2 QKMM[147]ARLLR	1
DOC10_HUMAN (Q96BY6) Dedicator of cytokinesis protein 10 (Protein zizimin 3) [MASS=249311]	0.00	3.11	6.00	0.00	1	3	3 EHEKDPEMLVDLQYSLANSYASTPELRR 2 KVSELNQLC[339]TM[147]EEVDM[147]IR 3 DM[147]SQSPTSNFIRSC[339]KNLLNVEK	1 1 1

DOCK1_HUMAN (Q14185) Dedicator of cytokinesis protein 1 (180 kDa protein downstream of CRK) (DOCK180) [MASS=215374]	*	4.56	*	*	*	4	2	LLPGDIHQIR	1
							3	IGEDAEVLMSLYDPVESKFISENYLVRWSSSGLPK	1
							2	QHFIPFQPVAGENDFLQTVINKVIAAK	1
							3	NSKHQEIFEKEFK	1
							2	TELNKEEMYIRYIHK	1
							2	DWTVM[147]RLVANNVIITTVLYLSDALRK	1
DOCK4_HUMAN (Q8N110) Dedicator of cytokinesis protein 4 [MASS=225147]	*	5.04	*	*	*	6	3	DIYITVHIIRIGR	1
							3	DTPVQASSHHLFVQM[147]K	2
							2	LVANNVIITTVLYLSDALRK	1
							2	IGRMGAGEK	1
							3	TRISVIQKEEFVLTPIEVAIEDM[147]K	1
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	*	4.38	*	*	*	5	2	ARLEEALLRGEGAR	1
							3	KAVSAIHSLSSHDLDPRC[339]VK	1
							2	LPPNYSM[147]HSAEKVPLQNPIIK	1
							2	FPGLNENLR	1
DOK1_HUMAN (Q99704) Docking protein 1 (Downstream of tyrosine kinase 1) (p62(dok)) (pp62) [MASS=52391]	*	6.44	*	*	*	1	3	LDC[330]KVIRLAEC[330]VSVAPVTVETPPEPGATAFR	1
DPP6_HUMAN (P42658) Dipeptidyl aminopeptidase-like protein 6 (Dipeptidylpeptidase VI) (Dipeptidylpeptidase 6) (Dipeptidyl peptidase IV-like protein) (Dipeptidyl aminopeptidase-related protein) (DPPX) [MASS=97587]	0.49	6.94	0.37	0.00	1	3	3	MREYYITM[147]VKWATSTK	1
							2	FTGKINTSR	1
							3	DYGGYLSTYILPAKGENQGQTFTC[330]GSALSPITDFK	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	5.77	0.62	0.23	3	2	3	THNSSLEYNIFEGM[147]EC[330]R	1
							2	FQLTDC[330]QIYEVLSVIR	1
							2	THNSSLEYNIFEGM[147]EC[330]R	1
DRP2_HUMAN (Q13474) Dystrophin-related protein 2 [MASS=107673]	*	1.68	*	*	*	2	2	LKQLQDAHR	1
							1	HAFPSVR	1
DSC1_HUMAN (Q08554) Desmocollin-1 precursor (Desmosomal glycoprotein 2/3) (DG2/DG3) [MASS=100044]	0.00	2.35	0.50	0.00	1	1	2	VNLEEC[330]LKSASLIRSSDPAFR	1
DSG4_HUMAN (Q86SJ6) Desmoglein-4 precursor [MASS=113824]	0.00	1.35	0.27	0.00	1	1	3	DGAADGLSSEC[330]DC[330]R	1

DUET_HUMAN (Q9Y2A5) Serine/threonine-protein kinase Duet (EC 2.7.11.1) (Serine/threonine kinase with Dbl- and pleckstrin homology domain) [MASS=144412]	*	2.02	*	*	*	1	3	PYSSVPAGSEKPPKGSSYNPPLPLK	1
DUS23_HUMAN (Q9BVJ7) Dual specificity protein phosphatase 23 (EC 3.1.3.48) (EC 3.1.3.16) (Low molecular mass dual specificity phosphatase 3) (LDP-3) (VH1-like phosphatase Z) [MASS=16588]	0.00	16.67	1.13	0.00	1	1	2	TGTMLAC[339]YLVKERGLAAGDAIAEIR	1
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	*	4.04	*	*	*	10	3	RIANIEHMTYEVYKYAAR	1
							2	EEYRPVATR	1
							3	GAGMDM[147]VFFADAM[147]VHLVKISR	1
							2	RLWQMTK	1
							3	TIAQARKYIVDSM[147]GEEK	1
							3	DLC[339]VNGAQILHFK	1
							2	FMDVTFAKIQNTNQALRM[147]LK	1
							3	C[339]YITLAQALGMSM[147]GGAPAGPAGTGKTETTKDM[147]GR	1
							2	LVGDVLLATAFLSYSGPFNQEFR	1
							3	ASVTLAIPNIVMAPALEDVQQTLNK	1
DYH9_HUMAN (Q9NYC9) Ciliary dynein heavy chain 9 (Axonemal beta dynein heavy chain 9) [MASS=511928]	*	2.67	*	*	*	7	2	STWDLIRLYLHESNRVYR	1
							2	LGKVEFSGVR	1
							2	NLPFNYYTTSAMLQAVLEK	1
							3	AM[147]ADEEEQKVAVIM[147]LEVQKQ	1
							2	SIQDAIRDK	1
							2	KLIYFIDDM[147]NM[147]PEVDAYGTVQPHTIIR	1
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	*	2.20	*	*	*	6	2	LAAFISSMDVFQITLRK	1
							2	PLVLC[339]GPPGSGKMTLFSALR	1
							3	NEKIAFIM[147]DESNVLDSGFLEK	1
							2	RSELEEQQM[147]HLNVGLRK	1
							2	EFGPVVIDYGK	1
							3	EVDGLDVSKEGTEAWAAM[147]KR	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	41.57	0.79	0.00	2	2	2	LAETVFNFQEK	1
							2	YNPTWHC[330]IVGR	1
							2	AVIKNADMSEEM[147]QQDSVEK[339]ATQALEK	1
							2	YNPTWHC[339]IVGR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	0.65	5.09	0.59	0.19	2	3	3	RPLVLQLVNATTEYAEFLHC[330]K	1
							3	DLMPKTIM[147]HLM[147]INNTK	1
							2	IREPC[330]LK	1

DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	*	26.20	*	*	*	2	3	VDM[147]IWIVGGSSVYKEAM[147]NHLGHLK	1
							3	M[147]FLLNC[339]IIVAVSQNMGIGKNGDLPR	1
							1	C[330]LEENLGIDKR	1
							2	C[330]LEENLGIDKR	2
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	9.06	0.53	0.36	7	3	2	NLFPENLVQAC[330]FQQIQTVTK	2
							2	NLFPENLVQAC[330]FQQIQTVTKK	1
							2	NLFPENLVQAC[339]FQQIQTVTK	1
							2	C[339]LEENLGIDKR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	16.38	1.32	0.06	4	6	3	EVEAIPDHC[339]IFASNTSALPISEIAAVSK	1
							3	SAVLISSKPGC[339]FIAGADINM[147]LAAC[339]K	1
							2	M[147]VGVPAALDM[147]M[147]LTGRSIR	1
							2	ALM[147]GLYHGQVLC[339]K	1
							2	GLVEKLTAYAM[147]TIPFVRQQVYK	1
							3	QFTPC[339]QLLADHANS PNKK	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	*	10.34	*	*	*	1	3	KPVIAAVNGYAFGGGC[339]ELAM[147]MC[339]DIYAGEK	1
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBFE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	0.00	5.26	1.02	0.00	1	2	3	RLC[330]NKPIQSLPNMDSIFSEALLK	1
							3	PVSSVGVVGLGTM[147]GR	1
EDD1_HUMAN (O95071) Ubiquitin-protein ligase EDD1 (EC 6.3.2.-) (Hyperplastic discs protein homolog) (hHYD) (Progesterone-induced protein) [MASS=309350]	*	2.79	*	*	*	3	3	TTNSSHANGAAQAPRSMQWAVRNTQHQR	1
							3	QDLVYFWTSSPSLPASEEGFQPMPSITIR	1
							3	LPNLEC[339]IQNANKGTHHTSLMQR	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.00	6.28	*	*	*	2	2	C[330]GGIDKR	1
							2	C[339]GGIDKR	1
							2	PLRLPLQDVYKIGGIGTVPVGR	1
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	1.00	1.94	0.76	0.04	3	1	2	RGNVC[330]GDSK	1

EF1G_HUMAN (P26641) Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma) [MASS=49987]	*	2.52	*	*	*	1	3	DGWSLWYSEYR	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	0.64	4.08	3.81	0.00	1	3	3	ARPPDGLAEDIDK	1
							2	TFC[339]QLILDPIFK	1
							1	YEWDVAEAR	1
EFNB3_HUMAN (Q15768) Ephrin-B3 precursor (EPH-related receptor tyrosine kinase ligand 8) (LERK-8) (EPH-related receptor transmembrane ligand ELK-L3) [MASS=35835]	*	11.18	*	*	*	2	3	EGLESLQGGVC[339]LTRGMK	1
							3	C[339]EAPPAPNLLTTC[330]DRPDLDLR	1
EFTS_HUMAN (P43897) Elongation factor Ts, mitochondrial precursor (EF-Ts) (EF-TsMt) [MASS=35390]	0.00	27.69	0.85	0.00	1	4	3	GFLNSSELSGLPAGPDR	1
							3	DQLALAIGKLGENM[147]ILK	1
							2	FQLLVQQVALGTMMHC[330]QTLK	1
							3	TNLEDVGRRLGQHVGVM[147]APLSVGSLDDEPGGEAETK	1
							3	HYAHTDC[330]PGHADYVK	1
							2	KGDEC[330]ELLGHSK	2
							2	KGDEC[339]ELLGHSK	2
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	24.34	1.45	0.05	10	6	3	HYAHTDC[339]PGHADYVK	1
							3	LLDAVDTYIPVPAR	1
							2	HYAHTDC[339]PGHADYVK	2
							2	HYAHTDC[330]PGHADYVK	1
							3	ELLTEFGYKGEETPVIVGSALC[330]ALEGRDPELGLK	1
							3	GTVVVTGTLERGILKK	1
							2	TTLTAITKILAEGGGAKFK	1
EGLN_HUMAN (P17813) Endoglin precursor (CD105 antigen) [MASS=70578]	0.00	4.86	0.97	0.00	1	1	3	SAYSSC[339]GM[147]QVSASM[147]ISNEAVVNILSSSSPQRK	1
ELAV2_HUMAN (Q12926) ELAV-like protein 2 (Hu-antigen B) (HuB) (ELAV-like neuronal protein 1) (Nervous system-specific RNA-binding protein Hel-N1) [MASS=39504]	0.40	8.64	2.54	0.00	1	2	2	PSSASIRDANLYVSGLPK	1
							2	SLFGSIGEIESC[339]K	1
ELF2_HUMAN (Q15723) ETS-related transcription factor Elf-2 (E74-like factor 2) (New ETS-related factor) [MASS=63966]	*	4.55	*	*	*	1	3	LSM[147]PTQQASGQTPPRVISAVIKGPEVK	1

ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	0.00	6.62	1.02	0.00	1	2	3	NLHPTNC[330]LGM[147]LLLSDAHQC[330]TK	1
							2	LKLFAFGGTSVSHDKLPK	1
ENK9_HUMAN (Q9UKH7) HERV-K_5q13.3 provirus ancestral Env polyprotein precursor (Envelope polyprotein) (HERV-K104 envelope protein) [Includes: Truncated surface protein (SU)] [MASS=31420]	0.46	6.86	1.27	0.00	1	1	2	C[339]PAKPEEEGM[147]M[147]INISTGYR	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	0.00	5.08	*	*	*	1	2	SGETEDTFIADLVVGLC[330]TGQIK	1
ENOB_HUMAN (P13929) Beta-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Muscle-specific enolase) (MSE) (Skeletal muscle enolase) (Enolase 3) [MASS=46855]	1.00	5.31	*	*	*	2	2	AC[330]NC[330]LLLK	1
							3	GNPTVEVDLHTAKGR	1
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	8.55	0.58	0.25	2	1	3	DATNVGDEGGFAPNILENSEALELVKEAIDKAGYTEK	1
							3	VSLSGSSDPHLC[339]R	6
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	0.00	8.28	53.44	0.00	1	2	3	AADTAVGWALGYM[147]LNLTLNIPADPPGLR	1
ENPP1_HUMAN (P22413) Ectonucleotide pyrophosphatase/phosphodiesterase 1 (E-NPP 1) (Phosphodiesterase I/nucleotide pyrophosphatase 1) (Plasma-cell membrane glycoprotein PC-1) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyrophosphatase [MASS=104924]	0.00	2.70	0.10	2.69	2	2	2	KC[330]GTYTK	1
							2	C[330]LNLILISDHGMEQGSC[330]K	1

ENPP2_HUMAN (Q13822) Ectonucleotide pyrophosphatase/phosphodiesterase 2 (E-NPP2) (Phosphodiesterase I/nucleotide pyrophosphatase 2) (Phosphodiesterase I alpha) (PD-Ialpha) (Autotaxin) [Includes: Alkaline phosphodiesterase I (EC 3.1.4.1); Nucleotide pyro [MASS=99003]	*	1.51	*	*	*	1	2	C[339]FELQEAGPPDC[330]R	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	1.93	0.56	0.00	1	1	3	C[330]PPHSYSVWEGATSC[330]TC[330]DR	1
EPHA5_HUMAN (P54756) Ephrin type-A receptor 5 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-1) (EPH homology kinase 1) (Receptor protein-tyrosine kinase HEK7) [MASS=114784]	0.21	7.62	*	*	*	5	2 2 2 3 2	M[147]HFNHNGHIK VSNLLAEHSPLGSGAYRSVGEWLEAIK IM[147]NSLQEMKVQLVNGMVPL VIGAGEFGEVC[330]SGR SVGEWLEAIK	1 1 1 1 1
EPHA6_HUMAN (Q9UF33) Ephrin type-A receptor 6 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-2) (EPH homology kinase 2) [MASS=116116]	0.21	1.84	0.15	0.00	1	1	2	DTPKLYC[330]GADGDWLVP LGR	1
EPHA7_HUMAN (Q15375) Ephrin type-A receptor 7 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-3) (EPH homology kinase 3) (Receptor protein-tyrosine kinase HEK11) [MASS=112082]	0.21	2.71	*	*	*	1	3	RDFLC[330]EASIM[147]GQFDHPNVVHLEGVVTR	1
EPM2A_HUMAN (O95278) Laforin (EC 3.1.3.48) (EC 3.1.3.16) (Lafora PTPase) (LAFPTPase) [MASS=37157]	0.00	5.74	0.59	0.00	1	2	1 2	FGKVR GHIVYVHC[330]NAGVGR	1 1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	*	3.43	*	*	*	1	2	ERVIPFSSLLGFQRR	1
ERBB3_HUMAN (P21860) Receptor tyrosine-protein kinase erbB-3 precursor (EC 2.7.10.1) (c-erbB3) (Tyrosine kinase-type cell surface receptor HER3) [MASS=148097]	*	2.16	*	*	*	2	3 3	M[147]ARDPPRYLVIK DGPHC[339]VSSC[339]PHGVLGAK	1 1

ERCC3_HUMAN (P19447) TFIIH basal transcription factor complex helicase XPB subunit (EC 3.6.1.-) (Basic transcription factor 2 89 kDa subunit) (BTF2-p89) (TFIIH 89 kDa subunit) (DNA-repair protein complementing XP-B cells) (Xeroderma pigmentosum group B-c [MASS=89277]	*	2.30	*	*	*	1	2	TQEWGLM[147]ILDEVHTIPAK	1
ERO1A_HUMAN (Q96HE7) ERO1-like protein alpha precursor (EC 1.8.4.-) (ERO1-Lalpha) (Oxidoreductin-1-Lalpha) (Endoplasmic oxidoreductin-1-like protein) (ERO1-L) [MASS=54392]	0.00	6.41	0.88	0.00	1	1	3	HDDSSDNFC[330]EADDIQSPEAEYVDLLNPER	1
ESCO1_HUMAN (Q5FWF5) N-acetyltransferase ESCO1 (EC 2.3.1.-) (Establishment of cohesion 1 homolog 1) (ECO1 homolog 1) (ESO1 homolog 1) (Establishment factor-like protein 1) (EFO1p) (hEFO1) (CTF7 homolog 1) [MASS=95008]	*	3.33	*	*	*	1	2	LGLLRTSFSPPALEM[147]HHPVTQSTFLGTK	1
ESPL1_HUMAN (Q14674) Separin (EC 3.4.22.49) (Separase) (Caspase-like protein ESPL1) (Extra spindle poles-like 1 protein) [MASS=233112]	*	3.49	*	*	*	4	3 1 2 2	GLLLPSSEEPGPAQEASRLQELLQDC[330]GWKYPDR AISAVEK PGTYPEVPPEKHLHRC[330]FR M[147]EVLIASLEKSVLGC[330]WK	1 1 1 1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.86	8.27	1.77	0.05	2	3	1 2 2	HKGSDFER RWEGVNM[147]ERFAEEADVIVGAGPAGLSAAVR LQINAQNC[339]VHC[339]K	1 1 2
ETV7_HUMAN (Q9Y603) Transcription factor ETV7 (Transcription factor Tel-2) (ETS-related protein Tel2) (Tel-related Ets factor) [MASS=38998]	*	4.40	*	*	*	1	2	C[330]EAQINLLGEGGIC[339]K	1
EXO1_HUMAN (Q9UQ84) Exonuclease 1 (EC 3.1.-.-) (hExo1) (Exonuclease I) (hExol) [MASS=94103]	*	3.19	*	*	*	2	3 2	EC[330]FTRSINITHAM[147]AHK TISPPTLGLTLR	1 1
EXOC2_HUMAN (Q96KP1) Exocyst complex component 2 (Exocyst complex component Sec5) [MASS=104066]	0.00	5.95	2.70	0.00	1	3	3 3 3	NDKGDIIVTTKSGGR WILQLMHSC[339]KEGYVKDLK FKSSMHLQLTC[339]FQAASSTM[147]M[147]KT	1 1 1

EXT1_HUMAN (Q16394) Exostosin-1 (EC 2.4.1.224) (EC 2.4.1.225) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Putative tumor suppressor protein EXT1) (Multiple exostoses protein) [MASS=86254]	0.00	2.82	1.11	0.00	1	1	2	FYTSDPSQAC[330]LFLVSLDTLDR	1
EXTL1_HUMAN (Q92935) Exostosin-like 1 (EC 2.4.1.224) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Exostosin-L) (Multiple exostosis-like protein) [MASS=74696]	0.00	3.11	*	*	*	1	3	WELPFSEVIDWTKAAIVADER	1
							2	PALM[147]TAIDGR	8
FA35A_HUMAN (Q86V20) Protein FAM35A [MASS=93704]	*	3.95	*	*	*	3			
							2	VLQVAKKMK	1
							2	C[330]GLELETDENRIYK	1
FA38A_HUMAN (Q92508) Protein FAM38A [MASS=233040]	0.00	0.74	3.14	0.00	1	1	2	C[339]GYPTRILGNFLTKK	1
FA47A_HUMAN (Q5JRC9) Protein FAM47A [MASS=89095]	*	1.80	*	*	*	1	3	APESHQFSEPPKIR	1
FABPE_HUMAN (Q01469) Fatty acid-binding protein, epidermal (E-FABP) (Psoriasis-associated fatty acid-binding protein homolog) (PA-FABP) [MASS=15033]	*	12.69	*	*	*	1	2	DGKLVVEC[330]VMNNVTC[330]TR	1
FACD2_HUMAN (Q9BXW9) Fanconi anemia group D2 protein (Protein FACD2) [MASS=166461]	0.00	4.42	1.31	0.00	1	3	3	GRASSSGNQESSGQSC[339]IILLFDVIK	1
							3	EIVNAFC[330]QETSPMK	1
							3	LPEYFFENKNSDEINIPRLIVSQLK	1

FACE1_HUMAN (O75844) CAAX prenyl protease 1 homolog (EC 3.4.24.84) (Prenyl protein-specific endoprotease 1) (Farnesylated proteins-converting enzyme 1) (FACE-1) (Zinc metalloproteinase Ste24 homolog) [MASS=54812]	0.00	11.16	1.75	0.00	1	3	3	NIIISQMNSFLC[339]FFLFAVLIGRK	1
							2	NEEVLAVLGHGELGHWK	1
							3	FEFQADAFAKKLKG	1
FAK1_HUMAN (Q05397) Focal adhesion kinase 1 (EC 2.7.10.2) (FADK 1) (pp125FAK) (Protein-tyrosine kinase 2) [MASS=119232]	0.00	2.38	2.66	0.00	1	1	2	SDYMLEIADQVDQEIALKLG[339]LEIR	1
FAK2_HUMAN (Q14289) Protein tyrosine kinase 2 beta (EC 2.7.10.2) (Focal adhesion kinase 2) (FADK 2) (Proline-rich tyrosine kinase 2) (Cell adhesion kinase beta) (CAK beta) (Calcium-dependent tyrosine kinase) (CADTK) (Related adhesion focal tyrosine kinas) [MASS=115874]	0.00	2.48	0.69	0.00	1	1	2	C[330]LPLEEGQAVLQLGIEGAPQALSIR	1
FAM3B_HUMAN (P58499) Protein FAM3B precursor (Cytokine-like protein 2-21) [MASS=25982]	0.00	6.38	1.01	0.00	1	1	2	C[330]FDMYEGDNSGPM[147]TK	1
FAM5C_HUMAN (Q76B58) Protein FAM5C precursor (DBCCR1-like protein 1) [MASS=88445]	0.00	4.57	0.27	0.00	1	2	2	FPEC[330]NC[330]PSM[147]DIQAMEENLLR	1
							2	TFFETVHIYLRRIK	1
FAM9B_HUMAN (Q8IZU0) Protein FAM9B [MASS=22438]	0.00	6.45	0.41	0.00	1	1	2	DPVRDEC[330]EERNR	1
FANCC_HUMAN (Q00597) Fanconi anemia group C protein (Protein FACC) [MASS=63428]	*	2.87	*	*	*	1	2	MYEALKEM[147]DSNTVIER	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	2.83	1.91	0.00	1	3	3	QQDHC[339]LNSVPSGSSAQSKVRSTPR	1
							2	SLIQRNVLMR	1
							3	SC[339]HSVEDGQLLTSNESEDDEIFRR	1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	0.00	5.26	0.19	0.00	1	2	2	VLLDAVC[330]NHLNLVEGDYFGLEFPDHK	1
							2	SHQDNHPLASLPLLGYSLTIPSESENIQK	1

FAS_HUMAN (P49327) Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase (EC 2.3.1.38); [Acyl-carrier-protein] S-malonyltransferase (EC 2.3.1.39); 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41); 3-oxoacyl-[acyl- [MASS=273398]	*	2.47	*	*	*	4	2	AQVADVVS	1
							2	DPETLVGYSM[147]VGC[330]GRAM[147]M[147]ANR	1
							2	SNM[147]GHPEPASGLAALAK	1
							3	AC[339]LDTAVENM[147]PSLK	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	*	1.60	*	*	*	3	2	STC[330]YGGYKRGQC[339]IK	1
							3	PFFKDINEC[330]KM[147]IPSLC[339]THGK	1
							3	C[330]PTGYLNEEDTR	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	0.79	*	*	*	1	2	TGMC[339]FSGLVNGRC[339]AQELPGRM[147]TK	1
FBN3_HUMAN (Q75N90) Fibrillin-3 precursor [MASS=300370]	0.72	1.46	2.21	0.00	1	2	2	C[339]WAAGPVPELC[339]PPR	1
							3	LEVVSHMAGPWGVQPEGQPGPWGQALR	1
FBX39_HUMAN (Q8N4B4) F-box only protein 39 [MASS=52646]	*	5.20	*	*	*	2	3	VHASEVESAVWYVKK	1
							1	YLEHLEVK	1
FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	0.00	7.33	0.83	0.00	1	2	3	SC[339]PFNIVEHKTDPIILLTSMC[330]QPREQAR	1
							3	DYNMYLVHNGRM[147]LIHFGQMPAC[330]TPK	1
FBX46_HUMAN (Q6PJ61) F-box only protein 46 (F-box only protein 34-like) [MASS=69030]	0.00	5.26	0.91	0.00	1	2	2	VAFFVAHQ[C330]GGGSRASSM[147]K	1
							3	VLLDTWYVIKPGNTK	1
FBXL4_HUMAN (Q9UKA2) F-box/LRR-repeat protein 4 (F-box and leucine-rich repeat protein 4) (F-box protein FBL4/FBL5) [MASS=70096]	0.00	5.64	1.59	0.00	1	2	2	QFKPC[339]IK	1
							3	C[330]TLVQWLNLNLSWTGNRGFISVAGFSRFLK	1
FBXL6_HUMAN (Q8N531) F-box/LRR-repeat protein 6 (F-box and leucine-rich repeat protein 6) (F-box protein FBL6) (FBL6A) [MASS=58588]	0.00	7.61	0.44	0.00	1	2	2	GC[330]ARITPAGLQDLPC[330]R	1
							3	GSGYHLLQSDSM[147]LLVLSEPGPARPR	1
FGD1_HUMAN (P98174) FYVE, RhoGEF and PH domain-containing protein 1 (Faciogenital dysplasia 1 protein) (Zinc finger FYVE domain-containing protein 3) (Rho/Rac guanine nucleotide exchange factor FGD1) (Rho/Rac GEF) [MASS=106560]	0.00	9.16	0.59	0.00	1	4	2	PGSQEVDSLEEEEDDEEEEEKDR	1
							2	C[330]LFLLAPGPRDGEKVPNR	1
							3	VLPC[330]GPSPQHHRALRFSYHLEGSQPR	1
							2	QASVAAENSVC[330]SFLHYM[147]EK	1
FGD5_HUMAN (Q6ZNL6) FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23) [MASS=159906]	*	2.46	*	*	*	3	1	VEGQSR	1
							3	EFLKEGTLMKVTGK	1
							2	EQGFDHHATHILQFDR	1

FGFR3_HUMAN (P22607) Fibroblast growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR-3) (CD333 antigen) [MASS=87709]	0.00	3.10	0.76	0.00	1	1	3	LTLGKPLGEGC[330]FGQVVM[147]AEAIGIDK	1
FILA_HUMAN (P20930) Filaggrin [MASS=435166]	*	0.47	*	*	*	1	2	DTASHVQSSPVQSDSSTAK	1
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	0.74	5.63	1.21	0.00	1	1	2	RVDHC[339]PIK	1
FLNA_HUMAN (P21333) Filamin-A (Alpha-filamin) (Filamin-1) (Endothelial actin-binding protein) (Actin-binding protein 280) (ABP-280) (Nonmuscle filamin) [MASS=280628]	*	0.34	*	*	*	1	2	LSPFMADIR	1
FLNB_HUMAN (O75369) Filamin-B (FLN-B) (Beta-filamin) (Actin-binding-like protein) (Thyroid autoantigen) (Truncated actin-binding protein) (Truncated ABP) (ABP-280 homolog) (ABP-278) (Filamin 3) (Filamin homolog 1) (Fh1) [MASS=278193]	*	4.04	*	*	*	5	2	TGRYM[147]IGVTYGGDDIPLSPYR	1
							3	DGTAVTYVPLTAGMYTLTMK	1
							2	IPEINSSDM[147]SAHVTSPSGR	1
							3	VTGLHKVTVLFAGQHISKSPFEVSVDK	1
							2	HIPGSPFTAKITDDSR	1
FMNL_HUMAN (O95466) Formin-like 1 protein (Formin-like protein) (Leukocyte formin) (CLL-associated antigen KW-13) [MASS=121827]	0.00	8.45	0.97	0.00	1	4	3	AIM[147]NYQSGFSLVMNHPAC[330]VNEIALSLNNK	1
							3	ELETSRLTNHIGWVQEFLNEENR	1
							3	KEAAAEAGADTPGKGEPAPK	1
							3	RGAAYGFRQLQSLDALLEM[147]K	1
FOG1_HUMAN (Q8IX07) Zinc finger protein ZFPM1 (Zinc finger protein multitype 1) (Friend of GATA protein 1) (Friend of GATA-1) (FOG-1) [MASS=104546]	*	4.98	*	*	*	2	3	SLGDM[147]EAGEEVQLVGASHMEQK	1
							3	GATC[339]FEC[330]EITFSNVNYYVHKRLYC[330]SGR	1
FOXN2_HUMAN (P32314) Human T-cell leukemia virus enhancer factor (Forkhead box protein N2) [MASS=37734]	*	2.05	*	*	*	1	2	C[330]FQKVER	1
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	*	6.00	*	*	*	8	3	LLM[147]C[339]RDLELAVPGTYDPNQPIIR	1
							3	YPTLLEVLLNFLK	1
							3	PQWYRHTFEEAEK	1
							2	MLSLVLMHKPLRHPGMPK	1
							2	IMLRMAPDYDHLTLMQK	1
							3	LTRMLTNAMEVTGLDGNYRITC[339]HTVMEVLR	1
							3	C[330]VQFLPQVM[147]PTFLNVIR	1
							2	FANYLRNLLPSNDPVVM[147]EMASK	1

FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	0.00	2.52	0.56	0.00	1	4	3	ILKTISVEVIPVNDEK	1
							2	PLVVSKEGDR	1
							3	C[330]TQEEVDLNLLR	1
							3	LPAHGQM[147]VLGEPRPEEPR	1
							2	LPALPTQALKEHPSLAYC[339]EDR	3
FRM4A_HUMAN (Q9P2Q2) FERM domain-containing protein 4A [MASS=113964]	*	3.32	*	*	*	2			
							2	DNATIELFFLNAK	1
FSCN1_HUMAN (Q16658) Fascin (Singed-like protein) (55 kDa actin-bundling protein) (p55) [MASS=54398]	0.41	8.94	0.93	0.00	1	2	3	VGKDELFALEQSC[330]AQVVLQAANER	1
							3	NGQLAASVETAGDSEFLM[147]K	1
FSTL5_HUMAN (Q8N475) Follistatin-related protein 5 precursor (Follistatin-like 5) [MASS=95750]	*	6.14	*	*	*	3	2	VYPESQAREPGVTASLRC[339]HAEGIPK	1
							2	FGFILHKDEAALQK	1
							2	EPLKAEWPWNRK	1
FTHFD_HUMAN (O75891) 10-formyltetrahydrofolate dehydrogenase (EC 1.5.1.6) (10-FTHFDH) (Aldehyde dehydrogenase 1 family member L1) [MASS=98829]	*	1.55	*	*	*	1	3	TAAC[339]LAAGNTVVIK	1
FUK_HUMAN (Q8N0W3) L-fucose kinase (EC 2.7.1.52) (Fucokinase) [MASS=117622]	0.00	4.89	0.46	0.00	1	3	2	LM[147]APGC[330]EPLTVRR	1
							3	AAFIC[330]AGIVHVHSELQLSEQLLR	1
							2	LNDHLLLVTGKTRLAR	1
FXL13_HUMAN (Q8NEE6) F-box/LRR-repeat protein 13 (F-box and leucine-rich repeat protein 13) [MASS=83941]	0.00	1.50	0.14	0.00	1	1	2	AC[330]SFYTGHLVK	1
FZD4_HUMAN (Q9ULV1) Frizzled-4 precursor (Fz-4) (hFz4) (FzE4) [MASS=59881]	*	4.47	*	*	*	2	3	YSADDSNMAVEMLK	1
							2	C[330]GYDAGLYSR	1
							2	VPTANVSVDLTC[330]R	2
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.68	0.07	5	2	2	IISNASC[330]TTNC[330]LAPLAK	2
							2	IISNASC[339]TTNC[339]LAPLAK	1
G6PI_HUMAN (P06744) Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Neuroleukin) (NLK) (Sperm antigen 36) (SA-36) [MASS=63015]	0.35	3.05	0.71	0.00	1	1	2	MIPC[339]DFLIPVQTQHPIR	1

GA2L2_HUMAN (Q8NHY3) GAS2-like protein 2 (Growth arrest-specific 2-like 2) (GAS2-related protein on chromosome 17) (GAR17 protein) [MASS=96519]	*	6.82	*	*	*	2	3 2	EPAAPLESSPQPPEGLQPHWLNQAPLPPEEESWV IPTSWVHEETDSWGTDA GNPTPQRLR	1 1
GABR1_HUMAN (Q9UBS5) Gamma-aminobutyric acid type B receptor, subunit 1 precursor (GABA-B receptor 1) (GABA-B-R1) (Gb1) [MASS=108320]	0.00	1.56	1.17	0.00	1	1	2	C[339]LANGSWTDM DTPSR	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	12.00	1.25	0.07	5	4	2 3 2 2 2	TM[147]GC[330]LATTHSK KHGC[339]AFLVDEVQTGGGC[339]TGK GVVLGGC[339]GDK MMTG GFFHKEEFRPNAPYR TM[147]GC[339]LATTHSK	1 1 1 1 2
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	29.79	0.53	0.26	10	5	2 3 3 2 2 2 2	LFVSGAC[330]DASAK ADQELM[147]TYSHDNIIC[330]GITSVSFSK QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[339]R KAC[330]ADATLSQITNNIDPVGR LFVSGAC[339]DASAK ELAGHTGYLSC[339]C[339]R KAC[339]ADATLSQITNNIDPVGR ELAGHTGYLSC[330]C[330]R	1 1 1 1 1 1 1 3
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.00	7.08	1.07	0.00	1	1	3	ADQELLM[147]YSHDNIIC[339]GITSVAFSR	1
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.00	14.41	1.66	0.00	1	3	2 3 2	SREGNVK VSR VSC[339]LGVTADGM[147]AVATGSWDSFLKIWN ELSAHTGYLSC[330]C[330]R	1 1 1
GBB4_HUMAN (Q9HAV0) Guanine nucleotide-binding protein subunit beta 4 (Transducin beta chain 4) [MASS=37436]	*	7.08	*	*	*	1	3	KAC[330]NDATLVQITSNMDSVGRIQM[147]R	1
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	0.94	19.72	0.77	0.00	1	1	2	ASADLM[147]SYC[330]EEHAR	1

GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	20.00	0.52	0.09	2	1	2	AAADLMAYC[330]EAHAK	1
							2	AAADLM[147]AYC[330]EAHAK	1
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.99	40.00	1.19	0.00	1	1	3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPF	1
GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	0.97	20.59	0.77	0.00	1	1	2	AASDLMSYC[330]EQHAR	1
GCM2_HUMAN (O75603) Chorion-specific transcription factor GCMb (Glial cells missing homolog 2) (GCM motif protein 2) (hGCMb) [MASS=56609]	0.00	4.55	0.20	0.00	1	1	3	TDEAETWDVC[330]LSGLGSAVSYS	1
GDIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	*	5.37	*	*	*	1	3	FLM[147]ANGQLVKM[147]LLYTEVTRYLDFK	1
GDIB_HUMAN (P50395) Rab GDP dissociation inhibitor beta (Rab GDI beta) (Guanosine diphosphate dissociation inhibitor 2) (GDI-2) [MASS=50663]	0.00	10.56	37.09	0.00	1	2	2	VEKVGQVIRVIC[330]ILSHPIK	1
							2	MNEEYDVIVLGTGLTEC[339]ILSGIM[147]SVNGK	1
GFRA3_HUMAN (O60609) GDNF family receptor alpha-3 precursor (GFR-alpha-3) [MASS=44511]	*	4.25	*	*	*	1	2	RMKNQVAC[330]LDIYWTVHR	1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	6.81	0.72	0.02	3	1	2	LINGGIAGLIGVTC[339]VFPIDLAK	1
							2	LINGGIAGLIGVTC[330]VFPIDLAK	2
GLNA_HUMAN (P15104) Glutamine synthetase (EC 6.3.1.2) (Glutamate--ammonia ligase) (GS) [MASS=41933]	0.85	4.57	0.74	0.00	1	1	2	RPSANC[330]DPFSVTEALIR	1
GLPK2_HUMAN (Q14410) Glycerol kinase, testis specific 2 (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase) (Glycerokinase) (GK) [MASS=60610]	0.00	2.89	1.62	0.00	1	1	2	KC[339]VFSEHGLLTTVAYK	1
GLRX1_HUMAN (P35754) Glutaredoxin-1 (Thioltransferase-1) (TTase-1) [MASS=11644]	0.59	12.38	0.40	0.00	1	1	2	VVVFIKPTC[330]PYC[330]JR	1

GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	7.03	1.41	0.13	7	4	2	LKEC[339]MDM[147]LR	1
							2	C[339]VQSNIVLLTQAFR	1
							2	LKEC[330]M[147]DM[147]LR	1
							2	LKEC[339]M[147]DM[147]LR	1
							2	C[330]VQSNIVLLTQAFR	1
							2	VPFC[330]LQSC[330]VKPLK	1
							3	M[147]M[147]RLRGSGM[147]LR	1
							2	VPFC[339]LQSC[339]VKPLK	1
GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	*	2.49	*	*	*	1	2	FVIPDFEFTGHVDR	1
GLT14_HUMAN (Q96FL9) Polypeptide N-acetylgalactosaminyltransferase 14 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 14) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 14) (Polypeptide GalNAc transferase 14) (GalNAc-T14) (pp-GaNTas [MASS=64320]	*	3.99	*	*	*	1	2	RLDPTEPIRTPIIAGGLFVIDK	1
GLTP_HUMAN (Q9NZD2) Glycolipid transfer protein (GLTP) [MASS=23718]	0.00	6.73	15.85	0.00	1	1	2	FIQVFLQSIC[339]DGER	1
GMFG_HUMAN (O60234) Glia maturation factor gamma (GMF-gamma) [MASS=16801]	0.00	13.38	0.73	0.00	1	1	3	MSDSLVC[330]EVDPELTEKLR	1
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	12.75	1.00	0.23	2	3	2	EIYTHFTC[330]ATDTK	1
							3	IIHEAGYSEEEC[330]KQYK	1
							3	DLHFKMFDVGGQRSER	1
GNAL_HUMAN (P38405) Guanine nucleotide-binding protein G(olf) subunit alpha (Adenylate cyclase-stimulating G alpha protein, olfactory type) [MASS=44308]	*	5.51	*	*	*	1	2	AC[330]FERSNEYQLIDC[330]AQYFLER	1
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	25.21	0.52	0.25	4	4	2	SPLTIC[330]FPEYTGPN TYEDAAAYIQAQFESK	1
							2	M[147]VC[330]DVVSR	2
							3	KSPLTIC[339]FPEYTGPN TYEDAAAYIQAQFESK	1
							3	FFIDTSIILFLNKKDLFGEK	1

GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	0.86	8.50	1.09	0.00	1	1	3	SPLTIC[339]FPEYTGPSAFTEAVAYIQAQYESK	1
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	*	8.47	*	*	*	2	2	QFEDLNRNK	1
							3	STIVKQMKIIHSGGFNLEAC[339]K	1
GNB1L_HUMAN (Q9BYB4) Guanine nucleotide-binding protein subunit beta-like protein 1 (G protein subunit beta-like protein 1) (WD40 repeat-containing protein deleted in VCFS) (Protein WDVCF) (DGCRK3) [MASS=35618]	*	5.81	*	*	*	1	3	IAC[330]HEEPVMDLDFDSQKAR	1
GOGB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macrogolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	*	0.58	*	*	*	2	2	KLQEALTSR	1
							2	EFSQTLNEK	1
GP115_HUMAN (Q8IZF3) Probable G-protein coupled receptor 115 (G-protein coupled receptor PGR18) [MASS=83830]	*	2.39	*	*	*	1	3	GKSRAAENASLGPTNGSK	1
GP132_HUMAN (Q9UNW8) Probable G-protein coupled receptor 132 (G2 accumulation protein) [MASS=42499]	*	4.47	*	*	*	2	3	GDRNAM[147]C[330]GLEER	1
							1	QEVSR	1
GP144_HUMAN (Q7Z7M1) Probable G-protein coupled receptor 144 (G-protein coupled receptor PGR24) [MASS=104087]	0.00	1.25	0.63	0.00	1	1	2	AC[330]APPSEGLLFR	1
GP158_HUMAN (Q5T848) Probable G-protein coupled receptor 158 precursor [MASS=135488]	*	2.30	*	*	*	2	2	TLGLAGKTQTAGVEERTK	1
							2	ITEIPETVSR	1
GPC4_HUMAN (O75487) Glypican-4 precursor (K-glypican) [MASS=62412]	0.00	3.78	2.30	0.00	1	1	3	MFRLVNSQYHFTDEYLEC[339]VSK	1
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	0.99	1.79	1.06	0.00	1	1	2	C[339]KDVLTGQEFDVR	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	7.55	0.62	0.15	3	2	2	KIC[339]TVSENFLR	1
							2	KIC[330]TVSENFLR	1
							2	IC[330]TVSENFLR	1

GPNMB_HUMAN (Q14956) Transmembrane glycoprotein NMB precursor (Transmembrane glycoprotein HGFIN) [MASS=63922]	0.00	5.59	1.21	0.00	1	1	3	TFNGSGTYC[339]VNLTLGDDTSLALTSTLISVPDR	1
GPR56_HUMAN (Q9Y653) G-protein coupled receptor 56 precursor (TM7XN1 protein) [MASS=77737]	0.00	3.17	0.96	0.00	1	1	3	GLYHFC[330]LYWNRHAGRLHLLYGK	1
GPR83_HUMAN (Q9NYM4) Probable G-protein coupled receptor 83 precursor (G-protein coupled receptor 72) [MASS=48271]	0.00	4.73	2.88	0.00	1	1	3	LWLC[339]NMIGDVTTEQYFALRR	1
GPR97_HUMAN (Q86Y34) Probable G-protein coupled receptor 97 precursor (G-protein coupled receptor PGR26) [MASS=60860]	0.00	8.20	0.40	0.00	1	2	3	ISQAGC[330]GVSM[147]IFLAFTIILYAFLRLSRER	1
							3	C[330]RQSGSDSC[339]NVENLQR	1
GPSN2_HUMAN (Q9NZ01) Synaptic glycoprotein SC2 [MASS=36034]	*	2.92	*	*	*	1	2	FSHGTM[147]PLR	1
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	4.13	1.75	0.05	2	1	3	C[339]QGPPGVDLYRLEK	3
GRHL3_HUMAN (Q8TE85) Grainyhead-like protein 3 homolog (Sister of mammalian grainyhead) (Transcription factor CP2-like 4) [MASS=70318]	0.00	6.39	0.86	0.00	1	2	3	TC[339]SPFTEEFELPSKQAKEGDLQR	1
							2	GC[330]LLSGFRGNETTYLR	1
GRIA1_HUMAN (P42261) Glutamate receptor 1 precursor (GluR-1) (GluR-A) (GluR-K1) (Glutamate receptor ionotropic, AMPA 1) (AMPA-selective glutamate receptor 1) [MASS=101535]	*	2.54	*	*	*	1	3	NGIGYHYILANLGFMDIDLNKFK	1
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	*	7.21	*	*	*	3	2	YTSALTYDGVLVMAETFR	1
							3	TVVVTTIMESPYVMYKK	1
							3	AGQNGWHVSAIC[339]VENFNDVSYRQLLEELDR	1
GRIK3_HUMAN (Q13003) Glutamate receptor, ionotropic kainate 3 precursor (Glutamate receptor 7) (GluR-7) (GluR7) (Excitatory amino acid receptor 5) (EAA5) [MASS=104031]	0.29	5.88	1.33	0.00	2	2	2	GPNVTDSLTNRSLIVTTVLEEPFVMFR	1
							3	NC[330]NLTQIGGLIDSKGYGIGTPMGSPYR	2

GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	0.00	1.67	0.54	0.00	1	1	2	QRNC[330]NLTQIGLLDTK	1
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	*	7.84	*	*	*	4	2	GSPVTTTKADPRASGK	1
							3	MDPASSGEGRPVSGHTDTTASAKTDLTSLK	1
							2	HRSPSGAGEGASC[339]SDGPR	1
							3	DYC[330]PSQQKASPAPPR	1
GRK4_HUMAN (P32298) G protein-coupled receptor kinase 4 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK4) (IT11) [MASS=66555]	0.00	8.82	2.02	0.00	1	3	2	LFRRGGC[330]LTMVPSEK	1
							2	AVFYAAELC[339]C[339]GLEDLQR	1
							2	AVFYAAELC[330]C[339]GLEDLQRER	1
GRK7_HUMAN (Q8WTQ7) G protein-coupled receptor kinase 7 precursor (EC 2.7.11.16) (G protein-coupled receptor kinase GRK7) [MASS=62211]	*	5.97	*	*	*	2	2	C[330]QAATTEEEERVAAVTLAK	1
							2	AGTNGYM[147]APEILM[147]EK	1
GRN_HUMAN (P28799) Granulins precursor (Proepithelin) (PEPI) [Contains: Acrogranin; Paragranulin; Granulin-1 (Granulin G); Granulin-2 (Granulin F); Granulin-3 (Granulin B); Granulin-4 (Granulin A); Granulin-5 (Granulin C); Granulin-6 (Granulin D); Granul	0.78	4.55	1.50	0.00	1	2	3	QHC[339]C[339]PAGYTC[330]NVKARSC[330]EK	1
							2	HC[339]C[339]PAGFR	1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	0.99	2.21	0.49	1.15	2	2	2	RTIAPC[330]QK	1
							2	TIAPC[339]QK	1
GSHR_HUMAN (P00390) Glutathione reductase, mitochondrial precursor (EC 1.8.1.7) (GR) (GRase) [MASS=56257]	0.00	4.21	0.15	0.00	1	2	2	GIYAVGDVC[330]GK	1
							2	VPNTKDLNLN	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	0.00	5.09	0.85	0.00	1	2	3	RMLMEDFSLSPEILSC[339]RGEIEHHC[339]SGLHR	1
							3	LSYLLM[147]C[339]LESAVHRGRQVSSEC[330]QGEM[147]LDYR	1

GSTM3_HUMAN (P21266) Glutathione S-transferase Mu 3 (EC 2.5.1.18) (GSTM3-3) (GST class-mu 3) (hGSTM3-3) [MASS=26428]	0.00	11.61	1.75	0.00	1	2	2	M[147]AQWGNKPVC[339]	1
							2	M[147]PINNKM[147]AQWGNKPVC[330]	1
GTR3_HUMAN (P11169) Solute carrier family 2, facilitated glucose transporter member 3 (Glucose transporter type 3, brain) [MASS=53924]	*	5.04	*	*	*	1	2	QILQRLWGTQDVSQDIQEMKDESAR	1
GTR8_HUMAN (Q9NY64) Solute carrier family 2, facilitated glucose transporter member 8 (Glucose transporter type 8) (Glucose transporter type X1) [MASS=50793]	0.00	8.18	0.36	0.00	1	2	2	RQEAM[147]AALR	1
							3	LSLLLC[339]SVPFVAGFAVITAAQDVWM[147]LLGGR	1
GUAA_HUMAN (P49915) GMP synthase [glutamine-hydrolyzing] (EC 6.3.5.2) (Glutamine amidotransferase) (GMP synthetase) [MASS=76715]	*	10.25	*	*	*	3	2	QADFEAHNILRESGYAGK	1
							3	ISQM[147]PVILTPLHFDRDPLQKQPSC[339]QR	1
							3	ERVGTSKVLVLLSGGVDSTVC[339]TALLNR	1
GUAD_HUMAN (Q9Y2T3) Guanine deaminase (EC 3.5.4.3) (Guanase) (Guanine aminase) (Guanine aminohydrolase) (GAH) (p51-nedasin) [MASS=51003]	*	11.23	*	*	*	2	3	MC[339]AAQMPPLAHIFRGTFVHSTWTC[339]PMEVLR	1
							3	IGLGTDVAGGYSYSM[147]LDAIRR	1
GUC2F_HUMAN (P51841) Retinal guanylyl cyclase 2 precursor (EC 4.6.1.2) (Guanylate cyclase 2F, retinal) (RETGC-2) (Rod outer segment membrane guanylate cyclase 2) (ROS-GC2) (Guanylate cyclase F) (GC-F) [MASS=124821]	*	2.35	*	*	*	1	2	NGSRHAAEIANMSLDILSSVGTFKMR	1
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	0.99	23.70	1.71	0.00	1	1	3	FQSAAIGALQEASEAYLVGLFEDTNLC[339]AIHAK	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	0.94	8.90	0.53	0.00	1	1	2	GTFATLSELHC[330]DK	1
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	0.00	1.91	1.24	0.00	1	1	2	HPVSC[339]K	1

HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	0.00	2.19	1.01	0.00	1	4	2	SDGC[339]GGSFYTLDSLNLRL	1
							2	YLVPLLQQQVK	1
							3	AALWRFELAHVLRPQK	1
							2	AVTHAIPALQPIVHDLFVLRGTNK	1
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	0.00	2.99	1.08	0.00	1	4	3	QTALYTLKLLC[339]KNFGAENPDFVPVLNTAVK	1
							3	DGLSC[339]LIVLLQR	1
							2	EGVDESEFIK	1
							3	TSKEGVDESEFIK	1
HEAT2_HUMAN (Q86Y56) HEAT repeat-containing protein 2 [MASS=93533]	*	2.22	*	*	*	1	2	SATYC[339]EQLLQHVQAVPATQ	1
HECD1_HUMAN (Q9ULT8) E3 ubiquitin-protein ligase HECTD1 (HECT domain-containing protein 1) (E3 ligase for inhibin receptor) (EULIR) [MASS=289593]	*	2.91	*	*	*	4	3	IWEPTYTIMYREMKDSDK	1
							3	MEPQDSSLEIC[339]VESLSSLLKHEDHQVSDGALR	1
							2	SEFLEKLQR	1
							2	HVDLGGGLKPPGYVQR	1
HELI_HUMAN (Q9UKS7) Zinc finger protein Helios [MASS=59559]	0.00	5.32	0.28	0.00	1	1	3	C[330]HNYLQNVSMEEAGQVM[147]SHHVPPM[147]EDC[330]K	1
HELZ_HUMAN (P42694) Probable helicase with zinc-finger domain (EC 3.6.1.-) [MASS=218970]	*	3.09	*	*	*	3	2	KRLSDVNVER	2
							2	YQIPLSADQLFTQSVLDKSLTK	1
							3	QIAESANSSSPQSSAGGKPAMSYASALR	1
HEM1_HUMAN (P13196) 5-aminolevulinate synthase, nonspecific, mitochondrial precursor (EC 2.3.1.37) (5-aminolevulinic acid synthase) (Delta-aminolevulinate synthase) (Delta-ALA synthetase) (ALAS-H) [MASS=70580]	*	2.66	*	*	*	1	2	PAPRALSTAAVHYQGIK	1
HGFL_HUMAN (P26927) Hepatocyte growth factor-like protein precursor (Macrophage stimulatory protein) (MSP) (Macrophage-stimulating protein) [Contains: Hepatocyte growth factor-like protein alpha chain; Hepatocyte growth factor-like protein beta chain] [MASS=80380]	*	2.81	*	*	*	1	3	WPAVFTRVSVFVDWIHKVMR	1
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	3.57	2.72	0.00	1	1	3	C[339]EGDTTPTIVNLDHPVISC[339]AKTKQLR	1

HIC1_HUMAN (Q14526) Hypermethylated in cancer 1 protein (Hic-1) (Zinc finger and BTB domain-containing protein 29) [MASS=76467]	*	1.77	*	*	*	1	2	LTAEQLSLKQQDK	1
HINT1_HUMAN (P49773) Histidine triad nucleotide-binding protein 1 (Adenosine 5'-monophosphoramidase) (Protein kinase C inhibitor 1) (Protein kinase C-interacting protein 1) (PKCI-1) [MASS=13671]	0.89	27.20	1.77	0.00	1	1	3	HISQISVAEDDDDESLLGHLN[147]IVGKKC[339]AADLGLNK	1
HIP1_HUMAN (O00291) Huntingtin-interacting protein 1 (HIP-1) [MASS=115442]	*	5.24	*	*	*	3	3 2 2	AGDTGVKLEVNERILGC[330]C[330]TSLMQAIQVLIVASK DHLIERLYR NAEVTQVSM[147]AR	1 1 1
HMCN1_HUMAN (Q96RW7) Hemicentin-1 precursor (Fibulin-6) (FIBL-6) [MASS=613386]	0.00	0.39	*	*	*	2	2 2	EFEVTVHVPPTIK GVDIEISHR	1 1
HMCS1_HUMAN (Q01581) Hydroxymethylglutaryl-CoA synthase, cytoplasmic (EC 2.3.3.10) (HMG-CoA synthase) (3-hydroxy-3-methylglutaryl coenzyme A synthase) [MASS=57293]	*	4.23	*	*	*	1	3	NSIYSGLEAFGDVKLEDTYFDR	1
HPLN2_HUMAN (Q9GZV7) Hyaluronan and proteoglycan link protein 2 precursor (Brain link protein 1) [MASS=37775]	0.27	3.24	0.38	0.30	2	1	2	LTLSEHAAC[330]JR	2
HPRT_HUMAN (P00492) Hypoxanthine-guanine phosphoribosyltransferase (EC 2.4.2.8) (HGPRT) (HGPRTase) [MASS=24448]	1.00	19.82	1.09	0.01	2	2	2 3	DLNHVC[330]VISETGK SPGVVISDDEPGYDLDFC[330]IPNHYAEDLER	1 1
HRX_HUMAN (Q03164) Zinc finger protein HRX (ALL-1) (Trithorax-like protein) [MASS=431748]	0.00	1.64	1.91	0.00	1	4	3 2 2 2	TLC[339]LSTPSSSTVK GWDAAQWSHDFSLC[330]HDC[339]AK IFESVTLPSNRTSAGTSSSGVSNR FKTGKLQIGR	1 1 1 1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	*	3.15	*	*	*	1	3	ETAENSLKKPVTDC[339]VISVPSFFTTDAER	1
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	*	1.92	*	*	*	1	2	PEIEDVGSDEEEEEK	1
HSF2B_HUMAN (O75031) Heat shock factor 2-binding protein [MASS=37644]	0.00	3.59	0.91	0.00	1	1	2	MGEAGAAEEAC[339]JR	1

HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	*	5.15	*	*	*	2	3	FEELC[339]SDLFRSTLEPVEK	1
							2	LSKEEIERMVQAEK	1
HSPB6_HUMAN (O14558) Heat-shock protein beta-6 (HspB6) (Heat-shock 20 kDa-like protein p20) [MASS=17135]	0.00	15.00	6.42	0.00	1	1	2	FGEGLLAEALAALC[339]PTTLAPYYLR	1
HSPB9_HUMAN (Q9BQS6) Heat-shock protein beta-9 (HspB9) [MASS=17486]	0.00	17.61	1.27	0.00	1	1	3	VHRKMLPSNLSPTAMTC[339]C[339]LTPSGQLWVR	1
HUWE1_HUMAN (Q7Z6Z7) HECT, UBA and WWE domain-containing protein 1 (EC 6.3.2.-) (E3 ubiquitin protein ligase URE-B1) (Mcl-1 ubiquitin ligase E3) (Mule) (ARF-binding protein 1) (ARF-BP1) [MASS=481888]	*	4.05	*	*	*	7	2	HTEKHASGGSTVHIHPQAAPVVC[339]R	1
							3	VLQEGLLQLDSILSSLEPLHRPIESPGGSVLLR	1
							3	TVSEWISQM[147]ATLPQASNLATRILLTLLFEELK	1
							3	REESPM[147]DVDQSPSPAQDTQSIASDGTPQGEK	1
							2	EVIYDMLNALAAYHAPEEADK	1
							2	LFKVLLSPDYLPAMR	1
							2	M[147]LLLAVLNFTALLIEYSFSR	1
HV3G_HUMAN (P01768) Ig heavy chain V-III region CAM [MASS=13668]	0.00	15.57	0.36	0.00	1	1	2	LSC[339]AASGFTFSNYAM[147]HWVR	1
HXB3_HUMAN (P14651) Homeobox protein Hox-B3 (Hox-2G) (Hox-2.7) [MASS=44344]	0.00	8.58	0.51	0.00	1	3	2	AHQNAYALPSNYQPPLK	1
							2	GC[330]GAPQK	1
							3	RVEMANLLNLSEK	1
HXB6_HUMAN (P17509) Homeobox protein Hox-B6 (Hox-2B) (Hox-2.2) (HU-2) [MASS=25427]	0.00	6.70	1.69	0.00	1	1	3	MNSC[339]NSSSFGPSGRR	1
HXD12_HUMAN (P35452) Homeobox protein Hox-D12 (Hox-4H) [MASS=29535]	0.00	14.91	0.94	0.00	1	2	2	C[330]PC[330]SPGRPAVGGGPGEAR	1
							2	DDTKGPLNLM[147]TVQAAGVASC[330]LR	1

								2	AAQLC[330]GAGM[147]AAVVDK	1
								2	AAQLC[339]GAGM[147]AAVVDKIR	1
								2	MISGMYLGEIVR	1
								3	LGVEPSDDDC[339]VSVQHVC[330]TIVSFR	1
								3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
								2	C[339]NVSFLLSEDGSGK	2
								2	LPVGFTFSFPC[330]QQSK	1
								2	MIAAQLLAYFTELKDDQVK	1
								3	ATDC[339]VGHDVVTLLR	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	AILQQLGLNSTC[339]DDSILVK	1
								2	ATDC[339]VGHDVVTLLR	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	18.87	1.31	0.06	22	11		2	AAQLC[339]GAGM[147]AAVVDK	2
								2	KLPVGFTFSFPC[339]QQSK	2
								2	KLPVGFTFSFPC[330]QQSK	2
								2	C[330]NVSFLLSEDGSGK	1
								2	ATDC[330]VGHDVVTLLR	1
								2	LPVGFTFSFPC[339]QQSK	2
								2	TVC[330]GVVSR	1
								2	DGLAQLM[147]C[339]ELK	1
								3	GHIEDC[330]GHWTQMDKPTEVNQILIKWLDSDAR	1
HYES_HUMAN (P34913) Epoxide hydrolase 2 (EC 3.3.2.3) (Soluble epoxide hydrolase) (SEH) (Epoxide hydratase) (Cytosolic epoxide hydrolase) (CEH) [MASS=62615]	0.00	7.57	1.31	0.00	1	2		3	QDEEKPLHALLHGRGVC[339]LNEK	1
								2	KLTQSKFVGGAENTAHPR	1
								2	PLHALLHGR	1
IBP5_HUMAN (P24593) Insulin-like growth factor-binding protein 5 precursor (IGFBP-5) (IBP-5) (IGF-binding protein 5) [MASS=30570]	0.00	17.65	2.11	0.00	1	3		3	EDAGTYHC[330]VATNAHGTDJR	1
								2	GNPEPSVHC[330]JAR	1
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	1.00	3.25	0.53	0.08	2	2		2	EVAESC[339]KDIK	1
								2	C[339]REVAESC[339]K	1
								2	C[330]REVAESC[330]K	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.44	5.19	1.37	0.05	3	2		2	EVAESC[339]KDIK	1
								2	C[339]REVAESC[339]K	1
								2	C[330]REVAESC[330]K	1

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	0.95	3.31	1.37	0.00	1	1	2	TSLDLYANVIHC[330]K	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	12.61	1.32	0.05	2	4	2 2 2 2	C[339]ATITPDEARVEEFK C[330]ATITPDEAR DLAGC[330]IHGLSNVK ATDFVADRAGTFKM[147]VFTPK	1 1 1 1
IDLC_HUMAN (O14645) Axonemal dynein light intermediate polypeptide 1 (Inner dynein arm light chain, axonemal) (hp28) [MASS=29662]	*	3.49	*	*	*	1	2	YDTPVLVSR	1
IF140_HUMAN (Q96RY7) Intraflagellar transport 140 homolog (WD and tetratricopeptide repeats protein 2) [MASS=165192]	*	2.39	*	*	*	2	3 3	LGVLLWRLDQRGR WALQTPTELQGNITQIQWGSR	1 1
IF1AH_HUMAN (O75642) Putative eukaryotic translation initiation factor 1A (eIF-1A) (eIF-4C) [MASS=16329]	0.31	7.69	4.48	0.00	1	1	2	LEAMC[339]FDGVKR	1
IF4G1_HUMAN (Q04637) Eukaryotic translation initiation factor 4 gamma 1 (eIF-4-gamma 1) (eIF-4G1) (eIF-4G 1) (p220) [MASS=175534]	0.00	1.88	0.23	0.00	1	2	3 3	M[147]LTEAIMHDC[330]VVK FMLQDVLDLRGSNWVPR	1 2
IF4G3_HUMAN (O43432) Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G 3) (eIF-4-gamma II) (eIF4GII) [MASS=176651]	0.00	2.97	*	*	*	3	2 2 3	PGNTVNFR RSIGNIKFIGELFK GVIDLVFEKAIDEPSFSVAYANM[147]C[339]R	1 1 1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	16.08	0.42	0.59	5	4	2 2 3 3	DHEDSSLQWSNPAQQTLYFGEK EKDTATLNC[330]QSSGSKPAAR EKDTATLNC[339]QSSGSKPAAR EKDTATLNC[330]QSSGSK LLLHC[339]EGR EKDTATLNC[330]QSSGSKPAAR	1 2 1 1 1 1

IKKA_HUMAN (O15111) Inhibitor of nuclear factor kappa-B kinase alpha subunit (EC 2.7.11.10) (I kappa-B kinase alpha) (IkbKA) (IKK-alpha) (IKK-A) (I kappaB kinase) (I-kappa-B kinase 1) (IKK1) (Conserved helix-loop-helix ubiquitous kinase) (Nuclear factor N [MASS=84653])	0.00	4.03	3.30	0.00	1	2	2	IAIKSC[339]R	1
							3	C[339]FVLMDHILNLKIVHILNMTSAK	1
IL1R1_HUMAN (P14778) Interleukin-1 receptor type I precursor (IL-1R-1) (IL-1RT1) (IL-1R-alpha) (p80) (CD121a antigen) [MASS=65402]	0.00	7.56	1.92	0.00	1	2	2	LPVAGDGGLVC[339]PYM[147]EFFK	1
							3	DSC[339]YDFLPIKASDGKTYDAYILYPK	1
IL8_HUMAN (P10145) Interleukin-8 precursor (IL-8) (CXCL8) (Monocyte-derived neutrophil chemotactic factor) (MDNCF) (T-cell chemotactic factor) (Neutrophil-activating protein 1) (NAP-1) (Protein 3-10C) (Granulocyte chemotactic protein 1) (GCP-1) (Monocyte [MASS=11098])	0.00	27.27	1.11	0.00	1	1	3	MTSKLAVALLAFLISAALC[339]EGAVLPR	1
IMA7_HUMAN (O60684) Importin alpha-7 subunit (Karyopherin alpha-6) [MASS=60029]	0.99	3.36	0.66	0.00	1	1	2	DYVLNC[330]SILNPLLLTLTK	1
IMB1_HUMAN (Q14974) Importin beta-1 subunit (Karyopherin beta-1 subunit) (Nuclear factor P97) (Importin 90) [MASS=97170]	*	2.97	*	*	*	1	3	IM[147]SLYYQYMETYMGPALFAITIEAM[147]K	1
							3	IMSLYYQYMETYMGPALFAITIEAM[147]K	1
IMB3_HUMAN (O00410) Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) [MASS=123498]	0.00	1.46	0.98	0.00	1	1	2	TIEC[339]ISLIGLAVGKEK	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	1.00	2.51	0.60	0.03	2	1	2	LLSYASYC[330]IEHGDLELAAK	1
							2	LLSYASYC[339]IEHGDLELAAK	1
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	*	7.16	*	*	*	6	3	LWAGDQILEVNGVDLRNSSHEEAITALRQTPQK	1
							2	TSSSTSPLEPPSDRGTVVEPLK	1
							2	REAVSFLKEVPPPFTLVLC[330]C[330]R	1
							2	NSGTDM[147]EPRTVEINR	1
							2	NC[330]GNSVRMLVAR	1
							3	TSLDLGMIPNDVQGPSLLIDL PVVAQR	1

IP3KA_HUMAN (P23677) Inositol-trisphosphate 3-kinase A (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase A) (IP3K A) (IP3 3-kinase A) [MASS=51008]	*	11.28	*	*	*	3	2	KMLAVDPEAPTEEEHAQR	1
							2	TM[147]VNLPVISPFKK	1
							2	SREQVLRVFEEFVQGDEEVLR	1
IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	*	4.76	*	*	*	3	2	SGGGPGPSGSETPPPPRR	1
							2	IKNMVHWSPFVMSFKK	1
							2	HC[339]ESEQRC[339]LDR	1
IP6K3_HUMAN (Q96PC2) Inositol hexaphosphate kinase 3 (EC 2.7.4.21) (InsP6 kinase 3) (Inositol hexakisphosphate kinase 3) [MASS=46431]	0.00	5.85	2.92	0.00	1	1	3	C[339]AQSTSAC[339]LGVRIC[339]GM[147]QVYQTDKK	1
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	0.00	1.64	1.71	0.00	1	1	2	KVLTGVAGEDAEC[339]HAAK	1
IQEC2_HUMAN (Q5JU85) IQ motif and Sec7 domain-containing protein 2 [MASS=161735]	0.00	2.17	1.07	0.00	1	2	2	PASLDEGAM[147]AGARSHR	1
							3	DVAQC[330]HLHHENPALGR	1
IQEC3_HUMAN (Q9UPP2) IQ motif and Sec7 domain-containing protein 3 [MASS=127596]	*	1.95	*	*	*	2	2	YGGHLVSRR	1
							3	GPGSRAHTPQSPHK	1
IRAK2_HUMAN (O43187) Interleukin-1 receptor-associated kinase-like 2 (IRAK-2) [MASS=65270]	*	2.37	*	*	*	1	3	LAHPM[147]AHLC[339]PVNKR	1
ISK4_HUMAN (O60575) Serine protease inhibitor Kazal-type 4 precursor (Peptide PEC-60 homolog) [MASS=9454]	0.00	18.60	*	*	*	1	2	QWVIALALAALLVVDR	1
ITA1_HUMAN (P56199) Integrin alpha-1 (Laminin and collagen receptor) (VLA-1) (CD49a antigen) [MASS=127837]	0.27	1.65	0.19	0.00	1	1	3	DSC[330]ESNHNITC[330]KVGYPFLR	1
ITA5_HUMAN (P08648) Integrin alpha-5 precursor (Fibronectin receptor subunit alpha) (Integrin alpha-F) (VLA-5) (CD49e antigen) [Contains: Integrin alpha-5 heavy chain; Integrin alpha-5 light chain] [MASS=114536]	*	1.62	*	*	*	1	3	RPPLLPLLLLLPPPPR	1

ITAX_HUMAN (P20702) Integrin alpha-X precursor (Leukocyte adhesion glycoprotein p150,95 alpha chain) (Leukocyte adhesion receptor p150,95) (Leu M5) (CD11c antigen) [MASS=127886]	*	3.70	*	*	*	2	3 2	EQVWSEQTLVQSNIC[339]LYIDKRSK DLQSSVTLDLALDPGRLSR	1 1
ITB7_HUMAN (P26010) Integrin beta-7 precursor [MASS=86903]	0.28	4.14	0.49	0.00	1	2	2 3	GQC[339]NHVR AEGYPVDLYYLM[147]DLSYSM[147]KDDLVR	1 1
ITB8_HUMAN (P26012) Integrin beta-8 precursor [MASS=85632]	*	5.85	*	*	*	3	2 3 2	DFRLGFGSYVDK KPGMEGC[339]RNVTSNDEVLFNVTVMK KC[339]DVTGGK	1 1 1
ITBP1_HUMAN (O14713) Integrin beta-1-binding protein 1 (Integrin cytoplasmic domain-associated protein 1) (ICAP-1) [MASS=21782]	0.00	16.00	0.24	0.00	1	1	3	VSTSDQYDVLHRHALYLIIR MVC[330]YDDGLGAGK	1
ITIH1_HUMAN (P19827) Inter-alpha-trypsin inhibitor heavy chain H1 precursor (ITI heavy chain H1) (Inter-alpha-inhibitor heavy chain 1) (Inter-alpha-trypsin inhibitor complex component III) (Serum-derived hyaluronan-associated protein) (SHAP) [MASS=101388]	*	3.51	*	*	*	2	3 2 2	PSEDSPPLEM[147]LGPR QYYEGSEIVVAGRIADNK PSEDSPPLEM[147]LGPR	1 1 1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	*	9.54	*	*	*	1	3	TMTRLC[330]FLLFFSVATSGC[330]SAAAASSLEM[147]LSR	1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.84	2.36	2.36	0.00	1	1	2	AC[339]DEGHC[339]TAK	1
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	*	5.46	*	*	*	5	2 2 3 2 2	VC[330]VGVSPHEMAENEDYIC[330]INC[339]AK WLDEVRLTSLDPQQVTLDMK SC[339]SQVFFGKGSSTPRK LQMLIDM[147]GSSLYVELPELPRLK SSSQKKGSSWQAK	1 1 1 1 1
JAG1_HUMAN (P78504) Jagged-1 precursor (Jagged1) (hJ1) (CD339 antigen) [MASS=133798]	0.00	2.63	*	*	*	2	2 2	TC[339]M[147]EGWMGPEC[339]NRAIC[339]R RDGNSSLIAA VAEVR	1 1
JHD1A_HUMAN (Q9Y2K7) JmjC domain-containing histone demethylation protein 1A (EC 1.14.11.-) (F-box/LRR-repeat protein 11) (F-box and leucine-rich repeat protein 11) (F-box protein FBL7) (F-box protein Lilina) [MASS=132792]	*	4.13	*	*	*	2	3 3	LENMVQRPSTVDFIDWVDNMWPR YNANFVTFMEGKDFNVEYIQRGGLR	1 1

K0056_HUMAN (P42695) Protein KIAA0056 [MASS=168890]	*	1.34	*	*	*	1	2	EKIEGRSQGNDILC[330]LSLPDK	1
							2	NLGMVC[339]R	7
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	1.47	2.66	0.00	1	2			
							2	EEM[147]VLDNIPK	1
K0232_HUMAN (Q92628) Protein KIAA0232 (Fragment) [MASS=155619]	*	1.36	*	*	*	1	3	C[339]SDLTLEEM[147]KKQAAVQC[330]LR	2
K0427_HUMAN (Q43310) Protein KIAA0427 [MASS=67586]	0.00	5.35	1.87	0.00	1	2	2	GRAPPQQNGSK	1
							2	EGC[339]GKGKLEDGDGINLNDIEK	1
K0552_HUMAN (O60299) Protein KIAA0552 [MASS=71790]	*	2.67	*	*	*	1	3	SLEQSEAAVAQVLEERQK	1
K0690_HUMAN (Q5JTH9) Protein KIAA0690 [MASS=143701]	*	1.23	*	*	*	1	3	VAQRVLATQPGPGRGR	1
K1024_HUMAN (Q9UPX6) UPF0258 protein KIAA1024 [MASS=102992]	*	4.48	*	*	*	2	2	HSDDDSEIVSDDISDIFR	1
							2	VSVQIDLNSLTSEGPSDDASPR	1
K1196_HUMAN (Q96KM6) Zinc finger protein KIAA1196 [MASS=97263]	*	4.48	*	*	*	2	1	TPSGRVR	1
							3	MGMPVVRGGQTVPGQAPLC[330]FDPGSPASDKTEGK	1
K2C5_HUMAN (P13647) Keratin, type II cytoskeletal 5 (Cytokeratin-5) (CK-5) (Keratin-5) (K5) (58 kDa cytokeratin) [MASS=62447]	0.00	5.76	2.16	0.00	1	1	3	TSFTSVSRSGGGGGGGFGRVSLAGAC[339]GVGGYGSR	1
K6PF_HUMAN (P08237) 6- phosphofructokinase, muscle type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme A) (PFK-A) (Phosphofructokinase-M) [MASS=85051]	*	1.03	*	*	*	1	2	KRSGEAAV	1
K6PP_HUMAN (Q01813) 6- phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	0.00	2.81	3.95	0.00	1	1	2	GITNLC[339]VIGGDGSLTGANLFRK	1

KBL_HUMAN (O75600) 2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial precursor (EC 2.3.1.29) (AKB ligase) (Glycine acetyltransferase) [MASS=45285]	*	6.68	*	*	*	1	3	FRSKMEAAGFTISGASHPIC[339]PVMLGDAR	1
							3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							2	QETVDC[330]LKK	2
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	9.00	0.70	0.10	8	3	2	STVASC[339]M[147]HR	1
							2	QETVDC[339]LKK	1
							2	STVASC[339]MHR	2
							3	M[147]C[339]DPGMTAFEPEALGNLVEGLDFHR	1
							2	STVASC[330]M[147]HR	3
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	12.05	0.84	0.06	5	4	2	WQNVHFHC[330]SGAPVAPLQ	1
							2	LC[339]TGHEYAAK	2
							2	LC[330]TGHEYAAK	2
							3	NSKPIHTTILNPHVHVIGEDAAC[330]IAYIR	1
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	1.00	5.01	1.62	0.02	2	1	3	IC[339]DPGLTAFEPEALGNLVEGMDFHR	1
							3	IC[330]DPGLTAFEPEALGNLVEGMDFHR	1
KCC2G_HUMAN (Q13555) Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	1.00	4.48	1.20	0.00	1	1	3	IC[330]DPGLTSFEPEALGNLVEGMDFHK	1
KCNB2_HUMAN (Q92953) Potassium voltage-gated channel subfamily B member 2 (Voltage-gated potassium channel subunit Kv2.2) [MASS=102562]	0.00	3.62	1.01	0.00	1	3	2	EREGEEDNTC[339]C[339]PDKR	1
							1	GSNPLK	1
							1	RNGSIVSMNLK	1

KCND2_HUMAN (Q9NZV8) Potassium voltage-gated channel subfamily D member 2 (Voltage-gated potassium channel subunit Kv4.2) [MASS=70536]	0.00	4.76	2.96	0.00	1	2	3	TPLSNSRSSLNAKMEEC[330]VK	1
							3	C[339]VERTPLSNSR	1
KCNG4_HUMAN (Q8TDN1) Potassium voltage-gated channel subfamily G member 4 (Voltage-gated potassium channel subunit Kv6.4) [MASS=58979]	*	1.93	*	*	*	1	2	FPLSRLSKLR	1
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	13.12	0.71	0.47	6	3	3	SKDYEFM[147]WNPHLGYILTC[339]PSNLGTGLR	1
							2	FC[339]TGLTQIETLFK	1
							2	FC[330]TGLTQIETLFK	1
							2	GFC[330]LPPHC[330]SR	2
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	21.00	*	*	*	5	2	GFC[339]LPPHC[339]SR	2
							3	LGYILTC[339]PSNLGTGLRAGVHVRIPK	1
							2	LGYILTC[330]PSNLGTGLR	2
							2	LGYILTC[339]PSNLGTGLR	1
							3	PVSPLLTC[330]AGMAR	1
							2	GLSLPPAC[339]TR	1
							3	TVGMVAGDEESYEVFADLFDPIK	1
							2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[330]ER	3
							3	HNNC[339]M[147]ASHLTPAVYAR	1
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.22	0.07	17	2	2	HNNC[330]MASHLTPAVYAR	1
							2	HNNC[339]MASHLTPAVYAR	1
							2	HNNC[339]MASHLTPAVYAR	1
							3	SEVELVQLVIDGVNYLIDC[330]ER	1
							3	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[339]ER	5
KGP1A_HUMAN (Q13976) cGMP-dependent protein kinase 1, alpha isozyme (EC 2.7.11.12) (CGK 1 alpha) (cGKI-alpha) [MASS=76233]	*	4.18	*	*	*	2	3	SEVELVQLVIDGVNYLIDC[339]ER	1
							2	HNNC[339]M[147]ASHLTPAVYAR	1
							2	TYNIILRGIDM[147]IEFPKK	1
							2	TLGKGDWFGEK	1

KI13A_HUMAN (Q9H1H9) Kinesin-like protein KIF13A (Kinesin-like protein RBKIN) [MASS=202258]	*	0.72	*	*	*	1	2	RGAIVSEPAIQVR	1
							2	LFLIVRVTVQLSHPADMQLVLR	1
KI13B_HUMAN (Q9NQT8) Kinesin-like protein KIF13B (Kinesin-like protein GAKIN) [MASS=202665]	0.00	6.52	5.70	0.00	1	5	3	LSGDVGERIAGGDEVAEVPFEKETQENK	1
							3	YVGPADFQEGTWVGVELDLP SGKNDGSIGGKQYFR	1
							3	SYTM[147]M[147]GTADQPGLIPRLC[339]SGLFER	1
							2	VAVRIRPMNR	1
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY- REN-62 antigen) [MASS=187178]	0.99	2.69	0.45	0.00	1	2	3	LIEGC[339]FEGYNATVFAYGQTGAGK	1
							2	EGISINC[330]GLLALGNVISALGDK	1
							2	AM[147]HTPKPAVSGEKNIYAFM[147]GTPVQK	1
							2	VSFGGHLR	1
							2	PAVSGEKNIYAFM[147]GTPVQK	1
							3	ELFSAPGHTEESM[147]TIDKNTKIPC[330]K	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	*	5.19	*	*	*	10	2	AQSLVISPPAPSPR	1
							2	DGSVTGTKR	1
							3	QDKTEAEQQITEVFVLAERIEINR	1
							2	HLRTRVQK	1
							2	RVSISRSQHDILQMIC[330]SK	1
							2	AFMESPKQILDSAASLTGSK	1
KIF11_HUMAN (P52732) Kinesin-like protein KIF11 (Kinesin-related motor protein Eg5) (Kinesin-like spindle protein HKSP) (Thyroid receptor-interacting protein 5) (TRIP5) (Kinesin- like protein 1) [MASS=119273]	0.00	2.65	0.57	0.00	1	2	2	TPHVPYRESKLTR	1
							2	QPELLMMLNC[330]SENNK	1
KLD7B_HUMAN (Q96G42) Kelch domain- containing protein 7B [MASS=53295]	0.00	6.67	0.29	0.00	1	1	2	C[339]EIAPSSEQEVRPAASGDPQGEAPGEGGSPAGR	1
KLF17_HUMAN (Q5JT82) Krueppel-like factor 17 (Zinc finger protein 393) [MASS=42577]	0.00	5.91	1.33	0.00	1	2	2	GM[147]SYC[339]PQATLTPSR	1
							3	HM[147]RVHTRYR	1
KLH12_HUMAN (Q53G59) Kelch-like protein 12 (CUL3-interacting protein 1) [MASS=63277]	0.00	5.99	2.37	0.00	1	2	2	PELRSQMGGPRTR	1
							3	SILNSMNSLRKSNTLC[339]DVTLR	1
KLK3_HUMAN (P07288) Prostate-specific antigen precursor (EC 3.4.21.77) (PSA) (Kallikrein-3) (Semenogelase) (Gamma- seminoprotein) (Seminin) (P-30 antigen) [MASS=28741]	0.00	8.05	2.58	0.00	1	1	3	LQC[339]VDLHVISNDVC[339]AQVHPQK	1

KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	2.35	*	*	*	2	2	TALIYSDGLKEVLAHAK	1
							3	LIDKAQWQNYDKILASLVGSELASLYQEIEM[147]GLK	1
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	0.93	12.37	0.68	0.00	1	5	3	QC[330]VINVPSLC[339]GMDHTEK	1
							2	LTDFNFLMVLGKGSFGKVM[147]LADR	1
							3	TTRNDFM[147]GSLSFGVSELM[147]K	1
							3	HPAKRLGC[330]GPEGER	1
							2	C[330]DTC[330]DM[147]NVHK	1
KPCE_HUMAN (Q02156) Protein kinase C epsilon type (EC 2.7.11.13) (nPKC-epsilon) [MASS=83673]	*	1.36	*	*	*	1	2	DNEERVFRER	1
KPCG_HUMAN (P05129) Protein kinase C gamma type (EC 2.7.11.13) (PKC-gamma) [MASS=78447]	*	3.30	*	*	*	1	2	C[339]FFGASPGRLHISDFSFLMVLGK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.90	3.77	0.55	0.00	1	2	2	NTGIIC[330]TIGPASR	1
							1	VVEVGSK	1
KR108_HUMAN (P60410) Keratin-associated protein 10-8 (Keratin-associated protein 10.8) (High sulfur keratin-associated protein 10.8) (Keratin-associated protein 18-8) (Keratin-associated protein 18.8) [MASS=26318]	0.00	9.65	*	*	*	1	3	VSSPSTC[330]TGSSWQVDNC[339]QESC[339]C[339]EPR	1
KREM2_HUMAN (Q8NCW0) Kremen protein 2 precursor (Kringle-containing protein marking the eye and the nose) (Kringle domain-containing transmembrane protein 2) (Dickkopf receptor 2) [MASS=48849]	*	1.08	*	*	*	1	1	GHQNR	1
KRIT1_HUMAN (O00522) Krev interaction trapped protein 1 (Krev interaction trapped 1) (Cerebral cavernous malformations 1 protein) [MASS=84347]	0.00	5.57	*	*	*	3	1	MLIALDK	1
							2	M[147]LIALDKWLDER	1
							2	VC[339]SESSTHFATLTARM[147]LIALDK	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	*	2.41	*	*	*	2	2	PNLSQIGMGK	1
							2	QRHAVRTPPR	1
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	*	0.48	*	*	*	1	1	HQMAVK	1

LAMA2_HUMAN (P24043) Laminin alpha-2 chain precursor (Laminin M chain) (Merosin heavy chain) [MASS=342769]	*	2.15	*	*	*	3	2	GENEEMEKDLREK	1
							3	KADAVRVITFTGC[330]MGETYFDNK	1
							3	NGLPYFSYDLGSGDTHMTIPTKINDGQWHKIK	1
LAMP1_HUMAN (P11279) Lysosome-associated membrane glycoprotein 1 precursor (LAMP-1) (CD107a antigen) [MASS=44773]	1.00	6.97	0.68	0.02	2	2	2	NM[147]TFDLPSDATVVLNRSSC[339]GK	1
							2	C[339]NAEEHVR	1
							2	C[330]NAEEHVR	1
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.00	5.56	2.42	0.00	1	1	3	TADPHDC[339]SAYTGWTGIALLYLQLYR	1
LASS4_HUMAN (Q9HA82) LAG1 longevity assurance homolog 4 [MASS=46399]	0.48	5.08	0.70	0.00	1	1	2	IGSLVLLLHDSSDYLLLEAC[330]K	1
LASS6_HUMAN (Q6ZMG9) LAG1 longevity assurance homolog 6 [MASS=44890]	*	2.86	*	*	*	1	2	RNQEKPSTLTR	1
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	0.00	6.13	0.20	0.00	1	2	2	LGIPEC[330]ILLVTQR	1
							3	SIM[147]RM[147]KSGQM[147]FAK	1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	*	7.43	*	*	*	3	2	DC[330]DSEWKGSQIGSC[330]GTGVQWDGR	1
							3	AVRHC[339]VRAFLEQIGAPQAALR	1
							1	LYHTM[147]TR	1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.00	3.61	*	*	*	1	2	VIGSGC[339]NLDSAR	1
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	6.01	0.57	0.36	3	1	2	GM[147]YGIENEVFLSLPC[339]ILNAR	1
							2	GM[147]YGIENEVFLSLPC[330]ILNAR	1
LDHC_HUMAN (P07864) L-lactate dehydrogenase C chain (EC 1.1.1.27) (LDH-C) (LDH testis subunit) (LDH-X) [MASS=36180]	0.00	6.65	*	*	*	1	3	LKGYTSWAIGLSVM[147]DLVGSILK	1
							2	LKGYTSWAIGLSVMDLVGSILK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	20.15	0.82	0.15	3	2	2	DSNNLC[330]LHFNPR	1
							2	FNAHGDANTIVC[330]NSK	1
							2	DSNNLC[339]LHFNPR	1

LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.00	5.41	0.82	0.00	1	2	2	LELAKFLQDTIEEM[147]ALKNK APWTSTSVGFVAVGPQC[330]LPVR	1 1
LNK2_HUMAN (Q8N448) Ligand of Numb-protein X 2 (Numb-binding protein 2) (PDZ domain-containing RING finger protein 1) [MASS=76004]	0.00	13.48	0.93	0.00	1	4	3 3 3 2	YGTELAQAIIQASGERVNLTIRPGK C[330]GDM[147]IVAVNGLSTVGM[147]SHSALVPM[147]LKEQR C[330]GDM[147]IVAVNGLSTVGM[147]SHSALVPM[147]LK LC[330]KKSSILVHK	1 1 1 1
LPP1_HUMAN (O14494) Lipid phosphate phosphohydrolase 1 (EC 3.1.3.4) (Phosphatidic acid phosphatase 2a) (Phosphatidate phosphohydrolase type 2a) (PAP2a) (PAP-2a) (PAP2-alpha) [MASS=32156]	0.00	10.56	11.01	0.00	1	1	3	MFDKTRLPYVALDVLC[339]VLLAGLPFAILTSR	1
LPP_HUMAN (Q93052) Lipoma-preferred partner (LIM domain-containing preferred translocation partner in lipoma) [MASS=65746]	0.00	6.37	3.73	0.00	1	2	2 2	KM[147]LYDMENPPADEYFGRC[330]AR C[339]SVC[339]KEPIMPAPGQEETVR	1 1
LRC27_HUMAN (Q9C0I9) Leucine-rich repeat-containing protein 27 [MASS=60089]	*	1.70	*	*	*	1	2	LGLTLNKDR	3
LRC47_HUMAN (Q8N1G4) Leucine-rich repeat-containing protein 47 [MASS=63472]	*	3.26	*	*	*	1	2	GM[147]DLQPGNALKRFLTSQTK	1
LRC57_HUMAN (Q8N9N7) Leucine-rich repeat-containing protein 57 [MASS=26754]	*	5.44	*	*	*	1	3	HLDVM[147]DLSKNQIR	1
LRC59_HUMAN (Q96AG4) Leucine-rich repeat-containing protein 59 [MASS=34930]	*	10.42	*	*	*	2	3 2	WLDLKDNPDPVLAKVAGDC[339]LDEK SKSGSRPR	1 1
LRC8C_HUMAN (Q8TDW0) Leucine-rich repeat-containing protein 8C (Protein AD158) [MASS=92391]	*	2.74	*	*	*	1	3	YFPYLVIHTLVFM[147]LC[339]SNFWFK	1
LRMP_HUMAN (Q12912) Lymphoid-restricted membrane protein (Protein Jaw1) [MASS=62092]	*	1.62	*	*	*	1	2	TRKPSLSEK	1
LRP1_HUMAN (Q07954) Low-density lipoprotein receptor-related protein 1 precursor (LRP) (Alpha-2-macroglobulin receptor) (A2MR) (Apolipoprotein E receptor) (APOER) (CD91 antigen) [MASS=504573]	0.00	1.14	0.52	0.00	1	3	3 3 3	C[330]VRTEKAAYC[330]AC[339]R DC[330]ADGADESIAAGC[330]LYNSTC[330]DDR IERC[330]EYDGSHRYVILK	1 1 1

LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	*	0.99	*	*	*	1			
LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.99	9.29	0.59	0.00	1	1	2	QC[330]QPSDTV[330]ASVR	1
LYPA2_HUMAN (O95372) Acyl-protein thioesterase 2 (EC 3.1.2.-) (Lysophospholipase II) (LPL-II) [MASS=24737]	0.87	7.79	1.17	0.00	1	2	2 2	YIC[330]PHAPR FGALTAEKLR	1 1
M2GD_HUMAN (Q9UI17) Dimethylglycine dehydrogenase, mitochondrial precursor (EC 1.5.99.2) (ME2GLYDH) [MASS=96806]	0.00	1.39	0.18	0.00	1	1	2	SC[330]PLQGSPGRPR	1
M3K4_HUMAN (Q9Y6R4) Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEKK 4) (MAP three kinase 1) [MASS=181550]	*	2.05	*	*	*	2	2 3	TLISQSKDTASK PHSPVTGLYLAIHRNSPRPMK	1 1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	*	3.09	*	*	*	9	1 2 3 2 2 3 2 2 2	HGHKLSEK ALLELVPWRRAREGLDK LEEEKVVVEEKQEHVEK DGHNLISLLEVLSGIKLPREK ATHSSSTSWFRKPM[147]TR C[330]DSFLHQSPSSSVPTLRSELNLLVEK ELMMGVLGPLSIDPNM[147]LNAQKQQVQFM[147]LK FLDVLELAEKFWYDMAALLTTIK NQTKLDQC[339]QK	1 1 1 1 1 1 1 1 1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	0.86	*	*	*	3	3 3 1	QIQPLELNLAELQDLLC[339]QAKVLER LLPVKQLAGGM[147]VSLKSGR IISSETVGLK	1 1 1
MAGAB_HUMAN (P43364) Melanoma-associated antigen 11 (MAGE-11 antigen) [MASS=48129]	0.00	2.56	7.08	0.00	1	1	2	GGLGC[339]SPASIK	1

MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	6.46	2.69	0.00	1	2	3	YC[339]M[147]FNDDIQGTASVAVAGILAALR	1
							3	NEKLFYRVLTSDVEK	1
MAOX_HUMAN (P48163) NADP-dependent malic enzyme (EC 1.1.1.40) (NADP-ME) (Malic enzyme 1) [MASS=64149]	0.00	6.82	0.69	0.00	1	2	2	ILGLGDLGC[330]NGM[147]GIPVGK	1
							3	EKFAHEHEEM[147]KNLEAIVQEIK	1
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	0.24	2.50	0.77	0.00	1	5	3	SEPQDFQEADSWGDTK	1
							2	LEALLEKTK	1
							2	RSIEEAC[339]LTLQHLNR	1
							2	LSKPC[330]C[330]YIFPGGR	1
							2	SVEHKAPEDTVAEMKDR	1
MAP1B_HUMAN (P46821) Microtubule-associated protein 1B (MAP 1B) [Contains: MAP1 light chain LC1] [MASS=270618]	0.24	1.54	*	*	*	2	2	SDISPLTPRESSPLYSPTFSDSTSAVK	1
							2	M[147]SISEGTVSDK	1
MASP2_HUMAN (O00187) Mannan-binding lectin serine protease 2 precursor (EC 3.4.21.104) (Mannose-binding protein-associated serine protease 2) (MASP-2) (MBL-associated serine protease 2) [Contains: Mannan-binding lectin serine protease 2 A chain; Mannan-b [MASS=75685]	*	1.31	*	*	*	1	2	HDASALDIR	2
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	1.22	*	*	*	1	3	SRASSSGGSGGGSGGR	1
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	0.00	4.84	0.52	0.00	1	2	2	C[330]VKVDLSEK	1
							3	DLSAAGIGLLAAATQSLSM[147]PASLGRMNQGTAR	1
MCE1_HUMAN (O60942) mRNA capping enzyme (HCE) (HCAP1) [Includes: Polynucleotide 5'-triphosphatase (EC 3.1.3.33) (mRNA 5'-triphosphatase) (TPase); mRNA guanylyltransferase (EC 2.7.7.50) (GTP--RNA guanylyltransferase) (GTase)] [MASS=68556]	*	8.21	*	*	*	3	3	ESEPGSSASFGKRR	1
							2	FHPSMLSNYLKSLLKVK	1
							2	DLRM[147]HLSNTLLDGEM[147]IIDR	1

MDGA1_HUMAN (Q8NFP4) MAM domain-containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	*	1.15	*	*	*	1	2	WTKTAGSASDK	1
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.47	2.10	0.48	0.00	1	1	1	AIC[330]DHVR	1
							2	AIC[330]DHVR	1
							2	TIIP LISQC[339]TPK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	16.27	1.41	0.08	8	4	2	SQETEC[339]TYFSTPLLLGK	1
							2	GYLGPEQLPDC[339]LK	1
							2	TIIP LISQC[330]TPK	1
							2	GC[330]DVVVIPAGVPR	1
							3	GC[339]DVVVIPAGVPR	1
							2	GC[339]DVVVIPAGVPR	2
MEGF8_HUMAN (Q7Z7M0) Multiple epidermal growth factor-like domains 8 (EGF-like domain-containing protein 4) (Multiple EGF-like domain protein 4) [MASS=254572]	0.00	2.51	0.62	0.00	1	2	3	EVFWAGNC[330]SEAAC[339]GAADC[339]EQC[339]TR	1
							3	SEPFLAPLLLTGAGGPWGP MGGGC[330]C[330]PPAIPATTAGLR	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	*	11.76	*	*	*	4	2	EEATMANEALMR	1
							2	VNKLILQLC[339]IGNHDLFMRR	1
							3	QPKTFTVRIVTMDAEMEFNC[330]EM[147]K	1
							2	ERETALDILHNENSDR	1
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	*	3.30	*	*	*	1	3	LLRNKAGWLDSELNMFTHQYLQPSR	1
MGR2_HUMAN (Q14416) Metabotropic glutamate receptor 2 precursor (mGluR2) [MASS=95567]	0.00	2.75	2.81	0.00	1	2	3	C[339]SEPC[339]LQNEVK	1
							2	DFVLNVKFDAPFR	1
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	48.03	0.99	0.33	7	3	3	GALGSIALGLVGTTC[330]SAFQHLGWVK	1
							3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	VEYPIMYSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[330]IQR	1
							2	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	2

MICA2_HUMAN (O94851) Protein MICAL-2 [MASS=126688]	0.00	4.72	0.86	0.00	1	3	3	KFYGKFC[330]AGSIDHISIR	1
							3	DC[330]THYFVMTAKKQSLLDK	1
							2	SDLQLGGTENFATLPSTR	1
MINK1_HUMAN (Q8N4C8) Misshapen-like kinase 1 (EC 2.7.11.1) (Mitogen-activated protein kinase kinase kinase kinase 6) (MAPK/ERK kinase kinase kinase 6) (MEK kinase kinase 6) (MEKKK 6) (Misshapen/NIK- related kinase) (GCK family kinase MINK) [MASS=149808]	*	2.63	*	*	*	2	2	QRRIEEQK	1
							3	SDIWSLGITAIEM[147]AEGAPPLC[330]DM[147]HMPR	1
MKNK2_HUMAN (Q9HBH9) MAP kinase- interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (MAP kinase signal-integrating kinase 2) (Mnk2) [MASS=51875]	0.00	2.37	6.01	0.00	1	1	2	C[339]LQLSPPSQSK	1
MLL2_HUMAN (O14686) Myeloid/lymphoid or mixed-lineage leukemia protein 2 (ALL1-related protein) [MASS=564181]	*	1.20	*	*	*	4	3	PGTPGEGM[147]LSSDLDR	1
							2	AKNVQLSTGQGSEGLR	1
							2	PDKVPRDMR	1
							3	REANGEPIGAPGTSNHLLLAGPR	1
							1	TFPGIPK	6
MMP3_HUMAN (P08254) Stromelysin-1 precursor (EC 3.4.24.17) (Matrix metalloproteinase-3) (MMP-3) (Transin-1) (SL- 1) [MASS=53977]	*	1.47	*	*	*	1			
MMSA_HUMAN (Q02252) Methylmalonate- semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.91	10.28	0.98	0.00	1	2	3	LLQDSGAPDGTLNIIHGQHEAVNFIC[339]DHPDIK	1
							2	NLRVNAGDQPGADLGPLITPAK	1
MOG_HUMAN (Q16653) Myelin- oligodendrocyte glycoprotein precursor [MASS=28179]	0.83	4.86	1.93	0.00	1	1	2	FSDEGGFTC[339]FFR	1
MOK_HUMAN (Q9UQ07) MAPK/MAK/MRK overlapping kinase (EC 2.7.11.22) (MOK protein kinase) (Renal tumor antigen 1) (RAGE- 1) [MASS=48013]	0.00	5.49	1.37	0.00	1	2	3	AIGKIGEGTFSEVMK	1
							2	DGNYYAC[339]K	1

MORC3_HUMAN (Q14149) MORC family CW-type zinc finger 3 (Zinc finger CW-type coiled-coil domain protein 3) [MASS=107112]	0.00	9.58	1.34	0.00	1	4	3	ESVPRRLSEGTNSYATR	1
							3	AEC[339]SQC[339]SNNESKSEM[147]DEM[147]AVQLDDVFR	1
							3	SEVELLEMEKSQIRSQC[339]EELK	1
							2	VGC[339]QLRANNM[147]GVGVVGIIEC[330]NFLK	1
							3	AEC[339]SQC[330]SNNESKSEM[147]DEM[147]AVQLDDVFR	1
MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	0.00	2.35	0.98	0.00	1	1	3	ITFGFSC[330]KNSNQFGIM[147]M[147]YHNNR	1
MOS1B_HUMAN (Q9NZB8) Molybdenum cofactor biosynthesis protein 1 B (MOCS1B) (Molybdenum cofactor synthesis-step 1 protein A-B) (Molybdenum cofactor biosynthesis protein C) [MASS=70105]	0.00	3.93	0.49	0.00	1	1	2	GPTGVEM[147]EALTSAAVAALTYDM[147]C[330]K	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD) [MASS=274274]	*	4.98	*	*	*	6	3	INIC[330]GSVDIVQC[330]GPSSAVC[339]MHDLKTR	1
							3	TWNLGLSNAKLSYYDGM[147]IQLNYRGGTPYNNR	1
							2	DGIIVLKYVDGDLG[330]PDGIRK	1
							2	PQEVQMVNGTITNPINGKSFSLGDIYFK	1
							2	FISSPMKEK	1
							2	LTYENGLLK	1
MRC2_HUMAN (Q9UBG0) Macrophage mannose receptor 2 precursor (Urokinase receptor-associated protein) (Endocytic receptor 180) (CD280 antigen) [MASS=166654]	*	2.03	*	*	*	1	3	LFNLGTM[147]QC[339]LGTGWPGTNTTASLGM[147]YEC[330]DR	1
MSAP_HUMAN (Q9Y2B0) MIR-interacting saposin-like protein precursor (Transmembrane protein 4) (Putative secreted protein ZSIG9) [MASS=20652]	0.45	5.49	2.12	0.00	1	1	2	SQDLHC[339]GAC[339]R	1
MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	0.00	3.54	0.37	0.00	1	1	3	IEELNKTASGNVEAKVVC[330]FYR	1
MTMR6_HUMAN (Q9Y217) Myotubularin-related protein 6 (EC 3.1.3.-) [MASS=71953]	0.00	3.06	0.28	0.00	1	1	3	AITVENASVLVHC[330]SDGWDR	1
MTMRD_HUMAN (Q86WG5) Myotubularin-related protein 13 (SET-binding factor 2) [MASS=208463]	0.00	2.54	0.13	0.00	1	2	2	SLHC[330]MIPGIVAM[147]HIETLEAVHR	1
							3	VTTVFNSAQRLEVVRNC[330]ISFIFENK	1
MTPN_HUMAN (P58546) Myotrophin (Protein V-1) [MASS=12764]	0.00	16.24	0.22	0.00	1	1	3	HHITPLLSAVYEGHVSC[330]VK	1

MX2_HUMAN (P20592) Interferon-induced GTP-binding protein Mx2 (Interferon-regulated resistance GTP-binding protein MxB) (p78-related protein) [MASS=82088]	0.00	2.52	0.62	0.00	1	1	3	M[147]EQM[147]VFC[330]QDQIYSVVLKK	1
							2	FSMVM[147]SLDFNATGR	1
							2	TQFSSC[330]ESLLESRPSMGR	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	0.61	4.17	1.07	0.00	1	6	3	IADLTSDLADERFK	1
							2	EGVLLSKAEK	1
							2	QNTDLLESKIADLTSDLADER	1
							3	SFSSHLSM[147]ASIM[147]VVDSPGFQNP RHQ GKDR	1
MYCN_HUMAN (P04198) N-myc proto-oncogene protein [MASS=49561]	0.00	3.23	1.43	0.00	1	1	2	MPSC[339]STSTM[147]PGMIC[339]K	1
MYH9_HUMAN (P35579) Myosin-9 (Myosin heavy chain, nonmuscle IIa) (Nonmuscle myosin heavy chain IIa) (NMMHC II-a) (NMMHC-IIA) (Cellular myosin heavy chain, type A) (Nonmuscle myosin heavy chain-A) (NMMHC-A) [MASS=226400]	*	2.14	*	*	*	2	2	LEGDSTDLSDQIAELQAQIAELKM[147]QLAK	1
							2	NLPIYSEEIVEMYK	1
MYO5A_HUMAN (Q9Y4I1) Myosin-5A (Myosin Va) (Dilute myosin heavy chain, non-muscle) (Myosin heavy chain 12) (Myoxin) [MASS=215420]	0.00	2.96	1.20	0.00	1	3	3	NPDILVGENDLTALSYLHEPAVLHNLR	1
							2	C[339]IKPNDFK	1
							2	QLNSFHSVMC[339]QHGMDP ELIK	1
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	*	2.75	*	*	*	3	3	TKQRGDFPTDC[330]VYVMPTVTM[147]PPR	1
							2	VSSLGSGSDHVM DAISQC[339]EQYAK	1
							2	KPIMLPVTFM[147]DGTTK	1
MYO9B_HUMAN (Q13459) Myosin-9B (Myosin IXb) (Unconventional myosin-9b) [MASS=243556]	0.00	3.80	0.58	0.00	1	5	2	ELIGMDPVAVFRWAVLRAAIR	1
							2	MSPGALAIIFAPC[330]LLR	1
							3	PDSPGGSTQIQR	1
							2	VQEKPDSPPGGSTQIQR YLDAER	1
							3	YTG MLETVRIR	2
MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	0.00	3.79	0.75	0.00	1	3	2	MLQNLSASEGQLVVFEC[339]R	1
							2	LKHFRVTEGSPVTFTC[339]K	1
							2	HFRVTEGSPVTFTC[330]K	1

							2	VC[330]GSNLLSIC[330]K	2
							2	VC[339]GSNLLSIC[339]K	2
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	13.41	1.51	0.13	11	4	1	TSASIGSLC[339]ADAR	2
							2	VC[339]HC[339]LGK	1
							2	TTIC[339]GK	1
							2	TSASIGSLC[330]ADAR	1
							2	VC[330]HC[330]LGK	1
							2	TSASIGSLC[339]ADAR	2
MYST4_HUMAN (Q8WYB5) Histone acetyltransferase MYST4 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 4) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 4) (Histone acetyltransferase MOZ2) (Monocytic leukemia zinc finger protein-related factor) (Histone acetyltransferas [MASS=231343]	*	3.52	*	*	*	6	2	QAQELSWEK	1
							3	INIKQESADVNVIGNK	1
							2	REKLILSHM[147]EK	1
							2	QSC[330]TSHVLATGTTQKLK	1
							3	LQTQIASKGHISMR	1
							1	TTFLKK	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	0.30	15.97	0.81	0.00	1	1	2	LLYIGFLGYC[339]SGLIDNLIR	1
NADE1_HUMAN (Q6IA69) Glutamine-dependent NAD(+) synthetase (EC 6.3.5.1) (NAD(+) synthase [glutamine-hydrolyzing]) (NAD(+) synthetase 1) [MASS=79293]	*	2.83	*	*	*	1	3	ELAQQIGSHHISLNIDPAVK	1
NAL14_HUMAN (Q86W24) NACHT, LRR and PYD-containing protein 14 (Nucleotide-binding oligomerization domain protein 5) [MASS=124732]	*	2.74	*	*	*	2	2	RLIKM[147]NLTQNTLGYEGIVK	1
							2	C[330]FLFGLLNEDR	1
NALP6_HUMAN (P59044) NACHT, LRR and PYD-containing protein 6 (PYRIN-containing APAF1-like protein 5) [MASS=98733]	*	3.70	*	*	*	2	3	RLQRLGLGSGTLLSVSEYK	1
							3	C[330]C[330]PAGQALRLISC[330]R	1

NBEAL_HUMAN (Q6ZS30) Neurobeachin-like 1 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 17 protein) [MASS=150732]	0.00	6.01	0.85	0.00	1	5	3 VEPFTTLHIQLQSGRFDC[330]ADR 2 DC[339]YEALMVNM[147]HK 3 EEQDQKEKLVLM[147]EDC[339]ELITIIDVIPGR 3 YENFEDPMGTIDK 1 NAKAMR 2 FFLC[330]QVAGDAK	1 1 1 1 1 3
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	8.49	0.51	0.31	9	4	2 KVDKNDEAEYIC[330]IAENK 2 FFLC[339]QVAGDAK 3 KVDKNDEAEYIC[330]IAENK 3 GPVEAKPEC[330]QETETKPAPAEVK 3 PAPAEVKTVPN DATQTKENESK 2 KVDKNDEAEYIC[339]IAENK	2 1 1 1 1 1
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	0.99	7.05	0.89	0.00	1	3	3 GSNTLTVRNIINSDGGPYVC[339]RATNK 2 LIEENEKYILKGSNTLTVR 2 NIINSDGGPYVC[330]R	1 1 1
NCKX5_HUMAN (Q71RS6) Sodium/potassium/calcium exchanger 5 precursor (Na(+)/K(+)/Ca(2+)-exchange protein 5) (Solute carrier family 24 member 5) [MASS=54888]	0.00	5.20	1.80	0.00	1	1	2 GDMAM[147]SNIVGSNVFDM[147]LC[339]LGIPWFIK	1
NCOA5_HUMAN (Q9HCD5) Nuclear receptor coactivator 5 (NCoA-5) (Coactivator independent of AF-2) (CIA) [MASS=65536]	0.00	9.67	0.54	0.00	1	3	2 NM[147]PQADAMVLVARNYERYK 1 YLTAEETDK 3 SC[330]TVNIMFGTPQEHRNMPQADAMVLVAR	1 1 1
NDRG1_HUMAN (Q92597) Protein NDRG1 (N-myc downstream-regulated gene 1 protein) (Differentiation-related gene 1 protein) (DRG-1) (Reducing agents and tunicamycin-responsive protein) (RTP) (Nickel-specific induction protein Cap43) (Rit42) [MASS=42835]	0.00	5.08	3.32	0.00	1	1	3 TTLLKM[147]ADC[339]GGLPQISQPAK	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	0.69	8.89	*	*	*	2	2 LDPTQTSFLK 3 C[339]PVMLVVGDAQPHEDAVVEC[330]NSK	1 1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	6.12	1.42	0.06	4	1	2 IHLC[339]QR 2 IHLC[330]QR	2 2

NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	*	3.51	*	*	*	1	1	C[339]LEEGK	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	11.83	1.27	0.01	2	3	2 KQC[330]VDHYNEVK 2 QC[330]VDHYNEVK 2 GDPHEM[147]KITSAYLQDIENAYK	1 1 1	
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	14.71	1.12	0.05	5	2	2 DYC[330]AHHLIR 2 DYC[339]AHHLIR 2 RDSFPNFLAC[339]K	2 2 1	
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.21	12.87	1.41	0.00	1	2	2 KAAKEAAAATS 2 EGQNYQQNC[339]IK	1 1	

[illegible]

NF2L2_HUMAN (Q16236) Nuclear factor erythroid 2-related factor 2 (NF-E2-related factor 2) (NFE2-related factor 2) (Nuclear factor, erythroid derived 2, like 2) (HEBP1) [MASS=67826]	*	4.46	*	*	*	1	3	IINLPVVDNFNEMM[147]SKEQFNEAQLALIR	1
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	1.00	7.28	0.61	0.28	2	5	3	VRVMNSTAISLQWNRVYSDTVQGQLR	1
							2	VRVMNSTAISLQWNR	1
							3	TRLDC[330]PFFGSPIPTLR	1
							2	KEDQGIYTC[330]VATNILGK	1
							2	GPEPESVIGYSGEDYPRAAPTEVK	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NFI-B) (NF-I/B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	*	10.48	*	*	*	3	2	HPC[339]C[339]VLSNPDQKGK	2
							2	TWHERDQDM[147]SSPTTMK	1
							3	GIPLESTDGERLMK	1
NIFUN_HUMAN (Q9H1K1) NifU-like N-terminal domain-containing protein, mitochondrial precursor (NifU-like protein) (Iron-sulfur cluster assembly enzyme ISCU) [MASS=17937]	*	13.77	*	*	*	1	3	TVEEALTIKNTDIAKELC[330]LPPVK	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	0.94	5.71	1.25	0.00	1	1	2	C[339]HAFEK	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	*	3.17	*	*	*	1	2	MGPNIYELR	1
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	0.96	5.59	1.21	0.00	1	1	2	LQFHNVKPEC[339]LEAYNK	1
NKRF_HUMAN (O15226) NF-kappa-B-repressing factor (NFKB-repressing factor) (Transcription factor NRF) (ITBA4 protein) [MASS=77672]	0.00	8.84	0.14	0.00	1	4	3	SSQC[330]HTGSSPR	1
							2	KM[147]GWTGGGLGKSGEGIR	1
							2	TVKYEAAGEAVKTLK	1
							2	C[330]QNIYLTGAGSKNGSR	1
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	1.98	1.00	0.04	2	2	3	SDSYHRGRSYNR	2
							2	EPVGRIMFQLFSDIC[330]PK	2
NKX32_HUMAN (P78367) Homeobox protein Nkx-3.2 (Bagpipe homeobox protein homolog 1) [MASS=34814]	0.00	41.44	0.74	0.00	1	5	3	GAHVSALC[330]SGAGGGGGSGPAGVAEEEEPAAPKPRK	1
							2	DAGALGGAEDSLLASPAGTR	1
							3	GAHVSALC[330]SGAGGGGGSGPAGVAEEEEPAAPKPR	1
							2	RQMAADLLASAPAAK	1
							3	EERGGAAPEGRPAPGGTAASVAAAPAVC[339]C[330]WR	1

NLGN1_HUMAN (Q8N2Q7) Neuroligin-1 precursor [MASS=93835]	0.00	2.86	1.34	0.00	1	1	3	GLGAPLTLC[339]M[147]LGC[339]LLQAGHVLSQK	1
NLTP_HUMAN (P22307) Nonspecific lipid-transfer protein (EC 2.3.1.176) (Propanoyl-CoA C-acyltransferase) (NSL-TP) (Sterol carrier protein 2) (SCP-2) (Sterol carrier protein X) (SCP-X) (SCP-chi) (SCPX) [MASS=58993]	*	2.38	*	*	*	1	2	M[147]VGFDMSEKAARK	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	5.43	1.21	0.02	3	4	2	ILIVGGGVAGLASAGAAK	1
							2	KTC[339]DALQAK	1
							2	EANSIIITPGYGLC[339]AAK	1
							3	EFIEAEMKLFAQQC[339]K	1
NOP14_HUMAN (P78316) Probable nucleolar complex protein 14 [MASS=97668]	*	3.97	*	*	*	2	3	PDAYDMM[147]VRELGFEMKAQPSNR	1
							2	VLEFGRKQGSSK	1
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	0.00	6.81	1.14	0.00	1	2	2	EEPLSEEEPC[330]TSTAIASPEK	1
							3	YGLIYHASLVGQTSPK	1
							3	SSPC[330]ANGGQC[339]QDQPGAFC[330]K	1
							3	C[339]SC[330]PHSSPGPR	12
NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]	*	1.55	*	*	*	2			
NOV_HUMAN (P48745) Protein NOV homolog precursor (NovH) (Nephroblastoma overexpressed gene protein homolog) [MASS=39162]	*	3.36	*	*	*	1	2	FQPSC[330]KFQC[339]TC[339]R	1
NOX3_HUMAN (Q9HBY0) NADPH oxidase 3 (EC 1.6.3.-) (gp91phox homolog 3) (GP91-3) (Mitogenic oxidase 2) [MASS=64934]	0.00	7.39	0.35	0.00	1	2	3	TLQKM[147]C[330]HLYSSADPRGVHFYNNK	1
							2	QIAYNHPSSSIGVFFC[330]GPK	1

NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	0.00	3.13	0.58	0.00	1	2	2	QRPQGGDFMRFLPMFLSDNPMPK	1
							2	GAEDGTSVQASESC[330]LFR	1
NPHP1_HUMAN (O15259) Nephrocystin-1 (Juvenile nephronophthisis 1 protein) [MASS=83299]	0.00	5.60	1.62	0.00	1	2	2	M[147]IPLPGM[147]SIQVLSRHVR	1
							3	NVLSLLPETLIGNM[147]C[339]SIHLLIFYR	1
NPTN_HUMAN (Q9Y639) Neuropilin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	11.70	0.52	0.09	3	2	2	SENKNEGQDATM[147]YC[330]K	1
							2	AEDSGEYHC[339]VYHFVSAPK	1
							3	AEDSGEYHC[330]VYHFVSAPK	1
NRBP_HUMAN (Q9UHY1) Nuclear receptor-binding protein [MASS=59844]	*	4.30	*	*	*	1	3	LQEEKVRAVFDNLIQLEHLNIVK	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	9.06	*	*	*	3	3	RDPAPGFMSMLLFGVSLAC[339]YSPSLKSVQDQAYK	1
							3	VALVKVLDKWPLR	2
							3	AAAAGGM[147]RRDPAPGFMSM[147]LLFGVSLAC[330]YSPSLK	1
NRX1A_HUMAN (Q9ULB1) Neurexin-1-alpha precursor (Neurexin I-alpha) [MASS=161882]	*	2.17	*	*	*	2	2	NYISNSAQSNQAVVK	1
							3	FPKWNAC[330]C[330]ESEM[147]SFQLK	1
NRX3A_HUMAN (Q9Y4C0) Neurexin-3-alpha precursor (Neurexin III-alpha) [MASS=169922]	*	2.40	*	*	*	2	2	DSADTLRLELDGGRVK	1
							3	QLAEMQNAAGVKSSC[339]SRM[147]SAK	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	0.97	4.30	0.37	0.00	1	2	2	SQLSC[339]VVVDIER	1
							3	RQKIEVGLVVGNSQVAFK	1
NTAL_HUMAN (Q9GZY6) Linker for activation of T-cells family member 2 (Non-T-cell activation linker) (Linker for activation of B-cells) (Membrane-associated adapter molecule) (Williams-Beuren syndrome chromosome region 15 protein) [MASS=26550]	0.00	27.98	2.85	0.00	1	2	3	TGPTSGLC[339]PSASPEEDEESEDYQNSASIHQWR	1
							3	VMGQLQREASPGVGPDEEDGEPDYVNGEVAATEA	1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	0.00	1.29	1.36	0.00	1	1	2	EQMC[339]LM[147]VADM[147]LEYVPVK	1
NU214_HUMAN (P35658) Nuclear pore complex protein Nup214 (Nucleoporin Nup214) (214 kDa nucleoporin) (CAN protein) [MASS=213765]	0.00	2.92	3.42	0.00	1	4	2	VC[339]ATLPSTVAVTVC[339]WSPK	1
							3	AC[339]FQVGTSEEMK	1
							3	HGAPSPSHPIAPQQLAAAAALRR	1
							1	RPFAYHK	1

NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.96	13.04	0.80	0.00	1	1	2	STPYEC[330]GFDPM[147]SPAR	1
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	4.95	1.45	0.05	4	3	2	VVAAC[339]AM[147]PVMK	1
							3	IRM[147]TSGVTGDWKVM[147]NILHR	1
							2	FC[339]YHER	1
							2	VVAAC[339]AM[147]PVM[147]K	1
							2	FC[330]YHER	1
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	18.32	1.77	0.09	5	6	2	LLEGCG[339]LVGGR	1
							2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDVFFVR	1
							2	YLVVNADEGEPTGC[339]K	1
							3	FSGDTTAPKTSFGSLK	1
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	5.62	1.78	0.04	3	1	2	YHIQVC[339]TTTPC[339]M[147]LR	2
							2	YHIQVC[339]TTTPC[339]MLR	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.94	23.94	1.26	0.00	1	2	3	SSLWPMTFGLAC[339]C[339]AVEMM[147]HMAAPR	1
							3	IVPVDIYIPGC[330]PPTAEALLYGILQLQR	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	21.77	1.39	0.15	6	2	3	VIAC[339]DGGGGALGHPK	2
							2	VIAC[330]DGGGGALGHPK	2
							2	VIAC[339]DGGGGALGHPK	1
							2	TGTC[339]GYC[339]GLQFR	1
O51F1_HUMAN (Q8NH61) Olfactory receptor 51F2 [MASS=37205]	0.00	9.70	0.87	0.00	1	1	3	EINLNAC[330]IAQMFFLHGFTFM[147]ESGVLLAM[147]AFDR	1
O51Q1_HUMAN (Q8NH59) Olfactory receptor 51Q1 [MASS=35747]	*	6.31	*	*	*	1	3	NKQIQWGM[147]LNFLSLKNM[147]HSR	1
O52P1_HUMAN (Q8NH57) Olfactory receptor 52P1 [MASS=34889]	0.00	10.59	1.40	0.00	1	1	3	YATILTDTHAHIGVAAVVRGSLMLPC[339]PFLIGR	1
OAT4_HUMAN (Q9NSA0) Solute carrier family 22 member 11 (Organic anion transporter 4) [MASS=59971]	0.00	4.91	1.25	0.00	1	1	3	RAVTMTVVGCG[330]AFSAGQAALGGLAFALR	1
OAT5_HUMAN (Q63ZE4) Solute carrier family 22 member 10 (Organic anion transporter 5) [MASS=59033]	*	4.71	*	*	*	2	3	C[330]LALLTLNHMGR	1
							3	C[339]LALLTLNHMGRR	1

							2	KPGLASFRLSGLK	1
							2	MDQPQFSGAPR	1
							2	GSETLRDGDR	1
							2	VEAVGC[330]TR	1
							3	PSAAQC[330]LSHPWFLKSMPAEEAHFINTK	1
							3	KEM[147]KQQEGPM[147]FSHTFGDTEAQVGDALR	1
							2	FKM[147]SLEGQM[147]AELR	1
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin- MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	3.36	0.61	0.00	1	16	2	LM[147]LRRTC[339]STM[147]TGPVHFTVGK	1
							3	C[339]YAGLSGGAVAFLRSTLC[339]AQPWGR	1
							3	C[330]EFADQGVYVC[339]DAHDAQSSASVKVQGR	1
							2	PMPAHFIGRLRHQESIEGATATLR	1
							2	MAPVEWWK	1
							2	LEVRVKPVVFLK	1
							2	GGYIAGALPGLR	1
							3	WLKDGVELTDGR	1
							2	SLTVLGLRAEDAGEYVC[339]ESR	1
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	*	3.66	*	*	*	2	3	DIATETVGTGIMGKM[147]GNK	1
							2	AIQFLLGFLLGSEED	1
OCTC_HUMAN (Q9UKG9) Peroxisomal carnitine O-octanoyltransferase (EC 2.3.1.137) (COT) [MASS=70178]	0.00	5.23	0.87	0.00	1	2	2	C[330]HSEPDGPGIAALTSEER	1
							3	GFDRLHLLGLLLIAK	1
ODDB_HUMAN (P21953) 2-oxoisovalerate dehydrogenase subunit beta, mitochondrial precursor (EC 1.2.4.4) (Branched-chain alpha- keto acid dehydrogenase E1 component beta chain) (BCKDH E1-beta) [MASS=43122]	0.00	1.53	1.44	0.00	1	1	2	C[339]TVGLR	1
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	*	2.10	*	*	*	1	2	NGHNEMDEPM[147]FTQPLM[147]YKQIR	1

ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781])	0.62	4.89	0.99	0.00	1	2	1	ASALAC[339]LK	1
							2	DVPIGAIIC[339]ITVGKPEDIEAFK	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	2.82	1.60	0.02	5	2	2	KC[339]DLHR	2
							2	C[339]DLHR	2
							1	C[339]DLHR	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	0.00	7.24	1.05	0.00	1	2	3	QGTHITVVSHSR	1
							2	PVGHC[339]LEAAAVLSK	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.99	8.18	1.78	0.00	1	2	2	STVPHAYATADC[339]DLGAVLK	1
							2	GDPIKILM[147]PSLSPTMEEGNIVK	1
OMGP_HUMAN (P23515) Oligodendrocyte-myelin glycoprotein precursor [MASS=49608]	0.93	10.45	1.00	0.00	1	2	2	AHVIGTPC[330]STQISSLK	1
							3	FTFIPDQSFDQLFQLQEITLYNNRWSC[330]DHK	1
							2	TQEQC[339]VHNETKNELEK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	6.04	1.22	0.04	4	4	2	TALNHC[339]NLC[339]R	1
							3	TQEQC[339]VHNETKNELEK	2
							2	LDAFIEALHQEK	1
							3	EFDLTKEEDLAALRHEIELR	1
							2	TQEQC[330]VHNETKNELEK	1
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	0.98	13.62	1.48	0.00	1	2	2	DQSGEYEC[339]SALNDVAAPDVRK	1
							3	GRMSTLTFFNVSEKDYGNITC[339]VATNK	1

OR2G3_HUMAN (Q8NGZ4) Olfactory receptor 2G3 (Olfactory receptor OR1-33) [MASS=34506]	0.00	5.50	0.21	0.00	1	1	3	YIAVC[330]KPLHYVVIM[147]NPR	1
OR4N4_HUMAN (Q8N0Y3) Olfactory receptor 4N4 [MASS=35822]	0.00	5.38	1.08	0.00	1	1	2	YIAIC[330]RPLHC[330]STVMNPR	1
OR6A2_HUMAN (O95222) Olfactory receptor 6A2 (Olfactory receptor 11-55) (OR11-55) (hP2 olfactory receptor) [MASS=36154]	0.00	5.20	0.82	0.00	1	1	3	YM[147]AIC[339]YPLHYPVIVSGR	1
ORAV1_HUMAN (Q8WV07) Oral cancer overexpressed protein 1 (Tumor amplified and overexpressed sequence 1) [MASS=15354]	*	24.82	*	*	*	2	3 2	VLESLIGM[147]IQKFPYDDPTYDK C[330]LLHSC[330]TTEKDSR	1 1
ORCT2_HUMAN (Q96BI1) Organic cation transporter-like protein 2 (Imprinted multi-membrane spanning polyspecific transporter-related protein 1) (Efflux transporter-like protein) (Tumor-suppressing subchromosomal transferable fragment candidate gene 5 prote [MASS=43123]	0.00	7.35	0.80	0.00	1	1	3	SSVILLTYVLAATELTC[330]LFMQFSIVPYLSR	1
ORNT1_HUMAN (Q9Y619) Mitochondrial ornithine transporter 1 (Solute carrier family 25 member 15) [MASS=32736]	*	4.65	*	*	*	1	2	C[339]RLQTM[147]YEMETSGK	1
OSBP1_HUMAN (P22059) Oxysterol-binding protein 1 [MASS=89420]	*	7.81	*	*	*	3	2 3 3 3 2 3 2 1	EKQDWSSC[330]PDIF M[147]AATELRGVVGPAAIAALGGGGAGPPVVGSGGR VQPVIGENGGDARQR WFEVDLPENELLHPPLNIR QLVGLNM[147]DPVVC[330]VEVGDDK ANETDEDDIEGNLLLPEGVPPER LVPEHVETR M[147]ADEAYC[339]PPRFPPQLEYQIYR RHTVRDK	1 1 1 1 1 1 1 2
OTOF_HUMAN (Q9HC10) Otoferlin (Fer-1-like protein 2) [MASS=226735]	0.00	6.06	0.93	0.00	1	8	2 2	DGKVDGPHFGPPGR YFLWHTYR	1 1
OVOL2_HUMAN (Q9BRP0) Transcription factor Ovo-like 2 (hOvo2) (Zinc finger protein 339) [MASS=30438]	0.00	3.64	2.55	0.00	1	1	3	LLHDPPEDC[339]R	1

P2RY5_HUMAN (P43657) P2Y purinoceptor 5 (P2Y5) (Purinergic receptor 5) (RB intron encoded G-protein coupled receptor) [MASS=39391]	0.00	7.56	0.61	0.00	1	1	3	IVIFIEIVGFFIPLILNVTC[330]SSM[147]VLK	1
PA2G6_HUMAN (O60733) 85 kDa calcium-independent phospholipase A2 (EC 3.1.1.4) (iPLA2) (CaI-PLA2) (Group VI phospholipase A2) (GVI PLA2) [MASS=89902]	*	3.23	*	*	*	1	2	MLLKRGCG[330]NVNSTSSAGNTALHVAVMR	1
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	1.00	12.39	0.49	0.15	2	4	2	LAM[147]TREM[147]NSKTEQSVTPEQQK	1
							3	LC[330]NDLM[147]NC[339]VQERAKIEK	1
							2	AYHLAC[330]KEEK	1
							2	AYHLAC[330]K	1
PADI3_HUMAN (Q9ULW8) Protein-arginine deiminase type-3 (EC 3.5.3.15) (Protein-arginine deiminase type III) (Peptidylarginine deiminase III) [MASS=74743]	0.00	1.66	0.47	0.00	1	1	2	MLLASPGAC[330]FK	1
PANK3_HUMAN (Q9H999) Pantothenate kinase 3 (EC 2.7.1.33) (Pantothenic acid kinase 3) (hPanK3) [MASS=41094]	0.00	14.05	1.02	0.00	1	2	3	EDLARATLVITITNNIGSVARMC[339]AVNEK	1
							3	ATLVITITNNIGSVARMC[339]AVNEKINR	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	0.00	2.46	3.11	0.01	2	1	3	SLLHMISNDIGQLAC[339]LHAR	2
PAPS1_HUMAN (O43252) Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1 (PAPS synthetase 1) (PAPSS 1) (Sulfurylase kinase 1) (SK1) (SK 1) [Includes: Sulfate adenylyltransferase (EC 2.7.7.4) (Sulfate adenylyl transferase) (SAT) (ATP-sulfuryl) [MASS=70833]	*	4.81	*	*	*	3	2	DPAGMPHPETGK	1
							1	M[147]EIPGSLC[330]K	1
							2	NLGFSPEDR	1
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	26.98	0.66	0.19	3	3	2	MM[147]NGGHYTYSENK	1
							3	GLIAAIC[330]AGPTALLAHEIGFGSK	1
							2	GLIAAIC[330]AGPTALLAHEIGFGSK	1
							2	DVVIC[330]PDASLEDAKK	1
PARP2_HUMAN (Q9UGN5) Poly [ADP-ribose] polymerase 2 (EC 2.4.2.30) (PARP-2) (NAD(+) ADP-ribosyltransferase 2) (Poly[ADP-ribose] synthetase 2) (pADPRT-2) (hPARP-2) [MASS=66205]	0.00	6.17	0.52	0.00	1	2	2	M[147]GQHSLVAC[330]SGNLNKAK	1
							3	YDMLQM[147]DYATNTQDEEETK	1

PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	0.00	3.13	*	*	*	1	2	QLRVSHGC[330]VSKILC[339]R	1
							2	QLRVSHGC[339]VSKILC[339]R	1
PAX7_HUMAN	0.00	4.62	3.01	0.00	1	1	3	ASC[339]LFMESYKVVSGWGM[147]SISQMEK	1
PAX8_HUMAN (Q06710) Paired box protein Pax-8 [MASS=48118]	0.00	4.00	0.99	0.00	1	1	2	QRIVDLAHQGVRPC[339]DISR	1
							3	AYC[339]RKDYFDMFAPK	1
PAXI_HUMAN (P49023) Paxillin [MASS=64533]	0.00	5.75	2.37	0.00	1	3	3	C[339]WAAGWPRDGGR	1
							2	AGPLTKEK	1
PCCB_HUMAN (P05166) Propionyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.3) (PCCase subunit beta) (Propanoyl-CoA:carbon dioxide ligase subunit beta) [MASS=58205]	*	2.97	*	*	*	1	2	VASGC[330]LDINSSVKGAR	1
PCD18_HUMAN (Q9HCL0) Protocadherin-18 precursor [MASS=125307]	0.00	0.44	1.35	0.00	1	1	2	SYNC[339]R	1
PCD19_HUMAN (Q8TAB3) Protocadherin-19 precursor [MASS=126252]	0.00	0.96	5.31	0.00	1	1	2	EEC[339]RILGHSDR	1
PCDA1_HUMAN (Q9Y513) Protocadherin alpha 1 precursor (PCDH-alpha1) [MASS=102951]	0.00	2.21	0.54	0.00	1	1	2	SYEIQVKAVDKGSPPMSNHC[339]K	1
PCDLK_HUMAN (Q9BYE9) Protocadherin LKC precursor (PC-LKC) [MASS=141574]	*	1.07	*	*	*	1	2	DM[147]GSAGMVVYSIEK	1
							3	RSDIRGSNGPTINATTC[330]FETTSVM[147]GEIK	1
							3	GSHVHSGPTSAGSSSVSPGQPGSPSVSKKK	1
							3	GQYDDMGENMTDDPRSFKK	1
							1	TKALQTYK	1
PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	0.00	3.49	*	*	*	9	2	LKTAPVTTTSAVSK	1
							2	PPSQQPGSTKPPPQQPGPAKPSPQQPGSTK	1
							3	ERAYLQGVAEDRDYMSDSEVSSTR	1
							3	TLIGEAC[330]IWLDKVDLRK	1
							1	AIPRPASDSK	2
							2	KTALHEK	1
PCNT_HUMAN (O95613) Pericentrin (Pericentrin B) (Kendrin) [MASS=378079]	0.00	1.62	0.89	0.00	1	4	3	VAELQTKHAADLGALETR	1
							2	TQEAC[330]VHQDTQAHHALLQK	1
							2	C[339]LEDLEFKFK	1

PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	0.00	6.19	1.47	0.00	1	3	2	PPPRAAAATDTAAGAGGAGGAGGAGGPGFR	1
							2	NC[339]LKC[330]HPSC[330]KK	1
							2	GSC[339]IPDC[339]EPGTYFDSELIR	1
PCYOX_HUMAN (Q9UHG3) Prenylcysteine oxidase precursor (EC 1.8.3.5) (PCL1) [MASS=56611]	0.00	3.96	0.88	0.00	1	2	2	C[339]PSIILHDR	1
							3	FLNEMIAPVMR	1
PDCD8_HUMAN (O95831) Programmed cell death protein 8, mitochondrial precursor (EC 1.-.-) (Apoptosis-inducing factor) [MASS=66900]	*	3.10	*	*	*	1	2	LPGNLFQRWHVPLELQM[147]TR	1
PDIA3_HUMAN (P30101) Protein disulfide-isomerase A3 precursor (EC 5.3.4.1) (Disulfide isomerase ER-60) (ERp60) (58 kDa microsomal protein) (p58) (ERp57) (58 kDa glucose-regulated protein) [MASS=56782]	*	5.94	*	*	*	1	3	TFSHELSDFGLESTAGEIPVVAIRTAKEK	1
PDZK3_HUMAN (O15018) PDZ domain-containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	*	2.64	*	*	*	3	3	MESNLSRGDQILEVNSVNVNR	1
							3	AM[147]PGTDEPQDVC[339]GAEESKGNLESPK	1
							3	LQELRALSMPLDKLC[339]SEDYSAGPSAVLFK	1
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	0.00	2.44	*	*	*	1	2	TGKQGDGERLVVHGLLPGGSAM[147]K	1
PEA15_HUMAN (Q15121) Astrocytic phosphoprotein PEA-15 (Phosphoprotein enriched in diabetes) (PED) [MASS=15040]	0.32	8.46	1.60	0.00	1	1	2	SAC[339]KEDIPSEK	1
PECI_HUMAN (O75521) Peroxisomal 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8) (Dodecenoyl-CoA isomerase) (Delta(3),delta(2)-enoyl-CoA isomerase) (D3,D2-enoyl-CoA isomerase) (DBI-related protein 1) (DRS-1) (Hepatocellular carcinoma-associated antigen 88) (NY [MASS=39609]	*	8.08	*	*	*	1	3	PLIAVNGPAVGISVTLLGLFDAVYASDR	1
PEX19_HUMAN (P40855) Peroxisomal biogenesis factor 19 (Peroxin-19) (Peroxisomal farnesylated protein) (33 kDa housekeeping protein) [MASS=32806]	*	11.04	*	*	*	1	3	M[147]AAAEEGC[339]SVGAEADRELEELLESALDDFDKAK	1

PF4V_HUMAN (P10720) Platelet factor 4 variant precursor (PF4var1) (PF4alt) (CXCL4L1) [Contains: Platelet factor 4 variant(4-74); Platelet factor 4 variant(5-74); Platelet factor 4 variant(6-74)] [MASS=11553]	0.00	14.42	*	*	*	1	2	AEAEEDGDLQC[330]LC[330]VK	1
PGBM_HUMAN (P98160) Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) [MASS=468822]	0.00	1.82	0.70	0.00	1	4	3 2 2 2	GQTVTFTC[330]VAIGVPTPIINWR AVTLEC[330]VSAGEPR C[330]APGYYGNPSQGGPC[330]QR ATFSSVPLVASISAVSLEVAQPGPSNRPR	1 1 1 1
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	*	1.76	*	*	*	1	3	HFSTRRSWEEAETQC[339]R	1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	19.47	1.08	0.29	2	4	2 2 3 2	VLNNM[147]EIGTSLFDEEGAK AC[339]ANPAAGSVILLENLR FDENAKTGQATVASGIPAGWM[147]GLDC[339]GPESK DVLFLKDC[330]VGPEVEK	1 1 1 1
PGM2L_HUMAN (Q6PCE3) Phosphoglucomutase-2-like 1 (EC 5.4.2.2) (PMMLP) [MASS=70455]	0.88	3.70	0.53	0.28	2	1	3	YYAEMC[330]ASPDQSDTALLEELKK	2
PGTB_HUMAN (P53611) Geranylgeranyl transferase type-2 subunit beta (EC 2.5.1.60) (Geranylgeranyl transferase type II subunit beta) (Rab geranylgeranyltransferase subunit beta) (Rab geranyl-geranyltransferase subunit beta) (Rab GG transferase beta) (Rab G) [MASS=36924]	*	13.29	*	*	*	2	3 3	PGDMVDPFHTLFGIAGLSLLGEEQIK AIEFVLSC[339]M[147]NFDGGFGC[339]R	1 1
PHAR3_HUMAN (Q96KR7) Phosphatase and actin regulator 3 (Scapinin) (Scaffold-associated PP1-inhibiting protein) [MASS=62552]	0.00	1.61	0.52	0.00	1	1	2	TC[339]NPDGGPR	1
PHLD1_HUMAN (P80108) Phosphatidylinositol-glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) [MASS=92374]	*	2.98	*	*	*	1	3	C[339]KSWITPC[330]PEEKAQYVLISPEASSR	1

PHLPP_HUMAN (O60346) PH domain leucine-rich repeat-containing protein phosphatase (EC 3.1.3.16) (PH domain leucine-rich repeat protein phosphatase) (Pleckstrin homology domain-containing family E protein 1) (Suprachiasmatic nucleus circadian oscillatory [MASS=184671])	*	3.26	*	*	*	2	3 2	ISSVDLSC[330]C[339]SLEHLPANLFYSQDLTHLNLK ASPAPSDSSPGEPFVGGPVSSPRAPR	1 1
PHLP_HUMAN (Q13371) Phosducin-like protein (PHLP) [MASS=34281]	0.00	8.64	0.88	0.00	1	1	2	C[330]APASSSVPAEELAGEGISVNTGPK	1
PI3R4_HUMAN (Q99570) Phosphoinositide 3-kinase regulatory subunit 4 (EC 2.7.11.1) (PI3-kinase regulatory subunit 4) (PI3-kinase p150 subunit) (Phosphoinositide 3-kinase adaptor protein) [MASS=152971]	*	1.84	*	*	*	2	3 2	LNSAQNC[330]LPFQKASEK ELVTQM[147]IHR	1 1
PI52B_HUMAN (P78356) Phosphatidylinositol-4-phosphate 5-kinase type-2 beta (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type II beta) (1-phosphatidylinositol-4-phosphate 5-kinase 2-beta) (PtdIns(4)P-5-kinase isoform 2-beta) (PIP5KII-beta) (Di [MASS=47378])	0.00	2.88	*	*	*	1	2	FKFKEYC[330]PMVFR	1
PIGT_HUMAN (Q969N2) GPI transamidase component PIG-T precursor (Phosphatidylinositol-glycan biosynthesis, class T protein) [MASS=65699]	0.00	4.50	1.12	0.00	1	2	2 2	LFHTSYHSQAVHIRPVC[339]R RLANLIRR	1 1
PITM2_HUMAN (Q9BZ72) Membrane-associated phosphatidylinositol transfer protein 2 (Phosphatidylinositol transfer protein, membrane-associated 2) (Pyk2 N-terminal domain-interacting receptor 3) (NIR-3) [MASS=148932]	0.00	3.34	0.47	0.00	1	3	2 3 2	KQVFPIMC[330]AYK NQLTIDFIDIVKDPVPHNEYK APDALSHTPSVRR	1 1 1
PK3CG_HUMAN (P48736) Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	*	1.81	*	*	*	1	2	GQWYEIYDKYQVVQTLDC[339]LR	1

PKDRE_HUMAN (Q9NTG1) Polycystic kidney disease and receptor for egg jelly-related protein precursor (PKD and REJ homolog) [MASS=255447]	*	1.29	*	*	*	1	3	VM[147]LQAVNSSSHRAVESSVSC[330]QINAC[339]VIQR	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	*	9.95	*	*	*	6	3	AQIMARYPEGYRTLPR	1
							2	TNSMQQLEQWIK	1
							3	KTENISYEM[147]LFEPEPNGVNSVEMMDK	1
							3	TENISYEM[147]LFEPEPNGVNSVEM[147]M[147]DKERNK	1
							2	TYYFC[330]TDTGKEM[147]ELWM[147]K	1
							2	YAFKAAHPNMR	1
PKHD1_HUMAN (Q8TCZ9) Polycystic kidney and hepatic disease 1 precursor (Fibrocystin) (Polyductin) (Tigmin) [MASS=446699]	0.00	2.87	0.71	0.00	1	6	3	VNQVKDINLHGNVVAGSER	1
							2	TPKRWELM[147]VSNTTFVNFDLINC[339]VAIR	1
							3	NGTLSLHGSLPEVIVTC[330]LR	1
							2	DSC[330]TFKFSK	1
							2	MKVMLGKVNQC[339]PHQLMNGVSR	1
							3	RWELMVSNTTFVNFDLINC[339]VAIR	1
PKP1_HUMAN (Q13835) Plakophilin-1 (Band-6 protein) (B6P) [MASS=82860]	0.00	1.47	11.83	0.00	1	1	2	C[339]PVRPPSC[339]ASK	1
PLCB2_HUMAN (Q00722) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (Phospholipase C-beta-2) (PLC-beta-2) [MASS=133679]	*	1.35	*	*	*	1	2	REINNSHIQEVVQVIK	1
PLCB_HUMAN (O15120) 1-acyl-sn-glycerol-3-phosphate acyltransferase beta (EC 2.3.1.51) (1-AGP acyltransferase 2) (1-AGPAT 2) (Lysophosphatidic acid acyltransferase-beta) (LPAAT-beta) (1-acylglycerol-3-phosphate O-acyltransferase 2) [MASS=30914]	0.00	24.46	0.43	0.00	1	3	2	MELWPC[330]LAAALLLLLLLVQLSR	1
							3	QRSSTAM[147]TVMADLGER	1
							3	RLQEARPC[339]VIVSNHQSILDMM[147]GLM[147]EVLPER	1
PLEC1_HUMAN (Q15149) Plectin-1 (PLTN) (PCN) (Hemidesmosomal protein 1) (HD1) [MASS=531733]	0.00	3.63	0.68	0.00	1	10	3	C[330]VEDPETGLC[330]LLPLTDKAAKGGEVYTDSEAR	1
							2	WQLKANEALR	1
							2	LLAAGKVPQR	1
							3	ERMIIIIIEIEK	1
							3	PGTAFELLEAQAATGYVIDPIKGLKLTVEEAVR	1
							2	LRAETEQQGEQQR	1
							2	INLAQKAFCC[330]GFEDPR	1
							2	HGERDVEVER	1
							2	LISLFQAM[147]KKGLILK	1
							2	PDQLTGLSLLPLSEKAARAR	1

PLMN_HUMAN (P00747) Plasminogen precursor (EC 3.4.21.7) [Contains: Plasmin heavy chain A; Activation peptide; Angiostatin; Plasmin heavy chain A, short form; Plasmin light chain B] [MASS=90569]	0.00	5.56	0.86	0.00	1	2	2	AFQYHSKEQQC[330]VIM[147]AENR	1
							3	ISKTM[147]SGLEC[339]QAWDSQSPHAHGYIPSK	1
PLOD3_HUMAN (O60568) Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor (EC 1.14.11.4) (Lysyl hydroxylase 3) (LH3) [MASS=84785]	0.00	3.79	0.23	0.00	1	1	3	LQLNYLGNYVPNGWTPEGGC[330]GFC[330]NQDRR	1
PLP2_HUMAN (Q04941) Proteolipid protein 2 (Intestinal membrane A4 protein) (Differentiation-dependent protein A4) (Proteolipid protein 2) [MASS=16691]	0.00	16.45	0.70	0.00	1	1	3	IVAGVLGLIATC[330]LFGYDAYVTFPVR	1
PLSB_HUMAN (Q9HCL2) Glycerol-3-phosphate acyltransferase, mitochondrial precursor (EC 2.3.1.15) (GPAT) [MASS=93794]	0.00	2.90	*	*	*	1	3	RILQEM[147]VATVSPAM[147]IRLTGWVLLK	1
PLXA1_HUMAN (Q9UIW2) Plexin-A1 precursor (Semaphorin receptor NOV) [MASS=211086]	0.00	1.79	0.74	0.00	1	2	3	IRKILVDLSNPGGR	2
							2	C[330]LTPPGQSPGSAPIININR	1
PLXA4_HUMAN (Q9HCM2) Plexin-A4 precursor [MASS=212454]	0.00	5.07	0.90	0.00	1	4	2	TLVLSC[330]VSPDNANSPEVPVK	1
							2	AMPWNWTC[330]LLSHLLM[147]VGM[147]GSSTLLTR	1
							3	GEPAEGFNHLVVDERTGHIYLGAVNRIYK	1
PLXB3_HUMAN (Q9ULL4) Plexin-B3 precursor [MASS=206846]	*	2.72	*	*	*	2	3	MHM[147]NEFNTMSALSEIFSIVGK	1
							3	GLAGKLSAGVPPLAIRQLAGSQPFSSSEGLGR	1
							3	C[339]HWC[339]PQSSHC[339]VYGEHC[330]PEGER	1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	0.00	4.47	0.97	0.00	1	4	3	AAAASPPPFQTTPRC[339]PVPLLLLLLLGAAR	1
							2	ELLVDLIDASAAKNPKLM[147]LR	1
							2	PQIMAALEANPTARRTQLQHK	1
PMS2_HUMAN (P54278) PMS1 protein homolog 2 (DNA mismatch repair protein PMS2) [MASS=95797]	*	2.55	*	*	*	2	3	YQNEFNTNVAM[147]AEIYK	1
							2	PSRVKQM[147]FASR	1
PO4F1_HUMAN (Q01851) POU domain, class 4, transcription factor 1 (Brain-specific homeobox/POU domain protein 3A) (Brn-3A) (Oct-T1) (Homeobox/POU domain protein RDC-1) [MASS=42939]	0.00	6.15	1.71	0.00	1	2	2	LVNEVYHMYNR	1
							2	M[147]NKPELFNGGEK	1
							2	IPGVGSLSQSTIC[339]R	1

PO5F1_HUMAN (Q01860) POU domain, class 5, transcription factor 1 (Octamer-binding transcription factor 3) (Oct-3) (Oct-4) [MASS=38570]	0.32	5.00	8.03	0.00	1	1	2	VFSQTTIC[339]RFEALQLSFK	1
POK10_HUMAN (P10266) HERV-K_5q33.3 provirus ancestral Pol protein (HERV-K10 Pol protein) (HERV-K107 Pol protein) [Includes: Reverse transcriptase (RT) (EC 2.7.7.49); Ribonuclease H (EC 3.1.26.4) (RNase H); Integrase (IN)] [MASS=114826]	0.00	2.76	0.91	0.00	1	2	2	KHLLSC[339]FAVM[147]GVPEK	1
							3	ERVIKTPYQSAQR	1
POPD1_HUMAN (Q8NE79) Blood vessel epicardial substance (hBVES) (Popeye domain-containing protein 1) (Popeye protein 1) [MASS=41451]	*	3.61	*	*	*	1	3	PVKIEKELSGM[147]YR	1
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	0.96	3.03	1.19	0.00	1	1	2	GNHEC[339]ASINR	1
PP1B_HUMAN	0.96	7.67	*	*	*	1	3	FNIKLWKFTDC[339]FNC[330]LPAAIVDEK	1
PP2AA_HUMAN (P67775) Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform (EC 3.1.3.16) (PP2A-alpha) (Replication protein C) (RP-C) [MASS=35594]	1.00	12.94	0.59	0.28	2	2	3	IGGKSPDTNYLFM[147]GDYVDR	1
							2	C[330]PVTVC[330]GDVHGQFHDLMELEFR	1
							3	C[330]PVTVC[330]GDVHGQFHDLMELEFR	1
PP2BA_HUMAN (Q08209) Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (EC 3.1.3.16) (Calmodulin-dependent calcineurin A subunit alpha isoform) (CAM-PRP catalytic subunit) [MASS=58687]	*	5.76	*	*	*	2	3	GLTPTGM[147]LPSGVLSGGK	1
							3	VDILKAHLM[147]KEGR	1
PPARB_HUMAN (Q03181) Peroxisome proliferator-activated receptor delta (PPAR-delta) (PPAR-beta) (Nuclear hormone receptor 1) (NUC1) (NUC1) [MASS=49903]	*	14.74	*	*	*	3	3	SSSPPSLLDQLQMGC[339]DGASC[339]GSLNM[147]EC[339]R	1
							3	M[147]EQPQEEAPEVREEEEK	1
							3	C[339]QYC[330]RFQKC[330]LALGM[147]SHNAIR	1
PPB1_HUMAN (P05187) Alkaline phosphatase, placental type precursor (EC 3.1.3.1) (PLAP-1) (Regan isozyme) [MASS=57953]	0.00	8.04	0.27	0.00	1	2	3	QEGC[330]QDIATQLISNMDIDVILGGGR	1
							2	DGARPDVTESESGSPEYR	1
PPBN_HUMAN	0.00	4.89	*	*	*	1	3	YMFPMGTPDPEYPDDYSQGGTRLDGK	1

PPCKC_HUMAN (P35558) Phosphoenolpyruvate carboxykinase, cytosolic [GTP] (EC 4.1.1.32) (Phosphoenolpyruvate carboxylase) (PEPCK-C) [MASS=69194]	0.00	4.66	0.90	0.00	1	1	3	EVEDIEKYLEQVNDLPC[330]EIEREILALK	1
PPCT_HUMAN (Q9UKL6) Phosphatidylcholine transfer protein (PC-TP) (StAR-related lipid transfer protein 2) (StARD2) (START domain- containing protein 2) [MASS=24843]	0.00	11.21	0.73	0.00	1	1	2	VFGVLEDC[330]SPTLLADIYMDSDYRK	1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis- trans isomerase A (EC 5.2.1.8) (PPlase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A- binding protein) [MASS=17881]	*	16.46	*	*	*	1	3	HTGPGILSM[147]ANAGPNTNGSQFFIC[339]TAK	1
PPID_HUMAN (Q08752) 40 kDa peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) (PPlase) (Rotamase) (Cyclophilin-40) (CYP-40) (Cyclophilin-related protein) [MASS=40632]	0.00	9.21	1.12	0.00	1	2	2	IVLELFADIVPKTAENFRALC[339]TGEK	1
							2	GC[330]PFHRIIK	1
PPIH_HUMAN (O43447) Peptidyl-prolyl cis- trans isomerase H (EC 5.2.1.8) (PPlase H) (Rotamase H) (U-snRNP-associated cyclophilin SnuCyp-20) (USA-CYP) (Small nuclear ribonucleoprotein particle-specific cyclophilin H) (CypH) [MASS=19208]	0.00	38.98	0.78	0.00	1	3	2	HVVFGLIIDGLLVM[147]RK	1
							3	LRHSAPGLLSMANSGPSTNGC[339]QFFITC[330]SK	1
							2	IENVPTGPNNKPKLPVVISQC[330]GEM	1
PIIP1_HUMAN (O43586) Proline-serine- threonine phosphatase-interacting protein 1 (PEST phosphatase-interacting protein 1) (CD2- binding protein 1) (H-PIP) [MASS=47591]	0.00	4.81	0.86	0.00	1	1	2	EVTPLTSSPGIQPSC[339]GMIKR	1
PPT1_HUMAN (P50897) Palmitoyl-protein thioesterase 1 precursor (EC 3.1.2.22) (Palmitoyl-protein hydrolase 1) [MASS=34193]	0.99	4.25	0.49	0.00	1	1	2	C[339]PGESSHIC[339]DFIR	1
PRA10_HUMAN (O60809) PRAME family member 10 (Fragment) [MASS=53385]	0.00	6.10	1.14	0.00	1	2	3	ISNIKEHLEHLLR	1
PRA12_HUMAN (O95522) PRAME family member DJ1198H6.2 [MASS=54663]	0.00	4.76	0.67	0.00	1	1	2	DM[147]EC[330]LSQYPSLSQLK	1
PRAM4_HUMAN (O60810) PRAME family member 4 [MASS=55466]	*	5.86	*	*	*	1	3	TAGNC[330]PRPGGQQPLM[147]VILDLC[330]FK	1
								DQALAM[147]STLEELPTELPPLFM[147]EAFSRR	1

PRC1_HUMAN (O43663) Protein regulator of cytokinesis 1 [MASS=71664]	0.47	6.29	0.89	0.08	2	2	2 3	LPPSGSKPVAASTC[330]SGKK RSEVLAEESIVC[339]LQKALNHLR	1 2
PRD13_HUMAN (Q9H4Q3) PR domain zinc finger protein 13 (PR domain-containing protein 13) [MASS=75059]	*	3.21	*	*	*	1	2	PAGLARAAAAAHGDPYREESSK	1
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	*	2.06	*	*	*	2	2 2	HKLIHTGVKSHAC[330]EQC[339]GK EYLKHIM[147]EVHKEK	1 1
PRDM1_HUMAN (O75626) PR domain zinc finger protein 1 (PR domain-containing protein 1) (Beta-interferon gene positive-regulatory domain I-binding factor) (BLIMP-1) (Positive regulatory domain I-binding factor 1) (PRDI-binding factor 1) (PRDI-BF1) [MASS=87991]	0.00	6.84	1.28	0.00	1	2	2 3	LLQPEHPREVLVPAPHSFSTGAAASM[147]KDK NM[147]GNGLLSSGC[330]SLYESSDLPLM[147]K	1 1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	0.99	17.97	1.64	0.00	1	2	2 2	YLVLFYPLDFTFVC[339]PTEIVAFSDK NGGLGHMNIALLSDLTKQISR	1 1
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	0.00	10.61	1.12	0.00	1	2	2 3	ISLDQIDLLSTKSFPPC[330]M[147]R PSVQKTKDASSALASLNSSLEM[147]DMEGLEDYFSEDS	1 1
PRND_HUMAN (Q9UKY0) Prion-like protein doppel precursor (PrPLP) (Prion protein 2) [MASS=20293]	0.25	9.66	0.64	0.00	1	1	3	LHQQVLWRLVQELC[339]SLK	1
PRP31_HUMAN (Q8WWY3) U4/U6 small nuclear ribonucleoprotein Prp31 (Pre-mRNA-processing factor 31) (U4/U6 snRNP 61 kDa protein) (hPrp31) (Protein 61K) (Serologically defined breast cancer antigen NY-BR-99) [MASS=55456]	*	7.62	*	*	*	2	3 2	YSKRFPESLVPNALDYIR M[147]FAEIM[147]M[147]KIEEYISKQAK	1 1
PRP4B_HUMAN (Q13523) Serine/threonine-protein kinase PRP4 homolog (EC 2.7.11.1) (PRP4 pre-mRNA-processing factor 4 homolog) (PRP4 kinase) [MASS=116972]	*	3.48	*	*	*	2	3 2	YKYLAEDSNMSVPSEPSSPQSSTRTR IQRQAIVQK	1 1

PSB5_HUMAN (P28074) Proteasome subunit beta type 5 precursor (EC 3.4.25.1) (Proteasome epsilon chain) (Macropain epsilon chain) (Multicatalytic endopeptidase complex epsilon chain) (Proteasome subunit X) (Proteasome chain 6) (Proteasome subunit MB1) [MASS=22897]	0.00	11.54	2.13	0.00	1	1	3	VIEINPYLLGTMAGGAADC[339]SFWER	1
PSD12_HUMAN (O00232) 26S proteasome non-ATPase regulatory subunit 12 (26S proteasome regulatory subunit p55) [MASS=52773]	*	6.15	*	*	*	1	3	MAQLLDLSVDESEAFSLNLVVNKTIFAK	1
PTC1_HUMAN (Q13635) Protein patched homolog 1 (PTC1) (PTC) [MASS=160560]	*	0.76	*	*	*	1	2	DGLDLTDIVPR	1
PTN14_HUMAN (Q15678) Tyrosine-protein phosphatase non-receptor type 14 (EC 3.1.3.48) (Protein-tyrosine phosphatase pez) [MASS=135238]	0.00	5.14	0.58	0.00	1	4	2	DNHGNC[339]VHLGIFFMGIFVR	1
							2	HGPAKAISMSR	1
							1	M[147]PFGLKLRR	1
							2	ERPVSSEMFSLSDSIIEREMM[147]IR	1
PTN6_HUMAN (P29350) Tyrosine-protein phosphatase non-receptor type 6 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1C) (PTP-1C) (Hematopoietic cell protein-tyrosine phosphatase) (SH-PTP1) (Protein-tyrosine phosphatase SHP-1) [MASS=67561]	0.00	6.39	0.93	0.00	1	2	2	AYGPYSVTNC[339]GEHDTTEYK	1
							3	ESLSQPGDFVLSVLSQPK	1
PTPR2_HUMAN (Q92932) Receptor-type tyrosine-protein phosphatase N2 precursor (EC 3.1.3.48) (R-PTP-N2) (Islet cell autoantigen-related protein) (ICAAR) (IAR) (Phogrin) [MASS=111281]	0.00	3.25	0.43	0.00	1	2	2	LSGLGGDPGADATAAAYQELC[330]R	2
							2	YEVSPVALQRLR	1
PTPRK_HUMAN (Q15262) Receptor-type tyrosine-protein phosphatase kappa precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase kappa) (R-PTP-kappa) [MASS=162087]	*	1.95	*	*	*	2	1	DAMGNTR	1
							3	VLLTRPGEGGTGLPGPLITR	1
PTPRM_HUMAN (P28827) Receptor-type tyrosine-protein phosphatase mu precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase mu) (R-PTP-mu) [MASS=163632]	0.00	5.23	0.20	0.00	1	3	3	PTSDPWMPSGSLMLVNASGRPEGQR	1
							3	YRC[330]MIRTEGGVGISNYAELVVK	1
							3	ENDTHC[330]IDFHYFVSSKSNPPGLLNYYVK	1

PTPRT_HUMAN (O14522) Receptor-type tyrosine-protein phosphatase T precursor (EC 3.1.3.48) (R-PTP-T) (RPTP-rho) [MASS=164371]	*	4.99	*	*	*	3	2	LLVLDGDPHSDYINANYIDGYHRPR	1
							3	PMLDQAVPTGSFMMVNSSGRASGQKAHLLPTLK	1
							2	ASTAKGFPPVTTR	1
PTPRZ_HUMAN (P23471) Receptor-type tyrosine-protein phosphatase zeta precursor (EC 3.1.3.48) (R-PTP-zeta) [MASS=254528]	*	1.21	*	*	*	1	3	VTSVSSDSQTGMDRSPGKSPSANGLSQK	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	*	4.63	*	*	*	3	2	LNFSTPTSTNIVSVC[330]RATGLGPVDR	1
							1	EC[339]PVR	1
							3	VGTTETVRAPGSLVISAYAVC[339]PDITATVTPDLK	1
PURA_HUMAN (Q00577) Transcriptional activator protein Pur-alpha (Purine-rich single-stranded DNA-binding protein alpha) [MASS=34911]	0.87	2.17	1.52	0.00	2	1	2	FGHTFC[339]K	1
							2	FGHTFC[330]K	1
PYGB_HUMAN (P11216) Glycogen phosphorylase, brain form (EC 2.4.1.1) [MASS=96564]	0.00	4.16	*	*	*	2	3	INMAHLC[330]VIGSHAVNGVAR	1
							2	TC[330]AYTNHTVLPEALER	1
PYGM_HUMAN (P11217) Glycogen phosphorylase, muscle form (EC 2.4.1.1) (Myophosphorylase) [MASS=96960]	0.00	3.69	0.62	0.00	1	2	3	VIPAADLSEQISTAGTEASGTGNM[147]K	1
							1	VEDVDK	1
PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl-phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	0.00	2.61	1.08	0.00	1	3	2	IFVVAALWAGYSVDRLYELTR	1
							3	C[339]DFALFLGASSENAGTLGTVAGSAAGLK	1
							2	IDRWFLHR	1
PZRN4_HUMAN (Q6ZMN7) PDZ domain-containing RING finger protein 4 (Ligand of Numb-protein X 4) (SEMACAP3-like protein) [MASS=117072]	0.00	4.54	0.34	0.00	1	2	2	GGC[330]ASGLGGGEVPAR	1
							3	NEFLEELNLEM[147]LEEEHNEAMQPTANEVEQPKK	1
R4RL2_HUMAN (Q86UN3) Reticulon-4 receptor-like 2 precursor (Nogo-66 receptor homolog 1) (Nogo-66 receptor-related protein 2) (NgR2) (Nogo receptor-like 3) [MASS=46105]	0.00	2.86	1.16	0.00	1	1	2	C[330]QLSSLPGNIFR	1

RAB38_HUMAN (P57729) Ras-related protein Rab-38 (Antigen NY-MEL-1) [MASS=23712]	*	9.48	*	*	*	1	3	C[339]DQGKDVLM[147]NNGLKMDQFC[330]K	1
RAB2_HUMAN (Q9H5N1) Rab GTPase-binding effector protein 2 (Rabaptin-5beta) [MASS=63542]	*	6.15	*	*	*	2	2 2	PGAALEDSRSQEGANGEAESGELSR LQAQEHGAER	1 1
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	0.70	5.21	0.72	0.00	1	1	2	AVLC[330]PPPVKK	1
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	0.00	3.74	1.18	0.00	1	2	3 3	VC[330]ILRC[330]LKVMGSYC[330]PSC[330]R C[339]YEMEDVLKHHWLYTSKYLQK	1 1
RAI14_HUMAN (Q9P0K7) Ankyrin repeat and coiled-coil structure-containing protein) (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.80	3.67	1.95	0.00	1	2	3 3	QLLEEKAAMTDAM[147]VPR TALMLAC[330]EIGSSNAVEALIK	1 1
RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	0.00	3.15	0.95	0.00	1	3	3 3 2	GPEC[330]AAAATAGKPPR KLSSTDC[339]FKTEAFTSPEALQPGGTALAPK VRPEGTC[330]EEASLPLER	1 1 1
RAP2C_HUMAN (Q9Y3L5) Ras-related protein Rap-2c precursor [MASS=20745]	0.00	25.14	0.82	0.00	1	2	2 3	VDLEPEREVM[147]SSEGR VDLEPEREVMMSSEGRALAEWGC[339]PFMETSAC	1 1
RASF4_HUMAN (Q9H2L5) Ras association domain-containing protein 4 [MASS=36748]	*	5.30	*	*	*	1	3	DC[339]EYPLISRILHGPGC[330]EK	1
RBBP8_HUMAN (Q99708) Retinoblastoma-binding protein 8 (RBBP-8) (CtBP-interacting protein) (CtIP) (Retinoblastoma-interacting protein and myosin-like) (RIM) [MASS=101967]	0.00	6.24	1.52	0.00	1	3	2 2 3	KMNDLED MFDR ETSLQNFP HIEVVRK ENAFPPMDNQFSM[147]NGDC[339]VM[147]DKPLDLSDR	1 1 1
RBM4B_HUMAN (Q9BQ04) RNA-binding protein 4B (RNA-binding motif protein 4B) (RNA-binding protein 30) (RNA-binding motif protein 30) [MASS=40149]	*	5.01	*	*	*	1	3	NYGFVHIEDKTA AEDAIR	1
RBP17_HUMAN (Q9H2T7) Ran-binding protein 17 [MASS=124375]	0.00	4.41	1.81	0.00	1	2	3 3	LIANFTITSLQHWEFAPNSVHYLLTLWQR IEAEKALLELIDSPEC[339]LSK	1 1

RBP2_HUMAN (P49792) Ran-binding protein 2 (RanBP2) (Nuclear pore complex protein Nup358) (Nucleoporin Nup358) (358 kDa nucleoporin) (P270) [MASS=358197]	*	1.46	*	*	*	2	3 2	C[339]IAC[339]QNPGKQNQTTSVSTPASSETSK DVQESRELLQSFDSALQSVK	1 1
RBPSL_HUMAN (Q9UBG7) Recombining binding protein suppressor of hairless-like protein (Transcription factor RBP-L) [MASS=56594]	*	3.10	*	*	*	1	2	QC[339]ALLDVDEPISQLHK	1
RBV1A_HUMAN (Q15414) RNA-binding motif protein, Y chromosome, family 1 member A1 (RNA-binding motif protein 1) [MASS=55783]	0.00	9.88	0.54	0.00	1	3	3 3 2 2	MSYGGSTC[330]HAYSNTR SWESYSSC[339]GDFHYC[330]DREHVC[330]R MSYGGSTC[339]HAYSNTR RGPSSRSGGPPPK	1 1 1 1
RCBT2_HUMAN (O95199) RCC1 and BTB domain-containing protein 2 (Regulator of chromosome condensation and BTB domain-containing protein 2) (Chromosome condensation 1-like) (CHC1-L) (RCC1-like G exchanging factor) [MASS=60315]	0.00	3.99	0.92	0.00	1	1	3	M[147]LDVGKWPIFSLC[330]SEEELQLIR	1
RCC2_HUMAN (Q9P258) Protein RCC2 (Telophase disk protein of 60 kDa) (RCC1-like protein TD-60) [MASS=56084]	0.00	4.98	1.44	0.00	1	2	2 2	DEMVPRLVKLFDLPGR IEYDC[339]ELVPR	1 1
RECQ1_HUMAN (P46063) ATP-dependent DNA helicase Q1 (EC 3.6.1.-) (DNA-dependent ATPase Q1) [MASS=73456]	0.00	7.09	1.18	0.04	2	2	2 3	LINGRYKGQSGIYC[339]FSQK IAVDEVHC[330]C[330]SQWGHDFRPDYKALGILK	1 1
RECQ5_HUMAN (O94762) ATP-dependent DNA helicase Q5 (EC 3.6.1.-) (RecQ protein-like 5) (RecQ5) [MASS=108858]	0.00	3.23	1.60	0.00	1	2	2 3	TREAC[339]EQLAIELSC[339]R ELFKGFARHLSHLLTQK	1 1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	*	4.74	*	*	*	2	2 3	PLLSGVSDAEAR GQAAQAALQELFDIQMPGHAPGR	1 1
RENT2_HUMAN (Q9HAU5) Regulator of nonsense transcripts 2 (Nonsense mRNA reducing factor 2) (Up-frameshift suppressor 2 homolog) (hUpf2) [MASS=147809]	0.00	4.56	6.05	0.00	1	3	3 3 2	LVATLHPC[339]M[147]SDVAEDLC[339]SMLRGDFR AAMDFC[339]M[147]NMNTKANRK SPESHLRTSVLLEQMMR	1 1 1

RETBP_HUMAN (P02753) Plasma retinol-binding protein precursor (PRBP) (RBP) [Contains: Plasma retinol-binding protein(1-182); Plasma retinol-binding protein(1-181); Plasma retinol-binding protein(1-179); Plasma retinol-binding protein(1-176)] [MASS=23010]	0.00	10.95	0.86	0.00	1	1	3	GNDDHWIVDTDYDTYAVQYSC[330]R	1
RF1M_HUMAN (O75570) Peptide chain release factor 1, mitochondrial precursor (MRF-1) [MASS=52305]	0.00	3.60	0.16	0.00	1	1	3	LVHIPTGLVVEC[330]QQR	1
RGS14_HUMAN (O43566) Regulator of G-protein signaling 14 (RGS14) [MASS=64600]	0.00	3.54	10.75	0.00	1	1	3	ALVLDQDC[339]TVLADQEVRLNR	1
RGS3_HUMAN (P49796) Regulator of G-protein signaling 3 (RGS3) (RGP3) [MASS=132335]	*	4.26	*	*	*	2	2 3 3	RSSMIETGQGAEGGLSLRVQNSLR HSC[330]HLVC[330]DSSDGLLLGGWERYTEVAKR RSSM[147]IETGQGAEGGLSLRVQNSLR	1 1 1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.98	14.51	0.68	0.00	1	2	2 2	TKDGVREVFEMATR HFC[339]PNVPILVGNK	1 1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.94	6.12	0.27	0.00	1	1	2	IQAYDYLEC[330]SAK	1
RHPN1_HUMAN (Q8TCX5) Rhophilin-1 (GTP-Rho-binding protein 1) [MASS=76292]	*	2.45	*	*	*	1	2	GSVLFNIGALHTQIGAR	1
RIMB1_HUMAN (O95153) Peripheral-type benzodiazepine receptor-associated protein 1 (PRAX-1) (Peripheral benzodiazepine receptor-interacting protein) (PBR-IP) (RIM-binding protein 1) (RIM-BP1) [MASS=200149]	0.00	2.64	0.48	0.00	1	3	2 2 2	AKLNM[147]SFGDRPNLELLR C[339]TPKSSEPAPATLTGVPRR ALEPGLASC[330]LSPK	1 1 1
RINI_HUMAN (P13489) Ribonuclease inhibitor (Ribonuclease/angiogenin inhibitor 1) (RAI) (Placental ribonuclease inhibitor) (RNase inhibitor) (RI) [MASS=49842]	0.00	1.96	0.75	0.00	1	1	2	C[330]KDISSALR	1
RIOK1_HUMAN (Q9BRS2) Serine/threonine-protein kinase RIO1 (EC 2.7.11.1) (RIO kinase 1) [MASS=65583]	*	3.87	*	*	*	1	2	LLMSRVVPGQFDDADSSDSEN	1

RIPK4_HUMAN (P57078) Receptor-interacting serine/threonine-protein kinase 4 (EC 2.7.11.1) (Ankyrin repeat domain protein 3) (PKC-delta-interacting protein kinase) [MASS=91610]	0.00	2.76	4.09	0.00	1	1	3	C[339]WQGDPRVRPTFQGNGLNGELIR	1
RKHD1_HUMAN (Q86XN8) RING finger and KH domain-containing protein 1 [MASS=49802]	*	9.90	*	*	*	2	3	HSPTLPEPGGLR	1
							3	AGGLPGAAQGPPNLPGQTTIQVRVPYRVVGLVVGPK	1
RL14_HUMAN (P50914) 60S ribosomal protein L14 (CAG-ISL 7) [MASS=23158]	*	7.55	*	*	*	1	3	VPAQKATGQKAAPAPK	1
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	1.00	9.66	1.19	0.01	3	2	3	FWYFVSQK	1
							2	C[339]HTPPLYR	1
							2	C[330]HTPPLYR	2
RL3_HUMAN (P39023) 60S ribosomal protein L3 (HIV-1 TAR RNA-binding protein B) (TARBP-B) [MASS=45977]	*	3.73	*	*	*	1	3	ALEKIDLKFDITTSK	1
RL4_HUMAN (P36578) 60S ribosomal protein L4 (L1) [MASS=47566]	*	4.23	*	*	*	1	2	VDKAAAAAALQAKSDEK	1
RL7_HUMAN (P18124) 60S ribosomal protein L7 [MASS=29226]	0.90	7.26	2.95	0.00	1	1	2	YGIIC[339]MEDLIHEIYTVGK	1
RLA0_HUMAN (P05388) 60S acidic ribosomal protein P0 (L10E) [MASS=34273]	0.00	3.79	3.22	0.00	1	1	2	C[339]FIVGADNVGSK	1
RM27_HUMAN (Q9P0M9) Mitochondrial 39S ribosomal protein L27 (L27mt) (MRP-L27) [MASS=16073]	0.00	10.81	0.16	0.00	1	1	2	NKC[330]LYALEEGIVRYTK	1
RNF17_HUMAN (Q9BXT8) RING finger protein 17 [MASS=73736]	*	2.60	*	*	*	1	3	LSVNC[330]SEIIC[339]M[147]FNNMGK	1
RNF4_HUMAN (P78317) RING finger protein 4 [MASS=21319]	0.00	21.58	0.19	0.00	1	2	3	LPQDHADSC[330]VVSSDDEELSR	1
							3	LIVSTEC[330]GHVFC[330]SQC[339]LRDSLK	1
RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	0.00	2.78	3.25	0.00	1	4	3	SEM[147]SFPGRTESR	1
							3	EYNIGFVKRAIEK	1
							2	RLATPPSLDFC[339]YDSK	1
							3	KRQSVEAAIQVDPIEEETPK	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	0.00	5.82	4.49	0.00	1	3	3	LQQQPGC[330]TAEETLEALILKELSVIR	1
							3	GEDLC[339]ANDSYVTIQNSELM[147]SGSM[147]DK	1
							3	DSVC[330]GVSEC[330]IIM[147]GIPM[147]NIGTGLFKLLHKADR	1

RPC2_HUMAN (Q9NW08) DNA-directed RNA polymerase III subunit 127.6 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 2) (RPC2) [MASS=127784]	0.00	6.18	0.76	0.00	1	4	2	GLVKQHIDSFNYFINVEIKK	1
							3	LGEM[147]ERDC[330]LIGYGASMLLLER	1
							2	KGAVGASVTSSTHEKK	1
							2	FHYGTAFGGSKVK	1
RPC5_HUMAN (Q9NVU0) DNA-directed RNA polymerases III 80 kDa polypeptide (EC 2.7.7.6) (RNA polymerase III subunit 5) (RPC5) [MASS=79898]	*	0.71	*	*	*	1	1	FTQSR	1
RPTN_HUMAN (Q6XPR3) Repetin [MASS=90730]	0.00	2.55	1.39	0.00	1	1	2	SHGGRTSQQERGQEGAQDC[339]K	1
RS16_HUMAN (P62249) 40S ribosomal protein S16 [MASS=16314]	1.00	6.21	1.06	0.00	2	1	2	TATAVAHC[330]K	1
							2	TATAVAHC[339]K	1
RS2_HUMAN (P15880) 40S ribosomal protein S2 (S4) (LLRep3 protein) [MASS=31324]	*	14.33	*	*	*	2	3	ESEIIDFFLGASLKDEVLKIM[147]PVQK	1
							3	AFVAIGDYNGHVGLGVK	1
RS3A_HUMAN (P61247) 40S ribosomal protein S3a [MASS=29814]	*	14.83	*	*	*	2	2	APAM[147]FNIRNIGKTLVTR	1
							2	LM[147]ELHGEGSSSGKATGDETGA	1
RS4X_HUMAN (P62701) 40S ribosomal protein S4, X isoform (Single copy abundant mRNA protein) (SCR10) [MASS=29466]	*	9.16	*	*	*	1	3	FDTGNLC[330]MVTGGANLGRIGVITNR	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	*	4.05	*	*	*	4	2	VGSPLDYSLVDLPSTNGQSPGK	1
							1	RHPSR	1
							2	AQIEEPDPPPEMETSLSSEMAK	1
							2	KSKANLLER	1
RT22_HUMAN (P82650) Mitochondrial 28S ribosomal protein S22 (S22mt) (MRP-S22) [MASS=41280]	0.00	5.83	0.89	0.00	1	1	3	HVDVLNLC[330]FAQFEPDSTEYIK	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.89	3.99	1.85	0.00	1	2	2	REQDSPPMKPSALDAIR	1
							2	YTDC[330]LQFYVNSTLK	1
RUSC2_HUMAN (Q8N2Y8) RUN and SH3 domain-containing protein 2 [MASS=161194]	*	1.45	*	*	*	1	3	EGGYGC[330]PHASSPELDANC[330]NSYR	1

RYR1_HUMAN (P21817) Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RyR-1) (Skeletal muscle calcium release channel) [MASS=565172]	0.00	4.90	1.99	0.00	1	11	3 SHNFKREEQNFVVQNEINNMSFLTADNK	1
							2 VAMM[147]TQPPATPTLPR	1
							3 VHLGHAIM[147]SFYAALIDLLGRC[330]APEMHLIQAGK	1
							3 VLGSGGHASNKEKEMITSLFC[339]K	1
							2 WYFEFEAVTTGEM[147]RVGWARPELR	1
							2 AQWEM[147]PQVKESKR	1
							2 KQAPPSPPPK	1
							2 FAVFVNGESVEENANVVVRLIR	1
							3 GETGAM[147]VSSTLKLGISILNGGNAEVQQKM[147]LDYLK	1
							3 VESLAFAERYVDKLQANQR	1
RYR2_HUMAN (Q92736) Ryanodine receptor 2 (Cardiac muscle-type ryanodine receptor) (RyR2) (RyR-2) (Cardiac muscle ryanodine receptor-calcium release channel) (hRyR-2) [MASS=564495]	0.00	3.62	0.92	0.00	1	12	3 C[330]APLFAGTEHRAIMVDSM[147]LHTVYRLSR	1
							2 SILNSLYELLAALIR	1
							1 GETGPM[147]VAATLK	1
							3 SFGSQNSNTDIM[147]FYRLSM[147]PIEC[330]AEVFSK	1
							2 GKVHESIKR	1
							2 YNILTLMR	1
							3 WPIKESLKTMLAR	1
							2 DMVVMLLSM[147]LEGNVVNGTIGK	1
							3 SSENAKVTSLDSSSHR	1
							2 VTQKSFGSQNSNTDIM[147]FYR	1
RYR3_HUMAN (Q15413) Ryanodine receptor 3 (Brain-type ryanodine receptor) (RyR3) (RyR- 3) (Brain ryanodine receptor-calcium release channel) [MASS=551928]	0.00	4.64	0.70	0.15	2	11	3 EKAQDILKFLQINGYAVSR	1
							2 LVNHVSSMR	1
							2 EYKQERTYTR	1
							3 IDGTMDSPPC[330]LKVTHKFTGTQNSNADMIYC[339]R	2
							2 RFAYKFLK	1
							3 SILGM[147]PDTVEDMC[330]PDIPQLEGLMK	1
							3 M[147]ELFVNFC[330]EDTIFEM[147]QLASQISESDSADR	1
							3 NALDFSPVEETKAEASLVSWLSSIDMK	1
							2 GSTPLDVAASSVM[147]DNNELALSLEEPDLEK	1
							2 SLVPTEDLVGIISPLK	2
S12A2_HUMAN (P55011) Solute carrier family 12 member 2 (Bumetanide-sensitive sodium- (potassium)-chloride cotransporter 1) (Basolateral Na-K-Cl symporter) [MASS=131446]	*	1.24	*	*	*	1	3 LPTFVNVPKDHPHIEVM[147]RIDGTMDSPPC[339]LK	1
							2 TSRLGPLKR	1
							2 APMVLFLDR	1
							3 NYNLQM[147]STETLK	1
							3 DAVVITYAESKGVVK	1

S12A3_HUMAN (P55017) Solute carrier family 12 member 3 (Thiazide-sensitive sodium-chloride cotransporter) (Na-Cl symporter) [MASS=113138]	*	7.44	*	*	*	4	2	NLSLM[147]IC[339]GHVLIGPHKQR	1
							3	KIKAFYSDVIAEDLR	1
							3	C[330]PSSLYM[147]AWLETLSQDLRPPVILIR	1
							2	C[339]PSSLYMAWLETLSQDLR	1
S12A4_HUMAN (Q9UP95) Solute carrier family 12 member 4 (Electroneutral potassium-chloride cotransporter 1) (Erythroid K-Cl cotransporter 1) (hKCC1) [MASS=120649]	0.00	5.44	0.90	0.00	1	3	3	RAAEAPSM[147]GTLMGVYLPC[330]LQNIFGVILFLR	1
							3	GFC[339]QVVVASKVR	1
							3	MRIFTVAQMDDNSIQM[147]K	1
S27A1_HUMAN (Q6PCB7) Long-chain fatty acid transport protein 1 (EC 6.2.1.-) (Fatty acid transport protein 1) (FATP-1) (Solute carrier family 27 member 1) [MASS=71108]	*	3.41	*	*	*	1	2	YNC[330]TVVQYIGEIC[330]RYLLKQPVR	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	0.00	4.20	1.00	0.00	1	2	2	M[147]LLGASLVGVLLFSKLVLK	1
							2	HLPSC[339]PDK	1
S3TC2_HUMAN (Q8TF17) SH3 domain and tetratricopeptide repeats-containing protein 2 [MASS=144776]	0.00	4.04	0.76	0.00	1	3	2	LWALENEDQEV	1
							3	KSHMTWAHARLC[330]FLLGR	1
							2	LTELQISLEGYEKALEFATLAAR	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	7.89	1.07	0.05	3	3	2	THFFLNAGNLC[330]NLNYGEGPK	1
							2	THFFLNAGNLC[339]NLNYGEGPK	1
							2	KLAEC[339]IR	1
							2	EKLLRLGIFR	1
SAMD4_HUMAN (Q9UPU9) Sterile alpha motif domain-containing protein 4 [MASS=58610]	*	4.54	*	*	*	1	2	QNLWFANPGGSNSMPSRTHSSVQR	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	7.63	2.22	0.06	3	2	3	QC[339]DQFVAEYEPVLIEILVEVM[147]DPSFVC[339]LK	1
							2	GC[339]SFLPDOPYQK	2
SATB2_HUMAN (Q9UPW6) DNA-binding protein SATB2 (Special AT-rich sequence-binding protein 2) [MASS=82555]	*	4.37	*	*	*	1	3	PNGAVAKAVGGLMIPVFC[339]VVEQLDGSLEYDNR	1

SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	2.07	0.42	0.08	3	1	2	C[339]IEENNGVDKR	2
							2	C[330]IEENNGVDKR	1
SC11A_HUMAN (Q9UI33) Sodium channel protein type 11 subunit alpha (Sodium channel protein type XI subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.9) (Sensory neuron sodium channel 2) (Peripheral nerve sodium channel 5) (hNaN) [MASS=204947]	*	1.17	*	*	*	1	2	NVAAEIEAKEKMFQEAQQLK	1
SC5A1_HUMAN (P13866) Sodium/glucose cotransporter 1 (Na+)/glucose cotransporter 1) (High affinity sodium-glucose cotransporter) [MASS=73498]	*	3.16	*	*	*	1	2	VGC[330]TNIAYPTLVVELM[147]PNGLR	1
SC5A3_HUMAN (P53794) Sodium/myo-inositol cotransporter (Na+)/myo-inositol cotransporter) [MASS=79693]	*	6.13	*	*	*	2	3	M[147]RAVLDTADIAIVALYFILVM[147]C[339]IGFFAMWK	1
							2	AGC[330]SNIAYPRLVM[147]K	1
SC6A5_HUMAN (Q9Y345) Sodium- and chloride-dependent glycine transporter 2 (GlyT2) (GlyT-2) (Solute carrier family 6 member 5) [MASS=87359]	0.00	1.63	2.34	0.00	1	1	3	AC[339]EAERPGVGSC[339]K	1
SCAR3_HUMAN (Q6AZY7) Scavenger receptor class A member 3 (Cellular stress response gene protein) [MASS=65136]	0.00	5.12	1.02	0.00	1	1	3	SAGGDGDALC[339]VTEEDLAGDDEDMPTFPC[339]TQK	1
SCN8A_HUMAN (Q9UQD0) Sodium channel protein type 8 subunit alpha (Sodium channel protein type VIII subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.6) [MASS=225279]	*	0.91	*	*	*	1	3	C[339]C[339]QVNIEEGLGKSWWILR	1
SCOT2_HUMAN (Q9BYC2) Succinyl-CoA:3-ketoacid-coenzyme A transferase 2, mitochondrial precursor (EC 2.8.3.5) (Testis-specific succinyl CoA:3-oxoacid CoA-transferase) (SCOT-t) [MASS=56140]	0.00	14.12	0.35	0.00	1	3	3	IRAGGAGVPAFYTPPTGYGTLVQEGGAPIR	1
							2	C[330]VDRIITEKAVFDVHR	1
							3	GGHIQLTM[147]LGAMQVSKYGDLANWM[147]IPGK	1

SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	12.31	1.42	0.04	6	4	3	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	2
							1	GEKYEK	1
							2	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	1
							3	ETVTILPGASFFSDESfam[147]IR	1
							2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	2
SCRBI_HUMAN (Q8WTV0) Scavenger receptor class B member 1 (SRB1) (SR-BI) (CD36 antigen-like 1) (CD36 and LIMPII analogous 1) (CLA-1) (Collagen type I receptor, thrombospondin receptor-like 1) [MASS=60878]	*	5.62	*	*	*	1	2	NFNLPM[147]C[339]K	1
							3	ARWAAGALGVAGLLC[339]AVLGAVMIVMVPSLIK	1
SCYB7_HUMAN (P02775) Platelet basic protein precursor (PBP) (Small inducible cytokine B7) (CXCL7) (Leukocyte-derived growth factor) (LDGF) (Macrophage-derived growth factor) (MDGF) [Contains: Connective tissue-activating peptide III (CTAP-III) (Low-affin [MASS=13894]	0.00	17.97	1.67	0.00	1	1	3	C[339]M[147]C[339]IKTTSGIHPKNIQSLEVIGK	1
SELO_HUMAN (Q9BVL4) Selenoprotein O [MASS=73442]	0.00	1.20	1.11	0.00	1	1	2	C[330]SPSPAPR	1
SEM4G_HUMAN (Q9NTN9) Semaphorin-4G precursor [MASS=91496]	0.00	4.53	2.20	0.00	1	2	2	C[339]SPSPAPR	1
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	*	0.73	*	*	*	1	2	GDDVLLPC[339]DQPSNLAR	1
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	0.61	2.98	0.72	0.00	1	1	2	PSRELDATPRM[147]TIPYEELSGTR	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	11.44	0.79	0.07	3	3	2	REPLRSLR	1
							2	ADTLTPEEC[330]QQFKK	1
							3	M[147]EMEMEQVFEM[147]K	1
							2	ADTLTPEEC[339]QQFKK	1
SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	*	3.95	*	*	*	1	2	VQC[330]C[330]LYFIAPSGHGLKPLDIEFM[147]K	1
SETBP_HUMAN (Q9Y6X0) SET-binding protein (SEB) [MASS=169631]	*	2.98	*	*	*	3	3	LQVVGragtGVdNVdLEAATR	1
							3	TMPNLQPISALPTKTQK	1
							3	EKQKHQHSEAGHK	1
							2	KGSAGNTWSQLSNNNK	1

SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	0.00	5.53	0.68	0.00	1	7	3	YPYLLHERVNELC[339]VEALC[339]R	1
							2	NDIQDLHEYHSGYVHK	1
							3	MEQANC[339]SFQVFDKHPGIYFLVHPNEMVR	1
							2	SDYNC[339]TGGTEVLANSNRK	1
							2	ENDLVFLAPERINEEK	1
							3	C[330]LAPIANTTNGQGC[339]TDYVSEVVK	1
							3	DLMTVPESRDEEM[147]SNSTSVIYSNLTR	1
SFR14_HUMAN (Q8IX01) Putative splicing factor, arginine/serine-rich 14 (Arginine/serine-rich-splicing factor 14) [MASS=120236]	0.00	2.40	1.22	0.00	1	2	2	MLASFKC[330]SLK	1
							2	C[339]SLKPEHRDFC[339]FFTIK	1
SFRP2_HUMAN (Q96HF1) Secreted frizzled-related protein 2 precursor (sFRP-2) (Secreted apoptosis-related protein 1) (SARP-1) (Frizzled-related protein 2) (FRP-2) [MASS=33490]	0.00	7.46	1.16	0.00	1	1	3	SNC[330]KPIPANLQLC[330]HGIEYQNM[147]R	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.67	10.59	1.11	0.00	1	2	2	FVPFAAVAAANC[330]INIPLM[147]R	1
							3	QGIVPPGLTENELWR	1
SGOL2_HUMAN (Q562F6) Shugoshin-like 2 (Tripin) [MASS=144738]	*	1.66	*	*	*	2	2	LNVSLASKIK	1
							2	TQKQSTTTLNK	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	1.00	6.76	0.45	0.59	8	2	3	ATPQHTVSFTC[330]ESHGFSPR	2
							2	ATPQHTVSFTC[339]ESHGFSPR	1
							3	LTC[330]QVEHDGQPAVSK	1
							2	LTC[339]QVEHDGQPAVSK	2
							2	LTC[330]QVEHDGQPAVSK	2
SI1L1_HUMAN (O43166) Signal-induced proliferation-associated 1-like protein 1 (High-risk human papilloma viruses E6 oncoproteins targeted protein 1) (E6-targeted protein 1) [MASS=199940]	0.00	2.77	0.64	0.00	1	3	2	VVIIPPHDDC[330]TPRR	1
							3	AANIPRSISSDGRPLER	1
							3	TLDESIYNSQREHFFTSTR	1
SIM2_HUMAN (Q14190) Single-minded homolog 2 [MASS=73218]	0.00	3.00	2.57	0.00	1	1	2	SSRPHC[339]IVSVNYVLTEIEYK	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.00	8.29	0.37	0.00	1	2	3	GLQLTWLENGNVSR	3
							2	ATPEHTVSFTC[330]ESHGFSPR	1

SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	*	3.00	*	*	*	3	1 3 2	C[339]EEGQEEGGC[339]LPR LTKIPERIPQSTAELR SLNSLVLYGNKITDLPR	1 1 1
SLIT3_HUMAN (O75094) Slit homolog 3 protein precursor (Slit-3) (Multiple epidermal growth factor-like domains 5) [MASS=167685]	0.00	0.85	0.38	0.00	1	1	2	LC[330]ETDNDDC[330]VAHK	1
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	0.00	1.95	9.78	0.00	1	2	3 2	FLIC[330]MLHKM[147]GFDR GYEYC[339]R	1 2
SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	0.00	3.16	0.12	0.48	4	1	2	RLC[330]GLKVEVDM[147]EK	6
SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]	0.45	2.30	0.75	0.00	1	1	2	SYESM[147]C[330]EYQR	1
SMOO_HUMAN (P53814) Smoothelin [MASS=99516]	0.00	3.71	0.83	0.00	1	1	3	LQDGTPQAALSPLTPRKAPGPLPHQHHP C[339]VLLQR	1
SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	*	2.58	*	*	*	1	3	AGPSYSM[147]PVHAAVQM[147]TTEQLKTEFDK	1
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	*	1.27	*	*	*	1	3	QNFHMEQLKYAELR	1

SMYD3_HUMAN (Q9H7B4) SET and MYND domain-containing protein 3 (EC 2.1.1.43) (Zinc finger MYND domain-containing protein 1) [MASS=49083]	*	8.64	*	*	*	2	2	MEPLKVEKFATANR	1
							2	DIEVGEELTIC[330]YLDM[147]LM[147]TSEERR	1
SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	*	5.10	*	*	*	2	2	FQEKDYTGAAVLYSK	1
							3	M[147]AAGPRWEAFC[339]C[339]NSC[339]GAPMQGDDVLR	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	7.72	1.03	0.00	2	2	2	AALC[339]HFIVDELNAK	1
							2	VKASHSFLR	1
							2	AALC[330]HFIVDELNAK	1
SNTB2_HUMAN (Q13425) Beta-2-syntrophin (59 kDa dystrophin-associated protein A1 basic component 2) (Syntrophin 3) (SNT3) (Syntrophin-like) (SNTL) [MASS=57949]	0.00	8.33	0.29	0.00	1	3	3	M[147]RVAAATAAAGAGPAMAVWTRATK	1
							2	DLLLYDC[330]MPWTR	1
							1	AGLVELLR	1
SNX23_HUMAN (Q96L93) Kinesin-like motor protein C20orf23 (Sorting nexin-23) [MASS=152010]	*	3.49	*	*	*	3	2	GEVQWVEEEK	1
							2	RQEEETFLRVQEELQR	1
							3	LQDLHRVISEGC[330]STSADTMK	1
SO5A1_HUMAN (Q9H2Y9) Solute carrier organic anion transporter family member 5A1 (Solute carrier family 21 member 15) (Organic anion transporter polypeptide-related protein 4) (OATP-RP4) (OATPRP4) [MASS=91878]	0.00	3.30	0.76	0.00	1	1	3	SSESGLLVSC[330]FDIGNLVVVVFVSFYGGR	1
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	1.00	25.49	0.78	0.00	2	2	3	GLTEGLHGFHVHEFGDNTAGC[330]TSAGPHFNPLSR	1
							3	GLTEGLHGFHVHEFGDNTAGC[339]TSAGPHFNPLSR	1
							1	VWGSIK	2
SOM2_HUMAN (P01242) Growth hormone variant precursor (GH-V) (Placenta-specific growth hormone) (Growth hormone 2) [MASS=24999]	0.00	11.06	*	*	*	1	3	TGQIFNQSYSKFDTKSHNDDALLK	1
							2	TGQIFNQSYSKFDTKSHNDDALLK	1
SON_HUMAN (P18583) SON protein (SON3) (Negative regulatory element-binding protein) (NRE-binding protein) (DBP-5) (Bax antagonist selected in saccharomyces 1) (BASS1) [MASS=263845]	*	0.33	*	*	*	1	2	DDYEIVFK	1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.00	20.20	0.69	0.00	1	2	3	PFNLETC[339]RLM[147]VSMLDRDMSGTMGFNEFK	1
							2	ITFDDYIAC[330]C[330]VK	1

SORT_HUMAN (Q99523) Sortilin precursor (Neurotensin receptor 3) (NTR3) (NT3) (Glycoprotein 95) (Gp95) (100 kDa NT receptor) [MASS=92067]	0.48	1.08	1.03	0.00	1	1	2	C[330]QGGVNPVR	1
SPAG1_HUMAN (Q07617) Sperm-associated antigen 1 (Infertility-related sperm protein Spag-1) (HSD-3.8) [MASS=103600]	0.00	1.40	0.13	0.00	1	1	2	AAQPC[330]VMGNIQKK	1
SPAG6_HUMAN (O75602) Sperm-associated antigen 6 (PF16 protein homolog) (Sperm flagellar protein) (Repro-SA-1) [MASS=55476]	0.00	9.04	1.92	0.00	1	2	3	HNAELSQAVVDAGAVPLLVLVC[339]IQEPEIALKR	1
							2	MSQRQVLQVFEQYQK	1
SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	*	4.93	*	*	*	1	2	ATNHLDQVPSMQDGSESEFFFR	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	0.00	10.71	2.02	0.00	1	3	2	ELQPSIIFIDEVDSLLC[339]ER	1
							2	MTDGYSGLTALAKDAALGPIR	1
							2	GIEELEKGIIVITGQGEQC[339]ERAR	1
SPP24_HUMAN (Q13103) Secreted phosphoprotein 24 precursor (Spp-24) (Secreted phosphoprotein 2) [MASS=24338]	0.80	12.32	0.40	0.00	1	1	3	DYYVSTAVC[330]RSTVKVSAQQVQGVHAR	1
SPSY_HUMAN (P52788) Spermine synthase (EC 2.5.1.22) (Spermidine aminopropyltransferase) (SPMSY) [MASS=41268]	0.00	8.74	*	*	*	2	2	LKPKM[147]VTM[147]VEIDQM[147]VIDGC[330]K	1
							3	LPPIVRGGIDR	1
SPT5H_HUMAN (O00267) Transcription elongation factor SPT5 (hSPT5) (DRB sensitivity-inducing factor large subunit) (DSIF large subunit) (DSIF p160) (Tat-cotransactivator 1 protein) (Tat-CT1 protein) [MASS=120999]	0.00	5.43	0.10	0.00	1	3	2	LQNLWRDQREEELGEYYMK	1
							3	ISSPMHPSAGGQRRGGFGSPGGSGGM[147]SR	1
							3	KLVENGGM[147]FVC[330]K	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	0.00	4.45	0.59	0.00	1	6	3	RLEAELAAHEPAIQGVLDTGKK	1
							3	LQQSHPLSATQIQVKR	1
							3	EANKQQNFNTGIK	1
							3	REELITNWEQIR	1
							2	TYLLDGSC[330]M[147]VEESGTLESQLEATK	1
							2	EKEPIVGSTDYGKDEDSAEALLK	1

SPTA3_HUMAN (Q8NHX4) Spermatogenesis-associated protein 3 (Testis spermatocyte apoptosis-related protein 1) (Testis and spermatogenesis cell-related protein 1) [MASS=19949]	0.00	10.93	2.43	0.00	1	1	2	RSSC[339]C[339]LLSPDANVKAAPQSR	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	*	4.54	*	*	*	5	3	LQTAYAGEKAEAIQNKEQEVSAAWQALLDAC[339]AGR	1
							1	SDDPGK	1
							3	AWLQDAHRLLSGEDVGQDEGATR	1
							2	VLSPVDSGNKLVAEGNLYSDK	1
							2	GKM[147]RIHC[339]LENVDK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	*	1.78	*	*	*	2	3	IEKEGM[147]QLISEKPETEAVVK	1
							2	DVSSVELLMNNHQGIKAEIDAR	1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	*	5.40	*	*	*	6	2	QLVSEGNIHADK	1
							3	LEDALRAQQFYRDAAEAWEWMGEQELHMM[147]GQEK	1
							2	LWIDEKMLTAQDVSYDEAR	1
							3	ADRFSSC[339]IDMGK	1
							3	AVRELMLWMDEVNLQM[147]DAQERPR	1
							3	VVNAIATASSASGEPEEPVVPSTTRGM[147]TR	1
SPYA_HUMAN (P21549) Serine--pyruvate aminotransferase (EC 2.6.1.51) (SPT) (Alanine--glyoxylate aminotransferase) (EC 2.6.1.44) (AGT) [MASS=43010]	0.00	5.10	0.98	0.00	1	1	2	C[339]LLLVDVSVASLGGTPLYMDR	1
SQRD_HUMAN (Q9Y6N5) Sulfide:quinone oxidoreductase, mitochondrial precursor (EC 1.-.-) [MASS=49960]	*	3.11	*	*	*	1	3	ADLMPFLYWNMM[147]LR	1
SRC_HUMAN (P12931) Proto-oncogene tyrosine-protein kinase Src (EC 2.7.10.2) (p60-Src) (c-Src) (pp60c-src) [MASS=59703]	*	4.49	*	*	*	1	3	GYRMPC[330]PPEC[339]PESLHDLM[147]C[339]QC[339]WRK	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	5.79	1.46	0.05	3	1	3	NFFEPTLLC[339]NVTQDMLC[339]THEETFGPLAPVIK	2
							3	NFFEPTLLC[339]NVTQDMLC[330]THEETFGPLAPVIK	1
							3	NFFEPTLLC[339]NVTQDM[147]LC[339]THEETFGPLAPVIK	1
ST18_HUMAN (O60284) Suppression of tumorigenicity protein 18 (Zinc finger protein 387) [MASS=115154]	0.00	2.10	0.93	0.00	1	2	2	GC[339]VFHNTYK	1
							3	TASGC[339]PLAAKRQK	1

ST1B1_HUMAN (O43704) Sulfotransferase family cytosolic 1B member 1 (EC 2.8.2.-) (Sulfotransferase 1B2) (Thyroid hormone sulfotransferase) [MASS=34899]	0.00	12.50	0.77	0.00	1	2	3 2	THLPTDLLPKSFWENNC[330]K RGFITEKVPM[147]LEM[147]TLPGLR	1 1
STAB2_HUMAN (Q8WWQ8) Stabilin-2 precursor (FEEL-2 protein) (Fasciclin EGF-like laminin-type EGF-like and link domain-containing scavenger receptor 1) (FAS1 EGF-like and X-link domain-containing adhesion molecule 2) (Hyaluronan receptor for endocytosis) [MASS=277027]	*	1.25	*	*	*	2	3 2	SDNPC[330]HRNANC[339]TTVAPGR TYSLSLPGC[339]RHIC[339]R	1 1
STAG2_HUMAN (Q8N3U4) Cohesin subunit SA-2 (Stromal antigen 2) (SCC3 homolog 2) [MASS=141326]	0.00	14.05	1.80	0.00	1	9	3 3 2 2 2 3 3 3 2	RDPEEDGM[147]M[147]K LMTALVNVALNLSINMDNTQR YYNDYGDIKETM[147]SK TQLDDRTKITELFAVALPQLLAK YVGWTMHDKQGEVRLK M[147]NGHHQQNGVENMMLFEVVKMGK ITELFAVALPQLLAKYSVDAEK LIVYTVVEMNTAADIFKQYMKYYNDYGDIK SSFC[339]EFIGVLVR	1 1 1 1 1 1 1 1 1
STAR8_HUMAN (Q92502) StAR-related lipid transfer protein 8 (StARD8) (START domain-containing protein 8) [MASS=112600]	*	2.35	*	*	*	2	2 3	ERRDSGVGASLTR APDGHPLRLWK	1 1
STE2A2_HUMAN (Q8NFT2) Six-transmembrane epithelial antigen of prostate 2 (SixTransMembrane protein of prostate 1) (Prostate cancer-associated protein 1) [MASS=55993]	0.00	9.59	3.39	0.00	1	3	3 3 1	QLGLLSFFFAMVHVAYS LC[339]LPM[147]R SLSETC[339]LPNGINGIKDARK KGWEK	1 1 1
STK4_HUMAN (Q13043) Serine/threonine-protein kinase 4 (EC 2.7.11.1) (STE20-like kinase MST1) (MST-1) (Mammalian STE20-like protein kinase 1) (Serine/threonine-protein kinase Krs-2) [MASS=55630]	0.00	3.08	0.75	0.00	1	1	2	EISIMQQC[330]DSPHVVK	1
STRN3_HUMAN (Q13033) Striatin-3 (Cell-cycle autoantigen SG2NA) (S/G2 antigen) [MASS=87133]	0.00	1.63	0.31	0.00	1	1	2	NQLLSC[330]SADGTVR	1
STRN_HUMAN (O43815) Striatin [MASS=86144]	0.00	3.72	0.66	0.00	1	2	2 2	KALPDSGEDR EDQC[330]LM[147]PEAWNVDQGVITK	1 1

STS2_HUMAN (P57075) Suppressor of T-cell receptor signaling 2 (STS-2) (Cbl-interacting protein 4) (CLIP4) (T-cell ubiquitin ligand) (TULA) [MASS=74122]	0.00	1.82	1.49	0.00	1	1	3	AWLQQC[339]STPDGK	1
STS_HUMAN (P08842) Steryl-sulfatase precursor (EC 3.1.6.2) (Steroid sulfatase) (Steryl-sulfate sulfohydrolase) (Arylsulfatase C) (ASC) [MASS=65492]	0.66	2.57	0.52	0.00	1	1	2	DC[330]KPGEGSVFTTGFK	1
STX11_HUMAN (O75558) Syntaxin-11 [MASS=33196]	*	5.92	*	*	*	1	2	AMHDYNQAEM[147]KQRDNC[339]K	1
							2	YSTHLHLAEDC[330]M[147]K	2
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	9.76	0.52	0.17	7	4	2	VEQDLAMGTDAEGEK	1
							3	YSTHLHLAEDC[330]M[147]K	1
							2	YSTHLHLAEDC[330]MK	1
							2	YSTHLHLAEDC[339]M[147]K	2
							2	HYQGTVDKLC[330]R	1
							2	M[147]TDIM[147]TEGITIVEDINKRR	1
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	0.47	15.62	1.48	0.00	1	3	2	LIGPNC[339]PGVINPGEC[339]K	1
							3	LIGPNC[330]PGVINPGEC[339]KIGIM[147]PGHIHK	1
							2	IGIMPGHIHK	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.95	15.55	3.12	0.00	1	3	2	MAASM[147]FYGR	1
							3	LHGGTPANFLDVGGGATVHQVTEAFKLITSDKK	1
							3	ANLNYIGLDGNIGC[330]LVNGAGLAM[147]ATM[147]DIIK	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	*	8.18	*	*	*	1	3	LC[330]LISTFLEDGIRM[147]WFQWSEQR	1
SV2A_HUMAN (Q7L0J3) Synaptic vesicle glycoprotein 2A [MASS=82695]	*	4.45	*	*	*	1	3	DM[147]C[330]LSDSNKGMLGLIVYLGM[147]M[147]VGAFLWGGLADR	1

							3	SPVEMDEDFDVIFDPYAPKLTSSVAEHK	1
							3	SQAWQPLVEGSENKGMREYGETESK	1
							2	REEEEENVQSEWRLYC[339]VR	1
							3	VQASKNPLKM[147]LAAR	6
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	0.00	4.70	1.22	0.00	1	5			
							2	SRVERSAEGPGLPTGVER	1
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	*	3.00	*	*	*	2	3	MHSPQTSAM[147]LFTVDNEAGK	1
							2	GLEVTDDSPK	1
SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl- tRNA synthetase (EC 6.1.1.17) (Glutamate-- tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	1.00	11.04	1.47	0.00	1	7	3	ASEDLKTHM[147]VVANTMEDFQKILDSGK	1
							3	VFIEGADAETFSEGEMVTFINWGNLNITKIHK	1
							3	EAPC[330]VLIYIPDGHTKEMPTSGSK	1
							3	MFEIVFEDPKIPGEKQFAYQNSWGLTTR	1
							3	NQGGGLSSSGAGEGQGP	1
							3	YNVYPTYDFAC[339]PIVDSIEGVTHALR	1
							2	SLC[339]IPFK	1
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	1.00	10.19	1.19	0.23	2	4	2	LHQNIC[339]R	1
							2	TIAANRKM[147]PLPLK	1
							2	VMPDGKIQK	1
							3	IVLDIIVTMFSEYC[330]ENQFTVEAAEVVFPNGK	1
SYGP1_HUMAN (Q96PV0) Ras GTPase- activating protein SynGAP (Synaptic Ras- GTPase-activating protein 1) (Synaptic Ras- GAP 1) (Neuronal RasGAP) [MASS=146675]	0.97	6.17	1.04	0.00	1	4	1	GLNSSMDM[147]AR	1
							3	PQPVVLRGPSAEMQGYMM[147]RDLNSSIDLQSFM[147]AR	1
							2	VVNSHC[330]VFPR	1
							3	PGWNP RFC[330]IISGNQLMLDEDEIHPLLIR	1
SYHH_HUMAN (P49590) Histidyl-tRNA synthetase homolog (EC 6.1.1.21) (Histidine-- tRNA ligase homolog) (HisRS) [MASS=56888]	0.00	14.43	1.09	0.00	1	3	2	GM[147]DTPAFELKETLTEKYGEDSGLMYDLK	1
							3	LLTQLHYC[339]ESTGIPLVVIIEQELKEGVIK	1
							2	YDLTVPFARYLAMNK	1
SYM_HUMAN (P56192) Methionyl-tRNA synthetase (EC 6.1.1.10) (Methionine--tRNA ligase) (MetRS) [MASS=101115]	*	4.78	*	*	*	2	3	PQQIQALMDEVTKQGNIVR	1
							3	ITQDIFQQLLKRGFVLQDTVEQLR	1

SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	*	1.74	*	*	*	10	3	AFQQEISLNHNK	1
							2	ELFMEVKQYQAQADEMDR	1
							3	QADIVTFPEINLMNESSELHTQLAK	1
							2	HSELELNIAQNM[147]VSQVK	1
							3	HFSESMQEFQEWFLGAK	1
							3	LLDPEDVDVDK	1
							2	TAAFPSSSGVIYTVAKEELK	1
							2	QWQRYREM[147]AEK	1
							2	DKTTMLGK	1
							3	GQM[147]LKFSSM[147]APDLDR	1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	5.75	0.57	0.14	7	2	2	LHQVYFDAPTC[339]R	2
							3	LHQVYFDAPTC[330]R	1
							1	LHQVYFDAPTC[339]R	1
							2	LHQVYFDAPTC[330]R	2
SYT11_HUMAN (Q9BT88) Synaptotagmin-11 (Synaptotagmin XI) (SytXI) [MASS=48306]	0.00	3.25	0.73	0.00	1	1	2	EM[147]PVC[330]R	1
							2	GPSSGSC[330]IDQLPIK	1
SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (SytI) (p65) [MASS=47573]	*	2.61	*	*	*	1	2	FSKHDIIIEFK	1
SYT7_HUMAN (O43581) Synaptotagmin-7 (Synaptotagmin VII) (SytVII) [MASS=45567]	0.27	9.95	0.55	0.00	1	3	3	NLKAM[147]DIGGTSDPYVK	1
							2	NDVIGKIYLSWK	1
							2	DLKPC[330]SDGSGSR	1
SYV_HUMAN (P26640) Valyl-tRNA synthetase (EC 6.1.1.9) (Valine--tRNA ligase) (ValRS) (Protein G7a) [MASS=140475]	*	1.27	*	*	*	1	3	DPGVITYDLPTPPGEK	1
TAAR8_HUMAN (Q969N4) Trace amine-associated receptor 8 (Trace amine receptor 5) (TaR-5) (G-protein coupled receptor 102) [MASS=38029]	0.40	9.06	0.88	0.00	1	1	3	QLHSPTNFLIASLAC[330]ADFLVGVTVMFLFSMVR	1
TAB3_HUMAN (Q8N5C8) Mitogen-activated protein kinase kinase kinase 7-interacting protein 3 (TAK1-binding protein 3) (NF-kappa-B-activating protein 1) [MASS=78652]	*	2.53	*	*	*	1	3	NQHSLYTATTPSSSPSR	1
TAD2L_HUMAN (O75478) Transcriptional adapter 2-like (ADA2-like protein) [MASS=51496]	0.00	5.42	2.03	0.00	1	1	3	LVPGAYLEYKSALLNEC[339]NKQGGLR	1

TAF3_HUMAN (Q5VWG9) Transcription initiation factor TFIID subunit 3 (TBP-associated factor 3) (Transcription initiation factor TFIID 140 kDa subunit) (140 kDa TATA box-binding protein-associated factor) (TAF140) (TAFII140) [MASS=103581]	*	4.74	*	*	*	2	3	LLSTKGDTLDVVLLEAREPLSSINTQK	1
							2	SQM[147]PTAKPLETKSFTPK	1
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	*	2.63	*	*	*	1	2	LRDQGSTMILYKAIQGILGK	1
TAU_HUMAN (P10636) Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	*	7.13	*	*	*	3	2	TDHGAEIVYKSPVVS GDTSPR	1
							2	QEFEVM[147]EDHAGTYGLGDR	1
							3	VAVVRTPPKSPSSAK	1
							2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
							2	YMAC[339]C[339]LLYR	1
							3	LSDQC[330]TGLQGFLVFHSFGGGTSGGFTSLLMER	1
							2	YM[147]AC[339]C[339]LLYR	3
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	14.51	0.82	0.06	5	3	2	AYHEQLSVAEITNAC[330]FEPANQMVK	1
							3	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
							2	YM[147]AC[330]C[330]LLYR	2
							3	LSDQC[330]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	4
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	4.00	*	*	*	1	3	GDVVPKDVNAAIATIKTK	1
							3	LADQC[330]TGLQGFLVFHSFGGGTSGGFTSLLMER	3
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.02	0.06	8	1	3	LADQC[339]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	4
							3	LADQC[330]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	2

								3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
								2	NM[147]MAAC[330]DPR	1
								2	LTTPTYGDLNHLVSATMSGVTTC[330]LR	1
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
								2	NMM[147]AAC[330]DPR	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
								2	NM[147]M[147]AAC[330]DPR	4
								2	NMM[147]AAC[339]DPR	1
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	24.27	*	*	*		5	2	TAVC[330]DIPPR	3
								3	EAESC[339]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
								2	TAVC[339]DIPPR	3
								2	NM[147]M[147]AAC[339]DPR	3
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
								2	EIVHIQAGQC[339]GNQIGAK	3
								2	EIVHIQAGQC[330]GNQIGAK	4
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.86	0.19	35		2	3	EIVHIQAGQC[339]GNQIGAK	1
								3	M[147]REIVHIQAGQC[330]GNQIGAK	1
								3	EIVHIQAGQC[330]GNQIGAK	1
								2	MREIVHIQAGQC[330]GNQIGAK	1
TBCD2_HUMAN (Q9BYX2) TBC1 domain family member 2 (Prostate antigen recognized and identified by SEREX) (PARIS-1) [MASS=104165]	*	1.85	*	*	*		1	3	AKRQNNTFPFFSEGITR	1

TBCD4_HUMAN (O60343) TBC1 domain family member 4 (Akt substrate of 160 kDa) (AS160) [MASS=146562]	0.00	4.01	1.10	0.00	1	3	3	C[339]SSVTGVQRR	1
							3	LWYVGGSC[339]LDHRTTLPMLPWLM[147]AEIRR	1
							3	ATDPSQVPDVISSIR	1
TBCD5_HUMAN (Q92609) TBC1 domain family member 5 [MASS=89004]	0.00	1.51	1.01	0.00	1	1	2	QASSETPGC[330]TDR	1
TBCD8_HUMAN (O95759) TBC1 domain family member 8 (Vascular Rab-GAP/TBC-containing protein) (AD 3) [MASS=102676]	*	1.34	*	*	*	1	2	EHMM[147]SC[330]YWEQPR	1
TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	0.00	6.43	0.26	0.00	1	5	3	HKSASNGSKTDTEEEEEQQQQK	1
							3	ILQLM[147]PQLSPTSPMMPSPNSHAAGFKGFGLEGVPEK	1
							2	RHRSEDC[339]GGGPR	1
							2	KQQQPPPPPPQPPQIPEGSADGEPK	1
							3	FEIEPQSSAHEPGGSLSERRSVIC[330]DISPLR	1
TCGAP_HUMAN (O14559) TC10/CDC42 GTPase-activating protein (Sorting nexin-26) [MASS=137212]	0.25	2.41	0.88	0.00	1	2	3	C[330]IFDRRFSC[330]LPELPPPPEGAR	1
							2	SLAGSC[330]PSTR	1
TCPH_HUMAN (Q99832) T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) [MASS=59366]	0.72	8.66	1.74	0.19	2	2	2	INALTAASEAAC[339]LIVSVDETIK	1
							3	INALTAASEAAC[330]LIVSVDETIKNPR	1
TCPQ_HUMAN (P50990) T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) (NY-REN-15 antigen) [MASS=59489]	*	3.47	*	*	*	1	2	VDQIIM[147]AKPAGGPKPPSGK	1
TDG_HUMAN (Q13569) G/T mismatch-specific thymine DNA glycosylase (EC 3.2.2.-) [MASS=46053]	0.59	5.61	0.65	0.00	1	1	2	C[330]LFMSGLSEVQLNHMDHTLPGK	1
TDRD6_HUMAN (O60522) Tudor domain-containing protein 6 (Aantigen NY-CO-45) (Fragment) [MASS=85665]	*	1.99	*	*	*	1	2	NRDAISALMPFSLRK	1
TDRKH_HUMAN (Q9Y2W6) Tudor and KH domain-containing protein [MASS=67024]	0.00	2.15	1.18	0.00	1	1	2	VLLISGFVPQVC[339]K	1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.00	1.40	0.57	0.00	1	2	2	ITSQGRYELR	1
							2	QC[330]LNAC[330]SGR	1

							2	TVLVYLTDANADR	1
							2	NQALPFPSNITLM[147]R	1
							1	VGISSR	6
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	*	4.00	*	*	*	6			
							3	LHGHVSAHPDILSLENRC[339]LAM[147]LPDLQPLEK	1
							3	EPGALPSTYRSLVWELQQRLLPK	1
							3	FIAEHGASHLLEHVGQM[147]DK	1
TESK2_HUMAN (Q96S53) Dual specificity testis-specific protein kinase 2 (EC 2.7.12.1) (Testicular protein kinase 2) [MASS=63639]	*	3.85	*	*	*	1	2	ASGQVMALKMNTLSSNRANM[147]LK	1
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	*	2.47	*	*	*	4	3	SM[147]TEGSTVNTEYKNQKNQISEESC[339]LNEK	1
							1	MAHIR	1
							3	ATFKHPRTTGSHPK	1
							3	NYHNIEILSSEEFSTKFNLIC[339]R	1
TEX9_HUMAN (Q8N6V9) Testis-expressed sequence 9 protein [MASS=44826]	*	5.88	*	*	*	2	3	QAASSQSATEVRLNR	1
							1	GELM[147]IGFK	1
TF7L1_HUMAN (Q9HCS4) Transcription factor 7-like 1 (HMG box transcription factor 3) (TCF-3) [MASS=62630]	*	3.40	*	*	*	1	2	VVAEC[339]TLKESAAINQILGRK	1
TF7L2_HUMAN (Q9NQB0) Transcription factor 7-like 2 (HMG box transcription factor 4) (T-cell-specific transcription factor 4) (TCF-4) (hTCF-4) [MASS=67918]	*	4.52	*	*	*	2	1	RQDGGLFK	1
							3	QESSQSDVGSLHSSKHQDSK	1
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	3.36	2.55	0.00	1	1	3	GITTEQLDALGC[339]R	3
THAP7_HUMAN (Q9BT49) THAP domain-containing protein 7 [MASS=34440]	0.00	6.80	0.32	0.00	1	1	3	LDPSGQGLWDPASEYIYFC[330]SK	1
THAS_HUMAN (P24557) Thromboxane-A synthase (EC 5.3.99.5) (TXA synthase) (TXS) (Cytochrome P450 5A1) [MASS=60544]	0.00	20.45	0.17	0.00	1	5	2	MASGLEFKSVADSVLFLR	1
							3	HSASPM[147]GVQDFDIVRDVFSSTGC[339]K	1
							3	QVLVENFSNFTNR	1
							3	HM[147]APEFC[339]SLEEGLPYLDMVIAETLR	1
							3	MEALGFLKLEVNGPM[147]VTVALSVALLALK	1

THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	4.92	1.67	0.00	3	2	2	IHMGSC[339]AENTAK	1
							2	IHM[147]GSC[339]AENTAK	1
							2	IHM[147]GSC[330]AENTAK	1
							2	EVVIVSATR	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.99	18.63	0.48	0.13	2	2	3	KHVLFGTVGVPEHTYR	1
							2	VTSLTAC[330]LVDQSLR	2
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	0.50	7.78	1.13	0.00	1	1	2	MTSAC[339]HR	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.00	17.98	1.51	0.00	1	1	3	EVKPEETTC[330]SEHC[330]LQK	1
TKT_HUMAN (P29401) Transketolase (EC 2.2.1.1) (TK) [MASS=67877]	*	6.90	*	*	*	2	3	RC[339]EAFGWHAIIVDGHVSVEELC[330]K	1
							2	C[339]EAFGWHAIIVDGHVSVEELC[330]K	1
							2	M[147]VALSLKIC[339]VRHC[330]NVVK	1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	*	4.41	*	*	*	5	2	LLAALM[147]DDEVGSGEDLLR	1
							3	DVAKALSDLISATKGAASK	1
							3	SASAAQRELVAQGVKSIPANAADDGQWSQGLISAAR	1
							2	GVKLLAALM[147]DDEVGSGEDLLR	1
TLR4_HUMAN (O00206) Toll-like receptor 4 precursor (hToll) (CD284 antigen) [MASS=95679]	*	2.62	*	*	*	1	2	MM[147]SASRLAGTLIPAMAFLSC[339]VR	1
TMED9_HUMAN (Q9BVK6) Transmembrane emp24 domain-containing protein 9 precursor (Glycoprotein 25L2) [MASS=25105]	0.34	16.36	2.71	0.15	2	2	3	EEYQPATPGLGMFVEVK	1
							2	KC[339]FIEEIPDETM[147]VIGNYR	2
TMEM8_HUMAN (Q9HCN3) Transmembrane protein 8 precursor (M83 protein) [MASS=84716]	*	3.50	*	*	*	1	3	GM[147]WNMLGPC[339]LFAFVIMASM[147]WAYRC[339]GHR	1
							3	GM[147]WNMLGPC[339]LFAFVIM[147]ASM[147]WAYRC[339]GHR	1
TMM27_HUMAN (Q9HBJ8) Collectrin precursor (Transmembrane protein 27) [MASS=25235]	0.00	14.41	0.60	0.00	1	1	3	NKEPSEVDDAEDKC[330]ENM[147]ITIENGIPSDPLDMK	1
TMM51_HUMAN (Q9NW97) Transmembrane protein 51 [MASS=27759]	0.00	9.88	0.65	0.00	1	1	3	TFSVAYVLVGAGVM[147]LLLLSIC[339]LSIR	1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	*	6.70	*	*	*	4	3	LKGWILEIMSSQPLPMSPSTTRMLATTSPR	1
							2	C[339]VITGWGVSVEGGSM[147]AR	1
							3	PGVYTRITRLK	1
							2	EDFLVKPEVLQK	1

TNI3K_HUMAN (Q59H18) Serine/threonine-protein kinase TNNI3K (EC 2.7.11.1) (TNNI3-interacting kinase) (Cardiac ankyrin repeat kinase) [MASS=104178]	0.48	5.98	1.42	0.06	2	3	3	FLQSLDEDNMTKQPGNLR	1
							2	YGYVSDPMSSMHFHSC[339]R	1
							2	LVQFLLDNGADMNLVAC[339]DPSR	1
TNK1_HUMAN (Q13470) Non-receptor tyrosine protein kinase TNK1 (EC 2.7.10.2) (CD38 negative kinase 1) [MASS=72499]	0.00	11.11	0.25	0.00	1	3	2	SLRVGPEGPM[147]GTELGDFLR	1
							3	KIMEM[147]ELSVHGVTHQEC[330]QTALGATGGDVVSAIR	1
							3	PSFSHLEGLLQEAGPSEAC[330]C[330]VR	1
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	*	5.54	*	*	*	1	2	LPPLPLTLALGAFLNHRKNK	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	*	0.99	*	*	*	1	2	C[339]FALYR	1
TOP3B_HUMAN (O95985) DNA topoisomerase 3-beta-1 (EC 5.99.1.2) (DNA topoisomerase III beta-1) [MASS=96661]	0.00	2.20	0.67	0.00	1	2	2	FM[147]KYIQAK	1
							2	HFIATVSHDC[339]K	1
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	0.00	4.77	0.40	0.00	1	5	3	MVIQGPSSPQGEAMVTDVLEDQKEGRSTNK	1
							2	QDATVQTER	1
							2	DIALGVFDVVVTDPC[330]PASVLK	1
							3	RRSNVSSPATPTASSSSSTTPTR	1
							2	TDVGAGALRR	1
TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Reteplase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	0.00	7.65	1.64	0.00	1	3	2	AQC[339]HSVPVKSC[339]SEPR	1
							3	LTWEYC[339]DVPSC[339]STC[339]GLR	1
							3	RGARSYQVIC[339]R	2
TPP2_HUMAN (P29144) Tripeptidyl-peptidase 2 (EC 3.4.14.10) (Tripeptidyl-peptidase II) (TPP-II) (Tripeptidyl aminopeptidase) [MASS=138218]	*	3.04	*	*	*	2	1	KSSNLTLPK	1
							3	EEEGESPLDSLAEFTWETTKWTDLFDNK	1

							2	SNQDC[339]IINKHHRNR	1
							2	EKPSNC[330]AASTEK	1
							2	LLGKTDVQR	6
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	0.00	14.26	0.88	0.00	1	5			
							3	MTSPSPRIQIISTDSAVASPQR	1
							3	LLFLSM[147]HWARSIPAFQALGQDC[339]NTSLVR	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	0.00	5.51	*	*	*	2	3	KLLHVHFLSAQELGNEEQQEKLRL	2
							3	MDFQRIELAGAVGSK	1
TRBP2_HUMAN (Q15633) TAR RNA-binding protein 2 (Trans-activation-responsive RNA-binding protein) [MASS=39073]	0.00	10.11	0.93	0.00	1	2	2	ILSLRSC[330]SLGSLGALGPAC[339]C[339]R	1
							2	SC[339]SLGSLGALGPAC[339]C[339]R	1
TRI55_HUMAN (Q9BYV6) Tripartite motif-containing protein 55 (Muscle-specific RING finger protein 2) (MuRF2) (MURF-2) (RING finger protein 29) [MASS=60465]	0.00	2.92	1.14	0.00	1	1	2	C[339]ASDIFQASNPYLPTR	1
TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	*	1.25	*	*	*	3	3	VASHWQQLMLKM[147]EDRLK	1
							2	VASHWQQLMLKMEDRLK	1
							2	DFSLRMEK	1
							2	MKAM[147]DVLPLKEK	1
TRPM7_HUMAN (Q96QT4) Transient receptor potential cation channel subfamily M member 7 (EC 2.7.11.1) (Long transient receptor potential channel 7) (LTrpC7) (Channel-kinase 1) [MASS=212696]	*	1.50	*	*	*	2	3	QDETMAMKLLTYELK	1
							2	NFRAKHHC[330]NSC[339]C[339]R	1
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	0.00	4.59	0.67	0.00	1	2	3	NSNPDEVVVPLDSMGNPRC[339]DGHQQGYPRK	1
							2	MYDLLLLKC[339]AR	1

TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SelZ) [MASS=56459]	0.88	2.67	0.54	0.00	1	1	2	ASFVDEHTVC[330]GVAK	1
TSC2_HUMAN (P49815) Tuberin (Tuberous sclerosis 2 protein) [MASS=200748]	0.00	1.88	1.12	0.00	1	2	2 3	M[147]IGQIC[330]EVAKTK NLLGTHLGHSAINMC[339]HLM[147]EDR	1 1
TSH3_HUMAN (Q63HK5) Teashirt homolog 3 (Zinc finger protein 537) [MASS=118565]	*	2.22	*	*	*	1	3	MEASSDGGFRSQENSPSPPRDGC[330]K	1
TSP2_HUMAN (P35442) Thrombospondin-2 precursor [MASS=129955]	*	3.75	*	*	*	3	2 3 3	AC[330]VGDVQERQM[147]C[339]NKR GNQPVGVGLEAAK GTTQIDPNWVIRHQGK	1 1 1
TSSP_HUMAN (Q9NQE7) Thymus-specific serine protease precursor (EC 3.4.-.-) [MASS=55049]	*	9.34	*	*	*	2	2 3	RAVQIVLHSLGQKC[339]LSFSR LGEHIQQFQESSAQGLGLSLGPGAAALPK	1 1
TTC3_HUMAN (P53804) Tetratricopeptide repeat protein 3 (TPR repeat protein 3) (TPR repeat protein D) [MASS=229890]	*	3.06	*	*	*	3	2 2 3	PENYLLYGNRALC[339]FLR DKFPALHSALDEFFDIMDSR NLEFDIC[339]SIWC[339]SKPISVLQDYC[339]DAIK	1 1 1
TTLL2_HUMAN (Q9BWV7) Tubulin--tyrosine ligase-like protein 2 (Testis-specific protein NYD-TSPG) [MASS=67237]	*	8.11	*	*	*	3	2 3 2	QM[147]LGTKHSYWIC[339]K GGLDAPDC[330]LPYDSLSTSR M[147]YNEDDSVVEKAVSVR	1 1 1
TULP1_HUMAN (O00294) Tubby-related protein 1 (Tubby-like protein 1) [MASS=60650]	*	6.27	*	*	*	2	3 3	AKEERAPSPPEVDEPR GSGEADKDPSPASAR	1 1
TXND3_HUMAN (Q8N427) Thioredoxin domain-containing protein 3 (Spermatid-specific thioredoxin-2) (Sptrx-2) (NM23-H8) [MASS=67269]	0.00	5.61	1.00	0.00	1	2	2 2	LLSPDSIRAQFGISKLK GLTVIDVYQAWC[339]GPC[339]R	1 1
TYRO3_HUMAN (Q06418) Tyrosine-protein kinase receptor TYRO3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase RSE) (Tyrosine-protein kinase SKY) (Tyrosine-protein kinase DTK) (Protein-tyrosine kinase byk) [MASS=96905]	0.41	4.61	4.06	0.00	1	2	2 3	IYSGDYRQGC[339]ASKLPVK M[147]LKADIIASSDIEEFLREAAAC[339]M[147]K	1 2
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	*	3.02	*	*	*	2	3 1	LEITMLSQGVSM[147]LYSFFMPAAKLKER SLVLQR	1 1
UBE3C_HUMAN (Q15386) Ubiquitin-protein ligase E3C (EC 6.3.2.-) [MASS=123922]	0.00	5.63	0.27	0.00	1	2	3 3	VPIAKILLENVLKPLHFTYNSC[339]PEGAR TTNEGLLYPNPAAQMLVGDSFARHYFLGRM[147]LGK	1 1

UBE4B_HUMAN (O95155) Ubiquitin conjugation factor E4 B (Ubiquitin-fusion degradation protein 2) (Homozygously deleted in neuroblastoma 1) [MASS=146184]	*	1.15	*	*	*	1	2	M[147]C[339]SQPAVSQLLSNIR	1
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	0.00	4.64	0.83	0.00	1	3	2	PLTSSRSSMEMPSQPAPR	1
							2	FPLPDM[147]LKYVIEFASTK	1
							2	C[330]EVWGENPNPNDWRR	1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	0.00	5.09	0.59	0.49	2	2	2	TGLINLGNTC[330]YM[147]NSVIQALFMATDFRR	1
							3	TGLINLGNTC[330]YM[147]NSVIQALFM[147]ATDFR	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	*	2.80	*	*	*	2	2	LFNIPAERETRLWNK	1
							3	VVEHGLFVKHC[330]K	1
UBP5_HUMAN (P45974) Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) (Deubiquitinating enzyme 5) (Isopeptidase T) [MASS=95786]	1.00	9.79	0.69	0.00	1	3	3	ATNNSLERAVDWIFSHIDDLDAEAAM[147]DISEGR	1
							2	NLGNSC[330]YLN SVVQVLF SIPDFQR	1
							3	DGPGKYQLFAFISHM[147]GTSTMC[330]GHYVC[339]HIK	1
UBR1_HUMAN (Q8I WV7) Ubiquitin-protein ligase E3 component N-recognin-1 (EC 6.-.-.-) (Ubiquitin-protein ligase E3-alpha-1) (Ubiquitin-protein ligase E3-alpha-I) [MASS=200209]	0.00	2.52	6.86	0.00	1	3	2	C[339]PLNEEVIVQAR	1
							2	QHNGLKALMQFAVAQRITC[330]PQVLIQK	1
							1	VPPDER	1
UBR2_HUMAN (Q8I WV8) Ubiquitin-protein ligase E3 component N-recognin-2 (EC 6.-.-.-) (Ubiquitin-protein ligase E3-alpha-2) (Ubiquitin-protein ligase E3-alpha-II) [MASS=200537]	0.00	2.96	0.86	0.00	1	3	3	YRMTTSGGGGFC[339]DC[330]GDTEAWKEGPYC[330]QK	1
							2	RNGFSLVNQIYYYYHNVK	1
							2	YC[330]VSQEK	1

UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	47.53	1.02	0.11	4	5	3	C[339]FEKNEAIQAAHDAVAQEGQC[339]R	1
							2	QTIGNSC[330]GTIGLIHAVANNQDK	1
							3	NEAIQAAHDAVAQEGQC[339]R	1
							3	QTIGNSC[339]GTIGLIHAVANNQDKLGFEDGSVLK	1
							2	VLSRLGVAGQWR	1
							3	C[330]FEKNEAIQAAHDAVAQEGQC[330]R	1
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.99	6.81	0.85	0.00	1	1	2	FLLSGC[330]AATVAELATFPLDLTK	1
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	26.37	1.57	0.04	8	3	2	EQC[330]EQLEK	1
							2	EQC[339]EQLEK	1
							2	ERLELC[330]DER	1
							2	DHC[330]VAHK	1
							2	ERLELC[339]DER	2
							2	DHC[339]VAHK	1
							1	EQC[339]EQLEK	1
UCRQ_HUMAN (O14949) Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C (EC 1.10.2.2) (Ubiquinol-cytochrome c reductase complex 9.5 kDa protein) (Complex III subunit VII) [MASS=9775]	*	9.88	*	*	*	1	2	RIRESFFR	1
UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	0.00	5.16	*	*	*	3	3	KEARGYYEQTGVGPLPVVLFNGM[147]PFER	1
							3	GTEVNTTVIGENDPIDEVQGFLFGKLR	1
							3	EIYDDSFIRPVTFWIVGDFDSPSGR	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	0.00	4.95	2.48	0.00	1	2	2	LFLQQIAGAM[147]RLLHSKGIIHR	1
							3	LPKPPTDPLGAVFSPPQASPPQPSHGLQSC[339]R	1
UN13C_HUMAN (Q8NB66) Unc-13 homolog C (Munc13-3) (Fragment) [MASS=135621]	0.00	5.55	0.79	0.00	1	4	3	TLPIVRDVAMTLAARK	1
							3	YALSLYTQTTDALIK	1
							2	KTLPIVRDVAM[147]TLAAR	1
							2	YGIESIQAM[147]THFSC[330]LSSK	1

							3	NALVSHLDGTTTPVC[339]EDIGR	3
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	17.29	1.45	0.02	4	4	2	NALVSHLDGTTTPVC[339]EDIGR	2
							2	LC[339]TSATESEVAR	1
							3	IPLAEWESRIAEVDASVVREIC[339]SK	1
							3	MKIDDM[147]MFVLQGQWM[147]RLC[330]TSATESEVAR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	2.87	1.24	0.07	3	1	2	NALANPLYC[330]PDYR	2
							2	NALANPLYC[339]PDYR	1
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.69	1.99	0.71	0.15	4	1	2	LFPHC[339]GR	2
							2	LFPHC[330]GR	2
VAPA_HUMAN (Q9P0L0) Vesicle-associated membrane protein-associated protein A (VAMP-associated protein A) (VAMP-A) (VAP-A) (33 kDa Vamp-associated protein) (VAP-33) [MASS=27317]	0.00	17.36	0.30	1.51	2	2	3	C[339]VFEM[147]PNENDKLNDM[147]EPSK	1
							2	FM[147]VQTIFAPPNTSDMEAVWKEAK	1
							2	C[330]VFEM[147]PNENDKLNDM[147]EPSK	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	6.81	4.71	0.00	1	3	3	FC[330]PFYKTVGMLSNMIAFYDMARR	1
							2	C[339]LGNER	1
							2	AGRVKC[339]LGNER	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	5.26	0.88	0.00	1	2	2	PGGLPGSSC[330]NLGAAR	1
							2	KTTC[339]EFTGDILR	1

VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	0.99	3.52	0.79	0.00	1	1	2	KDHADVSNQLYAC[330]YAIGK	1
VATH_HUMAN (Q9UI12) Vacuolar ATP synthase subunit H (EC 3.6.3.14) (V-ATPase H subunit) (Vacuolar proton pump H subunit) (V-ATPase 50/57 kDa subunits) (Vacuolar proton pump subunit SFD) (VMA13) (Nef-binding protein 1) (NBP1) [MASS=55883]	*	4.35	*	*	*	1	3	QDPFTVHM[147]AARIIAKLAAWGK	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	0.00	5.24	0.68	0.00	1	3	2 KSGYFPSSSVK 2 YMQKMGM[147]TEDDKR 3 MWSYGFYLIHLQGKGQGFQFFC[330]JK	1 1 1	
VCAM1_HUMAN (P19320) Vascular cell adhesion protein 1 precursor (V-CAM 1) (CD106 antigen) (INCAM-100) [MASS=81276]	*	1.76	*	*	*	1	2 LHIDDM[147]EFEPEKQR	1	
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	10.99	0.99	0.05	7	2	2 YQIDPDAC[339]FSAK 2 EHINLGC[339]DMDFDIAGPSIR 2 EHINLGC[339]DM[147]DFDIAGPSIR 2 YQIDPDAC[330]FSAK	3 1 1 2	
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	8.65	1.08	0.02	3	2	2 SC[330]SGVEFSTSGSSNTDTGK 2 WC[339]EYGLTFTEK 2 WC[330]EYGLTFTEK	1 1 1	
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.87	3.89	1.05	0.00	1	1	2 VC[339]NYGLTFTQK	1	
VDP_HUMAN (O60763) General vesicular transport factor p115 (Transcytosis-associated protein) (TAP) (Vesicle docking protein) [MASS=107907]	*	1.35	*	*	*	1	3 RNQELLQSQLTEK	1	

VGFR3_HUMAN (P35916) Vascular endothelial growth factor receptor 3 precursor (EC 2.7.10.1) (VEGFR-3) (Tyrosine-protein kinase receptor FLT4) [MASS=145598]	0.00	2.47	1.16	0.00	1	1	3	ARPAFSELVEILGDLLQGRGLQEEEEVC[330]MAPR	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.00	12.63	0.82	0.00	1	1	3	TFDKNGDGTIDFREIFC[339]ALSITSR	1
VP13B_HUMAN (Q7Z7G8) Vacuolar protein sorting 13B (Cohen syndrome protein 1) [MASS=448732]	*	2.21	*	*	*	5	2	QVLPM[147]QVTQHARALVNPVKLR	1
							2	AM[147]C[330]LKGIMGVKDFEENMNR	1
							3	KDIYQRALNLGILR	1
							2	SPENNGTR	1
							2	PIGGAAELVSQTGYGILHGAGLSQLPK	1
VP33B_HUMAN (Q9H267) Vacuolar protein sorting 33B (hVPS33B) [MASS=70615]	*	3.73	*	*	*	1	2	RAGLLTEQAPGDTLTAVESKVSK	1
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412])	1.00	4.54	1.06	0.07	2	3	2	EM[147]ASGVNTRIDDLQM[147]VLNQTEDHR	1
							2	KIC[330]EGFR	1
							2	RC[330]EEMDR	1
VPS28_HUMAN (Q9UK41) VPS28 protein homolog [MASS=25425]	*	10.41	*	*	*	1	3	YDNMAELFAVVKTM[147]QALEKAYIK	1
VPS29_HUMAN (Q9UBQ0) Vacuolar protein sorting 29 (Vesicle protein sorting 29) (hVPS29) (PEP11) [MASS=20506]	0.00	7.14	0.91	0.00	1	1	2	IQHILC[339]TGNLIC[339]TK	1
VPS35_HUMAN (Q96QK1) Vacuolar protein sorting 35 (Vesicle protein sorting 35) (hVPS35) (Maternal-embryonic 3) [MASS=91706]	0.00	6.41	1.88	0.00	1	3	2	AC[339]AELHQNVNVK	1
							3	LLKIPVDTYNNILTVLK	1
							2	PDQGRAVSTC[339]AHLFWSGRNTDK	1
VPS4A_HUMAN (Q9UN37) Vacuolar sorting protein 4a (SKD2 protein) (hVPS4) (VPS4-1) [MASS=48898]	0.00	14.87	0.70	0.00	1	3	3	TNPSMMIDLLTPC[330]SPGDPGAM[147]EMTWM[147]DVP GDK	1
							3	KLQEQLM[147]GAVVMEKPNIR	1
							3	KLQEQLMGAVVM[147]EK	1
VPS54_HUMAN (Q9P1Q0) Vacuolar protein sorting protein 54 (Tumor antigen SLP-8p) (Hepatocellular carcinoma protein 8) [MASS=110588]	*	2.25	*	*	*	2	2	LVAIM[147]DSLFDKLLSK	1
							2	FTIFLQR	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	2.35	*	*	*	3	3	EIRYQGGNRTNTGLALR	1
							3	PC[330]EDSC[330]RSGFTYVLHEGEC[330]C[339]GR	1
							3	ASPPSSSC[330]NISSGEMQKGLWEQC[330]QLLK	1

WDFY3_HUMAN (Q8IZQ1) WD repeat and FYVE domain-containing protein 3 (Autophagy-linked FYVE protein) (Alfy) [MASS=395256]	0.00	1.33	0.96	0.00	1	3	2 WM[147]LEM[147]TEGPC[330]RMR 3 ELIPEFFYLPEFLFNSNNFDLGC[330]K 2 HM[147]TQKEQEEK	1 1 1
WDR13_HUMAN (Q9H1Z4) WD repeat protein 13 [MASS=53715]	0.00	5.36	0.14	0.00	1	2	2 VLALSFDAPGR 3 EARDPSLLINAC[330]LNL	1 2
WDR20_HUMAN (Q8TBZ3) WD repeat protein 20 (DMR protein) [MASS=62933]	0.00	2.46	1.45	0.00	1	1	3 MEDVPLLEPLIC[339]KK	1
WDR22_HUMAN (Q96JK2) WD repeat protein 22 (Breakpoint cluster region protein 2) (BCRP2) [MASS=103963]	*	1.91	*	*	*	1	3 LPVFQFDNQGYFNSC[330]TM[147]K	1
WDR24_HUMAN (Q96S15) WD repeat protein 24 [MASS=101989]	*	1.09	*	*	*	1	2 GWLATGGRDK	1
WDR33_HUMAN (Q9C0J8) WD repeat protein 33 (WD repeat protein WDC146) [MASS=145920]	0.00	4.49	*	*	*	2	3 MFQAHKEAIREASFSPTDNK 3 PPGPQQQMGPQGPPHQQGGGPQGFM[147]GPQGPQGPQGLPR	1 1
WDR43_HUMAN (Q15061) WD repeat protein 43 [MASS=79118]	0.00	3.47	2.18	0.00	1	2	2 LLNVWQVRSENK 3 DC[330]AC[330]VGEGAAPPR	1 1
WDR65_HUMAN (Q96MR6) WD repeat protein 65 [MASS=78164]	*	2.29	*	*	*	2	1 GHTGKIR 2 EIADSLILR	1 1
WDR6_HUMAN (Q9NNW5) WD repeat protein 6 [MASS=121724]	*	1.69	*	*	*	1	3 AEMHC[330]FSIMVTPDPSTPSR	1
WDR72_HUMAN (Q3MJ13) WD repeat protein 72 [MASS=123408]	*	2.36	*	*	*	1	3 QPYIVSAAENGEMC[330]VWNVNTNGQC[339]VEK	1
WNT9B_HUMAN (O14905) Protein Wnt-9b precursor (Wnt-15) (Wnt-14b) [MASS=38971]	0.00	15.97	0.23	0.00	1	3	3 SGDLVYMEDSPSFC[330]RPSK 2 LRYDSAVKVSSATNEALGR 2 GLAPRSGDLVYMEDSPSFC[339]R	1 1 1
XAB2_HUMAN (Q9HCS7) XPA-binding protein 2 (HCNP protein) [MASS=100009]	0.00	1.40	1.18	0.00	1	1	2 EM[147]C[339]LRFADMEC[339]K	1
XPO5_HUMAN (Q9HAV4) Exportin-5 (Exp5) (Ran-binding protein 21) [MASS=136310]	0.00	8.31	0.89	0.00	1	5	3 ALDM[147]LDAEKSAILGLPQPLELNDSPVFK 2 DSLDQFDC[330]KLLNPSLQKVADK C[330]ALM[147]EALVLISNQFKNYER 2 EKC[330]PIC[339]VPC[330]GLRLAEK 2 MAM[147]DQVNALC[330]EQLVK	1 1 1 1 1
XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	0.00	3.56	0.69	0.00	1	1	3 NC[330]STNPPYLPVTVVNTTM[147]SLTALR	1

XYLT2_HUMAN (Q9H1B5) Xylosyltransferase 2 (EC 2.4.2.26) (Xylosyltransferase II) (xylT-II) (XT-II) (Peptide O-xylosyltransferase 1) [MASS=96711]	0.00	3.35	0.46	0.00	1	1	3	HC[330]QLTGKMSPGIQWDESSQAQQPMDGPPVR	1
YTHD3_HUMAN (Q7Z739) YTH domain protein 3 [MASS=63861]	0.00	3.76	1.71	0.00	1	1	3	GPLYLLFSVNGSGHFC[339]GVAEMK	1
YYAP1_HUMAN (Q9H869) YY1-associated protein 1 (Hepatocellular carcinoma susceptibility protein) (Hepatocellular carcinoma-associated protein 2) [MASS=87915]	0.00	2.51	2.18	0.00	1	1	3	SLAATPSSSLPC[339]TLIALGLR	1
ZAN_HUMAN (Q9Y493) Zonadhesin precursor [MASS=305571]	*	2.24	*	*	*	4	2	C[339]VEAC[339]EC[330]NPGFVLSGLEC[339]IPR	1
							3	FPRAIPAE EEGQGAELGLR	1
							1	TEDALLR	1
							2	GSTAYLDIALDALSIR	1
							2	KQFQYSASLR	1
ZBT11_HUMAN (O95625) Zinc finger and BTB domain-containing protein 11 [MASS=119382]	0.00	7.79	1.30	0.00	1	5	2	KGEVQTVASTQDLR	1
							3	RHM[147]NNHEGVKPFEC[339]LTC[339]GVAWADAR	1
							2	HTGVKPHAC[339]QVC[339]GK	1
							2	RRDLIEAAHLGPGGTHHTR	1
							2	C[330]NSGLDARPGFGLQHPALQK	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	*	1.69	*	*	*	2	3	C[330]RMSFPTLQDHR	1
							2	GPQKEM[147]IVK	1
ZCH11_HUMAN (Q5TAX3) Zinc finger CCHC domain-containing protein 11 [MASS=185132]	0.00	3.41	0.68	0.00	1	5	2	VPVVVC[339]R	1
							2	AVQVIGNQTLKARNDK	1
							2	LGLKQAEER	1
							3	C[330]FDELSPPC[339]SEQHNR	1
							2	RC[330]DIGDASR	1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	0.00	1.81	1.14	0.00	1	3	1	QRSRPR	1
							2	TVRRLFHK	1
							3	GPC[339]AVSSNPYAFK	1
ZDH14_HUMAN (Q8IZN3) Probable palmitoyltransferase ZDHHC14 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 14) (DHHC-14) (NEW1 domain-containing protein) (NEW1CP) [MASS=53388]	0.00	12.50	0.50	0.00	1	3	1	MPPGGGGPMK	1
							3	M[147]PPGGGGPMKDC[339]EYSQISTHSSSPMESPHK	1
							2	DC[330]EYSQISTHSSSPM[147]ESPHKK	1

ZDHC7_HUMAN (Q9NXF8) Palmitoyltransferase ZDHHC7 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 7) (DHHC-7) (Zinc finger protein 370) [MASS=35141]	0.00	4.87	*	*	*	1	3	M[147]DHHC[339]PWVNNC[330]VGEK	1
ZFHx2_HUMAN (Q9C0A1) Zinc finger homeobox protein 2 [MASS=152100]	0.00	6.17	1.07	0.00	1	4	3 PFKC[339]TVC[339]RVSYNQSSTLEIHMR 3 KNAC[339]EGGSM[147]PTGGGTGGASGC[339]R 2 NAC[339]EGGSMPTGGGTGGASGC[339]RR 2 TAAKALLENFGFELVIQYNEGK	1 1 1 1	
ZFP62_HUMAN (Q8NB50) Zinc finger protein 62 homolog (Zfp-62) [MASS=79143]	0.00	7.78	0.64	0.00	1	4	2 NHKGIHLGEK 2 SSLKNHKG IHLGEK 3 SIHPGKKAHEC[339]K 3 C[330]DEC[330]EKSFNYSSLLIQHK	1 1 1 1	
ZMYM3_HUMAN (Q14202) Zinc finger MYM- type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	*	1.39	*	*	*	2	3 GVVSQC[330]EHC[330]R 2 GVSC[330]KVEM[147]K	1 1	
ZN133_HUMAN (P52736) Zinc finger protein 133 [MASS=73402]	0.00	7.95	1.51	0.00	1	3	2 SALITHKRAHSEEK 2 SHLTLHQM[147]THTGEKPYVC[339]K 2 SNLIHQRTSHSGEKPYVC[330]R	1 1 1	
ZN217_HUMAN (O75362) Zinc finger protein 217 [MASS=115271]	0.00	8.87	1.51	0.00	1	4	2 TKADVTPPPDGSTTHNLEVSPKEK 2 EKQTETAADC[339]R 3 PQQNVGVQGAATRQQQSEMFPKTSVSPAPDK 3 NC[330]KENEFSC[339]EVC[330]GQTFRVAFDVEIHM[147]R	1 1 1 1	
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	*	1.90	*	*	*	1	2 PYM[147]C[330]SEC[339]GK	1	
ZN294_HUMAN (O94822) Zinc finger protein 294 [MASS=200534]	*	2.77	*	*	*	2	3 LSEAESSDSSVSFIC[330]DVAIFYFSSAK 2 TAHNLENVLIHFWERLSEIC[330]VAK 3 VHC[339]EGEGGNAGDGGGVVPHR	1 1 3	
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	6.52	3.18	0.07	2	4	3 IRC[339]DDC[339]GFLADGLSGLNVHIAM[147]K 2 HLC[330]PVTLDGERSAESPVLVVTR 2 ERKFTC[339]HLC[339]DR	1 1 1	
ZN441_HUMAN (Q8N8Z8) Zinc finger protein 441 [MASS=72193]	0.00	8.31	0.86	0.00	1	3	2 RHM[147]ITHTGNGPHK 2 DNSQC[330]GGPFTQTQDSIVNEK 3 AFDSPLC[330]RRHETAHTGEK	1 1 1	
ZN473_HUMAN (Q8WTR7) Zinc finger protein 473 (Zinc finger protein 100 homolog) (Zfp-100) [MASS=100182]	*	2.18	*	*	*	1	2 C[330]GEC[339]GKAFAQKANLTQHQR	1	

ZN479_HUMAN (Q96JC4) Zinc finger protein 479 (Zinc finger protein Kr19) (HKr19) [MASS=60598]	*	8.21	*	*	*	2	3	YGKSFC[339]M[147]LSHLNQHQVIHTREK	1
							3	PYTC[339]JEEC[339]GKAFNC[330]SSTLMQHK	1
ZN483_HUMAN (Q8TF39) Zinc finger protein 483 [MASS=85097]	*	1.08	*	*	*	1	2	LDESALDK	1
ZN510_HUMAN (Q9Y2H8) Zinc finger protein 510 [MASS=79142]	0.00	3.07	1.38	0.00	1	2	2	SNLRIHQR	1
							2	IGKAFNDKANC[339]VK	1
ZN511_HUMAN (Q8NB15) Zinc finger protein 511 [MASS=29428]	0.00	8.78	0.86	0.00	1	1	3	SEGEAM[147]EIC[339]SEPVAASPAPAGER	1
ZN559_HUMAN (Q9BR84) Zinc finger protein 559 [MASS=62317]	0.00	3.53	1.93	0.00	1	2	2	AFTDSSGLIK	1
							3	HYVC[339]NEC[339]GK	1
							2	NC[339]GEVFREQFC[339]LKTHMR	1
ZN561_HUMAN (Q8N587) Zinc finger protein 561 [MASS=55197]	0.00	14.81	1.76	0.00	1	4	3	VQNGGNTSEGNC[339]YGK	1
							2	EC[330]GKAFTTSTSLIQHTR	1
							2	EC[339]GKGFKYFASLDNHM[147]GIHTDEK	1
ZN563_HUMAN (Q8TA94) Zinc finger protein 563 [MASS=55434]	*	6.09	*	*	*	2	3	NLYRYVM[147]QETIR	1
							3	PHEYQEYGEKPHTHKQR	1
ZN575_HUMAN (Q86XF7) Zinc finger protein 575 [MASS=26763]	*	24.90	*	*	*	3	3	PSQSAPGPTASAGSPPRPR	1
							3	PSQSAPGPTASAGSPPR	1
							2	MLERGAESAAGATDPSPTGKEPVTK	1
							3	VFSC[339]GSTLETHK	11
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	0.00	1.66	6.13	0.00	1	1			
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrin-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	0.64	2.78	0.96	0.00	1	2	3	GIPHRFAGHESYQNM[147]GPQRM[147]NVQVTQHR	1
							3	KEQSLHYGSVLLITELPEDGC[330]TEEDVR	1
ZN639_HUMAN (Q9UID6) Zinc finger protein 639 (Zinc finger protein ZASC1) (Zinc finger protein ANC_2H01) [MASS=56054]	*	4.54	*	*	*	1	2	DDSDTETSNDLPKFADGIKAR	1

ZN655_HUMAN (Q8N720) Zinc finger protein 655 (Vav-interacting Krueppel-like protein) [MASS=57393]	*	3.46	*	*	*	1	3	SVHLTQHQQIHKEMPC[330]K	1
ZN690_HUMAN (Q8IWY8) Zinc finger protein 690 [MASS=96587]	0.00	5.76	1.28	0.00	1	2	3 2	VAAPPNDGQEETASC[339]PVQGTSEAEAQK APVLFQSPRGFEAGFENEDNSK	1 1
ZN708_HUMAN (P17019) Zinc finger protein 708 (Zinc finger protein 15-like 1) (Zinc finger protein KOX8) [MASS=64779]	*	2.49	*	*	*	1	2	EC[330]GKAFNQSSTLM[147]K	1
ZNF18_HUMAN (P17022) Zinc finger protein 18 (Zinc finger protein KOX11) (Heart development-specific gene 1 protein) [MASS=62288]	*	2.73	*	*	*	1	3	QFRYQVMSGPHETLK	1
ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	*	7.14	*	*	*	2	3 3	C[339]ASQLQIHERTHSGEKPHEC[339]K PYEC[339]KHC[339]GKAFISNYIR	1 1
ZNF30_HUMAN (P17039) Zinc finger protein 30 (Zinc finger protein KOX28) [MASS=62123]	*	3.87	*	*	*	1	2	LSSFLHAHQRIHAEIKPYGC[330]K	1
ZNF38_HUMAN (P17036) Zinc finger protein 38 (Zinc finger protein KOX25) (Zinc finger protein HF.12) (Zinc finger protein 3) (HZF3.1) [MASS=50916]	0.00	2.69	0.61	0.00	1	1	3	TFSC[330]SSALILHR	1
ZNF6_HUMAN (Q9Y462) Zinc finger protein 6 [MASS=87209]	0.59	4.93	1.12	0.00	1	3	3 2 3	KVSFHNHLESHK YC[339]DYETAEQGLLNR HM[147]KNHPDHLMRK	1 1 1
ZNF85_HUMAN (Q03923) Zinc finger protein 85 (Zinc finger protein HPF4) (HTF1) [MASS=68718]	*	2.02	*	*	*	1	2	IHTGEKPYEC[330]EK	1
ZNF92_HUMAN (Q03936) Zinc finger protein 92 (Zinc finger protein HTF12) [MASS=68486]	0.00	6.31	9.09	0.00	1	3	3 3 2	AFNQSSTLTKHKR C[339]GNAFNQSSNLTR RNHM[147]EDKPYK	1 1 1
ZNFX1_HUMAN (Q9P2E3) NFX1-type zinc finger-containing protein 1 [MASS=220225]	0.00	5.42	1.59	0.00	1	5	2 2 2 3 2	SNQEGKVGFLQISNR FLESLLQKDPSEVVITLATSGLK PSANVYDLAKNFNLEVSLFER EPRYLLM[147]GGRYDFTPLIENPSATGEFLR NGHIYVIGDC[330]GGAMER	1 1 1 1 1
ZNT1_HUMAN (Q9Y6M5) Zinc transporter 1 (ZnT-1) (Solute carrier family 30 member 1) [MASS=55328]	0.00	4.54	1.78	0.00	1	1	3	TQC[330]ALKQC[330]C[330]GTLPPQAPSGKDAEK	1

ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	1.00	15.46	0.69	0.09	3	3	2	DTLLSVPGVR	1
							2	AADPISTFLFSIC[330]ALGSTAPTLR	2
							3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	1
ZSWM2_HUMAN (Q8NEG5) Zinc finger SWIM domain-containing protein 2 [MASS=72720]	0.00	15.32	1.07	0.43	2	6	2	SLEKRADEVVK	1
							2	HIC[339]WVLLKKFELPR	1
							2	RADEVVKYIDTK	1
							2	RYSNC[330]MGEITR	1
							3	C[330]IDNWLFHKC[330]NSC[339]PIGGQVIYNPLTWK	1
							3	LGILPSIPQC[339]NFDELNTPQSPK	1
ZXDA_HUMAN (P98168) Zinc finger X-linked protein ZXDA [MASS=84770]	*	7.63	*	*	*	3	3	IHLRSHTGERPFLC[339]DFDGC[330]GWNFTSMSK	1
							3	HDDDRRFM[147]C[339]PVEGC[330]GK	1
							2	HQLKM[147]HLLTHSSSQGQR	1
ZXDB_HUMAN (P98169) Zinc finger X-linked protein ZXDB [MASS=84792]	*	3.36	*	*	*	1	3	EEAEEGPGQLQGEGGANPAGPTALGPR	1

**Table 6. EAD Mitochondrial Study
Protein Summary**

Description	Experiment1		Experiment2		Experiment3		Count	Mean	SEM
	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio			
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	1.07	1.00	1.04	1.00	0.89	3.00	1.00	0.06
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	1.55	1.00	1.69	1.00	1.85	3.00	1.70	0.09
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	0.61	0.00	0.92	1.00	0.73	3.00	0.75	0.09
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	1.86	1.00	1.83	1.00	1.69	3.00	1.79	0.05
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	0.05	0.33	2.60	1.00	0.44	3.00	1.03	0.79
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	1.49	0.89	1.81	1.00	1.31	3.00	1.54	0.15
AT131_HUMAN (Q9HD20) Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) [MASS=132954]	0.00	1.61	0.00	0.42	0.00	1.08	3.00	1.04	0.34
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	0.54	1.00	0.59	1.00	0.51	3.00	0.55	0.02
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	0.53	0.45	0.54	1.00	0.53	3.00	0.53	0.00
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	1.87	1.00	2.09	1.00	1.88	3.00	1.95	0.07

C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	1.31	0.75	1.45	1.00	1.58	3.00	1.45	0.08
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.99	0.56	0.76	0.55	1.00	0.46	3.00	0.52	0.03
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	1.72	1.00	1.48	1.00	1.82	3.00	1.67	0.10
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	1.46	0.00	2.06	1.00	1.56	3.00	1.69	0.19
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	1.63	0.62	1.38	1.00	1.81	3.00	1.61	0.12
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	1.15	1.00	1.48	1.00	1.66	3.00	1.43	0.15
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	0.92	1.00	0.97	1.00	1.03	3.00	0.97	0.03
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	1.36	0.41	1.79	1.00	1.07	3.00	1.41	0.21
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	2.16	1.00	1.58	1.00	1.69	3.00	1.81	0.18
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	1.72	1.00	1.44	1.00	1.67	3.00	1.61	0.09
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	1.57	1.00	1.20	1.00	1.34	3.00	1.37	0.11
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	1.92	0.66	1.75	1.00	1.70	3.00	1.79	0.07
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	1.55	1.00	1.16	1.00	1.77	3.00	1.49	0.18
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	0.65	1.00	0.58	1.00	0.60	3.00	0.61	0.02

ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	0.94	1.76	1.00	1.88	1.00	2.22	3.00	1.95	0.14
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.99	2.50	0.66	1.04	1.00	0.65	3.00	1.40	0.56
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.94	2.29	0.00	1.66	0.91	1.94	3.00	1.96	0.18
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	0.68	0.33	0.84	1.00	0.72	3.00	0.75	0.05
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	0.99	1.31	0.95	1.62	1.00	0.89	3.00	1.27	0.21
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	0.60	1.00	0.55	1.00	0.58	3.00	0.58	0.01
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	1.00	0.80	0.67	0.90	1.00	0.60	3.00	0.77	0.09
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	1.24	1.00	1.22	1.00	1.30	3.00	1.25	0.02
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	1.45	1.00	1.56	1.00	1.83	3.00	1.61	0.11
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	1.40	1.00	1.69	1.00	1.74	3.00	1.61	0.11
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.27	1.31	1.00	0.93	1.00	1.55	3.00	1.26	0.18
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	1.36	1.00	1.58	1.00	1.38	3.00	1.44	0.07
INT10_HUMAN (Q9NVR2) Integrator complex subunit 10 (Int10) [MASS=82235]	0.00	0.57	0.00	1.95	0.00	1.08	3.00	1.20	0.40
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	32.92	0.00	24.57	0.00	37.41	3.00	31.63	3.76

KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	1.02	1.00	0.82	1.00	0.89	3.00	0.91	0.06
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	0.73	1.00	0.75	1.00	0.76	3.00	0.75	0.01
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	1.58	0.99	1.14	1.00	1.82	3.00	1.51	0.20
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	0.70	0.63	0.57	1.00	0.74	3.00	0.67	0.05
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	0.86	0.92	0.69	0.98	0.68	3.00	0.74	0.06
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.00	1.41	0.98	1.51	0.99	1.05	3.00	1.32	0.14
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.65	0.53	0.85	0.91	1.00	0.74	3.00	0.73	0.11
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	1.62	1.00	1.94	1.00	1.82	3.00	1.79	0.09
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	1.56	1.00	1.75	1.00	1.81	3.00	1.71	0.08
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	1.35	1.00	1.77	1.00	1.34	3.00	1.49	0.14
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	0.64	1.00	0.51	1.00	0.78	3.00	0.64	0.08
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	1.82	1.00	2.40	1.00	1.66	3.00	1.96	0.22
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	1.12	0.71	1.43	1.00	1.64	3.00	1.40	0.15

NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.99	1.85	0.83	1.68	1.00	1.72	3.00	1.75	0.05
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.94	1.63	0.23	1.24	0.41	0.70	3.00	1.19	0.27
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	1.23	1.00	1.39	1.00	1.73	3.00	1.45	0.15
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	1.54	1.00	1.64	1.00	1.17	3.00	1.45	0.14
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	1.31	0.91	1.59	1.00	1.44	3.00	1.45	0.08
ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component) [MASS=65781]	0.60	1.45	0.00	1.05	1.00	1.50	3.00	1.33	0.14
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	1.54	0.00	1.45	1.00	1.77	3.00	1.59	0.10
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	1.31	0.00	1.06	1.00	1.68	3.00	1.35	0.18
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.96	0.71	0.60	0.62	1.00	0.61	3.00	0.65	0.03
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	1.02	1.00	2.26	1.00	1.72	3.00	1.67	0.36
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	1.34	0.36	2.02	1.00	1.63	3.00	1.66	0.20

SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812]	1.00	0.45	1.00	0.51	1.00	0.35	3.00	0.44	0.05
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	0.62	0.97	0.60	1.00	0.66	3.00	0.63	0.02
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	0.62	0.97	0.69	1.00	0.54	3.00	0.62	0.04
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	0.95	1.00	0.95	1.00	0.91	3.00	0.94	0.01
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	0.93	1.00	1.05	1.00	0.80	3.00	0.93	0.07
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	1.21	0.00	2.15	1.00	1.64	3.00	1.67	0.27
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	1.12	0.92	1.67	1.00	1.39	3.00	1.39	0.16
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	1.42	1.00	2.10	1.00	1.77	3.00	1.76	0.20
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	1.85	1.00	0.82	1.00	1.62	3.00	1.43	0.31
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	0.17	0.00	0.06	1.00	0.64	3.00	0.29	0.18
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	2.12	1.00	1.99	1.00	1.51	3.00	1.87	0.19
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	0.99	1.41	1.00	1.90	1.00	1.61	3.00	1.64	0.14
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	*	*	0.00	0.64	1.00	0.81	2.00	0.73	0.08
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	0.75	*	*	1.00	0.60	2.00	0.68	0.07
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	1.44	*	*	1.00	1.77	2.00	1.61	0.17

ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	0.00	2.03	*	*	1.00	1.13	2.00	1.58	0.45
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) [MASS=17417]	1.00	1.61	*	*	1.00	1.39	2.00	1.50	0.11
ADCY5_HUMAN (O95622) Adenylate cyclase type 5 (EC 4.6.1.1) (Adenylate cyclase type V) (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5) (Fragment) [MASS=100876]	0.00	3.54	*	*	0.00	0.96	2.00	2.25	1.29
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	0.67	*	*	1.00	0.73	2.00	0.70	0.03
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	0.67	0.32	*	1.00	0.80	2.00	0.74	0.06
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.93	1.63	*	*	1.00	1.64	2.00	1.64	0.01
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	0.00	1.38	*	*	1.00	0.99	2.00	1.19	0.19
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	*	*	0.21	2.32	0.72	1.64	2.00	1.98	0.34
AP2A2_HUMAN (O94973) AP-2 complex subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote [MASS=103960]	*	*	0.63	0.70	0.25	1.77	2.00	1.24	0.54
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na ⁺ /K ⁺ ATPase 1) [MASS=112895]	1.00	0.79	*	*	1.00	0.54	2.00	0.67	0.13
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2 ⁺)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	0.82	0.90	*	*	1.00	1.05	2.00	0.98	0.07
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	1.00	*	0.42	0.77	0.99	0.48	2.00	0.63	0.15

AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.00	1.77	*	*	0.77	1.94	2.00	1.86	0.09
ATF6B_HUMAN (Q99941) Cyclic AMP-dependent transcription factor ATF-6 beta (Activating transcription factor 6 beta) (ATF6-beta) (cAMP-responsive element-binding protein-like 1) (cAMP response element-binding protein-related protein) (Creb-rp) (Protein G13 [MASS=76709]	0.00	0.52	*	*	0.24	1.31	2.00	0.92	0.40
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	0.00	1.39	*	*	1.00	1.78	2.00	1.59	0.20
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	1.00	1.82	*	*	1.00	1.94	2.00	1.88	0.06
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	1.46	*	*	1.00	1.65	2.00	1.56	0.09
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.82	1.10	*	*	0.97	0.79	2.00	0.95	0.16
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20 [MASS=14177]	1.00	0.57	*	*	1.00	0.60	2.00	0.59	0.02
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	0.96	*	*	1.00	0.92	2.00	0.94	0.02
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	0.73	0.00	0.66	*	*	2.00	0.70	0.03
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	0.99	1.32	*	*	1.00	1.50	2.00	1.41	0.09
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	1.17	*	*	1.00	1.31	2.00	1.24	0.07
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	0.99	0.53	*	*	1.00	0.56	2.00	0.55	0.02
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	0.99	0.60	*	*	0.54	0.44	2.00	0.52	0.08
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.31	0.90	*	*	0.62	1.81	2.00	1.36	0.46
CO039_HUMAN (Q6ZRI6) Uncharacterized protein C15orf39 [MASS=110788]	0.00	1.12	0.37	1.02	*	*	2.00	1.07	0.05

COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	0.74	0.61	*	*	1.00	0.61	2.00	0.61	0.00
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.48	1.46	*	*	1.00	2.27	2.00	1.87	0.41
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	*	*	0.74	1.26	1.00	1.72	2.00	1.49	0.23
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.24	0.86	*	*	0.92	0.89	2.00	0.88	0.02
CSMD3_HUMAN (Q7Z407) CUB and sushi domain-containing protein 3 precursor (CUB and sushi multiple domains protein 3) [MASS=401695]	0.00	2.02	0.00	0.31	*	*	2.00	1.17	0.86
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	0.48	*	*	1.00	0.40	2.00	0.44	0.04
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	0.00	0.80	*	*	1.00	1.07	2.00	0.94	0.14
CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	0.85	0.63	*	*	0.00	0.15	2.00	0.39	0.24
DCX_HUMAN (O43602) Neuronal migration protein doublecortin (Lissencephalin-X) (Lis-X) (Doublin) [MASS=44925]	*	*	0.00	1.25	0.00	1.20	2.00	1.23	0.02
DPOD1_HUMAN (P28340) DNA polymerase delta catalytic subunit (EC 2.7.7.7) (DNA polymerase subunit delta p125) [MASS=123630]	0.00	0.54	0.00	4.99	*	*	2.00	2.77	2.23
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	*	*	0.96	0.84	1.00	0.61	2.00	0.73	0.12
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	0.45	*	*	1.00	0.54	2.00	0.50	0.05
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	0.98	1.30	*	*	1.00	1.43	2.00	1.37	0.06
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	1.78	*	*	1.00	1.35	2.00	1.57	0.22
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	*	*	0.99	0.64	1.00	0.59	2.00	0.62	0.03
EPHB1_HUMAN (P54762) Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH-2) (NET) (HEK6) (ELK) [MASS=109885]	*	*	0.00	1.28	0.00	1.12	2.00	1.20	0.08

ERR2_HUMAN (O95718) Steroid hormone receptor ERR2 (Estrogen-related receptor, beta) (ERR-beta) (Estrogen receptor-like 2) (ERR beta-2) [MASS=55619]	0.00	0.58	*	*	0.00	0.41	2.00	0.50	0.08
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	0.95	1.41	*	*	1.00	1.44	2.00	1.43	0.02
FARP2_HUMAN (O94887) FERM, RhoGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) [MASS=119888]	0.00	6.03	*	*	0.00	10.14	2.00	8.09	2.05
FHL2_HUMAN (Q14192) Four and a half LIM domains protein 2 (FHL-2) (Skeletal muscle LIM-protein 3) (SLIM 3) (LIM-domain protein DRAL) [MASS=32196]	*	*	0.00	0.18	0.00	0.19	2.00	0.19	0.01
FYV1_HUMAN (Q9Y2I7) FYVE finger-containing phosphoinositide kinase (EC 2.7.1.68) (1-phosphatidylinositol-4-phosphate 5-kinase) (Phosphatidylinositol-3-phosphate 5-kinase type III) (PIP5K) (PtdIns(4)P-5-kinase) (PIKfyve) (p235) [MASS=237107]	0.00	0.02	*	*	0.00	9.10	2.00	4.56	4.54
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.00	0.68	*	*	0.81	1.81	2.00	1.25	0.57
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	0.54	*	*	1.00	0.61	2.00	0.58	0.04
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	0.99	1.08	*	*	1.00	0.51	2.00	0.80	0.29
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	0.58	*	*	1.00	0.49	2.00	0.54	0.05
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	1.00	1.27	*	*	1.00	1.50	2.00	1.39	0.11
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	0.40	0.98	*	*	1.00	0.48	2.00	0.73	0.25
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	3.04	*	*	0.00	3.20	2.00	3.12	0.08
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	1.00	0.22	*	*	1.00	0.83	2.00	0.53	0.31
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	0.83	*	*	1.00	0.85	2.00	0.84	0.01

HS74L_HUMAN (O95757) Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related protein APG-1) [MASS=94486]	0.00	0.97	*	*	0.51	0.85	2.00	0.91	0.06
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	*	*	0.00	3.76	0.00	1.40	2.00	2.58	1.18
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	0.99	1.53	*	*	1.00	1.51	2.00	1.52	0.01
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	0.69	*	*	1.00	0.54	2.00	0.62	0.07
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	*	*	0.00	2.38	0.96	1.54	2.00	1.96	0.42
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	0.82	*	*	1.00	0.90	2.00	0.86	0.04
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	1.00	0.83	*	*	1.00	0.81	2.00	0.82	0.01
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	1.00	0.67	*	*	1.00	0.72	2.00	0.70	0.02
LAC_HUMAN (P01842) Ig lambda chain C regions [MASS=11236]	0.30	1.57	*	*	0.89	1.16	2.00	1.37	0.21
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	0.68	*	*	1.00	0.61	2.00	0.65	0.03
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	*	*	1.00	1.33	0.99	1.40	2.00	1.37	0.04
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.65	1.57	*	*	0.97	1.79	2.00	1.68	0.11
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	0.00	0.82	*	*	0.00	1.16	2.00	0.99	0.17
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	*	*	0.95	1.33	1.00	1.71	2.00	1.52	0.19
MCLN3_HUMAN (Q8TDD5) Mucolipin-3 [MASS=64247]	0.00	5.74	0.30	0.76	*	*	2.00	3.25	2.49

MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	0.46	*	*	1.00	1.43	2.00	0.95	0.49
MK03_HUMAN (P27361) Mitogen-activated protein kinase 3 (EC 2.7.11.24) (Extracellular signal-regulated kinase 1) (ERK-1) (Insulin-stimulated MAP2 kinase) (MAP kinase 1) (MAPK 1) (p44-ERK1) (ERT2) (p44-MAPK) (Microtubule-associated protein 2 kinase) [MASS=43135]	0.81	0.49	*	*	0.98	1.00	2.00	0.75	0.26
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	1.00	1.26	*	*	1.00	1.56	2.00	1.41	0.15
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	*	*	0.79	0.94	1.00	0.84	2.00	0.89	0.05
MSRA_HUMAN (Q9UJ68) Peptide methionine sulfoxide reductase (EC 1.8.4.6) (Protein-methionine-S-oxide reductase) (PMSR) (Peptide Met(O) reductase) [MASS=26132]	0.00	0.58	0.00	0.78	*	*	2.00	0.68	0.10
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.96	1.28	*	*	1.00	1.58	2.00	1.43	0.15
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	0.47	*	*	1.00	0.43	2.00	0.45	0.02
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	1.88	*	*	1.00	1.68	2.00	1.78	0.10
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	1.31	*	*	1.00	1.62	2.00	1.47	0.16
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	*	*	0.00	2.43	0.99	2.68	2.00	2.56	0.13
NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]	0.99	1.18	*	*	0.38	1.06	2.00	1.12	0.06

NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	1.56	*	*	1.00	1.72	2.00	1.64	0.08
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	*	*	0.55	0.73	1.00	1.18	2.00	0.96	0.23
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	1.49	*	*	1.00	1.68	2.00	1.59	0.09
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	0.98	*	*	1.00	1.41	2.00	1.20	0.22
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	0.63	*	*	1.00	0.44	2.00	0.54	0.10
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	0.86	*	*	1.00	0.89	2.00	0.88	0.02
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.99	1.26	0.94	1.72	*	*	2.00	1.49	0.23
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.97	1.06	*	*	0.98	1.70	2.00	1.38	0.32
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	1.53	*	*	1.00	1.79	2.00	1.66	0.13
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	0.00	2.73	*	*	1.00	2.05	2.00	2.39	0.34
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.95	1.25	*	*	1.00	1.88	2.00	1.57	0.32
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	0.00	0.96	*	*	1.00	0.92	2.00	0.94	0.02
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	0.00	0.80	*	*	1.00	0.66	2.00	0.73	0.07
PIAS3_HUMAN (Q9Y6X2) Protein inhibitor of activated STAT protein 3 [MASS=68017]	0.00	0.28	*	*	0.54	0.18	2.00	0.23	0.05
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	0.82	0.85	*	*	0.60	0.75	2.00	0.80	0.05

PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	1.02	*	*	1.00	0.72	2.00	0.87	0.15
PRDM8_HUMAN (Q9NQV8) PR domain zinc finger protein 8 (PR domain-containing protein 8) [MASS=71709]	0.00	1.85	0.00	0.10	*	*	2.00	0.98	0.88
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	0.66	*	*	1.00	0.69	2.00	0.68	0.02
RANB9_HUMAN (Q96S59) Ran-binding protein 9 (RanBP9) (RanBP7) (Ran-binding protein M) (RanBPM) (BPM90) (BPM-L) [MASS=77847]	*	*	0.00	0.24	0.00	1.82	2.00	1.03	0.79
RELN_HUMAN (P78509) Reelin precursor (EC 3.4.21.-) [MASS=388399]	*	*	0.00	0.29	0.00	2.54	2.00	1.42	1.13
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	1.00	0.75	*	*	1.00	0.79	2.00	0.77	0.02
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	0.27	0.00	1.49	*	*	2.00	0.88	0.61
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	0.97	1.99	*	*	1.00	1.55	2.00	1.77	0.22
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/ threonine transporter) (ASCT1) [MASS=55723]	1.00	0.57	*	*	1.00	0.42	2.00	0.50	0.07
SBP1_HUMAN (Q13228) Selenium-binding protein 1 [MASS=52313]	*	*	0.25	0.18	0.92	1.21	2.00	0.70	0.52
SCPDH_HUMAN (Q8NBX0) Probable saccharopine dehydrogenase (EC 1.5.1.9) [MASS=47151]	1.00	1.01	*	*	0.98	1.68	2.00	1.35	0.34
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	0.97	1.16	*	*	1.00	1.56	2.00	1.36	0.20
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	0.93	*	*	0.99	1.06	2.00	1.00	0.06
SF01_HUMAN (Q15637) Splicing factor 1 (Zinc finger protein 162) (Transcription factor ZFM1) (Zinc finger gene in MEN1 locus) (Mammalian branch point-binding protein mBBP) (BBP) [MASS=68198]	0.27	1.47	*	*	0.00	1.46	2.00	1.47	0.01
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	*	*	0.65	1.41	0.00	1.50	2.00	1.46	0.04
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.00	0.50	0.00	*	0.99	0.34	2.00	0.42	0.08
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.31	1.66	*	*	0.99	0.85	2.00	1.26	0.41
SNG3_HUMAN (O43761) Synaptogyrin-3 [MASS=24555]	0.00	0.90	*	*	0.98	0.68	2.00	0.79	0.11
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	1.00	0.70	*	*	0.99	0.70	2.00	0.70	0.00

SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.55	1.60	*	*	1.00	1.50	2.00	1.55	0.05
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	1.00	1.20	*	*	1.00	1.16	2.00	1.18	0.02
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.99	1.44	*	*	1.00	1.57	2.00	1.51	0.07
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	*	*	0.95	1.40	0.00	3.31	2.00	2.36	0.96
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	*	*	0.55	0.58	0.97	0.53	2.00	0.56	0.03
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	9.90	*	*	0.00	5.12	2.00	7.51	2.39
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	*	*	0.91	0.55	1.00	0.55	2.00	0.55	0.00
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.44	1.33	*	*	1.00	1.69	2.00	1.51	0.18
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	0.97	1.55	*	*	0.73	1.25	2.00	1.40	0.15
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	0.00	1.17	*	*	0.00	0.65	2.00	0.91	0.26
TSKS_HUMAN (Q9UJT2) Testis-specific serine kinase substrate (Testis-specific kinase substrate) (STK22 substrate 1) [MASS=65050]	0.22	0.76	*	*	0.00	1.33	2.00	1.05	0.29
TXND5_HUMAN (Q8NBS9) Thioredoxin domain-containing protein 5 precursor (Thioredoxin-like protein p46) (Endoplasmic reticulum protein ERp46) [MASS=47629]	0.75	1.31	*	*	0.98	0.82	2.00	1.07	0.25
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	0.84	*	*	1.00	0.71	2.00	0.78	0.07

UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	1.75	*	*	1.00	1.62	2.00	1.69	0.06
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.67	0.69	*	*	1.00	0.53	2.00	0.61	0.08
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	0.96	*	*	1.00	0.92	2.00	0.94	0.02
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	1.51	*	*	1.00	1.69	2.00	1.60	0.09
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	*	*	0.30	1.13	0.95	1.05	2.00	1.09	0.04
ZN142_HUMAN (P52746) Zinc finger protein 142 (HA4654) [MASS=187865]	0.00	1.48	*	*	0.00	3.16	2.00	2.32	0.84

**Table 7. EAD Mitochondrial Study
Experiment 1**

Description	A = Protein Score B = Percent Coverage C = XPress H2L Ratio D = XPress Std. Dev.				E = XPress Peptides F = Unique Peptides G = Charge H = Instances				Peptide Sequence	H
	A	B	C	D	E	F	G			
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	7.72	1.07	0.00	2	1	2 2	ELEAVC[339]QDVLSLLDNYLIK ELEAVC[330]QDVLSLLDNYLIK	1 1	
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	*	15.51	*	*	*	2	3 2	SIC[330]TTVLELLDKYLIANATNPESK NLLSVAYKNVVGGR	1 1	
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	13.88	0.75	0.28	2	2	2 3 2	IETELRDIC[330]NDVLSLLEK LAEQAERYDDM[147]AAC[330]M[147]K LAEQAERYDDM[147]AAC[330]M[147]K	1 1 1	
2A5A_HUMAN (Q15172) Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform (PP2A, B subunit, B' alpha isoform) (PP2A, B subunit, B56 alpha isoform) (PP2A, B subunit, PR61 alpha isoform) (PP2A, B subunit, R5 alpha isoform) [MASS=56193]	0.00	6.58	2.22	0.00	1	2	2 2	QFLM[147]KVLIPMHTAK LQQC[339]C[339]ILFDFMDSVSDLK	1 1	
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	*	1.87	*	*	*	1	2	RLAGGDWFTSR	1	
2AAB_HUMAN (P30154) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform (PP2A, subunit A, PR65-beta isoform) (PP2A, subunit A, R1-beta isoform) [MASS=66201]	*	4.33	*	*	*	1	2	FGTEWAQNTIVPKVLVMANDPNYLHR	1	

2ABB_HUMAN (Q00005) Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform (PP2A, subunit B, B-beta isoform) (PP2A, subunit B, B55-beta isoform) (PP2A, subunit B, PR55-beta isoform) (PP2A, subunit B, R2-beta isoform) [MASS=51710]	*	3.39	*	*	*	1	2	DYLTVKVWDLNM[147]ENR	1
3BP1_HUMAN (Q9Y3L3) SH3 domain-binding protein 1 (3BP-1) [MASS=75713]	*	1.43	*	*	*	1	1	ERTESEVPPR	1
41_HUMAN (P11171) Protein 4.1 (Band 4.1) (P4.1) (EPB4.1) (4.1R) [MASS=97016]	0.00	2.66	0.62	0.00	1	1	3	FYPDPQAQLTEDITRYYLC[330]LQLR	1
5HT7R_HUMAN (P34969) 5-hydroxytryptamine 7 receptor (5-HT-7) (Serotonin receptor 7) (5-HT-X) (5HT7) [MASS=53555]	*	3.34	*	*	*	1	2	EVEEC[339]ANLSRLLKHER	1
A4_HUMAN (P05067) Amyloid beta A4 protein precursor (APP) (ABPP) (Alzheimer disease amyloid protein) (Cerebral vascular amyloid peptide) (CVAP) (Protease nexin-II) (PN-II) (APPI) (PreA4) [Contains: Soluble APP-alpha (S-APP-alpha); Soluble APP-beta (S-APP) [MASS=86943]	0.00	8.05	0.14	0.00	1	2	3	LVFFAEDVGSNKGAIIGLM[147]VGGVVIATVIVITLVM[147]LKK	1
							2	ALEVPTDGNAGLLAEPQIAMFC[330]GR	1
							2	NLDKEYLPIGGLAEFC[339]K	5
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.95	1.55	0.04	12	4	2	NLDKEYLPIGGLAEFC[330]K	3
							2	VGAFTM[147]VC[339]K	2
							2	HFIEQGINVC[339]LC[339]QSYAK	2
							2	SGRFVTVQTISGTGALR	1
ABCA3_HUMAN (Q99758) ATP-binding cassette sub-family A member 3 (ATP-binding cassette transporter 3) (ATP-binding cassette 3) (ABC-C transporter) [MASS=191361]	*	3.52	*	*	*	2	3	LSIGIALIAGSKVLILDEPTSGMDAISR	1
							3	EVLGDLEEFLIFRASVEGGGFNERC[339]LVAASFR	1

ABCAC_HUMAN (Q86UK0) ATP-binding cassette sub-family A member 12 (ATP-binding cassette transporter 12) (ATP-binding cassette 12) [MASS=293249]	*	2.97	*	*	*	4	2	TIILSTHHLDEAEVLSDR	1
							3	M[147]LTGDIIPSSGNILIR	1
							3	EQIASKYGIPINTTFFC[339]FSLYK	1
							3	EILNQM[147]ASGTHPLLDKMRSLK	1
ACL6B_HUMAN (O94805) Actin-like protein 6B (53 kDa BRG1-associated factor B) (Actin-related protein Baf53b) (ArpNalpha) [MASS=46877]	0.00	4.93	1.03	0.00	1	1	2	DGAEVMSPLKNGM[147]IEDWEC[330]FR	1
							2	VGLIGSC[339]TNSSYEDM[147]GR	1
							3	VAVPSTIHC[339]DHLIEAQVGGEK	2
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	8.85	1.44	0.08	7	4	2	WVIGDENYGEKSSREHAALPR	1
							2	VAVPSTIHC[330]DHLIEAQVGGEK	1
							1	VAGILTVK	1
							2	VAVPSTIHC[339]DHLIEAQVGGEK	3
ACOT1_HUMAN (Q86TX2) Acyl-coenzyme A thioesterase 1 (EC 3.1.2.2) (Acyl-CoA thioesterase 1) (Inducible cytosolic acyl-coenzyme A thioester hydrolase) (Long chain acyl-CoA thioester hydrolase) (Long chain acyl-CoA hydrolase) (CTE-I) (CTE-Ib) [MASS=46277]	0.00	8.55	1.43	0.00	1	2	3	IKVTKDGYADIVDVLSNPLEGPDQK	1
							2	SEFYANEAC[339]KR	1
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	0.00	13.30	2.03	0.00	1	3	2	VLPSNAVWMENSKLSLEIC[339]HPQER	1
							3	M[147]KDSYIEVLLPLGSEPELR	1
							2	SLEIC[339]HPQER	1
ACOX2_HUMAN (Q99424) Acyl-coenzyme A oxidase 2, peroxisomal (EC 1.17.99.3) (3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase) (3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase) (Trihydroxycoprostanoyl-CoA oxid [MASS=76826]	*	1.32	*	*	*	1	3	VHC[330]YYVTVK	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	12.18	1.61	0.05	2	1	3	LM[147]C[330]PQEIVDYIADKKDVYE	1
							2	LM[147]C[339]PQEIVDYIADKKDVYE	1

ACSL4_HUMAN (O60488) Long-chain-fatty-acid--CoA ligase 4 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 4) (LACS 4) [MASS=79188]	*	7.31	*	*	*	2	3	PKGVM[147]M[147]HHSNLIAGMTGQC[339]ERIPGLGPK	1
							3	GVEGTWVDIC[330]NNPAMEAEILKEIR	1
							3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	3
							2	C[330]DVDIRK	3
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	15.47	0.61	0.15	12	3	2	C[339]DVDIRK	2
							2	LC[330]YVALDFEQEM[147]ATAASSSSLEK	1
							3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIMK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
							3	LC[330]YVALDFEQEM[147]ATAASSSSLEK	1
ACTY_HUMAN (P42025) Beta-centractin (Actin-related protein 1B) (ARP1B) [MASS=42293]	*	10.90	*	*	*	2	2	ERAC[339]YLSINPQK	1
							3	AAEVFFETFNVPALFISMQAVLSLYATGR	1
ACTZ_HUMAN (P61163) Alpha-centractin (Centractin) (Centrosome-associated actin homolog) (Actin-RPV) (ARP1) [MASS=42613]	*	18.62	*	*	*	3	3	PDLIGEESEGIHEVLVFAIQKSMD[147]DLR	1
							2	HVRVM[147]AGALEGDIFIGPKAEHR	1
							2	ERAC[330]YLSINPQKDETLETEK	1
ACVR1_HUMAN (Q04771) Activin receptor type-1 precursor (EC 2.7.11.30) (Activin receptor type I) (ACTR-I) (Serine/threonine-protein kinase receptor R1) (SKR1) (Activin receptor-like kinase 2) (ALK-2) (TGF-B superfamily receptor type I) (TSR-I) [MASS=57153]	0.00	6.29	2.15	0.00	1	2	3	QITLLEC[330]VGKGR	1
							3	YM[147]APEVLDETIQVDC[339]FDSYK	1
ADA12_HUMAN (O43184) ADAM 12 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 12) (Meltrin alpha) [MASS=99641]	*	3.30	*	*	*	1	2	SVRGSC[339]GSHHNTPNLAAKNVFPPPSQTWAR	1
ADA18_HUMAN (Q9Y3Q7) ADAM 18 precursor (A disintegrin and metalloproteinase domain 18) (Transmembrane metalloproteinase-like, disintegrin-like, and cysteine-rich protein III) (tMDC III) [MASS=82856]	*	5.82	*	*	*	2	2	IVQVIGLVNTMFTQFK	1
							3	SDGTDNAYVADGTMC[339]GPME[147]YC[339]VNKTC[339]R	1

ADA23_HUMAN (O75077) ADAM 23 precursor (A disintegrin and metalloproteinase domain 23) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3) (MDC-3) [MASS=91926]	*	3.85	*	*	*	2	3 2	C[330]LQIQALNM[147]SSC[330]PLDSK RSSLSYFGGVC[339]SRTR	1 1
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	*	4.35	*	*	*	1	3	VFQLIGLTNAIFVSFNITILSSLELWIDENK	1
ADAM8_HUMAN (P78325) ADAM 8 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 8) (Cell surface antigen MS2) (CD156a antigen) (CD156) [MASS=88673]	*	1.70	*	*	*	1	2	VC[330]WKGRC[330]QDLHVYR	1
ADCY5_HUMAN (O95622) Adenylate cyclase type 5 (EC 4.6.1.1) (Adenylate cyclase type V) (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5) (Fragment) [MASS=100876]	0.00	5.15	3.54	0.00	1	2	2 2	MNSTLVGVFTITLVFLAAFVNM[147]FTC[339]NSR THIKALADFAMKLMQMK	1 1
ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)- inhibitable adenylyl cyclase) [MASS=130615]	*	1.37	*	*	*	1	3	IGLNM[147]GPVVAGVIGAR	1
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	*	8.41	*	*	*	3	2 3 3	GSEENLDEAREQKEK VSM[147]ILQSPAFC[330]EELESMIQEQQFKK M[147]NGDSRAAVVTSPPTTAPHKER	1 1 1
ADDB_HUMAN (P35612) Beta-adducin (Erythrocyte adducin subunit beta) [MASS=80722]	0.33	5.52	1.24	0.00	1	2	2 2	C[330]IIHLHTPATAAVSAM[147]K DKTESVTSGPM[147]SPEGSPSKSPSK	1 1
ADIPO_HUMAN (Q15848) Adiponectin precursor (Adipocyte, C1q and collagen domain- containing protein) (30 kDa adipocyte complement-related protein) (Adipocyte complement-related 30 kDa protein) (ACRP30) (Adipose most abundant gene transcript 1) (apM-1) (Gel [MASS=26413])	*	11.89	*	*	*	2	1 3	DGTPGEK GAC[339]TGWM[147]AGIPGHPGHNGAPGR	3 1

ADO_HUMAN (Q06278) Aldehyde oxidase (EC 1.2.3.1) [MASS=147930]	*	5.83	*	*	*	5	2	YIQDIVASTLKL PANKVMC[330]HVR	1
							2	QAQRQENALAIVNSGM[147]R	1
							2	VMC[339]HVR	1
							2	PERKLEYGNVDEAFK	1
							3	C[330]RGWAC[339]RTNLPSNTAFR	1
ADRO_HUMAN (P22570) NADPH:adrenodoxin oxidoreductase, mitochondrial precursor (EC 1.18.1.2) (Adrenodoxin reductase) (AR) (Ferredoxin reductase) (Ferredoxin--NADP(+) reductase) [MASS=53836]	0.00	6.11	0.57	0.00	1	1	3	WWGWSAWPRTLPPAGSTPSFC[330]HHFSTQEK	1
							2	EFHGLGDC[339]IIK	4
							1	EFHGLGDC[339]IIK	3
							2	M[147]M[147]M[147]QSGRKGADIMYGTVDVC[330]WR	1
							2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	5
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	20.20	1.86	0.04	11	3	2	EFHGLGDC[330]IIK	3
							1	EFHGLGDC[330]IIK	2
							3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	5
							3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	1
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	2.69	0.05	0.00	1	1	1	GLGDC[330]LVK	1
							2	GLGDC[339]LVK	1

AKA11_HUMAN (Q9UKA4) A-kinase anchor protein 11 (Protein kinase A-anchoring protein 11) (PRKA11) (A kinase anchor protein 220 kDa) (AKAP 220) (hAKAP220) [MASS=210511]	0.00	2.95	1.12	0.00	1	3	3	LRIDFIFSLLSKYATGIR	1
							2	SGYEEDNEC[339]HVTPELPK	1
							2	MFPVPSSQVKTNKELLMFSNK	1
							3	KVENSNKEEIQEK	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	*	4.70	*	*	*	10	3	ELEIIHNHRAENVQSC[330]DTQVSSLLDGVVMTSR	1
							2	NDSLLQTLSPDSEHVTLEKR	1
							1	PTNLLR	2
							2	DLETQIEC[330]LMSDQEC[339]VKR	1
							3	LLEAISETSSQLEHAKVTQTELMRESFR	1
							2	NTELM[147]DLRQQNQALEKQLEK	1
							2	EETEFLSIHSQM[147]TNLEDIDVNHK	1
							2	AVIQC[330]LR	1
							2	SLLSEIQALHAQM[147]NGR	1
AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	0.64	3.75	*	*	*	1	2	AVDWWGLGVVMYEMMC[330]GR	1
AKT2_HUMAN (P31751) RAC-beta serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-beta) (Protein kinase Akt-2) (Protein kinase B, beta) (PKB beta) [MASS=55768]	0.64	1.87	0.50	0.00	1	1	2	PRPNTFVIR	1
AKT3_HUMAN	0.64	5.01	*	*	*	1	3	EKPQDVDLPYPLNNFSVAKC[339]QLMK	1
AL7A1_HUMAN (P49419) Aldehyde dehydrogenase family 7 member A1 (EC 1.2.1.3) (Antiquitin-1) [MASS=55235]	*	1.76	*	*	*	1	2	IWADIPAPK	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	8.21	0.67	0.06	3	3	3	LVRPEVDVM[147]C[330]TAFHDNEETFLKK	1
							2	AVM[147]DDFAAFVEKC[339]C[339]K	1
							2	LKEC[330]C[330]EKPLLEK	2
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	7.35	1.49	0.10	2	2	3	KTFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	LLC[339]GGGIAADR	1

ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	25.90	0.67	0.15	7	4	3	ALSDHHIYLEGTLLKPNM[147]VTPGHAC[330]TQK	1
							3	YASIC[330]QQNGIVPIVEPEILPDGDHDLKR	2
							3	YASIC[330]QQNGIVPIVEPEILPDGDHDLK	2
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	*	2.45	*	*	*	5	2	ALANSLAC[330]QGK	2
							3	YASIC[339]QQNGIVPIVEPEILPDGDHDLK	1
							2	SLSINVNLGNKEVMDTTK	1
ALU8_HUMAN (P39195) Alu subfamily SX sequence contamination warning entry [MASS=64492]	*	4.57	*	*	*	2	2	EKPGIFYQQTLPESHLPK	1
							3	EIQISDNHTLISMGRPSSTLGVNRSSSR	1
							2	VSMALLETLRQYQAAKSVM[147]R	1
AMOL1_HUMAN (Q8IY63) Angiomotin-like protein 1 [MASS=106573]	0.00	3.24	1.99	0.00	1	2	2	IPKDC[330]DRYDDL[339]SYM[147]SWK	1
							3	PXXXXFFXDGVS[330]R	1
							3	AC[330]NPSYSGGXGRR	1
AMPB_HUMAN (Q9H4A4) Aminopeptidase B (EC 3.4.11.6) (Ap-B) (Arginyl aminopeptidase) (Arginine aminopeptidase) [MASS=72595]	*	6.15	*	*	*	2	3	AC[339]NPSYSGGXGRR	1
							3	LSTTPAHSPVLKHPAAK	1
							2	LQQALTQLQSAC[339]EK	1
AMPD1_HUMAN (P23109) AMP deaminase 1 (EC 3.5.4.6) (Myoadenylate deaminase) (AMP deaminase isoform M) [MASS=86489]	0.00	2.01	0.14	0.00	1	1	3	RPLHSAQAVDVASASNFR	1
							2	WLNTPGWPPYLPDLSPGD[147]K	1
							2	NSVLQC[330]GISHEEKVK	1
AMYC_HUMAN (P19961) Alpha-amylase 2B precursor (EC 3.2.1.1) (1,4-alpha-D-glucan glucanohydrolase) (Alpha-amylase carcinoid) [MASS=57709]	0.00	3.52	1.60	0.00	1	1	2	DFPAVPYSGWDFNDGKC[339]K	1
							2	YYQNV[339]TQSYFVWWDWAR	1
							3	M[147]EAVAVAAAVGVLLLAGAGGAAGDEAREAAV[339]RALVAR	1
ANAG_HUMAN (P54802) Alpha-N-acetylglucosaminidase precursor (EC 3.2.1.50) (N-acetyl-alpha-glucosaminidase) (NAG) [Contains: Alpha-N-acetylglucosaminidase 82 kDa form; Alpha-N-acetylglucosaminidase 77 kDa form] [MASS=82166]	0.00	10.77	1.77	0.00	1	3	3	LFLEALVDSVAQGIPFQQHQFDK	1
							3	ENAAIFDLFLEC[339]MPGYPLDK	1
							3	KHHC[330]RHC[330]GR	1
ANFY1_HUMAN (Q9P2R3) Ankyrin repeat and FYVE domain-containing protein 1 (Ankyrin repeats hooked to a zinc finger motif) [MASS=128398]	*	2.57	*	*	*	2	3	ENAAIFDLFLEC[339]MPGYPLDK	1
							3	KHHC[330]RHC[330]GR	1
							3	KHHC[330]RHC[330]GR	1

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	*	2.96	*	*	*	6	2 3 2 3 2 3	AEEEEPEPFEIVERVKEDLEK NGYTPLHIAAKK GETALHM[147]AARAGQVEVVRC[339]LLR QGVTPHLASQEGHTDMVTLLLDKGANIHMSTK EDAAGGKEK GGTSPTKESKEHFFDLR	1 1 1 1 1 1
ANKR5_HUMAN (Q9NU02) Ankyrin repeat domain-containing protein 5 [MASS=86664]	*	8.89	*	*	*	4	2 2 2 2	DVC[339]LTFLKGANPNAINSSSTGR FTHEVDFDDFM[147]MPFQKNITEKAR YLLDIGAKFQLENR ARALEAALKT	1 1 1 1
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	*	2.21	*	*	*	4	2 2 2 1	FC[330]SSESESESESSEGEDDRDSLGSSTGC[339]LK VFEKHKEK APQQEELPLSSDMVEK HADGLLR	1 1 1 1
ANR33_HUMAN (Q7Z3H0) Ankyrin repeat domain-containing protein 33 [MASS=29083]	0.00	7.72	0.69	0.00	1	1	2	C[330]EC[330]VATLLM[147]AGADLTAVDPVR	1
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.93	7.10	1.63	0.00	1	1	3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	0.00	3.57	1.38	0.00	1	2	2 1	LIVGLM[147]RPPAYC[339]DAK NKPLFFADK	1 1
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	*	7.78	*	*	*	3	3 1 3	KFVGGSGQVSERIM[147]DLLGDQVK IC[339]ELYAK IFSVTNGGQERK	1 1 1
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	0.21	1.16	1.33	0.00	1	1	1	C[339]IVYYK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta large subunit) [MASS=104606]	*	4.11	*	*	*	2	3 3	DIPNENEAQFQIRDC[330]PLNAEAASSK GEIFELKAELNSDK	1 1

AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554]	*	1.94	*	*	*	1	2	LVEC[339]LETVLNKAQEPPKSK	1
AP2A2_HUMAN (O94973) AP-2 complex subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote [MASS=103960]	*	2.98	*	*	*	1	2	SNAPQIVAEMLSYLETADYSIREEIVLK	1
APCD1_HUMAN (Q8J025) Protein APCDD1 precursor (Adenomatosis polyposis coli down-regulated 1 protein) [MASS=58796]	0.00	5.45	1.80	0.00	1	1	3	HLHNGARITVQM[147]PPTIEGHWVSTGC[339]EVR	1
APMAP_HUMAN (Q9HDC9) Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480]	*	9.86	*	*	*	2	1 2	VYVSGLM[147]K GGADLFVENM[147]PGFDPNIRPSSSGGYWVGM[147]STIR	1 1
APOH_HUMAN (P02749) Beta-2-glycoprotein 1 precursor (Beta-2-glycoprotein I) (Apolipoprotein H) (Apo-H) (B2GPI) (Beta(2)GPI) (Activated protein C-binding protein) (APC inhibitor) (Anticardiolipin cofactor) [MASS=38298]	0.00	4.06	0.85	0.00	1	1	2	VC[339]PFAGILENGAVR	3
ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	*	6.27	*	*	*	3	3 2 2	DARYTNGHLFTTISVSGM[147]TMC[330]YAC[330]NK HGVQEC[330]ILLVTQR MDPRAQTPVPGKGPFR	1 1 1
ARI1B_HUMAN (Q8NFD5) AT-rich interactive domain-containing protein 1B (ARID domain-containing protein 1B) (Osa homolog 2) (hOsa2) (p250R) (BRG1-binding protein hELD/OSA1) (BRG1-associated factor 250b) (BAF250B) [MASS=236122]	0.00	5.86	7.38	0.00	1	8	3 2 3 3 2 3 3 3	NSM[147]TPNAPYQQGMSMPDVM[147]GRM[147]PYEPNK C[330]JC[330]VSNIVR HMDGMYGPPAKR KC[339]LIDIFGILMEYEVGDPSQK SGGSEAALK RHM[147]DGM[147]YGPPAKR EQEGKGDSEEQKEK M[147]QKVMPTVPTSQVTGPPPQPPIRR	1 1 1 1 1 1 1 1

ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	0.00	4.61	2.37	0.00	1	3	3	EETESKC[330]DSEGEDEEDM[147]EPC[330]LTGTKVK	1
							3	LVYHQGGC[339]DNIDSGAVWK	1
							2	ISFLQEKLEIR	1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	*	2.13	*	*	*	2	3	VEDSSSNGQAHHVVGVR	1
							3	NLSFEEGNVKLLAANRTC[330]LR	1
ARMX2_HUMAN (Q7L311) Armadillo repeat-containing X-linked protein 2 (Protein ALEX2) (ARM protein lost in epithelial cancers on chromosome X 2) [MASS=65683]	0.00	7.44	0.14	0.00	1	2	2	EKALM[147]AM[147]NNLSENYENQGR	1
							3	SDDPFIQQVALLTSLNNANYSCT[330]NQETIR	1
ARMX3_HUMAN (Q9UH62) Armadillo repeat-containing X-linked protein 3 (Protein ALEX3) (ARM protein lost in epithelial cancers on chromosome X 3) [MASS=42500]	*	4.49	*	*	*	1	3	RLKVYMNQVC[339]DDTITSR	3
ARTS1_HUMAN (Q9NZ08) Adipocyte-derived leucine aminopeptidase precursor (EC 3.4.11.-) (A-LAP) (ARTS-1) (Aminopeptidase PILS) (Puromycin-insensitive leucyl-specific aminopeptidase) (PILS-AP) (Type 1 tumor necrosis factor receptor shedding aminopeptidase r [MASS=105846]	0.00	5.27	2.12	0.00	1	2	2	EM[147]FDDVSYDKGAC[339]ILNM[147]LR	1
							3	EGELRILASTQFEPTAARM[147]AFPC[339]FDEPAFK	1
ARX_HUMAN (Q96QS3) Homeobox protein ARX (Aristaless-related homeobox) [MASS=58160]	0.00	10.14	1.15	0.00	1	3	2	EELAMRLDLTEAR	1
							2	RC[330]PVAATGAVAAAAAAVATEGGELSPK	1
							2	ISQAPQVSISRKSYR	1
ASM_HUMAN (P17405) Sphingomyelin phosphodiesterase precursor (EC 3.1.4.12) (Acid sphingomyelinase) (aSMase) [MASS=69851]	0.00	5.09	0.87	0.00	1	2	2	VHIIGHIPPGHC[330]LKSWSWNYR	1
							2	ALTTVTALVR	1
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	4.41	*	*	*	3	2	LIIVEGC[339]QR	1
							3	SAGIKVIM[147]VTGDHPITAKAIK	1
							2	LIIVEGC[330]QR	1
							2	FLM[147]VM[147]KGAPERILEK	1

AT131_HUMAN (Q9HD20) Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) [MASS=132954]	0.00	3.82	1.61	0.00	1	2	3	C[339]IVDEAMLTGESVPQM[147]KEPIEDLSPDR	1
							2	GRC[330]IVDEAMLTGESVPQMK	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	5.57	0.79	0.19	6	5	1	AC[330]VVHGSDLK	1
							2	NIAFFSTNC[330]VEGTAR	1
							2	C[339]SSILLHGK	1
							2	AC[330]VVHGSDLK	1
							2	C[330]SSILLHGK	1
							2	C[330]IELC[339]C[330]GSVKEM[147]RER	1
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	0.00	1.18	*	*	*	1	3	EDSPQSHVLVMK	1
							2	KYNTDC[330]VQGLTHSK	2
							3	SPDC[330]THDNPLETR	1
							2	VLGFC[330]HYYLPEEQFPK	4
							2	IISAHGC[330]K	3
							2	M[147]SVEEVC[330]R	1
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	9.28	0.54	0.42	24	7	2	SPDC[339]THDNPLETR	2
							1	SPDC[330]THDNPLETR	1
							2	VLGFC[339]HYYLPEEQFPK	1
							3	ILDRC[339]STILLQGKEQPLDEEMK	1
							1	IISAHGC[330]K	1
							2	YNTDC[330]VQGLTHSK	1
							2	KYNTDC[339]VQGLTHSK	2
							2	SPDC[330]THDNPLETR	5
AT1A4_HUMAN	0.00	2.14	*	*	*	1	2	VDASAAKIVVHGAEKDIQSK	1

AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	16.50	0.53	0.10	7	4	2	YNPNVLPVQC[330]TGKR	1
							2	EGKPC[330]IIIK	1
							2	YNPNVLPVQC[330]TGK	4
							1	VAPPGLTQIPQIK	1
							2	YNPNVLPVQC[339]TGK	1
AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	0.00	8.28	4.06	0.00	1	1	3	SC[339]GQVVEEWKEFVWNPRTHQFM[147]GR	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	0.82	1.25	0.90	0.00	1	1	2	SM[147]SVYC[330]TPNKPSR	1
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	*	1.92	*	*	*	1	3	AVNQDKKNMLFSGTNITSGK	1
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	1.00	5.17	*	*	*	3	3	HLDAC[330]ETM[147]GNATAIC[330]SDK	1
							2	HLDAC[330]ETM[147]GNATAIC[330]SDK	1
							3	TGTLTM[147]NRM[147]TVVQAYINEKHYK	1
							2	AKAQDGAAMEM[147]QPLKSEEGDGDEK	1
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	11.02	*	*	*	5	2	QVGNKTEC[330]GLLGFVLDLK	1
							3	YGDLLPADGLFIQGNLDKIDESSLTGESDQVR	1
							2	IEDSQPHIPLIDDTDLEEDAALK	1
							3	GVKKGDGLQLPAADGAAASNAADSANASLVNGK	1
							2	QVGNKTEC[339]GLLGFVLDLK	1
							3	PLISRTM[147]M[147]KNILGHAVYQLALIFTLLFVGEK	1
AT2B3_HUMAN	1.00	0.98	0.72	0.00	2	1	2	KIIEPMAC[330]DGLR	1

AT2C1_HUMAN (P98194) Calcium-transporting ATPase type 2C member 1 (EC 3.6.3.8) (ATPase 2C1) (ATP-dependent Ca(2+) pump PMR1) [MASS=100577]	0.00	6.75	1.61	0.00	1	3	2 2 3	DSILTKNLILKILVSSIIIVC[330]GTLFVFWR SNIAFM[147]GTLVRC[330]GKAK SLEELSKLVPPEC[339]HC[339]VR	1 1 1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.00	2.34	1.77	0.00	2	1	1	C[339]IADLK	3
AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase IA (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	*	3.61	*	*	*	2	2 2	NMGMIIVINEGSLDGTRETLSR TSLADQEEVRTIFINQPQLTK	1 1
ATD3A_HUMAN (Q9NVI7) ATPase family AAA domain-containing protein 3A [MASS=71369]	*	12.15	*	*	*	4	3 2 3 3	INEMVHFDLPGQEERER ATVEREM[147]ELRHK EGVTAMHKLFDWANTSRR LALHSGMDYAIMTGGDVAPM[147]GREGVTAMHK	1 1 1 1
ATD3B_HUMAN (Q5T9A4) ATPase family AAA domain-containing protein 3B [MASS=72572]	*	6.94	*	*	*	2	3 3	IDVM[147]VHFDLPQQEERERLVR DGVLTEAMM[147]DAC[330]VQDAVQQYRQKMR	1 1
ATF6B_HUMAN (Q99941) Cyclic AMP-dependent transcription factor ATF-6 beta (Activating transcription factor 6 beta) (ATF6-beta) (cAMP-responsive element-binding protein-like 1) (cAMP response element-binding protein-related protein) (Creb-rp) (Protein G13) [MASS=76709]	0.00	2.84	0.52	0.00	1	1	2	GAPGDYEEMM[147]QIEC[330]EVM[147]DTR	1
ATF7_HUMAN (P17544) Cyclic AMP-dependent transcription factor ATF-7 (Activating transcription factor 7) (Transcription factor ATF-A) [MASS=52967]	*	6.48	*	*	*	1	3	MRLKATLTHQVSSINGGC[330]GMVVGTASTM[147]VTAR	1
ATG4C_HUMAN (Q96DT6) Cysteine protease ATG4C (EC 3.4.22.-) (Autophagy-related protein 4 homolog C) (Autophagin-3) (Autophagy-related cysteine endopeptidase 3) (AUT-like 3 cysteine endopeptidase) [MASS=52497]	0.00	5.24	0.48	0.00	1	1	2	TLPAESGC[330]TIEDHVIAGNVEEFRK	1
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	0.00	14.00	1.39	0.00	1	1	2 1 1	YSQIC[339]AK YSQIC[330]AK YSQIC[339]AK	1 1 1

ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	1.00	16.18	1.82	0.08	5	1	2	IC[339]SLHSLPPQS	4
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	1.87	0.04	4	1	2	IC[330]SLHSLPPQS	1
							2	GLC[339]GAIHSSIAK	2
							2	GLC[330]GAIHSSIAK	2
ATRN_HUMAN (O75882) Attractin precursor (Mahogany homolog) (DPPT-L) [MASS=158536]	0.00	4.62	1.06	0.00	1	3	3	DKIYM[147]YGGKIDSTGNVTNELR	1
							2	MPSQAPTGNFYQPQLLNSSM[147]C[330]LEDSR	1
							2	SVNNVVVRYGHSLALYKDK	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	*	4.90	*	*	*	3	3	AQLLPDAVC[330]TSEPKPRM[147]HEAC[339]LLQR	1
							3	C[330]ETKFM[147]PAAEGTIC[330]GHDM[147]WC[339]R	1
							3	PRM[147]HEAC[339]LLQRC[330]HK	1
ATS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	*	1.37	*	*	*	1	2	WVAGPWSPC[339]SATC[330]EK	1
ATX7_HUMAN (O15265) Ataxin-7 (Spinocerebellar ataxia type 7 protein) [MASS=95451]	*	5.16	*	*	*	3	2	LDC[330]HYSGHHPQPASFC[330]TFGSRQIGR	1
							3	IM[147]TPSVKVEKIHPK	1
							2	THSLTQR	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	*	2.44	*	*	*	2	2	WDPTARIPPPKC[330]LPSQHK	1
							1	HVPLTR	1
B4GT7_HUMAN (Q9UBV7) Beta-1,4-galactosyltransferase 7 (EC 2.4.1.-) (Beta-1,4-GalTase 7) (Beta4Gal-T7) (b4Gal-T7) (UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 7) (UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 7) [Includes: X [MASS=37406]	*	9.17	*	*	*	1	3	TALSVGGAPC[330]TVLNIM[147]LDC[330]DKTATPWC[330]TFS	1

BAZ2A_HUMAN (Q9UIF9) Bromodomain adjacent to zinc finger domain 2A (Transcription termination factor I-interacting protein 5) (TTF-I-interacting protein 5) (Tip5) (hWALp3) [MASS=208360]	0.00	2.29	1.78	0.00	1	2	3	QQM[147]ILEEM[147]KKPTEDM[147]C[330]LTDHQPLPDFSR	1
							2	SEVEM[147]EGPEEC[330]LGRR	1
BBS10_HUMAN (Q8TAM1) Bardet-Biedl syndrome 10 protein [MASS=80837]	0.34	4.70	0.99	0.00	1	2	2	NRLTDYYEPLLK	1
							2	C[339]HQSEETM[147]VSM[147]IIANALLGIPK	1
BBS2_HUMAN (Q9BXC9) Bardet-Biedl syndrome 2 protein [MASS=79870]	*	2.22	*	*	*	1	2	DAIRSNNTLTKIMR	1
BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	*	9.96	*	*	*	4	3	QC[339]GGSLGAC[330]YDKALDK	1
							2	VSEPVEIGIQVTPDEDDHLLSPTK	1
							3	ENGGGGVPGVPGAGGGAALADEK	1
							2	LRELAGNSSTPPVSPGRGNPMHR	1
BCAR1_HUMAN (P56945) Breast cancer anti-estrogen resistance protein 1 (CRK-associated substrate) (p130cas) [MASS=93361]	0.00	5.52	0.86	0.00	1	2	2	GDIMTVLEQDTQGLDGWWLC[330]SLHGR	1
							3	QAKAADVRSQVTHYSNLLC[339]DLLR	1
BIRC4_HUMAN (P98170) Baculoviral IAP repeat-containing protein 4 (Inhibitor of apoptosis protein 3) (X-linked inhibitor of apoptosis protein) (X-linked IAP) (IAP-like protein) (HILP) [MASS=56685]	0.00	3.42	0.19	0.00	1	2	1	VSPNC[339]R	1
							2	C[330]PMC[330]YTVITFK	1
BNC2_HUMAN (Q6ZN30) Zinc finger protein basonuclein-2 [MASS=122329]	*	1.27	*	*	*	1	3	ATSGAATPVIASK	1
BPA1_HUMAN (Q03001) Bullous pemphigoid antigen 1 isoforms 1/2/3/4/5/8 (230 kDa bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=372207]	*	3.70	*	*	*	5	2	QHVIDVQLIDGKYQADQLVQR	1
							2	HHVTMSERTFPNNPVELK	1
							2	LESGVQFQNEAEIAGYILEC[339]ENLLR	1
							2	LKTVNLVLKNTQAAEALVK	1
							3	WKVISPTGNEAMVPSVC[339]FTVPPPKEAVDLNR	1
BPAEB_HUMAN (Q8WXK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	*	1.14	*	*	*	1	3	ELSKAKEIISAASPTTIPVLDALAQSMITESMAIK	1

BPIL1_HUMAN (Q8N4F0) Bactericidal/permeability-increasing protein-like 1 precursor (Long palate, lung and nasal epithelium carcinoma-associated protein 2) (RYSR) [MASS=49172]	*	2.84	*	*	*	1	2	QFPEPM[147]PVVLKVR	2
BRAP_HUMAN (Q7Z569) BRCA1-associated protein (EC 6.3.2.-) (BRAP2) (Impedes mitogenic signal propagation) (IMP) (RING finger protein 52) (NY-REN-63 antigen) [MASS=67290]	*	4.05	*	*	*	1	2	EM[147]TDVIIETM[147]KSNPDELKTTVEER	1
BRCA1_HUMAN (P38398) Breast cancer type 1 susceptibility protein (RING finger protein 53) [MASS=207720]	*	3.33	*	*	*	3	2	GDVVNGRNHQGPK	1
							2	TPEMINQGTNQTEQNGQVM[147]NITNSGHENK	1
							3	C[339]SNTSELKEFVNPSLPREEK	1
BRD1_HUMAN (O95696) Bromodomain- containing protein 1 (BR140-like protein) [MASS=119519]	0.00	8.03	2.09	0.26	3	4	3	ANC[339]YTAFHVTC[339]AQKAGLYM[147]KM[147]EPVK	1
							3	KGDC[339]VPAVSQSMFEFLM[147]DR	1
							3	ISIFDPLEIILEDLTAQEMSEC[339]NSNK	1
							2	ANC[330]YTAFHVTC[330]AQK	1
BRSK1_HUMAN (Q8TDC3) BR serine/threonine-protein kinase 1 (EC 2.7.11.1) (SAD1 kinase) (SAD1A) [MASS=86753]	0.00	4.53	1.20	0.00	1	2	2	HEPDPC[330]LEPAPGR	1
							2	SLPSNGELDPDVLESMAISLGC[339]FR	1
BRSK2_HUMAN (Q8IWQ3) BR serine/threonine-protein kinase 2 (EC 2.7.11.1) (Serine/threonine-protein kinase 29) (SAD1B) [MASS=81607]	*	3.12	*	*	*	1	2	LSKC[330]GSPLSNFFDVIKQLFSDEK	1
BRWD1_HUMAN (Q9NSI6) Bromodomain and WD repeat domain-containing protein 1 (WD repeat protein 9) [MASS=262918]	*	4.01	*	*	*	4	3	YM[147]VSTGADGTVC[330]FWQWDLESCLKFSRPLK	1
							2	LKAESISEEADSEPGRSGGR	1
							3	SPESSILDGMIRQLQQQQDQR	1
							3	VTMIAWNQNDSIVVTAVNDHVLK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	0.00	1.78	1.71	0.00	1	4	2	DAC[339]ELESGETPC[339]VVR	1
							2	HGARVEKYGPQPM[147]GPK	1
							2	AAREKPLSASDGEGGTPQPSR	1
							3	PPSAPAGGGQLPAAGAAR	1
BSPRY_HUMAN (Q5W0U4) B box and SPRY domain-containing protein [MASS=44381]	*	8.46	*	*	*	2	2	TGLVGMLTHLDDLQLIQKEQEIER	1
							1	AVSMASAAR	1

C163A_HUMAN (Q86VB7) Scavenger receptor cysteine-rich type 1 protein M130 precursor (CD163 antigen) (Hemoglobin scavenger receptor) [Contains: Soluble CD163 (sCD163)] [MASS=125436]	0.00	5.10	0.81	0.00	1	3	2	DVGVC[330]SRYTEIRLVNGK	1
							2	VC[330]DRGWGLKEADVVC[339]R	1
							3	IWMHDHVC[330]RGNESALWDC[339]KHDGWGK	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	9.57	1.46	0.04	4	1	2	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	2
							3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	2
C2TA_HUMAN (P33076) MHC class II transactivator (CIITA) [MASS=123456]	*	2.12	*	*	*	1	3	HIGPDEVIGESM[147]EMPAEVGQKSQK	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.31	0.04	4	1	2	SLC[330]LGPALIHTAK	2
							2	SLC[339]LGPALIHTAK	2
							2	FEPSVIVTPLVESK	1
							1	KNISALIK	1
							2	IVPIIAPPSSEQEIMHMLRMIRK	1
C8AP2_HUMAN (Q9UKL3) CASP8-associated protein 2 (FLICE-associated huge protein) [MASS=222656]	*	4.14	*	*	*	5	3	C[330]PSSLSNSRTHK	6
							3	AAAPVMDVLQTDVSNFGLDTK	1
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.82	4.12	1.10	0.00	1	2	2	NQLILGVM[147]GVDVSLEDIK	1
							3	FTLC[330]PNGYYFAIDPNGYVLLHPNLQPK	1

CACP_HUMAN (P43155) Carnitine O-acetyltransferase (EC 2.3.1.7) (Carnitine acetylase) (CAT) (Carnitine acetyltransferase) (CrAT) [MASS=70925]	*	0.80	*	*	*	1	1	GYTDR	1
CAD13_HUMAN (P55290) Cadherin-13 precursor (Truncated-cadherin) (T-cadherin) (T-cad) (Heart-cadherin) (H-cadherin) (P105) [MASS=78286]	*	2.52	*	*	*	1	2	VNSDGGGLVALRNITAVGK	1
CAD23_HUMAN (Q9H251) Cadherin-23 precursor (Otocadherin) [MASS=369522]	0.00	0.92	2.21	0.00	1	2	2	VVASDAGTPTK	1
							2	FDFTSDSAVSIPEDC[339]PVGQR	1
CALD1_HUMAN (Q05682) Caldesmon (CDM) [MASS=93249]	*	4.41	*	*	*	2	3	AEFLNKSQKSSGVK	1
							2	MQNDAENETTEKEEKSESR	1
CALU_HUMAN (O43852) Calumenin precursor (Crocabin) (IEF SSP 9302) [MASS=37107]	*	6.03	*	*	*	1	3	QWKGHDLNEDGLVSWEYK	1
CAN11_HUMAN (Q9UMQ6) Calpain-11 (EC 3.4.22.-) (Calcium-activated neutral proteinase 11) (CANP 11) [MASS=80582]	*	3.13	*	*	*	1	3	SSLM[147]GC[339]SIEVTSDSELESM[147]TDK	1
CAN3_HUMAN (P20807) Calpain-3 (EC 3.4.22.-) (Calpain L3) (Calpain p94) (Calcium-activated neutral proteinase 3) (CANP 3) (Muscle-specific calcium-activated neutral protease 3) (nCL-1) [MASS=94253]	*	2.80	*	*	*	1	3	THGFTLESC[339]RSMIALM[147]DTDGSGK	1
CASL_HUMAN (Q14511) Enhancer of filamentation 1 (HEF1) (CRK-associated substrate-related protein) (CAS-L) (CasL) (p105) (Protein NEDD9) (NY-REN-12 antigen) [MASS=92860]	0.00	5.40	1.07	0.00	1	2	3	LQRLQQALEMGVSSLMALVTTDWRC[330]YGYMER	1
							2	YNC[330]DIPGAAEPVAR	1
CASPA_HUMAN (Q92851) Caspase-10 precursor (EC 3.4.22.-) (CASP-10) (ICE-like apoptotic protease 4) (Apoptotic protease Mch-4) (FAS-associated death domain protein interleukin-1B-converting enzyme 2) (FLICE2) [Contains: Caspase-10 subunit p23/17; Caspase-1] [MASS=58950]	*	6.53	*	*	*	2	3	DAEILSHVFQWLGFTHVHHNNVTK	1
							2	PPMRRWSSVS	1
CASR_HUMAN (P41180) Extracellular calcium-sensing receptor precursor (CaSR) (Parathyroid Cell calcium-sensing receptor) [MASS=120673]	*	2.60	*	*	*	1	3	M[147]AFYSC[339]C[339]WVLLALTWHTSAYGPDQRAQK	1

CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	*	7.52	*	*	*	2	2	2	QPGITFIAAK VERQVFGKATKQPGITFIAAK	1 1
CC026_HUMAN (Q9BQ75) Protein C3orf26 [MASS=31812]	*	12.19	*	*	*	2	2	2	MM[147]DIPEIRKEVFELLEMGVLSLC[339]K LM[147]KDYSSRR	1 1
CCAR1_HUMAN (Q8IX12) Cell division cycle and apoptosis regulator protein 1 (Cell cycle and apoptosis regulatory protein 1) (CARP-1) (Death inducer with SAP domain) [MASS=132820]	*	2.61	*	*	*	1	2	2	GKDEAM[147]AIGGHWSPSLDGPDPKDPVLIK	1
CCD44_HUMAN (Q9BSH4) Coiled-coil domain-containing protein 44 [MASS=32477]	*	8.08	*	*	*	1	2	2	ETEDDEERNVFKFIC[339]DASSLHQVR	1
CCD45_HUMAN (Q96GE4) Coiled-coil domain-containing protein 45 [MASS=95296]	0.00	1.83	5.45	0.00	1	1	2	2	YYDDYRVQLC[339]AKM[147]MR	1
CCND1_HUMAN (P24385) G1/S-specific cyclin-D1 (PRAD1 oncogene) (BCL-1 oncogene) [MASS=33729]	*	5.08	*	*	*	1	2	2	C[330]EEEVFLAM[147]NYLDR	1
CCNH_HUMAN (P51946) Cyclin-H (MO15-associated protein) (p37) (p34) [MASS=37643]	0.00	4.33	0.17	0.00	1	1	2	2	TC[330]LSQLLDIM[147]KSM[147]R	1
CD2L5_HUMAN (Q14004) Cell division cycle 2-like protein kinase 5 (EC 2.7.11.22) (CDC2-related protein kinase 5) (Cholinesterase-related cell division controller) [MASS=164922]	0.00	0.73	8.57	0.00	1	1	2	2	QLMEGLDYC[339]HK	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.57	0.02	2	2	2	2	LRENELTYYC[330]C[330]K FEHC[330]NFNDVTTR	1 1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.99	6.78	0.56	0.00	1	1	2	2	NNLC[330]PSGSNIISNLFK	1

CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	27.31	0.96	0.03	4	3	3	EVQEFYKDTYNK	1
							3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK	2
							3	YLLFGFNFIWLAGIAVLAIGLWLR	1
							3	AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	2
CDAN1_HUMAN (Q8IWY9) Codanin-1 [MASS=133996]	*	2.04	*	*	*	1	3	QFAVLLSLRLLAKFLGFVAFLPYR	1
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP- binding protein) [MASS=21310]	*	8.38	*	*	*	1	2	MQTIKC[330]VVVGDAVGK	1
CE152_HUMAN (O94986) Centrosomal protein of 152 kDa (Cep152 protein) [MASS=147344]	*	4.16	*	*	*	2	2	EKQEEIHRIQEQQEQDYR	1
							3	DSASQGTGQGDPGPAAGHHAQPLALQATEAEADKK	1
CEA20_HUMAN (Q6UY09) Carcinoembryonic antigen-related cell adhesion molecule 20 precursor [MASS=64502]	*	1.20	*	*	*	1	1	LVSTVPK	1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	9.38	0.73	0.00	1	4	2	SC[339]M[147]LQADSEKLQAWIK	1
							3	LM[147]C[330]ELGNDVINRVYEANVEKM[147]GIK	1
							3	M[147]KMTVDFEEC[330]LK	2
							3	LM[147]C[330]ELGNDVINRVYEANVEK	1
CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	*	3.05	*	*	*	3	3	NEQDFKSGLGITIIPM[147]NVANVKQVDR	1
							3	IKEEPSKILSGNK	2
							2	DEELHMDSPVEKR	1
CENPE_HUMAN (Q02224) Centromeric protein E (CENP-E protein) [MASS=312088]	0.00	1.84	0.23	0.00	1	2	2	PLNSREESLGETAQVYWK	1
							3	IC[330]QVNNFFNNRIAIMNESTEFEEERSATISK	1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	*	2.34	*	*	*	5	2	KAVM[147]SGIHPAEDTEGTEFEPEGLPEVVKK	1
							3	ATEQSLDPPIEEHQLR	1
							2	LALSPLSLGK	1
							1	SM[147]EEMK	1
							2	EDLTNELQKEQER	1
CEP35_HUMAN (Q5VT06) Centrosome- associated protein 350 (Centrosome- associated protein of 350 kDa) [MASS=350928]	*	2.92	*	*	*	5	3	VAQLSSTEC[339]RTGSSHLISTSSWR	1
							2	VLIGNVQPGILRFKGETSFAK	1
							2	PEGNNNGTYDGIAYFEC[330]K	1
							2	GHHDDSDEEASPEK	1
							3	SQKTPTSPLSPSSQK	1

Protein	Score	Length	Mass	Charge	Count	Count	Count	Count	Count
CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-.-) (Zinc finger protein Cezanne 2) (OTU domain-containing protein 7) [MASS=100676]	0.00	5.51	0.13	0.00	1	3	3	SPPAPARQSVIHVQASGARDEAC[330]APAVGALR	1
							2	ENC[330]AFYGR	1
							2	DEAC[339]APAVGALR	1
CF049_HUMAN (Q2TBC4) Protein C6orf49 [MASS=37551]	0.00	2.33	0.45	0.00	1	1	2	LEGHTC[330]EK	1
							2	M[147]TVRYGKFLSLLK	1
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	*	5.69	*	*	*	4	3	EVPTC[339]VIDIIDRLIILNSEAKIR	1
							2	QTEWIENC[339]QRQFC[330]KMMK	1
							2	ILKFC[339]AQTFLLSPLHMTK	1
CFAB_HUMAN (P00751) Complement factor B precursor (EC 3.4.21.47) (C3/C5 convertase) (Properdin factor B) (Glycine-rich beta glycoprotein) (GBG) (PBF2) [Contains: Complement factor B Ba fragment; Complement factor B Bb fragment] [MASS=85532]	0.00	3.93	0.53	0.00	1	1	3	DM[147]ENLEDVFYQM[147]IDESQSLSLC[330]GMVWEHRK	1
CFTR_HUMAN (P13569) Cystic fibrosis transmembrane conductance regulator (CFTR) (cAMP-dependent chloride channel) (ATP-binding cassette transporter sub-family C member 7) [MASS=168172]	*	3.99	*	*	*	3	3	M[147]AVTRQFPWAVQTWYDSLGAINK	2
							3	RLSQETGLEISEEINEEDLK	1
							2	ISFC[330]SQFSWIM[147]PGTIK	1
CG028_HUMAN (O95766) Protein C7orf28 [MASS=55866]	0.00	3.11	1.83	0.00	1	1	2	QC[339]YSMYKLFNGTFLK	1
							2	C[339]EFQDAYVLLSEK	3
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	19.72	1.72	0.00	3	6	3	KISSIQSIVPALEIANAHR	1
							3	MLRLPTVFRQM[147]R	1
							3	TLKIPAMTIAKNAGVEGSLIVEK	2
							2	EEKDPGM[147]GAMGGMGGGMGGGMF	1
							3	KQSKPVTTPEEIAQVATISANGDK	1
							2	C[330]EFQDAYVLLSEK	1
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	0.99	12.33	1.32	0.00	1	3	2	YESHPVC[339]ADLQAK	1
							2	ILQC[339]YR	1
							2	AAANEQLTR	1

CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	31.06	1.17	0.16	3	5	1	YEQEHAAIQDK	1
							3	ESTLPRSGSSGGQQPSGM[147]KEGVK	2
							2	C[339]VSAAHKG	1
							2	VEPVC[339]SGLQAQILHC[339]YR	1
CHD9_HUMAN (Q3L8U1) Chromodomain-helicase-DNA-binding protein 9 (EC 3.6.1.-) (ATP-dependent helicase CHD9) (CHD-9) (Chromatin-related mesenchymal modulator) (CReMM) (Chromatin remodeling factor CHROM1) (Peroxisomal proliferator-activated receptor A-inter [MASS=326004]	0.00	1.69	1.54	0.00	1	2	2	DRPHEVLLC[339]SDLVK	1
							3	FQAIITTFEM[147]ILGGC[339]GELNAIEWR	1
							2	LLDSPGAATEYSEPSVPTPPGAGVK	1
CHST5_HUMAN (Q9GZS9) Carbohydrate sulfotransferase 5 (EC 2.8.2.-) (N-acetylglucosamine 6-O-sulfotransferase 3) (GlcNAc6ST-3) (Intestinal GlcNAc-6-sulfotransferase) (Intestinal N-acetylglucosamine-6-O-sulfotransferase) (I-GlcNAc6ST) (hIGn6ST) (Galactose/N [MASS=43832]	*	3.33	*	*	*	1	3	ALC[339]SPPAC[330]SAFPR	1
CI004_HUMAN (Q9P0K9) Protein C9orf4 (Brain protein CG-6) [MASS=37270]	*	4.07	*	*	*	1	2	AGGLGGGSVPARAR	1
							3	MGNLVIPLGKGGRAGR	3
CI079_HUMAN (Q6ZUB1) Protein C9orf79 [MASS=157135]	*	1.80	*	*	*	2			
							2	TVLESGKPKPR	1
CI114_HUMAN (Q5T280) Protein C9orf114 [MASS=41996]	0.00	3.99	1.14	0.00	1	1	2	LNQQQHPDC[339]KTYHGK	1
CI121_HUMAN (Q5VZ03) Thioredoxin domain-containing protein C9orf121 [MASS=17614]	0.00	9.62	1.09	0.00	1	1	2	VVALYFAAARC[339]APSR	1
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	*	1.24	*	*	*	2	3	RPMNAFMIFSKR	1
							2	FAELPEFR	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	8.37	1.46	0.06	2	4	1	LPC[339]VAAK	1
							2	PKSM[147]STEGLM[147]KFVDSK	1
							2	YTC[339]QR	1
							3	PKSMSTEGLM[147]K	1

							2	IVHAFDM[147]EDLGDKAVYC[339]R	3
							2	IVHAFDM[147]EDLGDKAVYC[330]R	2
							2	KFPFC[330]DGAHTK	3
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.63	0.04	18	3	2	FPFC[339]DGAHTK	4
							2	KFPFC[339]DGAHTK	4
							1	FPFC[339]DGAHTK	1
							3	IVHAFDM[147]EDLGDKAVYC[339]R	2
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	*	0.48	*	*	*	1	2	KARGNLELR	1
CLAT_HUMAN (P28329) Choline O-acetyltransferase (EC 2.3.1.6) (CHOACTase) (Choline acetylase) (ChAT) [MASS=82567]	0.00	2.01	1.24	0.00	1	1	2	C[330]SPEIQGHLASSAEK	1
CLC4C_HUMAN (Q8WTT0) C-type lectin domain family 4 member C (C-type lectin superfamily member 7) (Blood dendritic cell antigen 2 protein) (BDCA-2) (Dendritic lectin) (CD303 antigen) [MASS=25037]	0.00	7.04	1.08	0.00	1	1	2	NC[339]SVMGADLVVINTR	2
							2	IHEGC[330]EEPATHNALAK	2
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	0.99	3.41	0.53	0.08	2	3	2	VLRAAEQAHLWAELVFLYDK	1
							2	C[330]NEPAVWSQLAKAQLQKGMVK	1
CLK2_HUMAN (P49760) Dual specificity protein kinase CLK2 (EC 2.7.12.1) (CDC-like kinase 2) [MASS=60090]	0.00	6.01	0.84	0.00	1	2	2	EHLAMMERILGPIPSRM[147]IR	1
							2	HM[147]AFQLC[330]QAVK	1

CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	2.36	1.15	0.03	2	1	2	DIPFSAIYFPVYAHC[339]K	1
							2	DIPFSAIYFPVYAHC[330]K	1
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	0.98	16.40	1.39	0.00	1	4	3	APPGC[339]LTPERIPVHHISQDPLHYSIASVSASQK	1
							3	IPGISSTGVGDGGNELGMGK	1
							3	IRELESM[147]IGIDPGNRGIGHLLC[339]K	1
							3	AC[339]C[339]SLGGEQGPVHM[147]GDPELLGIK	1
							2	RPPGVLHC[339]TTK	2
							3	AHITLGC[339]AADVEAVQTGLDLLEILR	1
							1	RPPGVLHC[330]TTK	1
							3	DKPELQFPFLQDEDTVATLLEC[330]K	1
							3	DKPELQFPFLQDEDTVATLLEC[339]K	2
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	24.47	0.92	0.11	16	7	2	FC[330]DYGKAPGAEEYAQQDVLK	1
							2	RLDEDLAAYC[330]R	1
							1	FC[330]DYGK	1
							2	LDC[330]AQLK	1
							2	RLDEDLAAYC[339]R	1
							2	RPPGVLHC[330]TTK	1
							2	DKPELQFPFLQDEDTVATLLEC[330]K	2
							2	AHITLGC[339]AADVEAVQTGLDLLEILR	1
							1	FC[339]DYGK	1
CNGB1_HUMAN (Q14028) Cyclic nucleotide-gated cation channel 4 (CNG channel 4) (CNG-4) (CNG4) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=102284]	0.00	1.65	*	*	*	1	2	KDLNEILVHYPESQK	1
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	0.99	2.65	0.60	0.11	2	2	2	VIIIEC[330]KPK	1
							2	GM[147]VLLC[330]DPPYHFPDDLSTYR	1
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.31	5.42	0.90	0.00	1	5	3	LNLDTEMFIGGLVGAARKNLAYR	1
							1	ITFEGK	1
							1	FPRGVSR	1
							2	VQGELSESNC[339]GAM[147]PR	1
							2	AVATQGSFNSWDVWTRYMLLYGDR	1

CNTP2_HUMAN (Q9UHC6) Contactin-associated protein-like 2 precursor (Cell recognition molecule Caspr2) [MASS=148166]	0.00	12.40	1.09	0.00	1	6	3	C[330]TC[330]DETGYSGATC[330]HNSIYEPSC[330]EAYK	1
							3	VTSGFISGC[339]SGHC[330]TSYGTNC[330]ENGGKC[330]LER	1
							3	M[147]QAAPRAGC[330]GAALLLWIVSSC[339]LC[339]R	1
							2	APC[339]ILLYISSFTTDFLAVLVKPTGSLQIR	1
							3	GTYHTNEAKGAESAESAADAAMNNDPNFTETIDESKK	1
							3	YHGYSC[339]DC[339]SNTAYDGTFC[330]NK	1
CO039_HUMAN (Q6ZRI6) Uncharacterized protein C15orf39 [MASS=110788]	0.00	2.01	1.12	0.00	1	1	2	SSRPDQPSPC[339]PQLLDSQSHHL	1
CO2A1_HUMAN (P02458) Collagen alpha-1(II) chain precursor [Contains: Chondrocalcin] [MASS=134491]	*	5.08	*	*	*	2	3	GRTGPAGAAGARGNDGQPGPAGPPGPVGPAGGPGFPGAPGAK	1
							3	PGPPGPQGARGQPGVMGFPGPKGANGEPGK	1
CO4A4_HUMAN (P53420) Collagen alpha-4(IV) chain precursor [MASS=164095]	*	4.85	*	*	*	3	2	GHPGPPGVLVTPPLPLKGPPGDPGFPGR	1
							2	GIPGMVGLPGPPGRKGESGIGAK	1
							3	IPGLPGAPGMRGPEGAMGLPGM[147]RGPPGPGC[330]JK	1
CO6A1_HUMAN (P12109) Collagen alpha-1(VI) chain precursor [MASS=108547]	*	1.56	*	*	*	1	2	M[147]PGGRDALKSSVDAVK	1
COA2_HUMAN (O00763) Acetyl-CoA carboxylase 2 (EC 6.4.1.2) (ACC-beta) [Includes: Biotin carboxylase (EC 6.3.4.14)] [MASS=279692]	*	1.69	*	*	*	2	2	TFVQSKKNILVDYGLR	1
							2	IGSFGPGEDLLYLRASEM[147]ARAEAIKP	1
COAC_HUMAN (Q96CD2) Phosphopantothienoylcysteine decarboxylase (EC 4.1.1.36) (PPC-DC) (CoaC) [MASS=22413]	*	7.84	*	*	*	1	2	MEPKASC[339]PAAAPLMER	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	0.74	8.48	0.61	0.07	2	2	1	C[330]TLAEK	1
							2	M[147]LPDKDC[330]R	2
COG3_HUMAN (Q96JB2) Conserved oligomeric Golgi complex component 3 (Vesicle docking protein SEC34 homolog) (p94) [MASS=93964]	*	6.41	*	*	*	2	3	SGSTESLNPRPQTTISPADLHGM[147]WYPTVRR	1
							3	PAPGDLAYPDKLVMMEQIAQSLK	1
COPB_HUMAN (P53618) Coatomer subunit beta (Beta-coat protein) (Beta-COP) [MASS=107139]	*	6.61	*	*	*	3	2	EDQFQLSLLAAM[147]GNTQRK	1
							3	LVTEM[147]GTYATQSALSSSRPTK	1
							3	ISLC[339]LKVLSEC[330]SPLM[147]NDIFNKEC[339]R	1
COQ7_HUMAN (Q99807) Ubiquinone biosynthesis protein COQ7 homolog (Coenzyme Q biosynthesis protein 7 homolog) (Timing protein clk-1 homolog) [MASS=24307]	0.00	12.44	0.88	0.00	1	2	2	TLMEEDPEKYEELLQLIKK	1
							2	SIIQAGC[339]R	1

COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.48	40.31	1.46	0.09	3	3	3	GLDPYNNVLAPKGASGTR	1
							2	C[339]GAHYK	1
							1	C[330]GAHYK	1
							3	GPSGAAAM[147]RSMASGGGVPTDEEQATGLER	1
							1	C[339]GAHYK	4
CP045_HUMAN (Q96MC5) Uncharacterized protein C16orf45 [MASS=23732]	*	5.88	*	*	*	1	2	QELQNLVAIPEK	1
CP135_HUMAN (Q66GS9) Centrosomal protein of 135 kDa (Cep135 protein) (Centrosomal protein 4) [MASS=133503]	*	3.33	*	*	*	2	3	KESTQTTAPHNIVSLMEK	1
							3	KESTQTTAPHNIVSLMEKEK	1
CP26A_HUMAN (O43174) Cytochrome P450 26A1 (EC 1.14.-.-) (Retinoic acid-metabolizing cytochrome) (P450 retinoic acid-inactivating 1) (P450RAI) (hP450RAI) (Retinoic acid 4-hydroxylase) [MASS=56162]	0.00	2.21	2.47	0.00	1	1	3	EELKSKGLLC[339]K	1
CP27B_HUMAN (O15528) 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial precursor (EC 1.14.13.13) (Cytochrome P450 subfamily XXVIIIB polypeptide 1) (Cytochrome p450 27B1) (Calcidiol 1-monooxygenase) (25-OHD-1 alpha-hydroxylase) (25-hydroxyvitamin D(3) [MASS=56504]	*	3.94	*	*	*	1	2	VRWAPELGASLGYREYHSAR	1
CP2A7_HUMAN (P20853) Cytochrome P450 2A7 (EC 1.14.14.1) (CYP1IA7) (P450-IIA4) [MASS=56408]	*	5.06	*	*	*	1	3	RYC[339]FGEGLARM[147]ELFLFFTVMQNFR	1
CP2B6_HUMAN (P20813) Cytochrome P450 2B6 (EC 1.14.14.1) (CYP1IB6) (P450 IIB1) [MASS=56278]	*	2.44	*	*	*	1	3	PVVMLC[330]GVEAIR	1
CQ10B_HUMAN (Q9H8M1) Protein COQ10 B, mitochondrial precursor [MASS=27070]	*	12.61	*	*	*	1	3	TC[339]TLDFSISFEFRSLHSQLATLFFDEVVK	1
CR2_HUMAN (P20023) Complement receptor type 2 precursor (Cr2) (Complement C3d receptor) (Epstein-Barr virus receptor) (EBV receptor) (CD21 antigen) [MASS=112973]	*	1.55	*	*	*	1	2	C[330]NAQGTWEPSAPVC[339]EK	1

CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	6.47	1.36	0.00	2	2	3	FVLSSGKFYGDEEK	1
							2	HEQNIDC[339]GGGYVK	1
							2	HEQNIDC[330]GGGYVK	1
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.24	2.87	0.86	0.00	1	1	2	GVKPAHC[330]EK	1
CSMD3_HUMAN (Q7Z407) CUB and sushi domain-containing protein 3 precursor (CUB and sushi multiple domains protein 3) [MASS=401695]	0.00	3.02	2.02	0.00	1	5	2	DVLRFECC[339]QFGFELIGEK	1
							3	IYDGKDKTTHLLGAFTGASM[147]R	1
							3	SGFAIQFSSSVATAC[330]RDPGVPM[147]NGTRNGDGR	1
							2	TFHLAQGDVLK	1
							3	KM[147]KEENWAMDGFVSAEPDGATYVFQGFQGGK	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	2.39	0.48	0.20	4	4	3	SPQETYDVYC[330]YVDHLDGDVHFLTVPK	1
							3	SILWM[147]C[330]STLIVTHALHK	1
							2	FTFEEAAKEC[330]ENQDAR	3
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	*	1.67	*	*	*	2	2	ETTVLVAQNGNIKIGQDYKGR	1
							1	GLHMQK	1
							2	GWHKFQGHCC[339]YRYFAHR	1
CT032_HUMAN (Q9NQ75) HEF-like protein [MASS=87144]	*	6.74	*	*	*	2	2	KAGLHPPDSQASGQGVPLISVTTLRR	1
							3	PC[339]PPFLRGLEEAPASSEETYQVPTLPR	3
CT2NL_HUMAN (Q9P2B4) CTTNBP2 N-terminal-like protein [MASS=70158]	*	8.14	*	*	*	3	3	M[147]NLEKLSKPELLTLFSILEGELEAR	1
							2	GNPPPIPPKK	1
							2	NDGEKQPVC[330]TNPLSILK	1
CTL2_HUMAN (Q8IWA5) Choline transporter-like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	0.00	10.34	0.80	0.00	1	4	2	DGDC[339]PAVLIPSKPLAR	1
							3	TC[339]NPETFPSSNESRQC[339]PNAR	1
							2	QFC[330]VPGFKNNKGVAEVLK	1
							2	KPDDLPAFPLFSAFGRALR	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	1.00	5.12	0.64	0.00	2	3	2	NEGVATYAAAVLFR	1
							2	NLALC[330]PANHAPLR	1
							2	C[330]TAGTLHNLSHHR	1
CTRB1_HUMAN (P17538) Chymotrypsinogen B precursor (EC 3.4.21.1) [Contains: Chymotrypsin B chain A; Chymotrypsin B chain B; Chymotrypsin B chain C] [MASS=27870]	0.00	11.03	0.63	0.00	1	1	3	RITDVM[147]IC[339]AGASGVSSC[339]M[147]GDSGGPLVC[339]QK	1

CTRO_HUMAN (O14578) Citron Rho-interacting kinase (EC 2.7.11.1) (CRIK) (Rho-interacting, serine/threonine-protein kinase 21) [MASS=231430]	*	5.33	*	*	*	6	2	MNSPGLQTKEPSSSLHLEGWM[147]K	1
							2	KLVEAEELEEKHR	2
							2	KHAM[147]LEM[147]NARSLQQK	1
							2	IVELSEANKLAANSSSLFTQRNMK	1
							3	KLQEIKEQEYQAQVEEMR	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	*	3.31	*	*	*	5	3	ETLENMM[147]QRHEEEAHEK	1
							1	LSLVVGK	2
							3	PFRVLISLLDKPEIGPQVVGNIFFLEVR	1
							2	NVEFIHSLLRQC[330]K	1
							2	LQMVTVPPIAPGILK	1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	*	4.31	*	*	*	1	2	TVNTM[147]ALLWNVLR	1
							2	VFGPDLC[330]PGSSSKYLLVSFK	1
							2	QIFHSKESIVATTKSK	1
							2	YMAINQKKAYILVTPLK	1
							3	GMIDQISM[147]KEAGYPNYLIRK	1
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	0.99	12.94	1.59	0.00	1	1	2	NC[339]WQNYLDFHR	1
							2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	3
							2	HLVGVC[339]YTEDEAK	1
							3	GLLC[330]SARPGQLPLR	1
							2	MLMMALLVPLVYTIKR	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	20.92	2.16	0.05	5	4	3	TQPNLDNC[330]PFHDQPHLK	2
							2	TQPNLDNC[339]PFHDQPHLK	1
							3	KQLC[339]SFEIYVWPWENR	1
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	0.85	11.64	0.63	0.76	2	1	3	KQLC[339]SFEIYVWPWENR	1
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
CYTN_HUMAN (P01037) Cystatin SN precursor (Salivary cystatin SA-1) (Cystatin SA-1) [MASS=16362]	0.00	11.35	0.44	0.00	1	1	3	KQLC[339]SFEIYVWPWENR	1
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
DC1L2_HUMAN (O43237) Cytoplasmic dynein 1 light intermediate chain 2 (Dynein light intermediate chain 2, cytosolic) (LIC53/55) (LIC-2) [MASS=54099]	*	1.83	*	*	*	1	2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2
							2	M[147]KIPPEKMR	2

DDC_HUMAN (P20711) Aromatic-L-amino-acid decarboxylase (EC 4.1.1.28) (AADC) (DOPA decarboxylase) (DDC) [MASS=53894]	0.00	4.58	0.11	0.00	1	1	2	EDIWLHVDAAYAGSAFIC[330]PEFR	1
							3	ILPQDVILKFR	3
DDX27_HUMAN (Q96GQ7) Probable ATP-dependent RNA helicase DDX27 (EC 3.6.1.-) (DEAD box protein 27) [MASS=89835]	*	11.31	*	*	*	6	2	ARILPQDVILK	1
							3	DIC[330]AC[330]AATGTGK	1
							2	M[147]HILLGLM[147]GLQVGELHGNLSQTQR	1
							2	SQEAALRAAPDILIATPGR	1
							3	TFTDHVM[147]LFTQTK	1
DDX58_HUMAN (O95786) Probable ATP-dependent RNA helicase DDX58 (EC 3.6.1.-) (DEAD-box protein 58) (Retinoic acid-inducible gene 1 protein) (RIG-1) (RIG-I) [MASS=106599]	*	1.84	*	*	*	1	3	DLENLSQIQNREFGTQK	1
DEST_HUMAN (P60981) Destrin (Actin-depolymerizing factor) (ADF) [MASS=18374]	0.00	10.98	0.73	0.00	1	1	3	FQGIKHEC[330]QANGPEDLNR	1
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	*	2.46	*	*	*	1	2	WC[330]IRHFYKPM[147]LR	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	*	5.20	*	*	*	3	2	QVSQTRFYVAESR	1
							3	LYMLLKDMAVRGR	1
							2	VLVC[330]GGDGTGVWVLGALEETRYR	1
							3	AKPYEGSILEADC[339]DILIPAASEK	2
							2	AKPYEGSILEADC[339]DILIPAASEK	2
							3	AKPYEGSILEADC[330]DILIPAASEK	1
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	13.80	1.72	0.05	11	4	2	IIKPC[339]NHVLSLSFPIR	2
							2	IIKPC[330]NHVLSLSFPIR	1
							2	C[339]AVVDVPFGGAK	3
							2	AKPYEGSILEADC[330]DILIPAASEK	1
							3	PC[339]NHVLSLSFPIRRDDGSWEVIEGYR	1

DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	19.13	1.57	0.03	12	6	3	GC[339]GPEKDHVYLQLHHLPEQLATR	1
							2	LSMQKSMQNHAAVFR	1
							3	AGLPC[339]QDLEFVQFHPTGIYGAGC[339]LITEGC[339]R	1
							2	AC[339]ALSIEESC[339]RPGDK	1
							3	HVNGQDQIVPGLYAC[339]GEAAC[339]ASVHGANR	3
							3	AGLPC[330]QDLEFVQFHPTGIYGAGC[330]LITEGC[330]R	2
DHSD_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	11.79	1.92	0.06	9	3	3	GC[330]GPEKDHVYLQLHHLPEQLATR	1
							2	TLNEADC[339]ATVPPAIR	1
							3	HVNGQDQIVPGLYAC[330]GEAAC[330]ASVHGANR	2
							2	C[330]HTIM[147]NC[330]TR	1
							2	C[339]HTIMNC[339]TR	1
							2	C[339]GPM[147]VLDALIK	1
DIDO1_HUMAN (Q9BTC0) Death-inducer obliterator 1 (DIO-1) (Death-associated transcription factor 1) (DATF-1) (hDido1) [MASS=243871]	*	6.07	*	*	*	7	2	C[339]HTIM[147]NC[339]TR	6
							2	C[330]HTIM[147]NC[330]TRTC[330]PK	1
							3	RLATETGEGEGEPLSRLSAR	1
							1	ASDAGTASQA	1
							2	FHPATEEEEEVAYISLYSFSSRGR	1
							2	REQEPTER	1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	0.00	3.86	1.36	0.00	1	3	3	DASRGGLVGQAPMPVPEEKEPASSPWASGEK	1
							3	TAPSSSC[330]TAVASAASRPDSTHMVEARQDVPK	1
							2	GGAPFQFGGQRR	1
							2	YFLQNFSC[330]FLEETADEWAEK	1
							3	ERLLGSASSEDIWRNYSLEIER	2
							2	PC[339]AEDYFNFM[147]GHFTK	1

DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	19.84	1.55	0.04	13	4	3	STDRVLGAHILGPGAGEMVNEAALALEYGASC[339]EDIAR	1
							2	VC[330]HAHPTLSEAFR	2
							2	VLGAHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR	1
							3	VLGAHILGPGAGEMVNEAALALEYGASC[339]EDIAR	1
							3	EEGIEYKVGKFPFAANSR	1
							3	VLGAHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR	4
							2	VC[339]HAHPTLSEAFR	5
DLG1_HUMAN (Q12959) Disks large homolog 1 (Synapse-associated protein 97) (SAP-97) (hDlg) [MASS=100354]	*	1.66	*	*	*	1	2	RLQIAQLYPISIFIK	1
DLG2_HUMAN (Q15700) Discs large homolog 2 (Postsynaptic density protein PSD-93) (Channel-associated protein of synapse-110) (Chapsyn-110) [MASS=97542]	*	3.22	*	*	*	2	3	LC[330]DKPASPRHYSPVEC[339]DK	1
							3	HMLVDDDDYTR	1
							3	IIPGGAAAMDGRLGVNDC[339]VLR	4
DLG3_HUMAN (Q92796) Discs large homolog 3 (Synapse-associated protein 102) (SAP102) (Neuroendocrine-DLG) (XLMR) [MASS=90343]	*	6.36	*	*	*	3	3	HQHC[330]C[330]KC[330]PEC[330]YEVTR	1
							2	RDNEVDGQDYHFVSR	1
							3	PLLPFETEVGPC[330]GVGEASLDKADSEGSNSGGTWPK	1
DLG5_HUMAN (Q8TDM6) Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) [MASS=202085]	*	3.21	*	*	*	3	3	RLAFATHGTAFDKR	1
							2	RPKSAPSFR	2
							2	VESDLLDQEEMVDKPDIGSYER	1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	0.00	2.83	2.24	0.00	1	4	2	C[339]IAGEVAIVRDPDAGEGTK	3
							3	EDGSHILTVGVGANIFM[147]YGRLSGIVTEQTNSK	1
							3	LFSC[330]GADGTLKTR	1

DNJA1_HUMAN (P31689) DnaJ homolog subfamily A member 1 (Heat shock 40 kDa protein 4) (DnaJ protein homolog 2) (HSJ-2) (HSDJ) [MASS=44868]	*	3.02	*	*	*	1	2	C[330]VLNEGMPYIRR	1
DNL3_HUMAN (P49916) DNA ligase 3 (EC 6.5.1.1) (DNA ligase III) (Polydeoxyribonucleotide synthase [ATP] 3) [MASS=102690]	0.00	9.44	0.25	0.00	1	5	2	IFNC[330]NPDDM[147]AR	1
							2	KFSGFSAK	1
							2	VVPNPFSESGGDM[147]KEWYHIKC[339]M[147]FEK	1
							2	GGMMSIFLM[147]GC[330]YDPGSQKWC[339]TVTK	1
							3	NGDHFSYFSRSLKPVLPHK	1
DOCK7_HUMAN (Q96N67) Dedicator of cytokinesis protein 7 [MASS=174363]	*	11.28	*	*	*	8	2	QNTPLETPVGYTWIPM[147]LQNGRLK	1
							2	IANM[147]FELSVFPR	1
							3	EEIILTPIEVAIEDMQKK	2
							2	LPNTYPNSSSPGPGGLGGSVHYATMARSAVR	1
							3	IVHQSTGWERM[147]FGTYFRVGFYGTK	1
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	*	1.23	*	*	*	1	2	QVSSKLYSLPNPSVLVSLRLDFLR	1
							2	EHQEDPEMLIDLML[147]YRIAK	1
							3	AAPWGSNPSPSAESTQAM[147]DRSC[330]NR	1
							2	ALSLEENGVGSNFKTSTLSVSSFFK	1
							3	LGQYRMPFAWAAR	1
DOCK9_HUMAN (Q9BZ29) Dedicator of cytokinesis protein 9 (Cdc42 guanine nucleotide exchange factor zizimin 1) [MASS=236444]	*	3.04	*	*	*	4	2	EAVQWEPPLLPHSHSAC[330]LRR	1
							3	GNMNSAISVTM[147]RSFK	1
							3	NQLLADHGHNPLMKK	1
							3	NQLLADHGHNPLMKK	1
DPCA2_HUMAN (Q86SG4) Dresden prostate carcinoma 2 protein (D-PCa-2) [MASS=20403]	*	6.40	*	*	*	1	2	GITLQKM[147]EMPK	1
DPOD1_HUMAN (P28340) DNA polymerase delta catalytic subunit (EC 2.7.7.7) (DNA polymerase subunit delta p125) [MASS=123630]	0.00	4.25	0.54	0.00	1	3	2	IAPLRVLSFDIEC[330]AGR	1
							3	FMVDTDIVGC[339]NWLELPAGKYALRLK	1
							1	VQSYEK	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	5.59	0.65	0.12	4	2	2	THNSSLEYNIFEGM[147]EC[339]R	2
							2	THNSSLEYNIFEGM[147]EC[330]R	1
							2	GLYDGPVC[330]EVSVTPK	1
DPYL3_HUMAN (Q14195) Dihydropyrimidinase-related protein 3 (DRP-3) (Unc-33-like phosphoprotein) (ULIP protein) (Collapsin response mediator protein 4) (CRMP-4) [MASS=61963]	*	4.74	*	*	*	1	3	WREWADGKSC[330]C[330]DYALHVDITHWNDSVK	1

DSCAM_HUMAN (O60469) Down syndrome cell adhesion molecule precursor (CHD2) [MASS=222258]	*	3.83	*	*	*	4	3	DNMPLELSGRFQKTVTGLLIENIR	1
							2	TLGKEPQFSKEQELFASINTTR	1
							2	KEM[147]SC[330]TAHGEKPIIVR	1
							3	DAKSLAEMLM[147]SKNTR	1
DYH11_HUMAN (Q96DT5) Ciliary dynein heavy chain 11 (Axonemal beta dynein heavy chain 11) [MASS=520977]	0.00	1.81	1.85	0.00	1	4	2	LERLEFGGKTGAILNGQVHEMSEELMELC[330]K	1
							3	GLVQTGAWGC[339]FDEFNR	1
							2	SLIQKLILLRAMR	1
							2	FHNVSLGQGQETVAEVALEKASK	1
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	*	1.57	*	*	*	4	1	QDGDSEFRMK	1
							2	LVQTPLTDR	1
							3	C[330]YLTMTQALEARLGSPFGPAGTGK	1
							3	AM[147]LRLIPSLRTYAEPLTAAM[147]VEFYTM[147]SQER	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	*	7.06	*	*	*	3	2	IEGSGDQIDTYELSGGARINR	1
							3	NIHGIRTGLFTPDMAFETIVK	1
							2	VYSPHVLNLTLDLPGM[147]TK	1
DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	*	10.70	*	*	*	1	2	PELANKVDM[147]IWIVGGSSVYK	1
DYSF_HUMAN (O75923) Dysferlin (Dystrophy-associated fer-1-like protein) (Fer-1-like protein 1) [MASS=237293]	0.00	4.47	0.24	0.00	1	5	2	TSLC[330]VLGPGDEAPLER	1
							3	ILEKTANPQWNQNITLPAMFPSMC[339]EK	1
							2	HRQAEAEEGEGWEYASLFGWK	1
							2	LGHSELPAALEQAEDWLLR	1
							3	C[330]DPYIKISIGKK	1
E2F5_HUMAN (Q15329) Transcription factor E2F5 (E2F-5) [MASS=37610]	0.00	6.36	*	*	*	2	2	SSM[147]ATQNLPEQHVSR	1
							1	ESSSSK	1
E41L1_HUMAN (Q9H4G0) Band 4.1-like protein 1 (Neuronal protein 4.1) (4.1N) [MASS=98502]	0.00	1.82	*	*	*	1	2	IRPGEYEQFESTIGFK	1
E41L3_HUMAN (Q9Y2J2) Band 4.1-like protein 3 (4.1B) (Differentially expressed in adenocarcinoma of the lung protein 1) (DAL-1) [MASS=120677]	*	1.93	*	*	*	1	3	SMQC[330]KVILLDGSEYTC[330]DVEKR	1
EAA1_HUMAN (P43003) Excitatory amino acid transporter 1 (Sodium-dependent glutamate/aspartate transporter 1) (Glial glutamate transporter) (GLAST-1) [MASS=59572]	0.99	16.79	0.81	0.10	2	4	2	MLQMLVLPLIISLVTGM[147]AALDSKASGKM[147]GM[147]R	1
							2	NM[147]FPPNLVEAC[330]FK	2
							2	VQNITKEDVKSylFR	1
							3	M[147]GMRVVYYM[147]TTTTIAVVIGIIIVIIHPGK	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	5.40	0.45	0.11	5	2	2	C[330]LEENLGIDKR	1
							2	NLFPENLVQAC[330]FQQIQTVTK	2
							2	NLFPENLVQAC[339]FQQIQTVTK	1
							2	C[339]LEENLGIDKR	1

EBI2_HUMAN (P32249) EBV-induced G-protein coupled receptor 2 (EBI2) [MASS=41224]	0.00	16.34	1.03	0.00	1	2	3 3	IEHAKGVC[339]IFVWILVFAQTLPLLINPM[147]SK ALNTIILIVVFVLC[339]FTPYHVAIQHM[147]IKK	1 1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	0.98	2.36	1.30	0.00	1	2	1 2	FSAFR ALM[147]GLYHGQVLC[339]K	1 1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	0.94	13.10	1.76	0.00	1	2	2 2	ALNALC[339]DGLIDELNQALK C[339]PAWRPFASGANFEYIIAEK	1 1
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	*	4.29	*	*	*	2	3 3	C[339]LYSLINEAFR ELGGVDLVIEAVFEEM[147]SLKK	1 1
EDN1_HUMAN (P05305) Endothelin-1 precursor (Preproendothelin-1) (PPET1) [Contains: Endothelin-1 (ET-1); Big endothelin-1] [MASS=24425]	*	3.77	*	*	*	1	2	PTPSPWR	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.99	6.28	2.50	0.00	1	1	2	NM[147]ITGTSQADC[339]AVLIVAAGVGEFEAGISK	1
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	0.99	4.54	*	*	*	1	2	EGNASGVSLLEALDTILPPTR	1

								2	KGDEC[330]ELLGHSK	2
								3	ELLTEFGYKGEETPVIVGSALC[339]ALEGRDPELGLK	1
								2	KGDEC[339]ELLGHSK	2
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	31.86	1.78	0.08	12	6		3	PFVSHFM[147]PVM[147]FSLTWDM[147]AC[339]R	1
								3	HKPFVSHFMPVMFSLTWDM[147]AC[339]RIILPPEK	1
								2	HYAHTDC[339]PGHADYVK	3
								3	HYAHTDC[339]PGHADYVK	2
								2	HYAHTDC[330]PGHADYVK	1
								3	NM[147]ITGTAPLDGC[339]ILVVAANDGMPQTREHLLAR	1
								3	KGDEC[339]ELLGHSK	1
ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	0.00	2.21	2.83	0.00	1	1		2	RYC[339]YLPPELLQTVR	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	*	3.23	*	*	*	1		2	SILKIHAREIFDSR	1
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	*	8.08	*	*	*	2		3	VSLSGSSDPHLC[339]R	4
								3	DVREPPALKYGIVLDAGSSHTSMFIYK	1
EPHA1_HUMAN (P21709) Ephrin type-A receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH) [MASS=108066]	*	4.51	*	*	*	2		2	PIM[147]IITEFMENGALDAFLRER	1
								2	RWPLGLGLVLLLC[339]APLPPGARAK	1
EPHB1_HUMAN (P54762) Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH-2) (NET) (HEK6) (ELK) [MASS=109885]	*	2.34	*	*	*	1		2	LPPPMDC[339]PAALHQLMLDC[330]WQKDR	1

EPHB3_HUMAN (P54753) Ephrin type-B receptor 3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor HEK-2) [MASS=110329]	*	7.41	*	*	*	3	3 3 2	LYC[330]NGDGEWM[147]VPVGAC[330]TC[339]ATGHEPAAK ESFVSAGFASFDLVAQM[147]TAEDLLR LPPPM[147]DC[339]PTALHQLMLDC[339]WVRDR	1 1 1
ERCC3_HUMAN (P19447) TFIIH basal transcription factor complex helicase XPB subunit (EC 3.6.1.-) (Basic transcription factor 2 89 kDa subunit) (BTF2-p89) (TFIIH 89 kDa subunit) (DNA-repair protein complementing XP-B cells) (Xeroderma pigmentosum group B-c [MASS=89277]	*	3.96	*	*	*	2	2 2	LAGM[147]EEEDLAFSTKEEQQLLQK FHERRNDK	1 1
ERF_HUMAN (P50548) ETS domain-containing transcription factor ERF (Ets2 repressor factor) [MASS=58703]	0.40	12.77	2.26	0.00	1	3	3 2 2	LEGGGGPAGGFEDGEDK C[339]PLPPMAPETPPVPSSASSSSSSSSSPFK TPADTGFAFPDWAYKPESSPGSR	1 1 1
ERR2_HUMAN (O95718) Steroid hormone receptor ERR2 (Estrogen-related receptor, beta) (ERR-beta) (Estrogen receptor-like 2) (ERR beta-2) [MASS=55619]	0.00	2.00	0.58	0.00	1	1	2	C[330]EYM[147]LNAIPK	1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	0.95	7.84	1.41	0.00	1	1	2	EFHQAGKPIGLC[339]C[339]IAPVLAAC	1
ETFA_HUMAN (P13804) Electron transfer flavoprotein subunit alpha, mitochondrial precursor (Alpha-ETF) [MASS=35079]	*	4.80	*	*	*	1	2	C[339]DKVAQDLC[330]KVAGIAK	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.94	3.24	2.29	0.00	1	2	1 2	HKGSDFER LQINAQNC[339]VHC[339]K	1 1
EVX1_HUMAN (P49640) Homeobox even-skipped homolog protein 1 (EVX-1) [MASS=42439]	0.00	5.90	0.41	0.00	1	1	2	SNGGSGGGGSQGTAC[330]SASDQMRR	1
EYA3_HUMAN (Q99504) Eyes absent homolog 3 (EC 3.1.3.48) [MASS=62557]	0.00	3.32	1.06	0.00	1	1	2	KNC[339]VNVLTITTTQLVPALAK	1
F102B_HUMAN (Q5T8I3) Protein FAM102B [MASS=35629]	*	14.59	*	*	*	2	3 2	FSFM[147]C[330]KMSASAATGILDPC[339]IYRVSVR QDNSILKVLISMQLMSGDPC[330]FK	1 1

F263_HUMAN (Q16875) 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (6PF-2-K/Fru-2,6-P2ASE brain/placenta-type isozyme) (IPFK-2) (NY-REN-56 antigen) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] [MASS=59609]	*	2.69	*	*	*	1	2	RHMILHFAKENDFK	1
F264_HUMAN (Q16877) 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4 (6PF-2-K/Fru-2,6-P2ASE testis-type isozyme) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] [MASS=53908]	*	7.05	*	*	*	2	3 2	DLSYIKIMDVGGQSYVVR SLAQFISDQNIKDLK	1 1
FA43B_HUMAN (Q6ZT52) Protein FAM43B [MASS=36776]	0.52	4.86	0.74	0.00	1	1	2	AVVLRC[330]HAVLLARAHK	1
FA50B_HUMAN (Q9Y247) Protein FAM50B (XAP-5-like protein) [MASS=38708]	*	3.69	*	*	*	1	2	WEAYDPEKKWDK	1
FA54A_HUMAN (Q6P444) Protein FAM54A (DUF729 domain-containing protein 1) [MASS=43384]	0.00	2.08	1.25	0.00	1	1	2	MLPLEPC[330]R	1
FAAA_HUMAN (P16930) Fumarylacetoacetase (EC 3.7.1.2) (Fumarylacetoacetate hydrolase) (Beta-diketonase) (FAA) [MASS=46374]	*	3.10	*	*	*	1	2	PDDSKPPVYGAC[330]K	1
FAM3C_HUMAN (Q92520) Protein FAM3C precursor (Protein GS3786) [MASS=24680]	*	8.37	*	*	*	1	2	MDASLGSLFARSALDTAAR	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	*	1.66	*	*	*	2	3 2	SC[330]LYDIPNDNISDEPSLC[330]DC[330]DVHK STPRVNPLAK	1 1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	0.00	4.88	1.41	0.00	1	2	2 3	DC[339]RAALAEITEM[147]VAQLHGTMIK PPPTPSGKLVSIIQMLDDTQEAFEVPQR	1 1

FARP2_HUMAN (O94887) FERM, RhoGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) [MASS=119888]	0.00	5.79	6.03	0.00	1	3	3	EDAM[147]PATLM[147]TLLFSNIDPIYEFHRGFLREVEQR	1
							2	IC[339]VEYHTFFR	1
							3	LEMYGIRFHMASDREGTK	1
							2	INGYPKRGR	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.44	3.66	*	*	*	6	2	TLPGGNQC[330]IVPIC[330]R	1
							3	NSPGSFIC[330]EC[339]SSESTLDPTKTIC[330]IETIK	1
							2	C[339]LC[339]YDGFM[147]ASEDM[147]K	1
							3	SIQHC[339]NIRC[330]MNGGSC[339]SDDHC[330]LC[339]QK	1
							3	NM[147]C[339]LNGM[147]C[330]INEDGSFK	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	0.44	3.30	0.36	0.00	1	4	2	LC[339]M[147]DGLPMGGIPGSAGSR	1
							2	GMMC[339]KNLIGTFMC[339]IC[339]PPGM[147]AR	1
							3	PC[330]EPC[330]PTPGTADFKTIC[339]GNIPGFTFDIHTGK	1
							3	C[339]M[147]NTFGSYEC[330]TC[330]PIGYALREDQKMC[330]K	1
FBW1A_HUMAN (Q9Y297) F-box/WD repeat protein 1A (F-box and WD repeats protein beta-TrCP) (E3RSIkappaB) (pIkappaBalpha-E3 receptor subunit) [MASS=68866]	*	2.81	*	*	*	1	3	VLVGHRAAVNVVDFDDK	1
FBX25_HUMAN (Q8TCJ0) F-box only protein 25 [MASS=43312]	0.00	7.63	1.56	0.00	1	1	3	C[339]NISHSIILNSEDGEIFNNEEHEYASKK	1
FBX5_HUMAN (Q9UKT4) F-box only protein 5 (Early mitotic inhibitor 1) [MASS=50146]	*	4.92	*	*	*	1	2	C[339]DFNC[330]NHVHSGCLKVKPDDIGR	1
FBXL4_HUMAN (Q9UKA2) F-box/LRR-repeat protein 4 (F-box and leucine-rich repeat protein 4) (F-box protein FBL4/FBL5) [MASS=70096]	0.00	8.70	1.06	0.00	1	3	1	PVLSLK	1
							2	TSLIDM[147]NDIEDDAYAEKDGC[339]GMDSLNNK	1
							3	MSPVFPM[147]LTVLTMFYIIC[339]LR	1
FCN3_HUMAN (O75636) Ficolin-3 precursor (Collagen/fibrinogen domain-containing protein 3) (Collagen/fibrinogen domain-containing lectin 3 p35) (Hakata antigen) [MASS=32903]	0.00	6.69	0.36	0.00	1	1	2	GEPGDPVNLLRC[330]QEGPRNC[330]R	1
FCRL2_HUMAN (Q96LA5) Fc receptor-like protein 2 precursor (SH2 domain-containing phosphatase anchor protein 1) (Fc receptor homolog 2) (FcRH2) (Immunoglobulin receptor translocation-associated 4 protein) [MASS=55541]	0.00	3.94	0.25	0.00	1	1	2	SPGAQAAVGDILLELHC[330]EALR	1

FCRL_HUMAN (Q7L513) Fc receptor-like and mucin-like 1 precursor (Fc receptor homolog expressed in B-cells) (Fc receptor-related protein X) (FcRX) (Fc receptor-like protein) [MASS=38927]	*	6.96	*	*	*	1	3	AVPSAEPQAGSPMTLSC[330]QTKLPLQR	1
FGD2_HUMAN (Q7Z6J4) FYVE, RhoGEF and PH domain-containing protein 2 (Zinc finger FYVE domain-containing protein 4) [MASS=74892]	*	9.62	*	*	*	3	3	IGDVIQKLAPFLKM[147]YSEYVK	1
							2	TARSSKAFPEDVVR	1
							3	AAAQGPEGDIQEELQSEELGLRAPQWVR	2
FGD3_HUMAN (Q5JSP0) FYVE, RhoGEF and PH domain-containing protein 3 (Zinc finger FYVE domain-containing protein 5) [MASS=79400]	*	2.48	*	*	*	1	3	SLELISTAANHSNAAIRK	1
FGD5_HUMAN (Q6ZNL6) FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23) [MASS=159906]	*	5.47	*	*	*	4	2	NTLAVANM[147]KVS RPVMEK	1
							2	LRASEPSSLIFYR	1
							2	VPSALTEVAASGEGSAISGYLSR	1
							3	PPTLVPVTHVMM[147]C[339]MNC[330]GC[330]DFSLTLRR	1
FGF22_HUMAN (Q9HCT0) Fibroblast growth factor 22 precursor (FGF-22) [MASS=19662]	0.00	4.12	0.78	0.00	1	1	2	LYTVDC[339]R	1
FHL2_HUMAN (Q14192) Four and a half LIM domains protein 2 (FHL-2) (Skeletal muscle LIM-protein 3) (SLIM 3) (LIM-domain protein DRAL) [MASS=32196]	*	11.11	*	*	*	2	2	C[330]SLSLVGR	2
							3	EESPYC[330]VVC[330]FETLFANTC[339]EEC[339]GK	1
FIBB_HUMAN (P02675) Fibrinogen beta chain precursor [Contains: Fibrinopeptide B] [MASS=55928]	*	12.83	*	*	*	3	2	MGPTELLIEMEDWK	1
							2	SQGVNDNEEGFFSARGHRPLDK	1
							3	VYC[339]DMNTENGGWTVIQNRQDGSVDFGR	1
FIP1_HUMAN (Q6UN15) Pre-mRNA 3'-end-processing factor FIP1 (FIP1-like 1) (Factor interacting with PAP) (hFip1) (Rearranged in hypereosinophilia) [MASS=66526]	0.00	3.37	1.44	0.00	1	1	2	ITAEDC[339]TMEVTPGAIEIQDGR	1
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	*	7.04	*	*	*	1	2	RVDHC[330]PIKSR	1
FLIP1_HUMAN (Q7Z7B0) Filamin-A-interacting protein 1 (FILIP) [MASS=138108]	*	1.57	*	*	*	1	2	GTQSVSGQDGSSQRPTPTR	1

FLNC_HUMAN (Q14315) Filamin-C (Gamma-filamin) (Filamin-2) (Protein FLNc) (Actin-binding-like protein) (ABP-L) (ABP-280-like protein) [MASS=290957]	*	3.12	*	*	*	4	3	SSHTYTRTER	1
							3	DAGEGGLSLAVEGPSKAEITC[339]KDNK	1
							2	AAGKGDCLKLYAQDADGC[339]PIDIK	1
							3	FIPHENGVSIDVKFNGAHIPGSPFKIR	1
FMO2_HUMAN (Q99518) Dimethylaniline monooxygenase [N-oxide-forming] 2 (EC 1.14.13.8) (Pulmonary flavin-containing monooxygenase 2) (FMO 2) (Dimethylaniline oxidase 2) (FMO 1B1) [MASS=60776]	0.00	2.43	1.55	0.00	1	1	2	LLC[339]GAIKVKSTVK	1
FOLC_HUMAN (Q05932) Folylpolyglutamate synthase, mitochondrial precursor (EC 6.3.2.17) (Folylpoly-gamma-glutamate synthetase) (FPGS) (Tetrahydrofolate synthase) (Tetrahydrofolypolyglutamate synthase) [MASS=64609]	*	1.19	*	*	*	1	1	DPAALLK	2
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	*	4.47	*	*	*	5	3	M[147]LTNAMEVTGLDGNRYRTC[339]HTVMEVLREHK	1
							2	ILKNM[147]C[330]EHSNTLVQQAM[147]M[147]VSEELIR	1
							2	TGTTVPESIHSFIGDGLVK	1
							3	SLVVSPHEDM[147]RTWLKYASLC[330]GK	1
							2	NVKGM[147]FEVLEPLHAMMER	1
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	*	2.71	*	*	*	3	3	WSHIEWSQTEYEVVC[330]ENVGLLPLEIIR	1
							2	TISVEVIPVNDEKPM[147]LSKK	1
							2	LKC[339]PGGSC[339]TPGLKK	1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	*	6.11	*	*	*	1	2	APQPPNALGYTVSSFSNGC[330]PGEGPRFSAPR	1
FXL16_HUMAN (Q8N461) F-box/LRR-repeat protein 16 (F-box and leucine-rich repeat protein 16) [MASS=51641]	0.00	5.01	*	*	*	1	3	C[330]VRITDTGLSYLSTMSSLRSLYLR	1
FXL18_HUMAN (Q96ME1) F-box/LRR-repeat protein 18 (F-box and leucine-rich repeat protein 18) [MASS=88341]	*	3.73	*	*	*	1	3	SLSLPVC[330]SVADSAPRADRAPAQPMHAVPR	1
FXVD6_HUMAN (Q9H0Q3) FXVD domain-containing ion transport regulator 6 precursor [MASS=10542]	*	24.21	*	*	*	1	2	M[147]ELVLVFLC[330]SLLAPMVLASAAEK	1

FXD8_HUMAN (P58550) FXD domain-containing ion transport regulator 8 precursor [MASS=10590]	0.00	13.83	0.95	0.00	1	1	2	C[339]SFNQKPQDPGDK	1
FYV1_HUMAN (Q9Y2I7) FYVE finger-containing phosphoinositide kinase (EC 2.7.1.68) (1-phosphatidylinositol-4-phosphate 5-kinase) (Phosphatidylinositol-3-phosphate 5-kinase type III) (PIP5K) (PtdIns(4)P-5-kinase) (PIKfyve) (p235) [MASS=237107]	0.00	3.57	0.02	0.00	1	4	2 3 3 2	AFRDPLQDDTGLYVTEEVTSSEDK SIQVLPSHELVSTR C[330]C[339]NQEIPGKFMGYTGDLRAC[339]TYC[339]R EPSSIIAFALSC[330]K	1 1 1 1
FZD4_HUMAN (Q9ULV1) Frizzled-4 precursor (Fz-4) (hFz4) (FzE4) [MASS=59881]	0.00	5.59	0.61	0.00	1	1	3	IFM[147]SLLVGITSGM[147]WIWSAKTLHTWQKC[330]SNR	1
G109A_HUMAN (Q8TDS4) Nicotinic acid receptor 1 (G-protein coupled receptor 109A) (G-protein coupled receptor HM74A) [MASS=41849]	0.00	14.88	1.83	0.00	1	2	2 3	AITFIMVVAIVFVIC[330]FLPSVVVR FGDIPC[330]RLMLFM[147]LAM[147]NRQGSIIFLTVAVDR	1 1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.68	0.11	4	2	2 2	VPTANVSVDLTC[330]R IISNASC[330]TTNC[330]LAPLAK	2 2
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	0.99	2.20	1.31	0.09	3	1	2 2	TM[147]GC[330]LATTHSK TM[147]GC[339]LATTHSK	1 2
GAH2_HUMAN (P63118) HERV-H_3q26 provirus ancestral Gag polyprotein (Gag polyprotein) [MASS=23279]	0.00	14.95	0.52	0.00	1	2	2 3	KMGKWSEVPYVQAFFTLR C[330]LIFFC[330]NTAWPQYK	1 2
GATM_HUMAN (P50440) Glycine amidinotransferase, mitochondrial precursor (EC 2.1.4.1) (L-arginine:glycine amidinotransferase) (Transamidinase) (AT) [MASS=48455]	*	9.22	*	*	*	2	2 2	YKTPDFESTGLYSAM[147]PR GAEAVHYIGSRLGRTLTGWWQR	1 1

GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	22.71	0.60	0.38	15	4	2	LFVSGAC[330]DASAK	1
							3	QTFTGHESDINAIC[330]FFPNGNAFATGSDDATC[330]R	2
							2	KAC[330]ADATLSQITNNIDPVGR	2
							2	LFVSGAC[339]DASAK	1
							2	KAC[339]ADATLSQITNNIDPVGR	1
							2	ELAGHTGYLSC[339]C[339]R	2
							2	ELAGHTGYLSC[330]C[330]R	6
							2	ELPGHTGYLSC[339]C[339]R	3
							2	ELPGHTGYLSC[330]C[330]R	6
							3	SERVGILSGHDNRVSC[330]LGVTADGM[147]AVATGSWDSFLK	1
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	1.00	3.83	*	*	*	1	2	ELPGHTGYLSC[330]C[330]R	2
							2	ELPGHTGYLSC[339]C[339]R	1
							3	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	1
							3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[330]EAHAK	2
							3	AAADLM[147]TYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.00	14.41	0.68	0.00	1	2	2	KAC[339]NDATLVQITSNM[147]DSVGR	1
							3	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	1
							3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[330]EAHAK	2
							3	AAADLM[147]TYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1
GBB4_HUMAN (Q9HAV0) Guanine nucleotide-binding protein subunit beta 4 (Transducin beta chain 4) [MASS=37436]	1.00	5.90	0.62	0.11	9	1	2	KAC[339]NDATLVQITSNM[147]DSVGR	1
							3	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	1
							3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[330]EAHAK	2
							3	AAADLM[147]TYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	62.86	0.54	0.21	7	2	2	KAC[339]NDATLVQITSNM[147]DSVGR	1
							3	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	1
							3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[330]EAHAK	2
							3	AAADLM[147]TYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	1.00	40.00	0.80	0.22	3	1	2	KAC[339]NDATLVQITSNM[147]DSVGR	1
							3	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[339]EAHAKEDPLLTPVPASENPFR	1
							3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPASENPFR	2
							2	AAADLM[147]AYC[330]EAHAK	2
							3	AAADLM[147]TYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLMTYC[339]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[339]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1

GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	*	69.12	*	*	*	2	2	LVEQLRIEAGIERIK	1
							2	AASDLMSYC[339]EQHARNDPLLVGVPASENPFKDK	1
GBRT_HUMAN (Q9UN88) Gamma-aminobutyric-acid receptor theta subunit precursor (GABA(A) receptor) [MASS=72021]	0.00	6.96	0.98	0.00	1	2	3	WSRFLFPLAFGLFNIVYWVYHMY	1
							2	C[330]DTNSTWGLNDDELMAHGQEK	1
GCF_HUMAN (P16383) GC-rich sequence DNA-binding factor (GCF) (Transcription factor 9) (TCF-9) [MASS=91001]	*	1.53	*	*	*	1	3	APGVPPKRLPAR	1
GCM2_HUMAN (O75603) Chorion-specific transcription factor GCMb (Glial cells missing homolog 2) (GCM motif protein 2) (hGCMb) [MASS=56609]	0.00	5.53	6.02	0.00	1	2	3	TNHGQFQAM[147]ATRPYYNPELPC[339]R	1
							1	PSLVER	1
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	0.00	6.32	*	*	*	3			

GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	0.00	6.32	*	*	*	3
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GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	0.00	6.32	*	*	*	3	3	VFSKLM[147]SVC[330]VMFTNC[330]M[147]QKFTQSMK	1
							3	RYFLMDQGDFVHFM[147]DLAEEELR	1
GCP_HUMAN (Q9NPF4) Probable O-sialoglycoprotein endopeptidase (EC 3.4.24.57) (hOSGEP) [MASS=36427]	*	5.37	*	*	*	1	3	FC[330]IDNGAM[147]IAQAGWEM[147]FR	1

GCST_HUMAN (P48728) Aminomethyltransferase, mitochondrial precursor (EC 2.1.2.10) (Glycine cleavage system T protein) (GCVT) [MASS=43946]	0.00	7.69	1.29	0.00	1	1	3	LEAGLC[339]LYGNDIDEHTTPVEGSLSWTLGKRR	1
GDS1_HUMAN (P52306) Rap1 GTPase-GDP dissociation stimulator 1 (SMG P21 stimulatory GDP/GTP exchange protein) (SMG GDS protein) (Exchange factor smgGDS) [MASS=66403]	0.98	3.46	1.19	0.00	1	1	2	IQASGILQLFASLLTPQSSC[330]K	1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	11.46	1.24	0.09	3	2	2	LINGGIAGLIGVTC[339]VFPIDLAK	1
							2	GVNEDTYSGILDC[339]AR	2
GLRB_HUMAN (P48167) Glycine receptor beta chain precursor (Glycine receptor 58 kDa subunit) [MASS=56122]	*	3.42	*	*	*	1	3	GSDALTVDPTMYKC[330]LWK	1
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	13.30	1.45	0.06	21	5	3	GIHFC[330]HDLVSLC[330]NFBHNYDNLR	1
							2	C[330]VQSNIVLLTQAFR	1
							3	VPFC[339]LQSC[339]VKPLK	1
							3	LKEC[339]MDM[147]LR	1
							2	VPFC[339]LQSC[339]VKPLK	5
							2	LKEC[339]MDM[147]LR	2
							3	FALSAM[147]DM[147]EQRDYDSRTALHVAAGHVEVVK	1
							2	LKEC[330]M[147]DM[147]LR	3
							2	GIHFC[339]HDLVSLC[339]NFBHNYDNLR	1
							2	LKEC[339]M[147]DM[147]LR	2
							2	VPFC[330]LQSC[330]VKPLK	4
							3	VPFC[330]LQSC[330]VKPLK	1
							3	GIHFC[339]HDLVSLC[339]NFBHNYDNLR	1

GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	0.00	8.80	0.06	0.00	1	3	2	EPGLRYNK	2
							2	M[147]DC[330]NKA EKFDVLQYLNK	1
							2	SAVSGAILLVVPNV MGM[147]MC[330]LSPPLDK	1
GMCLL_HUMAN (Q8NEA9) Germ cell-less protein-like 1-like [MASS=60201]	*	5.13	*	*	*	1	2	C[339]LEWLLNNLMTHQNVKLFKELGINVMK	1
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	0.99	3.67	1.08	0.00	1	1	2	IIHEDGYSEEEEC[330]R	1
							2	M[147]VC[330]DVVSR	1
							2	M[147]VC[339]DVVSR	2
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	11.05	0.58	0.16	5	2	3	KSPLTIC[330]FPEYTGPN TYEDAAAYIQAQFESK	1
							2	MVC[330]DVVSR	1
GNAS_HUMAN (P63092) Guanine nucleotide-binding protein G(s) subunit alpha (Adenylate cyclase-stimulating G alpha protein) [MASS=45664]	*	3.30	*	*	*	1	2	QADYVPSDQDLLR	1
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	*	8.19	*	*	*	1	3	AYDAVQLFALTGPAESKGEITPELLGV MR	1
GNRP_HUMAN (Q13972) Guanine nucleotide-releasing protein (GNRP) (Ras-specific nucleotide exchange factor CDC25) (Ras-specific guanine nucleotide-releasing factor) [MASS=145382]	*	0.63	*	*	*	1	1	TSSPSRRR	1
							3	QMSIHMEELKINISR	1
							2	LSALFSSSQKRIAELEELVC[330]VQK	1
							3	M[147]KEQYLM AISDKDQQLSHLQNLIR	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macrogolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	0.00	5.00	1.04	0.00	1	8	3	DDLEERLMNQLAELNGSIGNYC[330]QDVTDAQIK	1
							3	TGQELQSAC[330]DALK	1
							3	EQASTE HQSRTSEEISLNDAGVELKSTK	1
							3	ALHTQLEMQA KEHDER	1
							2	LKESEANEDLR	1
							3	YDDVTLMGAEVASGGC[339]M[147]K	1
GP124_HUMAN (Q96PE1) Probable G-protein coupled receptor 124 precursor (Tumor endothelial marker 5) [MASS=141961]	0.00	5.03	2.04	0.00	1	3	2	KVEIVVLETSASYC[330]PAERVANNR	1
							2	ELVEVMVDMASNLMLVDEHLLWLAQR	1
							2	YDDVTLMGAEVASGGC[339]M[147]K	1

GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	1.00	5.78	1.27	0.05	2	3	2	C[339]KDVLTGQEFDVR	1
							2	FHKFDADQKGFITIVDVQR	1
							2	NYLSC[339]DVEVR	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	0.40	3.96	0.98	0.00	1	1	2	KIC[339]TVSENFLR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.58	10.57	0.45	0.00	1	2	2	M[147]KPAM[147]ETAAEENTEQSQER	1
							2	SREDC[330]C[330]TKF	1
							3	C[339]QGPPGVLDYRLEK	6
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	20.06	3.04	0.02	3	3			
							3	LPTEPPSSVAEFSEATAELTVSFTNKVFTTETSR	1
							2	WYRASFPITVTAHSGTYR	1
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	0.00	7.21	0.97	0.00	1	3	2	KFVIDC[339]EIERLQNILEQIVSVGK	1
							3	LSITGSGVGENGRVLTDC[339]PK	1
							2	AGQNGWHVSAIC[330]VENFNDVSYR	1
GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	*	6.59	*	*	*	3	3	MDVPIESVDDLADQTAIEYGTIHGGSSMTFFQNSR	1
							2	DTLSVRM[147]LDDTR	1
							2	MLDDTRDPTPLLKEIR	1
GRIK5_HUMAN (Q16478) Glutamate receptor, ionotropic kainate 5 precursor (Glutamate receptor KA-2) (KA2) (Excitatory amino acid receptor 2) (EAA2) [MASS=109047]	0.00	6.43	1.72	0.00	1	3	2	DSQYETTDTM[147]C[339]QILPK	1
							3	SFNYPASALIC[339]AKAEC[330]LLR	1
							2	LRLVEDGLYGAPEPNGSWTGMVGELINR	1
GRIP2_HUMAN (Q9C0E4) Glutamate receptor-interacting protein 2 (GRIP2 protein) [MASS=112501]	0.00	3.55	4.28	0.00	1	2	2	VVLEVEFDVAESVIPSSSGTFHVK	1
							2	LDNC[339]PMEDAVQILR	1
GRIPE_HUMAN (Q6GYQ0) GTPase-activating Rap/Ran-GAP domain-like 1 (GAP-related-interacting partner to E12) (GRIPE) (Tuberin-like protein 1) [MASS=229830]	0.00	4.17	0.86	0.00	1	4	3	TVAHVAC[330]NMLHMLVHYVPRLQIYQPDSPLK	1
							2	RGIIPTFEFGDVLIVIPM[147]K	1
							2	RILNIYRYMVVQVSMKD	1
							2	TVAHVAC[330]NMLHMLVHYVPR	1

GRLF1_HUMAN (Q9NRY4) Glucocorticoid receptor DNA-binding factor 1 (Glucocorticoid receptor repression factor 1) (GRF-1) (Rho GAP p190A) (p190-A) [MASS=172228]	0.00	5.22	1.21	0.00	1	3	3	LYLAALPLAFEALIPNLDEIDHLSC[330]IK	1
							2	DHSKLSM[147]ELEGNDGLSFIMSNFESK	1
							3	SVSSSPWLPQDGFDPDSDYAEPMDAVVK	1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	1.00	7.95	0.22	3.34	2	3	2	RTIAPC[330]QK	1
							2	M[147]EEFKDQLPADEC[339]NK	1
							3	AKC[330]ELSSSVQTDINLPYLTMDSGPKHLNM[147]K	1
GUC1A_HUMAN (P43080) Guanylyl cyclase-activating protein 1 (GCAP 1) (Guanylate cyclase activator 1A) [MASS=22788]	*	11.00	*	*	*	1	3	FM[147]TEC[339]PSGQLTLYEFRQFFGLK	1
GUC2D_HUMAN (Q02846) Retinal guanylyl cyclase 1 precursor (EC 4.6.1.2) (Guanylate cyclase 2D, retinal) (RETGC-1) (Rod outer segment membrane guanylate cyclase) (ROS-GC) [MASS=120058]	0.00	8.70	0.41	0.00	1	4	3	HIRDAQVPGFC[330]GDLGGDEEPPFVLLDTDAAGDR	1
							2	HAAEIANMSLDILSAVGTFMR	1
							3	DPALERRGTLAGDVFSLAIM[147]QEVVC[330]R	1
							3	VSGLVGPVNPAAC[330]R	1
H2AW_HUMAN (Q9P0M6) Core histone macro-H2A.2 (Histone macroH2A2) (mH2A2) [MASS=39927]	0.00	3.23	0.39	0.00	1	1	2	NC[330]LSAAEDKKLK	1
HAPIP_HUMAN (O60229) Huntingtin-associated protein-interacting protein (Protein Duo) [MASS=192228]	0.00	1.08	1.33	0.00	1	1	2	LKLDQC[339]FQLRLFQDAEK	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	15.07	0.83	0.05	4	1	3	GTFATLSELHC[339]DKLHVDPENFR	1
							3	GTFATLSELHC[330]DKLHVDPENFR	3
HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	*	4.78	*	*	*	1	2	LLVPYLMEAIRLYER	1

HCFC1_HUMAN (P51610) Host cell factor (HCF) (HCF-1) (C1 factor) (VP16 accessory protein) (VCAF) (CFF) [Contains: HCF N-terminal chain 1; HCF N-terminal chain 2; HCF N-terminal chain 3; HCF N-terminal chain 4; HCF N-terminal chain 5; HCF N-terminal chain	*	3.73	*	*	*	3	2	APMKKENQWFDVGVIK	1
							2	VQLVRANTNSLEVSWGAVATADSYLLQLQK	1
							3	TMAVTPGTTTLPATVKVASSPVM[147]VSNPATR	1
HCN4_HUMAN (Q9Y3Q4) Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4 [MASS=129041]	*	4.32	*	*	*	2	3	RASPHSSGESM[147]AAFPLFPRAGGGSGGSGSSGGLGPPGR	1
							2	PYGAIPGQHVTLP	1
HDA10_HUMAN (Q969S8) Histone deacetylase 10 (HD10) [MASS=71444]	*	4.63	*	*	*	1	3	LSAREASEEELGLVHSPEYVSLVRETQVLGK	1
							3	LPLVNSYTRVPPLVWKLGWSPK	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	0.00	3.24	2.45	0.00	1	5	2	DGDSTSTLEEHSSEKQIKNLPEETF	1
							2	AENLHRGAHHYTGLLK	1
							2	WWAEVQQTPKRHLSSTK	1
							2	NSSMALQQAHLKKNM[147]SHC[339]R	1
HEAT3_HUMAN (Q7Z4Q2) HEAT repeat-containing protein 3 [MASS=74582]	0.00	8.24	1.45	0.00	1	2	2	DIMTPLVALLKEC[339]SAGLDSNEMSLQEK	1
							2	SQAEIINALLKILSEVLGM[147]DAGEM[147]VIQMK	1
							3	GILEPHGGRSDMDR	3
HEPH_HUMAN (Q9BQS7) Hephaestin precursor (EC 1.-.-.-) [MASS=130448]	*	1.21	*	*	*	1			
HEPS_HUMAN (P05981) Serine protease hepsin (EC 3.4.21.-) (Transmembrane protease, serine 1) [Contains: Serine protease hepsin non-catalytic chain; Serine protease hepsin catalytic chain] [MASS=45011]	0.00	2.88	1.83	0.00	1	1	2	FLAAIC[339]QDC[339]GRR	1
HESX1_HUMAN (Q9UBX0) Homeobox expressed in ES cells 1 (Homeobox protein ANF) (hAnf) [MASS=21409]	0.00	17.30	1.36	0.00	1	1	3	DGNLC[339]LHVPNPPSGISFPSVVDHPMPEERASK	1
HHCM_HUMAN (Q05877) Hepatocellular carcinoma protein HHCM (HHC(M)) [MASS=52150]	*	6.42	*	*	*	1	2	VGIINIFKVIISILQQVMANTLEINGKIR	1
HINT2_HUMAN (Q9BX68) Histidine triad nucleotide-binding protein 2 (EC 3.-.-.-) (HINT-2) (HINT-3) (HIT-17kDa) (PKCI-1-related HIT protein) [MASS=17162]	*	12.27	*	*	*	1	2	DVAPQAPVHFLVIPKKPIPR	1

HIP1R_HUMAN (O75146) Huntingtin-interacting protein 1-related protein (Hip1-related) (Hip 12) [MASS=119387]	0.00	7.12	2.30	0.00	1	4	3 ALELM[147]GQLQDQQALR 2 LQEC[330]SRTVNERAANVVASTK 2 RIEDM[147]M[147]NQARHASSGVK 3 LSESVFRQLNTAIAVSQMSSGQC[339]R	1 1 1 1
HNRH1_HUMAN (P31943) Heterogeneous nuclear ribonucleoprotein H (hnRNP H) [MASS=49098]	*	4.46	*	*	*	1	2 FFSDC[330]KIQNGAQQIRFIYTR	1
HNRLL_HUMAN (Q8WVV9) Heterogeneous nuclear ribonucleoprotein L-like (Stromal RNA-regulating factor) (BLOCK24 protein) [MASS=60083]	*	6.46	*	*	*	2	3 AVTHLNNVKLFGK 2 TEEGEIDYSAEEGENRREATPR	1 1
HNRPK_HUMAN (P61978) Heterogeneous nuclear ribonucleoprotein K (hnRNP K) (Transformation up-regulated nuclear protein) (TUNP) [MASS=50976]	0.99	6.26	0.75	0.00	1	2	2 LFQEC[330]C[330]PHSTDR 2 GGSRRARNLPLPPPPPR	1 1
HNRPU_HUMAN (Q00839) Heterogeneous nuclear ribonucleoprotein U (hnRNP U) (Scaffold attachment factor A) (SAF-A) (p120) (pp120) [MASS=90348]	0.00	15.67	0.33	0.00	1	6	2 KDC[339]EVVM[147]MIGLPGAGKTTWVTK 2 KQM[147]ADTGKLTLLQR 3 RGNM[147]PQRGGGGGGSGGIGYPYPR 3 EVLAGRPLFPVLC[330]HNC[330]AVEFNFGQK 3 GGM[147]PNRGNYNQNFGR 3 IGWSLTTSGMILLGEEFSYGYSKGIK	1 1 1 1 1 1
HOOK2_HUMAN (Q96ED9) Hook homolog 2 (h-hook2) (hHK2) [MASS=83163]	0.00	0.97	0.16	0.00	1	1	2 C[330]AQLQPR	1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	*	3.38	*	*	*	1	3 VPTEENEMSSEADMEC[339]LNQRPPENPDTDK	1
HS12A_HUMAN (O43301) Heat shock 70 kDa protein 12A [MASS=74978]	*	3.70	*	*	*	2	1 RAAAPDR 2 WVITVPAIWKQPAKQFM[147]R	1 1
HS12B_HUMAN (Q96MM6) Heat shock 70 kDa protein 12B [MASS=75687]	*	3.21	*	*	*	1	3 TQLEAVNGKTM[147]PALEVFAHALR	1
HS74L_HUMAN (O95757) Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related protein APG-1) [MASS=94486]	0.00	1.91	0.97	0.00	1	1	2 GKVKSIDLPIQSSLC[339]R	1
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	*	6.02	*	*	*	3	2 YYTSASGDEM[147]VSLKDYC[330]TRM[147]K 3 ADLINNLGTIAK 2 KFYEQFSKNIK	1 1 1
HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	0.00	3.87	0.68	0.00	1	2	2 GFEVVMTEPIDEYC[339]VQQLK 2 AKFENLC[330]K	1 1

HUTH_HUMAN (P42357) Histidine ammonia-lyase (EC 4.3.1.3) (Histidase) [MASS=72697]	0.00	1.83	0.50	0.00	1	1	2	C[330]KGLGLLDNEDR	1
HV3P_HUMAN (P01777) Ig heavy chain V-III region TEI [MASS=12802]	0.00	18.49	0.49	0.00	1	1	2	NTLYLQMLSLEPZBTAVYYC[339]AR	1
HXA13_HUMAN (P31271) Homeobox protein Hox-A13 (Hox-1J) [MASS=39753]	0.00	8.76	0.77	0.00	1	1	3	SC[330]PQPPSAAAAAFAADKYM[147]DTAGPAAEEFSSRAK	1
							2	AAQLC[330]GAGM[147]AAVVDK	2
							2	AAQLC[339]GAGM[147]AAVVDKIR	3
							3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
							2	C[339]NVSFLLSEDGSGK	2
							2	MIAAQLLAYFFTELKDDQVK	1
							2	LPVGFTFSFPC[330]QQSK	1
							3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
							2	AILQQLGLNSTC[339]DDSVLVK	1
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	23.12	1.40	0.06	28	13	2	MISGM[147]YLGEIVRNILIDFTKK	1
							2	ATDC[339]VGHDVVTLLR	3
							2	RAAQLC[339]GAGM[147]AAVVDK	2
							2	AAQLC[339]GAGM[147]AAVVDK	2
							2	KLPVGFTFSFPC[339]QQSK	3
							2	C[330]NVSFLLSEDGSGK	1
							2	ATDC[330]VGHDVVTLLR	1
							1	TVC[339]GVVSR	1
							3	NILIDFTKKGFLFR	1
							2	LPVGFTFSFPC[339]QQSK	4
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	23.12	1.40	0.06	28	13	2	TVC[330]GVVSR	1

I12R2_HUMAN (Q99665) Interleukin-12 receptor beta-2 chain precursor (IL-12 receptor beta-2) (IL-12R-beta2) [MASS=97135]	*	3.36	*	*	*	1	3	SYIC[330]YEIRVYALSGDQGGC[330]SSILGNSKHK	1
I28RA_HUMAN (Q8IU57) Interleukin-28 receptor alpha chain precursor (IL-28R-alpha) (IL-28RA) (Cytokine receptor family 2 member 12) (Cytokine receptor class-II member 12) (CRF2-12) (Interferon lambda receptor 1) (IFN-lambda R1) (Likely interleukin or cyto [MASS=57652]	0.00	3.85	1.62	0.00	1	1	2	EVEEC[339]AGTKELLC[339]SMMC[339]LKK	1
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	*	3.27	*	*	*	1	3	PASHQTFPLQLESGQTVEC[339]TVAQYFKQK	1
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	*	5.12	*	*	*	2	2	DEM[147]AHVTGRVLPAPM[147]LQYGGR	1
							3	QFHTGVEIKM[147]WAIAC[330]FATQRQC[339]R	1
							3	KAC[339]ISLEEDYR	2
I2C4_HUMAN (Q9HCK5) Eukaryotic translation initiation factor 2C 4 (eIF2C 4) (eIF-2C 4) (Argonaute-4) [MASS=97096]	*	1.86	*	*	*	2	1	IIYYR	2
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	*	2.16	*	*	*	1	2	VAFVERGGSLWLNC[330]STNC[330]PR	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	0.27	13.93	1.31	0.00	1	2	2	TFDLYANVRPC[339]VSIEGYK	1
							3	GFTGGVQTVTLIPGDGIGPEISAAVM[147]KIFDAAK	1
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	0.99	7.12	1.53	0.00	1	2	1	KKVTAVHK	2
							2	NIANPTATLLASC[339]M[147]M[147]LDHLK	1

IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	11.28	1.36	0.15	8	4	2	NILGGTVFREPIIC[339]K	1
							2	VC[330]VETVESGAM[147]TK	1
							2	DLAGC[339]IHGLSNVK	2
IF4G2_HUMAN (P78344) Eukaryotic translation initiation factor 4 gamma 2 (eIF-4-gamma 2) (eIF-4G 2) (eIF4G 2) (p97) (Death-associated protein 5) (DAP-5) [MASS=102361]	*	2.98	*	*	*	2	2	C[330]ATITPDEAR	1
							2	NILGGTVFREPIIC[330]K	2
							2	DLAGC[330]IHGLSNVK	1
IF5A1_HUMAN (P63241) Eukaryotic translation initiation factor 5A-1 (eIF-5A-1) (eIF-5A1) (Eukaryotic initiation factor 5A isoform 1) (eIF-5A) (eIF-4D) (Rev-binding factor) [MASS=16701]	*	27.45	*	*	*	2	3	AKSLMDQYFARM[147]C[339]SLM[147]LSK	1
							2	ERHDAIFR	1
							3	YDC[339]GEEILITVLSAM[147]TEEAATAIK	1
IF5A2_HUMAN (Q9GZV4) Eukaryotic translation initiation factor 5A-2 (eIF-5A-2) (eIF-5A2) (Eukaryotic initiation factor 5A isoform 2) [MASS=16662]	*	19.08	*	*	*	1	2	HGHAKVHLVGIDIFTGKK	1
							3	EIEGKYNAGEDVQVSVM[147]C[330]AM[147]SEEYATAIK	1
							3	EIEGKYNAGEDVQVSVM[147]C[330]AM[147]SEEYATAIK	1
IGLL1_HUMAN (P15814) Immunoglobulin lambda-like polypeptide 1 precursor (Immunoglobulin-related protein 14.1) (Immunoglobulin omega polypeptide) (Ig lambda-5) (CD179b antigen) [MASS=22963]	0.00	17.37	1.83	0.00	1	2	2	SYSC[339]QVM[147]HEGSTVEK	1
							2	QSNNKYAASSYLSLTPEQWRSR	1
							2	SYSC[339]QVM[147]HEGSTVEK	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	11.06	0.69	0.18	3	3	2	EDDGASIVC[330]SVNHESLK	1
							2	LLLHC[330]EGR	1
							3	EKDTATLNC[330]QSSGSKPAAR	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	*	4.73	*	*	*	1	2	QAPTSPPRMTVHEGQELALGC[330]LARTSTQK	1
							2	QAPTSPPRMTVHEGQELALGC[330]LARTSTQK	1
							2	QAPTSPPRMTVHEGQELALGC[330]LARTSTQK	1

IL18R_HUMAN (Q13478) Interleukin-18 receptor 1 precursor (IL1 receptor-related protein) (IL-1Rrp) (CDw218a antigen) [MASS=62304]	0.00	9.98	1.08	0.00	1	3	2	VLEKHFGYKLC[339]IFER	1
							3	MNC[339]RELPLTLWVLISVSTAESC[330]TSR	1
							2	KADM[147]ADIPGHVFTR	1
IL18_HUMAN (Q14116) Interleukin-18 precursor (IL-18) (Interferon-gamma-inducing factor) (IFN-gamma-inducing factor) (Interleukin-1 gamma) (IL-1 gamma) (Ibctadekin) [MASS=22326]	0.00	8.81	0.37	0.00	1	1	3	M[147]AAEPVEDNC[330]INFMAMK	1
							3	KWKSSFQHHHLR	12
IL1F8_HUMAN (Q9NZH7) Interleukin-1 family member 8 (IL-1F8) (Interleukin-1 eta) (IL-1 eta) (FIL1 eta) (Interleukin-1 homolog 2) (IL-1H2) [MASS=18521]	*	7.32	*	*	*	1			
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	3.03	*	*	*	1	2	YSMKTSSAETPTIPLGSAVEAIK	2
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	0.00	2.55	1.81	0.00	1	2	2	TETSLPETEVDHNMDVNTEEDDDGELALWSPEVK	1
							2	NC[330]GNSVRMLVAR	2
INSR_HUMAN (P06213) Insulin receptor precursor (EC 2.7.10.1) (IR) (CD220 antigen) [Contains: Insulin receptor subunit alpha; Insulin receptor subunit beta] [MASS=156306]	0.00	0.72	0.07	0.00	1	1	2	KHFALERGC[330]R	1
INT10_HUMAN (Q9NVR2) Integrator complex subunit 10 (Int10) [MASS=82235]	0.00	5.63	0.57	0.00	1	2	2	LRAFTDNRDDM[147]ALGHVIVLLQGEWPR	1
							2	SYGDILHRMKDLC[339]R	1
INVS_HUMAN (Q9Y283) Inversin (Inversion of embryo turning homolog) (Nephrocystin-2) [MASS=117826]	*	2.91	*	*	*	2	2	LDC[339]ADALLKAGADVNKTDHSQR	1
							1	GTSGTKSTK	1

IP6K1_HUMAN (Q92551) Inositol hexaphosphate kinase 1 (EC 2.7.4.21) (InsP6 kinase 1) (Inositol hexakisphosphate kinase 1) [MASS=50235]	*	2.95	*	*	*	1	2	KC[330]EQSTSATLGVR	1
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	*	1.06	*	*	*	1	2	C[339]LIDDEREM[147]PVK	1
IQGA2_HUMAN (Q13576) Ras GTPase-activating-like protein IQGAP2 [MASS=180480]	*	7.31	*	*	*	5	2	PVIYISIEEIISTHSLLEHQDAIAPEK	1
							2	GGEMEILNNTDNQGIKSLSK	1
							3	SKFLGVEMEKVQLNIQDLLQM[147]QYEGVAVM[147]K	1
							2	PRYGSI VDDERLSAEEMDER	1
							2	QWVTLVVDVNQC[330]LEGKK	1
							2	PRYGSI VDDERLSAEEM[147]DER	1
IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	*	5.70	*	*	*	2	3	LSIKTDVYSFGIVIMEVLTGCG[339]R	1
							3	FSWDEYEQYKKE	1
IRK13_HUMAN (O60928) Inward rectifier potassium channel 13 (Potassium channel, inwardly rectifying subfamily J member 13) (Inward rectifier K(+) channel Kir7.1) [MASS=40529]	0.00	5.83	0.95	0.00	1	1	2	RTSYLPSEIMLHHC[330]FASLLTR	1
IRK6_HUMAN (P48051) G protein-activated inward rectifier potassium channel 2 (GIRK2) (Potassium channel, inwardly rectifying subfamily J member 6) (Inward rectifier K(+) channel Kir3.2) (KATP-2) (BIR1) [MASS=48451]	*	5.44	*	*	*	1	2	EELEIVVILEGMVEATGMTG[330]QAR	1
IRS2_HUMAN (Q9Y4H2) Insulin receptor substrate 2 (IRS-2) [MASS=137333]	*	2.77	*	*	*	2	2	C[339]SSC[330]RVRTASEGDGGAAGAAAAGAR	1
							3	TYSLTTPARQR	1
ISK5_HUMAN (Q9NQ38) Serine protease inhibitor Kazal-type 5 precursor (Lympho-epithelial Kazal-type-related inhibitor) (LEKTI) [Contains: Hemofiltrate peptide HF6478; Hemofiltrate peptide HF7665] [MASS=120758]	*	1.60	*	*	*	1	3	DADGKSYNNQC[339]TM[147]C[330]KAK	1
ISK6_HUMAN (Q6UWN8) Serine protease inhibitor Kazal-type 6 precursor [MASS=8585]	*	10.00	*	*	*	1	1	AIVKSGGK	1

ITA11_HUMAN (Q9UKX5) Integrin alpha-11 precursor [MASS=133609]	0.00	1.43	1.43	0.00	1	1	2	FTNRAVLLSSGQELC[339]ER	1
ITA6_HUMAN (P23229) Integrin alpha-6 precursor (VLA-6) (CD49f antigen) [Contains: Integrin alpha-6 heavy chain; Integrin alpha-6 light chain] [MASS=126618]	*	1.15	*	*	*	1	3	NPTKDGDDEAHEAK	1
ITAD_HUMAN (Q13349) Integrin alpha-D precursor (Leukointegrin alpha D) (ADB2) (CD11d antigen) [MASS=126885]	*	2.93	*	*	*	1	3	LQYFGQALSGGQDLTQDGLM[147]DLAVGARGQVLLLR	1
JAD1C_HUMAN (P41229) Jumonji/ARID domain-containing protein 1C (SmcX protein) (Xe169 protein) [MASS=175804]	*	3.21	*	*	*	3	2	EELSHSPEPC[339]TKMTMR	1
							3	VAQRLNYPPEGK	1
							3	LLSSPRPNPTSSPLLAWWEWDTK	1
JAG2_HUMAN (Q9Y219) Jagged-2 precursor (Jagged2) (HJ2) [MASS=133365]	*	2.75	*	*	*	2	2	WKSLHFSGHVAHLELQIR	1
							2	RADEALPGPAGHAAVR	1
JARD2_HUMAN (Q92833) Jumonji protein (Jumonji/ARID domain-containing protein 2) [MASS=138734]	0.00	1.28	4.08	0.00	1	1	2	YDEEQIISLVNQIC[339]GK	1
JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	*	1.65	*	*	*	1	2	RPTVVDLVDWVDNMWPQHLKEK	1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	0.00	3.74	1.46	0.00	1	4	2	NFQAVSQGSPSSVM[147]SAVNTMC[330]NTK	1
							3	LFKEC[330]WKQGQPAVVSGVHK	1
							3	HLMPTQIIPGSVLTDLDDAMHTLREKYGIK	1
							3	HLMPTQIIPGSVLTDLDDAM[147]HTLREKYGIK	1
							3	YVSYISPLSAVSVM[147]EDKLHKKR	1
JUN_HUMAN (P05412) Transcription factor AP-1 (Activator protein 1) (AP1) (Proto-oncogene c-jun) (V-jun avian sarcoma virus 17 oncogene homolog) (p39) [MASS=35675]	0.00	15.71	0.32	0.00	1	2	3	MTAKMETTFYDDALNASFLPSESGPYGYSNPK	1
							2	VMNHVNSGC[330]QLM[147]LTQQLQTF	1
K0152_HUMAN (Q14165) Protein KIAA0152 precursor [MASS=32234]	0.00	10.27	1.19	0.00	1	1	3	LYIEFVKGYDNPVKVC[339]ALYIMAGTVDDVPK	1

K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	1.38	32.92	0.02	3	2			
							2	PSELMPKLK	1
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	*	0.92	*	*	*	1	2	ADSGPTQPPLSLSPAPETKR	1
K0889_HUMAN (O94964) Protein KIAA0889 [MASS=55760]	*	5.41	*	*	*	1	2	TKSVSSM[147]SEFESLLDC[330]SPYLAGGDARGK	1
K1024_HUMAN (Q9UPX6) UPF0258 protein KIAA1024 [MASS=102992]	*	2.40	*	*	*	1	3	SDC[339]DSSPEHNLTKIANGVPNSK	1
K1219_HUMAN (Q86X10) Protein KIAA1219 [MASS=166797]	*	0.94	*	*	*	1	3	YSVKHRPFPEEVDK	1
K1267_HUMAN (Q7Z3B3) Protein KIAA1267 [MASS=120965]	0.00	3.71	0.88	0.00	1	2	2	C[330]SEQAFDSDVTDSSSGGESDIEEELTR	1
							2	KAIAAEDPSLDFR	1
K6PP_HUMAN (Q01813) 6- phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	*	6.38	*	*	*	2	3	EIGWTDVGGWTGQGGSilGtKRVLPgK	1
							3	VTILGHVQRGGTPSAFDRILASR	2
KAP2_HUMAN (P13861) cAMP-dependent protein kinase type II-alpha regulatory subunit [MASS=45387]	0.00	2.48	1.48	0.00	1	1	2	LLGPC[339]M[147]DIM[147]K	1

								3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	3
								3	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	3
								2	QETVDC[330]LKK	1
								3	NSKPVHTTILNPHIHLM[147]GDESAC[330]IAYIR	1
								2	STVASC[339]M[147]HR	3
KCC2A_HUMAN (Q9UQM7)								3	M[147]C[330]DPGMTAFEPEALGNLVEGLDFHR	1
Calcium/calmodulin-dependent protein kinase								2	QETVDC[339]LKK	1
type II alpha chain (EC 2.7.11.17) (CaM-kinase	1.00	19.04	0.82	0.14	29	5		3	M[147]C[339]DPGMTAFEPEALGNLVEGLDFHR	1
II alpha chain) (CaM kinase II alpha subunit)								3	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	5
(CaMK-II subunit alpha) [MASS=54029]										
								2	STVASC[330]M[147]HR	3
								2	DGKWQIVHFHRSGAPSVLPH	1
								3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	3
								3	NSKPVHTTILNPHIHLM[147]GDESAC[339]IAYIR	1
								2	MC[330]DPGMTAFEPEALGNLVEGLDFHR	1
KCC2A_HUMAN (Q9UQM7)								2	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	3
Calcium/calmodulin-dependent protein kinase	1.00	19.04	0.82	0.14	29	5				
type II alpha chain (EC 2.7.11.17) (CaM-kinase								3	MC[330]DPGMTAFEPEALGNLVEGLDFHR	1
II alpha chain) (CaM kinase II alpha subunit)										
(CaMK-II subunit alpha) [MASS=54029]										
KCC2B_HUMAN (Q13554)								3	NSKPIHTTILNPHVHVIGEDAAC[339]IAYIR	1
Calcium/calmodulin-dependent protein kinase								3	SRGAPAC[339]PSPAPFSPLPAPSPRISDILNSVR	1
type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM	1.00	14.16	1.02	0.14	4	4		3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	2
kinase II subunit beta) (CaMK-II subunit beta)										
[MASS=72726]								2	LC[339]TGHEYAAK	1
								3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1

KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	1.00	13.03	0.83	0.12	5	3	3	IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR	1
							3	IC[330]DPGLTAFEPEALGNLVEGMDFHR	1
							3	M[147]ASTTTC[339]TRFTDEYQLFEELGK	1
							3	IC[339]DPGLTAFEPEALGNLVEGM[147]DFHR	3
							2	STVASM[147]MHRQETVDC[339]LKK	1
KCC2G_HUMAN (Q13555) Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	0.99	8.06	1.06	0.23	2	2	3	TAPSAGM[147]QPQPSLC[339]SSAM[147]RK	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHK	1
KCMB3_HUMAN (Q9NPA1) Calcium-activated potassium channel subunit beta 3 (Calcium-activated potassium channel, subfamily M subunit beta 3) (Maxi K channel subunit beta 3) (BK channel subunit beta 3) (Slo-beta 3) (K(VCA)beta 3) (Charybdotoxin receptor subu [MASS=31603]	0.00	5.38	0.30	0.00	1	1	2	VPYIEQHQQKLC[330]IM[147]R	1
KCND3_HUMAN (Q9UK17) Potassium voltage-gated channel subfamily D member 3 (Voltage-gated potassium channel subunit Kv4.3) [MASS=73451]	0.00	2.75	1.34	0.00	1	1	2	SPSLSSHPGLTTTC[339]C[339]SRR	1
KCNG2_HUMAN (Q9UJ96) Potassium voltage-gated channel subfamily G member 2 (Voltage-gated potassium channel subunit Kv6.2) (Cardiac potassium channel subunit) [MASS=51239]	0.00	6.65	2.78	0.00	1	1	3	LFAC[339]VSVSFVAVTAVGLC[339]LSTMPDIRAEER	1
KCCKF_HUMAN (Q9H427) Potassium channel subfamily K member 15 (Acid-sensitive potassium channel protein TASK-5) (TWIK-related acid-sensitive K(+) channel 5) (Two pore potassium channel KT3.3) [MASS=36130]	0.00	14.85	0.81	0.10	2	2	3	RPARSVGSASVFC[330]HVHK	1
							3	AAGLVLC[330]TLC[330]YLLVGAAVFDALSEAESGRQR	1

								2	FC[339]TGLTQIETLFK	1
								2	FC[330]TGLTQIETLFK	2
								2	GFC[330]LPPHC[330]SR	6
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	23.62	0.73	0.12	14	5		3	SKDYEFM[147]WNPHLG YILTC[330]PSNLGTGLR	1
								2	LEQGQAIDDL M[147]PAQK	1
								3	LGFSEVELVQM VVDGVKLLIEMEQR	2
								2	GFC[339]LPPHC[339]SR	4
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	6.21	*	*	*	2		2	LGYILTC[339]PSNLGTGLR	2
								2	GLSLPPAC[339]TR	3
								2	GLSLPPAC[330]TR	1
								2	HNNC[330]M[147]ASHLTPAVYAR	4
								3	HNNC[339]M[147]ASHLTPAVYAR	4
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	6.47	1.58	0.05	19	2		3	HTTDL DASKIR	1
								3	HNNC[330]M[147]ASHLTPAVYAR	3
								2	HNNC[339]M[147]ASHLTPAVYAR	4

KEAP1_HUMAN (Q14145) Kelch-like ECH-associated protein 1 (Cytosolic inhibitor of Nrf2) (Kelch-like protein 19) [MASS=69665]	0.00	3.04	10.91	0.00	1	1	3	M[147]TSGRSGVGVAVTMEPC[339]RK	1
KGP2_HUMAN (Q13237) cGMP-dependent protein kinase 2 (EC 2.7.11.12) (CGK 2) (cGKII) (Type II cGMP-dependent protein kinase) [MASS=87432]	0.00	2.49	1.21	0.00	1	1	2	YVYM[147]LLEAC[330]LGELWSILR	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	0.00	5.31	1.71	0.00	1	10	2	ATLLQQRREGEMK	1
							2	TPSVGKAM[147]DTPK	1
							2	PELFDENLPPNTPLKRGEAPTK	1
							2	GQNLLQTQDHAKAPKSEK	1
							2	GKGEAGNSDSM[147]C[339]LRSR	1
							2	QMLDPANYGTGMRWPR	1
							2	VLNNFISNQKMDFKEDLSGIAEMFK	1
							1	RGGERVATC[339]LQK	1
							2	EEPSAVKFTQTSGETTDADKEPAGEDK	1
							2	AQPLEDLAGWK	1
KIF1B_HUMAN (O60333) Kinesin-like protein KIF1B (Klp) [MASS=204431]	0.00	1.32	0.98	0.00	1	1	2	SFSFDYSYWSHTSPEDPC[339]FASQNR	1
KIF1C_HUMAN (O43896) Kinesin-like protein KIF1C [MASS=123071]	0.00	3.45	0.66	0.00	1	2	3	C[339]HDQLTGLDSEKVKISLVDLAGSER	1
							2	C[330]HDQLTGLDSEK	1
KIRR2_HUMAN (Q6UWL6) Kin of IRRE-like protein 2 precursor (Kin of irregular chiasm-like protein 2) (Nephrin-like protein 3) [MASS=75093]	*	3.53	*	*	*	1	3	LPC[339]ALGAYWGLVQWTKSGLALGGQR	1
KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase beta) (CaM-kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	0.96	2.21	0.31	0.00	1	1	2	GTRPAPGGC[330]IQPR	1
KLDC5_HUMAN (Q9P2K6) Kelch domain-containing protein 5 [MASS=56867]	0.00	4.75	0.31	0.00	1	1	2	QQM[147]VSVEETIYIVGGC[330]LHELGPNR	1
KLF11_HUMAN (O14901) Krueppel-like factor 11 (Transforming growth factor-beta-inducible early growth response protein 2) (TGFB-inducible early growth response protein 2) (TIEG-2) [MASS=55139]	0.00	8.98	1.33	0.00	1	2	2	AC[339]TATDVLQSSAVVAR	1
							3	GTSVIRHTGESPAAC[339]FPTIQTPDC[330]RLSDSR	1

KLH17_HUMAN (Q6TDP4) Kelch-like protein 17 (Actinfilin) [MASS=69874]	0.00	3.58	0.52	0.00	1	2	2	HYHDAFVAMSRM[147]R	1
							2	WVAASC[330]M[147]FTR	1
KLK13_HUMAN (Q9UKR3) Kallikrein-13 precursor (EC 3.4.21.-) (Kallikrein-like protein 4) (KLK-L4) [MASS=30570]	*	2.53	*	*	*	1	2	YETQQQK	1
KLKB1_HUMAN (P03952) Plasma kallikrein precursor (EC 3.4.21.34) (Plasma prekallikrein) (Kininogenin) (Fletcher factor) [Contains: Plasma kallikrein heavy chain; Plasma kallikrein light chain] [MASS=71369]	*	4.23	*	*	*	1	2	TSESGTPSSSTPQENTISGYSL LTC[330]KR	1
KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	1.86	*	*	*	3	1	KLQGQIK	1
							3	LMKFSLDTLYVSTAKHVFEK	1
							2	TSVDILKILC[330]DIQK	1
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	*	5.37	*	*	*	2	2	DAKNLIPMDPNGLSDPYVK	1
							3	KDVVIQDDDDVEC[330]TM[147]VEK	1
KPCT_HUMAN (Q04759) Protein kinase C theta type (EC 2.7.11.13) (nPKC-theta) [MASS=81864]	*	5.67	*	*	*	3	2	C[330]DAC[330]GM[147]NVHHRC[339]QTK	1
							2	IEDFILHKMLGKGSFGK	1
							2	FKIDMPHR	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	11.51	0.70	0.03	3	4	1	KVLGEKGK	1
							2	NTGIIC[330]TIGPASR	2
							2	DIQDLKFGVEQDVDM[147]VFASFIRK	1
							2	AGKPVIC[330]ATQM[147]LESM[147]IK	1
KRHB2_HUMAN (Q9NSB4) Keratin, type II cuticular Hb2 (Hair keratin, type II Hb2) [MASS=56683]	*	6.24	*	*	*	2	3	ALGC[330]LGSRSLC[339]NVGFGR	1
							2	NKLETKWNFM[147]QQQR	1
KS6A2_HUMAN (Q15349) Ribosomal protein S6 kinase alpha-2 (EC 2.7.11.1) (S6K-alpha 2) (90 kDa ribosomal protein S6 kinase 2) (p90-RSK 2) (Ribosomal S6 kinase 3) (RSK-3) (pp90RSK3) (MAP kinase-activated protein kinase 1c) (MAPKAPK1C) [MASS=83238]	0.00	4.09	1.67	0.00	1	2	3	TMDYLHSQGVVHR	2
							3	NPC[339]NRLGAGIDGVEEIK	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	*	6.76	*	*	*	3	1	HAVRTPPR	1
							2	TQPAEAIWQM[147]GTGM[147]KPNLSQIGM[147]GK	1
							3	EISDILLFC[339]WAFEQEERPTFTK	1
							3	TQPAEAIWQM[147]GTGM[147]KPNLSQIGM[147]GK	1

L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	1.00	7.32	0.67	0.01	2	5	2	HHKDHVVVPANTTSVILSGLR	1
							2	C[330]EASGKPEVQFR	1
							1	DGVHFK	3
LAC_HUMAN (P01842) Ig lambda chain C regions [MASS=11236]	0.30	14.29	1.57	0.00	1	1	2	C[339]FASNKLGTAM[147]SHEIRLM[147]AEGAPK	1
							3	ETVKPVEVEEGESVVLPC[330]NPPPSAEPLR	1
							2	SYSC[339]QVTHEGSTVEK	1
LARP1_HUMAN (Q6PKG0) La-related protein 1 (La ribonucleoprotein domain family member 1) [MASS=123509]	0.00	7.85	1.23	0.00	1	4	3	C[339]PSQSSSRPAAMISQPPTPPTGQPVREDAK	1
							2	RDFVEAPPPK	1
							2	C[330]PSQSSSRPAAMISQPPTPPTGQPV	1
							3	GLSASLPDLSENWIEVKKR	1
LATS1_HUMAN (O95835) Serine/threonine-protein kinase LATS1 (EC 2.7.11.1) (Large tumor suppressor homolog 1) (WARTS protein kinase) (h-warts) [MASS=126869]	0.00	1.50	0.23	0.00	1	1	2	QDSM[147]DFSNEWGDPSSC[330]R	1
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	*	5.42	*	*	*	1	2	IM[147]SGVYSQGMADLLFEQQM[147]VEK	1
LCB2_HUMAN (O15270) Serine palmitoyltransferase 2 (EC 2.3.1.50) (Long chain base biosynthesis protein 2) (LCB 2) (Serine-palmitoyl-CoA transferase 2) (SPT 2) [MASS=62924]	*	10.68	*	*	*	2	3	C[339]HHATEREEQKDFVSLYQDFENFYTR	1
							3	EMGFIIYGNEDSPVVPLMLYM[147]PAKIGAFGREM[147]LK	1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	*	3.06	*	*	*	1	3	AVRHC[339]VRAFLEQIGAPQAALR	1
LDB1_HUMAN (Q86U70) LIM domain-binding protein 1 (Carboxyl-terminal LIM domain-binding protein 2) (CLIM-2) (LIM domain-binding factor CLIM2) [MASS=42809]	*	13.33	*	*	*	2	2	RKMSGGSTMSSGGGNTNNSNSK	1
							3	C[339]GLSNSTLNLYRLC[330]VILEPM[147]QELMSRHK	1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.00	12.65	*	*	*	3	3	LKGETM[147]DLQHGSPPFM[147]K	1
							2	GETMDLQHGSPPFM[147]K	1
							2	VIGSGC[330]NLDSAR	1
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	9.61	0.68	0.18	2	2	2	LNLVQRNVNVFK	1
							2	GM[147]YGIENEVFLSLPC[330]ILNAR	1

LEF1_HUMAN (Q9UJU2) Lymphoid enhancer-binding factor 1 (LEF-1) (T cell-specific transcription factor 1-alpha) (TCF1-alpha) [MASS=44200]	0.00	9.02	0.23	0.00	1	1	3	M[147]PQLSGGGGGGGDPELC[330]ATDEM[147]IPFKDEGDPQKEK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	1.00	20.15	0.86	0.09	4	2	2 2 2	DSNNLC[330]LHFNPR FNAHGDANTIVC[330]NSK DSNNLC[339]LHFNPR	1 1 2
LEG4_HUMAN (P56470) Galectin-4 (Lactose-binding lectin 4) (L-36 lactose-binding protein) (L36LBP) (Antigen NY-CO-27) [MASS=35941]	*	4.02	*	*	*	1	3	TIIIKGYVPPTGK	3
LEPR_HUMAN (P48357) Leptin receptor precursor (LEP-R) (OB receptor) (OB-R) (HuB219) (CD295 antigen) [MASS=132449]	0.00	4.64	3.41	0.00	1	2	2 3	HQSDAGLYVIVPVISSSILLGTLISHQRMK M[147]TC[330]RWSTSTIQSLAESTLQLR	1 1
LGI1_HUMAN (O95970) Leucine-rich glioma-inactivated protein 1 precursor (Epitempin-1) [MASS=63818]	*	3.23	*	*	*	1	2	C[339]PAVC[330]JTC[339]TKDNALC[339]ENAR	1
LGI3_HUMAN (Q8N145) Leucine-rich repeat LGI family member 3 precursor (Leucine-rich glioma-inactivated protein 3) (LGI1-like protein 4) [MASS=61704]	*	4.74	*	*	*	1	3	ARGGPGPGLLALSALGFC[330]LM[147]LQVSAK	1
LGI4_HUMAN (Q8N135) Leucine-rich repeat LGI family member 4 precursor (Leucine-rich glioma-inactivated protein 4) (LGI1-like protein 3) [MASS=59141]	*	3.54	*	*	*	1	2	AFAHITMAGRRFLFAAC[330]FK	1
LHX3_HUMAN (Q9UBR4) LIM/homeobox protein Lhx3 [MASS=43358]	0.00	8.06	3.74	0.00	1	3	2 3 2	SAYNTSPK WGQYFRNMK EIPLC[339]AGC[339]DQHILDR	1 1 1
LIPA3_HUMAN (O75145) Liprin-alpha-3 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3) (PTPRF-interacting protein alpha-3) [MASS=133495]	0.00	3.69	1.13	0.00	1	3	1 3 2	ADGVSVR M[147]TVVKRQAQSPGGVSSEVEVLK MM[147]C[330]EVM[147]PTISEDGRR	1 1 1

LIPB2_HUMAN (Q8ND30) Liprin-beta-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 2) (PTPRF-interacting protein-binding protein 2) [MASS=98444]	0.00	7.08	0.44	0.00	1	3	2	M[147]ASDASHALEAALEQM[147]DGIIAGTK	1
							3	KAEELLQELRHLK	1
							2	QEM[147]PPRC[330]SSPTVGPPPLPQKSLETR	1
LMO4_HUMAN (P61968) LIM domain transcription factor LMO4 (LIM domain only protein 4) (LMO-4) (Breast tumor autoantigen) [MASS=17994]	0.00	12.12	0.57	0.00	1	1	2	IADRFLLYAMDSYWHSRC[330]LK	1
LOX15_HUMAN (P16050) Arachidonate 15- lipoygenase (EC 1.13.11.33) (Arachidonate omega-6 lipoygenase) (15-LOX) [MASS=74673]	*	3.63	*	*	*	1	2	RSAHLPARLVFPPGMEELQAQLEK	1
LPP1_HUMAN (O14494) Lipid phosphate phosphohydrolase 1 (EC 3.1.3.4) (Phosphatidic acid phosphatase 2a) (Phosphatidate phosphohydrolase type 2a) (PAP2a) (PAP-2a) (PAP2-alpha) [MASS=32156]	0.00	10.56	0.90	0.00	1	1	3	MFDKTRLPYVALDVLC[330]VLLAGLPFAILTSR	1
LPPRC_HUMAN (P42704) 130 kDa leucine- rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.00	2.20	1.41	0.00	1	2	2	AENQPIR	1
							2	EVQM[147]HSFPLQFTLHC[339]ALLANK	1
LRC19_HUMAN (Q9H756) Leucine-rich repeat- containing protein 19 precursor [MASS=42334]	0.00	4.05	5.72	0.05	2	1	3	C[339]PIWYNILLSYNHHR	2
LRC47_HUMAN (Q8N1G4) Leucine-rich repeat- containing protein 47 [MASS=63472]	0.00	11.84	0.61	0.00	1	3	3	VLDLSGNALEALPPGQGLGPAEPPGLPQLQSLNLSGNR	1
							2	GKGRAEGSEK	1
							2	TLDLSNNQLSEIPAELADC[330]PK	1
LRC59_HUMAN (Q96AG4) Leucine-rich repeat- containing protein 59 [MASS=34930]	0.00	5.86	2.47	0.00	1	1	2	LLLLLLLFGVAGGLVAC[339]R	1
LRC8E_HUMAN (Q6NSJ5) Leucine-rich repeat- containing protein 8E [MASS=90277]	0.00	2.76	1.09	0.00	1	1	3	FLAILVYNLVYVEKISFLVAC[339]R	1

LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	*	2.72	*	*	*	6	3	NTHGSYTC[339]SC[330]VEGYLMQPDNRSC[330]K	1
							2	LDGSLRTTLIAGAMEHPRAIALDPR	1
							2	TKSLSRAHK	3
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	0.00	2.19	0.66	0.00	1	6	3	PRDIAVDWVAGNIYWDHSR	1
							3	YSINVGQLNGPNC[339]TRLLTNMAGEPYAIAVNP	1
							2	C[339]DMDGM[147]NRTRIISK	1
							3	SMAMSEDFVM[147]EM[147]GK	1
							3	C[339]ISYKVC[330]DGLDC[330]PGR	1
							3	VGM[147]DGTNKSIVISTK	1
LRRC7_HUMAN (Q96NW7) Leucine-rich repeat-containing protein 7 (Protein LAP1) (Densin-180) [MASS=172580]	*	4.03	*	*	*	3	2	C[339]PSGYTGK	2
							2	GSFRC[339]SC[330]DTGYMLESDDR	1
							3	NLTIDGYFYSLILEGLDNVVALDFDRVEKR	1
							2	ESTEIPSPFSPGVPWEYHDSNPNR	1
LRSM1_HUMAN (Q6UWE0) Ubiquitin ligase protein LRSAM1 (EC 6.3.2.-) (Leucine-rich repeat and sterile alpha motif-containing protein 1) (Tsg101-associated ligase) (hTAL) [MASS=83593]	*	6.50	*	*	*	2	3	EIGSC[330]KNVTVMSLRSNK	1
							3	SM[147]C[339]TPLPVAAQSTTLPSLSGR	1
							2	NRLIQM[147]AYESQRQNLVQQAC[330]SSM[147]AEM[147]DER	1
LRTM3_HUMAN (Q86VH5) Leucine-rich repeat transmembrane neuronal protein 3 precursor [MASS=65896]	*	9.47	*	*	*	2	2	IRM[147]EQLMSITQEETESLR	1
							3	NRLIQM[147]AYESQRQNLVQQAC[339]SSM[147]AEMDER	1
							3	PTNTETSEMLLNGTGPC[330]TYNK	1
LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	*	9.17	*	*	*	1	3	SFETNAQEDTMETHLETELDLSTITTAGRISDHK	1
							3	HSLEYSRLRIQKVDVYDEGSYTC[339]SVQTQHEPK	1
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	*	1.00	*	*	*	1	3	QPC[330]GSNPLPGLTK	1
							3		
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	5.56	*	*	*	2	2	GVQLWRVPGPQGYLISAYGAAGGKGAK	1
							2	GGAAGGGGGWTSRAPSPQAGR	1
LV1E_HUMAN (P01703) Ig lambda chain V-I region NEWM [MASS=10904]	0.00	18.45	0.55	0.00	1	1	2	VTISC[330]TGSSSNIGAGNHVK	1
							2		
LYST_HUMAN (Q99698) Lysosomal-trafficking regulator (Beige homolog) [MASS=429136]	*	1.10	*	*	*	2	3	GLKWGEYVGSPSAPVPVVC[339]FSQPHGER	1
							2	WIYMLSSVFQKQFYR	2

LYZL4_HUMAN (Q96KX0) Lysozyme-like protein 4 precursor [MASS=16433]	0.00	26.71	0.16	0.00	1	2	2	C[330]HMSC[330]SALLNPNEKTIK	1
							3	C[330]HMSC[339]SALLNPNEKTIKC[339]AK	1
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.65	12.78	1.57	0.09	2	2	3	QATYTTTTRLGIYTVLFRLTGADGTPPGFLLK	1
							2	GC[339]IPTM[147]AR	2
M3K13_HUMAN (O43283) Mitogen-activated protein kinase kinase kinase 13 (EC 2.7.11.25) (Mixed lineage kinase) (MLK) (Leucine zipper-bearing kinase) [MASS=108295]	0.00	5.18	0.88	0.00	1	3	1	HYSSATW	1
							3	ANNLYMELSAIMLQLEM[147]R	1
							2	SGSGSGGFLEGLFGC[339]LRPVWNIIGK	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	*	4.22	*	*	*	2	3	LEVFRAEELMAC[339]AGLTSPRIVPLYGAVR	1
							3	SSSWNM[147]VLARGR	1
							2	LVSDANEQYK	1
							2	VIAQLEIRQSELESIQEVLGDYR	1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	0.00	3.48	0.82	0.00	1	10	2	EM[147]FSQLADLDDELDDGMGAIGR	1
							2	SKAMLNEVEK	1
							3	ERLEKLEDAMQAAVQYQDTLQAMFDWLDNTVIK	1
							3	NDEC[339]VLEDNSQR	1
							2	EFQESFK	1
							2	RVDVNSAVAMGEVILAVC[339]HPDC[330]ITTIK	1
							2	LM[147]LLSRDDSGSGSKTEQSVALLEQK	1
							2	DSVLFVSVADRLRLEEEVEAC[339]K	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	1.01	*	*	*	3	2	ELQDALALISRLTESR	1
							2	RLISPELANMIQIDSSEFSDDR	1
							2	TTVETEDSSVENPEQDLFVEQK	1
MAOM_HUMAN (P23368) NAD-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.38) (NAD-ME) (Malic enzyme 2) [MASS=65443]	*	8.56	*	*	*	2	2	EKYC[330]TFNDDIQGTAVALAGLLAAQKVISK	1
							2	PDRC[330]LPVC[339]IDVGTDNIALLK	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	*	4.47	*	*	*	1	3	PRGLFITIHDKGHLATM[147]LNSWPEDNIK	1
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	*	2.75	*	*	*	3	2	ELVLSSPEDLTQDFEEM[147]KREER	1
							2	PDVC[330]M[147]ADPEGLSSESGRXER	1
							3	AIVFEIMEAGEPTGPILGAEALPGGLRTLQPQPGK	1

MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	*	4.16	*	*	*	3	3 DQEPTTDM[147]LKQDSFPVSLEQAVTDSAM[147]TSKTLEK 2 VLEEEKEAINQETVQQR 3 ESVHESIDTM[147]SPM[147]HKNGDKEFQTGK	1 1 1
MARCO_HUMAN (Q9UEW3) Macrophage receptor MARCO (Macrophage receptor with collagenous structure) (Scavenger receptor class A member 2) [MASS=52658]	*	9.23	*	*	*	2	2 GAMGM[147]PGAPGPPGPPAEK 2 DGATGPSGPQGPPGVKGEAGLQGPQGAPGK 3 DGATGPSGPQGPPGVKGEAGLQGPQGAPGK	1 1 1
MARK4_HUMAN (Q96L34) MAP/microtubule affinity-regulating kinase 4 (EC 2.7.11.1) (MAP/microtubule affinity-regulating kinase-like 1) [MASS=82519]	*	5.45	*	*	*	2	2 RKDSTSTPNNLPPSM[147]MTR 3 VPPASPSHSLAPPSGERSRLAR	1 1
MAST1_HUMAN (Q9Y2H9) Microtubule-associated serine/threonine-protein kinase 1 (EC 2.7.11.1) (Syntrophin-associated serine/threonine-protein kinase) [MASS=170676]	*	3.12	*	*	*	2	3 SRSLSPGRSPSSYDNEIVM[147]M[147]NHVYK 2 MYFAETVLALEYLHNYGIVHRDLK	1 1
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	5.35	*	*	*	3	2 ATGTFDNEIVMM[147]NHVYR	4
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	*	2.60	*	*	*	2	2 VPKSASVSALSIIITADDGSGGPLMSPLSPR 3 LLQDAHERSDSEEVSFIVQLVR	1 1
MBD1_HUMAN (Q9UIS9) Methyl-CpG-binding domain protein 1 (Methyl-CpG-binding protein MBD1) (Protein containing methyl-CpG-binding domain 1) [MASS=66607]	*	3.64	*	*	*	1	2 MSKSFQSSLSR 1 KDGSASAAK	1 1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n) [MASS=61333]	*	7.82	*	*	*	2	2 AQEIAMQNR 3 DGAKMVAAVAC[330]AQVPKITLIIGGSYGAGNYGMC[339]GR	1 1
MCLN2_HUMAN (Q8IZK6) Mucolipin-2 [MASS=62684]	*	2.04	*	*	*	1	3 IGLKVC[330]KQHYK	3

MCLN3_HUMAN (Q8TDD5) Mucolipin-3 [MASS=64247]	0.00	3.80	5.74	0.00	1	1	3	C[339]NFNQQTSPSEELLLEDQMRR	1
MCM3_HUMAN (P25205) DNA replication licensing factor MCM3 (DNA polymerase alpha holoenzyme-associated protein P1) (RLF subunit beta) (P102 protein) (P1-MCM3) [MASS=90980]	*	4.08	*	*	*	2	2 2	EKMVSAAFMKK MSDM[147]DRTAIHEVMEQGRVTIAK	1 1
MCM5_HUMAN (P33992) DNA replication licensing factor MCM5 (CDC46 homolog) (P1- CDC46) [MASS=82285]	*	0.68	*	*	*	1	1	YIIMR	1
MCM7_HUMAN (P33993) DNA replication licensing factor MCM7 (CDC47 homolog) (P1.1- MCM3) [MASS=81307]	*	1.53	*	*	*	1	3	GSRFIKFQEMK	1
MCPT1_HUMAN (P23946) Chymase precursor (EC 3.4.21.39) (Mast cell protease I) [MASS=27325]	0.20	24.70	2.79	0.04	2	4	3 2 2	LRLM[147]DPQAC[330]SHFR GDSGGPLLC[339]AGVAQGIVSYGR M[147]LLLPLLLLFLLC[339]SR	1 1 3
MCR_HUMAN (P08235) Mineralocorticoid receptor (MR) [MASS=107067]	0.00	2.13	0.23	0.00	1	1	2	LMDPQAC[330]SHFR LLDSM[147]HDLVSDLLEFC[330]FYTFR	1 1
MDC1_HUMAN (Q14676) Mediator of DNA damage checkpoint protein 1 (Nuclear factor with BRCT domains 1) [MASS=226665]	*	2.44	*	*	*	2	3 2	RGAGNGVVPAGVILER TPEPVVPTAPELQPSTSTDQPVTSEPTSQVTRGRK	1 1
MDGA1_HUMAN (Q8NFP4) MAM domain- containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	*	1.78	*	*	*	1	2	M[147]EVTC[330]LLLLALIPFHC[339]R	1
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.65	2.10	0.53	0.00	1	1	2	AIC[330]DHVR	1

								3	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
								1	GYLGPEQLPDC[339]LK	1
								2	EGVVEC[339]SFVK	1
								2	TIIP LISQC[339]TPK	2
								2	SQETEC[339]TYFSTPLLLGK	1
								2	GYLGPEQLPDC[339]LK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	26.92	1.62	0.05	15	6		2	GYLGPEQLPDC[330]LK	1
								2	GC[330]DVVVIPAGVPR	2
								2	GC[339]DVVVIPAGVPR	4
								1	GELDQR	1
								3	C[339]VVSIRDILSWVNF MNKM[147]GEEAALK	1
								3	SHDTLVRWYTANC[339]LALVTC[330]MNEEHK	1
								2	KM[147]C[330]LTFM[147]KESPLPR	1
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	*	2.13	*	*	*	7		2	WYTANC[330]LALVTC[330]MNEEHK	1
								2	SFPLSSPISK	4
								3	DGQILVYC[339]LNRMSMKTSSWTR	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	*	2.19	*	*	*	2		3	GQTLALVGSSGC[339]GK	1
								2	VKEHGTHQQLLAQK	1
								3	QPKTFTVRIVTMDAEM[147]EFNC[330]EMK	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	*	15.29	*	*	*	5		3	LLAQKAAEAEQEMQR	1
								2	MAGAIASRMSFSSLKR	1
								2	LLQMKEEATM[147]ANEALMR	1
								3	QPKTFTVRIVTMDAEMEFNC[330]EM[147]K	1
								2	TFTVRIVTMDAEMEFNC[330]EM[147]K	1
MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	0.00	5.28	0.46	0.00	1	2		2	HM[147]AEVNASPLK	1
								2	C[330]STAITNSLQTM[147]QQDM[147]IDGLKPLLPSVSR	1

MFRN1_HUMAN (Q9NYZ2) Mitoferrin-1 (Mitochondrial iron transporter 1) (Solute carrier family 25 member 37) (Mitochondrial solute carrier protein) [MASS=37828]	0.00	6.92	1.50	0.00	1	1	2	GVNVM[147]IMGAGPAHAM[147]YFAC[339]YENMK	1
							3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	2
							3	VEYPIM[147]YSTDPENGHIFNC[339]IQR	2
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.56	0.04	11	2	2	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	2
							2	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	3
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	*	4.53	*	*	*	1	2	SSTFWLRASFGATVFAVLGFAM[147]YKALLK	1
MK03_HUMAN (P27361) Mitogen-activated protein kinase 3 (EC 2.7.11.24) (Extracellular signal-regulated kinase 1) (ERK-1) (Insulin-stimulated MAP2 kinase) (MAP kinase 1) (MAPK 1) (p44-ERK1) (ERT2) (p44-MAPK) (Microtubule-associated protein 2 kinase) [MASS=43135]	0.81	14.25	0.49	0.00	1	2	3	ASTLEAMRDVYIVQDLMETDLYKLLK	1
							3	HYLDQLNHILGILGSPSQEDLNC[330]IINMK	1
MKKS_HUMAN (Q9NPJ1) McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin (Bardet-Biedl syndrome 6 protein) [MASS=62341]	0.00	10.70	1.37	0.00	1	2	3	IGVTLM[147]EPLTKMTGTQPIGSLGSIC[330]PNSYGSVK	1
							3	QLISDHVDLVLC[330]QKVIHPSLKQFLNMHR	1
MKLN1_HUMAN (Q9UL63) Muskelein [MASS=84767]	*	4.76	*	*	*	2	2	VFGGMNEENM[147]TELLSSGLKNDYNK	1
							3	LC[330]RPSKDYLRL	2

MMAB_HUMAN (Q96EY8) Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial precursor (EC 2.5.1.17) (Cob(I)alamin adenosyltransferase) (Methylmalonic aciduria type B protein) [MASS=27388]	*	16.00	*	*	*	2	3 2	AGPILELEQWIDKYTSQLPPLTAFILPSGGK PQPSSKTPR	1 1
MMP17_HUMAN (Q9ULZ9) Matrix metalloproteinase-17 precursor (EC 3.4.24.-) (MMP-17) (Membrane-type matrix metalloproteinase 4) (MT-MMP 4) (Membrane-type-4 matrix metalloproteinase) (MT4-MMP) [MASS=67006]	0.00	5.28	1.78	0.00	1	2	2 1	DWLVC[339]GDSQADGSVAAGVDAAEGPR QAPAPTK	1 1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	1.00	12.34	1.26	0.06	3	3	3 2 3	LLQDSGAPDGTLNIIHGQHEAVNFIC[330]DHPDIK AISFVGSNKAGEYIFERGSR LLQDSGAPDGTLNIIHGQHEAVNFIC[339]DHPDIK	1 1 3
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	*	17.41	*	*	*	2	2 2	RAFPWADTSVLRS NATGM[147]EVGWYRPPFSRVVHLYR ISPGKNATGMEVGWYRPPFSR	1 1
MORC2_HUMAN (Q9Y6X9) MORC family CW-type zinc finger 2 (Zinc finger CW-type coiled-coil domain protein 1) [MASS=110724]	*	3.92	*	*	*	2	2 3	PANTLVKTASR IEPDTTALSTNHETIDLLVQILRNC[339]LR	1 1
MORC3_HUMAN (Q14149) MORC family CW-type zinc finger 3 (Zinc finger CW-type coiled-coil domain protein 3) [MASS=107112]	*	5.54	*	*	*	3	3 2 2	ESVPRRHLSEGTNSYATR RQC[330]HM[147]FTDQIKVLQQR ANNM[147]GVGVVGIIEC[330]NFLK	1 1 1
MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	*	13.23	*	*	*	6	2 2 3 2 2 3	VTTQMIAKSLANVEYDTYK KAVESWNPVPYSVASAAIPAAAIGEK RC[330]SVPEEQELTDEDLC[330]LSK VQHELVIYSTQEAEGLYWSKK YLQSNSSSHTR SC[330]LTFTDDGDC[339]GM[147]TPHKLHRM[147]LSFGFTDK	1 1 1 1 1 1
MPIP1_HUMAN (P30304) M-phase inducer phosphatase 1 (EC 3.1.3.48) (Dual specificity phosphatase Cdc25A) [MASS=59086]	*	5.92	*	*	*	2	2 3	IHSLPQKLLGC[330]SPALK SM[147]SGASPKESTNPEK	1 1

MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD [MASS=274274])	*	3.41	*	*	*	7	3	DGSPC[339]PSKSGLSYK	1
							3	TWNLGLSNAKLSYYDGMQLNYR	1
							2	YASAC[330]QMK	1
							2	LTYENGLLK	1
							2	GTQRPVFLK	2
MRCKG_HUMAN (Q6DT37) Serine/threonine-protein kinase MRCK gamma (EC 2.7.11.1) (CDC42-binding protein kinase gamma) (Myotonic dystrophy kinase-related CDC42-binding kinase gamma) (Myotonic dystrophy protein kinase-like alpha) (MRCK gamma) (DMPK-like gamma [MASS=172517])	*	5.80	*	*	*	5	2	NLGKFISSPM[147]KEK	1
							1	GKSSSAQQK	2
							3	LALGTEEGLFVIHLRSNDIFQVGEC[339]R	1
							2	LGRGGLDDFR	1
							2	NVGTQTLPAR	1
MRIP_HUMAN (Q6WCQ1) Myosin phosphatase Rho-interacting protein (Rho-interacting protein 3) (M-RIP) (RIP3) (p116Rip) [MASS=116445]	0.00	6.84	1.04	0.00	1	3	3	RVQQLTLSPSAGLLVVLQ[339]GRGPSVR	1
							2	QSQUALQELAMLREELRAR	1
							3	QC[339]QRENQELNAHNQELNNR	1
							3	EIVSGWLEMLM[147]VYPRTNKQNQK	1
							2	YALDEM[147]PTTLPQGTINM[147]NQC[339]TDVVDGEGR	1
MSH2_HUMAN (P43246) DNA mismatch repair protein Msh2 (MutS protein homolog 2) [MASS=104742]	0.00	5.14	*	*	*	2	2	MAVQPKETLQLESAAEVGFVR	1
							3	KGEQMNSAVLPEM[147]ENQVAVSSLSAVIK	1
							1	HHVNGNR	1
							2	RAC[330]QLLLLHSLFPVPR	1
							2	VWDPNSPLTDR	1
MSRA_HUMAN (Q9UJ68) Peptide methionine sulfoxide reductase (EC 1.8.4.6) (Protein-methionine-S-oxide reductase) (PMSR) (Peptide Met(O) reductase) [MASS=26132]	0.00	9.79	0.58	0.00	1	2	2	C[330]M[147]VQFVGR	1
							2	KVVKETSYEM[147]MM[147]QC[339]VSR	1
							1	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	0.48	6.43	0.90	0.00	1	2	2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
MTCH1_HUMAN (Q9NZJ7) Mitochondrial carrier homolog 1 (Presenilin-associated protein) [MASS=41544]	0.96	6.93	1.28	0.00	1	1	2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.96	6.93	1.28	0.00	1	1	2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1

MTMR3_HUMAN (Q13615) Myotubularin-related protein 3 (EC 3.1.3.48) (FYVE domain-containing dual specificity protein phosphatase 1) (FYVE-DSP1) (Zinc finger FYVE domain-containing protein 10) [MASS=133618]	0.00	4.01	12.62	0.04	2	3	3	VGYGTSQSC[339]SLLPSQVPFETR	1
							2	LVQHTYSC[339]LFGTFLC[339]NNAK	1
							2	SC[339]LVNSGK	1
MTX2_HUMAN (O75431) Metaxin-2 [MASS=29763]	*	12.93	*	*	*	2	2	MKAIGWGK	1
							3	AIGWGKKTLDQVLEDVDQC[330]C[330]QALSQR	1
MUTYH_HUMAN (Q9UIF7) A/G-specific adenine DNA glycosylase (EC 3.2.2.-) (MutY homolog) (hMYH) [MASS=60069]	0.00	9.16	1.04	0.00	1	3	3	DVAEVTAFRGSLLSWYDQEK	1
							2	KVFRVYQGQPGTC[339]MGSK	1
							2	KQAASQEGRQK	1
							3	DGLPAHIGSM[147]AQRAYWALLNQRR	1
							3	AAAAFAQLQGAMEM[147]LGISESEQR	1
							3	TPC[330]GSQASTEILAPKAEK	1
							2	SSIHFEETEEANRSFLSGIKTILK	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIb) [MASS=285183]	0.00	7.79	0.35	0.00	1	10	2	TQFSSC[330]ESLLESRPDMGR	1
							2	FSM[147]VM[147]SLDFNATGR	1
							3	C[330]HHLTC[339]DLEDTC[339]VLLENQQSRNHELEK	1
							2	GDVAC[330]QVLESERAER	1
							2	TELNLHQMDSSSFSGMGVWSKPEDK	1
							2	SLFQARAKLPPVC[339]R	1
MYBB_HUMAN (P10244) Myb-related protein B (B-Myb) [MASS=78764]	*	2.57	*	*	*	1	2	TVAC[330]GGTRDQLFMQEKAR	1
							3	SPVRC[339]IATTR	7
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	*	2.15	*	*	*	6	2	LISAHSSLSK	3
							3	EM[147]IPLDLLAVPVPGVNIEEHLQLR	1
							2	ALMRLEYEGLHK	1
							2	SNNGTDVNAGQIPQLLYR	1
							2	PAM[147]IGSLTDGSTETFWESGDEDKNK	1

MYH10_HUMAN (P35580) Myosin-10 (Myosin heavy chain, nonmuscle IIb) (Nonmuscle myosin heavy chain IIb) (NMMHC II-b) (NMMHC-IIb) (Cellular myosin heavy chain, type B) (Nonmuscle myosin heavy chain-B) (NMMHC-B) [MASS=228937]	*	2.83	*	*	*	4	2	GDEVMVELAENGKK	2
							1	DRAEAEAR	1
							2	YLFVDRAVIYNPATQADWTAK	1
							2	LEEKALAYDKLEK	1
MYL4_HUMAN (P12829) Myosin light polypeptide 4 (Myosin light chain 1, embryonic muscle/atrial isoform) (Myosin light chain alkali, GT-1 isoform) [MASS=21433]	*	9.18	*	*	*	1	3	MLDFETFLPILQHISRNK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	*	1.85	*	*	*	1	3	QIC[330]DGILFM[147]HK	1
MYO15_HUMAN (Q9UKN7) Myosin-15 (Myosin XV) (Unconventional myosin-15) [MASS=395172]	*	2.41	*	*	*	3	3	GGPKVVFVGNWDSEDMSTRPQPQEHM[147]PK	1
							3	PDPHEEALMILKGQMTHLAAAPGTQVSREAVLVK	1
							2	AHTVAAKFQQSLLDLVEKMER	1
MYO1C_HUMAN (O00159) Myosin Ic (Myosin I beta) (MMI-beta) (MMIb) [MASS=118038]	*	1.95	*	*	*	1	2	LEDTVKHHPHFLTHKLADQR	1
							3	FGKYIDIHFNR	2
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	0.00	4.11	0.74	0.00	1	5	2	NYHVFYC[339]MLEGMSSEDQKK	1
							2	QRGDFPTDC[339]VYVM[147]PTVTM[147]PPR	1
							3	PLKQPLLYHDDEGDQLAALAVWITILR	1
							3	EEAKLAFLKLIFK	1
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	*	3.21	*	*	*	2	2	SPRYAVFDLM[147]EGKSYVFR	1
							3	DGSLIC[339]QAAEPGKYRIESNYGVHTLEINR	1
MYPC2_HUMAN (Q14324) Myosin-binding protein C, fast-type (Fast MyBP-C) (C-protein, skeletal muscle fast-isoform) [MASS=128142]	0.00	5.25	0.60	0.00	1	3	2	VYTENIC[339]GLSDSPGVSKNTARILK	1
							1	EDSFK	1
							3	ITSVGEDWAILVWEPPMYDGGKPVGTGYLVER	1
MYPC3_HUMAN (Q14896) Myosin-binding protein C, cardiac-type (Cardiac MyBP-C) (C-protein, cardiac muscle isoform) [MASS=140761]	0.00	5.02	0.72	0.00	1	2	3	HHLIINEAMLEDAGHYALC[330]TSGGQALAEIVQEK	1
							3	PLEDQLVMVGQRVEFEC[330]EVSEEGAQVKWLK	1

							2	VC[339]GSNLLSIC[339]K	2
							2	VC[330]GSNLLSIC[330]K	3
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	22.10	1.35	0.08	13	5	2	TTIC[330]GK	1
							2	VC[339]HC[339]LGK	2
							2	TSASIGSLC[330]ADAR	2
							2	M[147]YGVLPWNAFPKGVC[330]GSNLLSIC[339]K	1
							2	VC[330]HC[330]LGK	1
							2	TSASIGSLC[339]ADAR	3
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	0.00	4.19	0.72	0.00	1	5	3	GM[147]WIC[330]QIC[330]RPR	1
							2	LSSQDVLRC[330]QSSSK	1
							3	YEIHTWYSSYPQEYSRLPK	1
							2	YTNPIGRPK	1
							3	PEELISC[339]ADC[330]GNSGHPSC[339]LKFSPELTVRVK	1
MZF1_HUMAN (P28698) Myeloid zinc finger 1 (MZF-1) (Zinc finger protein 42) (Zinc finger and SCAN domain-containing protein 6) [MASS=82036]	0.00	5.18	0.23	0.00	1	2	2	RIHTGERPYAC[330]PEC[330]GK	1
							2	LRFC[339]FHYEEATGPQEALQLR	1
N2DL4_HUMAN (Q8TD07) NKG2D ligand 4 precursor (NKG2D ligand 4) (NKG2DL4) (N2DL-4) (Retinoic acid early transcript 1E) (Lymphocyte effector toxicity activation ligand) (RAE-1-like transcript 4) (RL-4) [MASS=30122]	*	15.59	*	*	*	2	2	PQIKTSDPSTLQVEMFC[330]QREAER	1
							2	SLSRPGQPWC[339]EAQVFLNK	1
N4BP3_HUMAN (O15049) NEDD4-binding protein 3 (N4BP3) [MASS=60441]	0.00	4.60	0.70	0.00	1	1	3	APGTLPEADPSARPEEEARWEVC[330]QK	1
NAB1_HUMAN (Q13506) NGFI-A-binding protein 1 (EGR-1-binding protein 1) (Transcriptional regulatory protein p54) [MASS=54401]	*	8.42	*	*	*	2	2	C[330]AATTC[330]VQSLGQGKSDVVGSLALQSVGESR	1
							3	SDLNEVKELLK	1
NAC2_HUMAN (Q9UPR5) Sodium/calcium exchanger 2 precursor (Na(+)/Ca(2+)-exchange protein 2) [MASS=100367]	*	1.09	*	*	*	1	2	LM[147]TGAGNVLR	1

NAL12_HUMAN (P59046) NACHT, LRR and PYD-containing protein 12 (PYRIN-containing APAF1-like protein 7) (Monarch-1) (Regulated by nitric oxide) [MASS=120172]	*	1.23	*	*	*	1	2	LRVLWLFGMDLNK	1
NALP2_HUMAN (Q9NX02) NACHT, LRR and PYD-containing protein 2 (PYRIN domain and NACHT domain-containing protein 1) (PYRIN-containing APAF1-like protein 2) (Nucleotide-binding site protein 1) [MASS=120515]	*	1.60	*	*	*	1	3	GEDPVPTC[330]LTRTGLFLR	1
NALP5_HUMAN (P59047) NACHT, LRR and PYD-containing protein 5 (Mater protein homolog) [MASS=134235]	*	2.83	*	*	*	2	2	NAQITPGVQHLWRIVM[147]ANRNLR	1
							2	SEVVSPRYLLVR	1
NBN_HUMAN (O60934) Nibrin (Nijmegen breakage syndrome protein 1) (Cell cycle regulatory protein p95) [MASS=84958]	0.58	7.03	0.63	0.00	1	4	2	TSSNNNSM[147]VSNTLAKMR	1
							2	DEENQEMSSC[330]K	1
							2	IPNYQLSPTKLPSINKSK	1
							1	KQIFKGK	1
							2	FFLC[330]QVAGDAK	1
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	8.49	0.47	0.21	7	4	3	GPVEAKPEC[339]QETETKPAPAEVK	1
							2	KVDKNDEAEYIC[330]IAENK	2
							3	C[339]VVTGEDGSESEATVNVKIFQK	1
							3	GPVEAKPEC[330]QETETKPAPAEVK	3
							2	DSTGSLPGSGSTHGTSLKEKHK	1
NCOA2_HUMAN (Q15596) Nuclear receptor coactivator 2 (NCoA-2) (Transcriptional intermediary factor 2) [MASS=159156]	0.39	5.94	0.93	0.00	1	5	3	ILHRLLQDSSSPVDLAK	1
							3	ETNDPNLPPAVSSER	1
							2	EEGEDLQSC[330]LIC[330]VAR	1
							2	QRQMHQQQVQQR TLM[147]MR	1
NCOA3_HUMAN (Q9Y6Q9) Nuclear receptor coactivator 3 (EC 2.3.1.48) (NCoA-3) (Thyroid hormone receptor activator molecule 1) (TRAM-1) (ACTR) (Receptor-associated coactivator 3) (RAC-3) (Amplified in breast cancer-1 protein) (AIB-1) (Steroid receptor coacti [MASS=155292]	0.00	5.83	0.91	0.00	1	4	3	SNSIPGARPV LQQQQQM[147]LQM[147]R	1
							2	AM[147]M[147]EEGEDLQSC[330]MIC[330]VARR	1
							2	EQGKTISNDDDVQKADV SSTGQGVIDK	1
							2	LPC[330]DTPGQGLTC[330]SGEK	1

NCOA6_HUMAN (Q14686) Nuclear receptor coactivator 6 (Amplified in breast cancer protein 3) (Cancer-amplified transcriptional coactivator ASC-2) (Activating signal cointegrator 2) (ASC-2) (Peroxisome proliferator-activated receptor-interacting protein) (P [MASS=219117])	0.00	0.73	*	*	*	1	3	M[147]EAGFPM[147]ASGPGLIR	1
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	*	2.66	*	*	*	3	2	GIIDLTM[147]PPTILVPHPGGTSTPPM[147]DR	1
							3	STLHEAPKAQLSPGIYDDTSAR	1
							1	RVKFINM[147]NGLMEDPM[147]K	1
							3	C[339]PVM[147]LVVGDQAPHEDAVVEC[339]NSK	2
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	11.86	0.64	0.25	4	2	2	SC[330]FQPLFQFEDM[147]QEIIQNFVR	1
							3	C[330]PVM[147]LVVGDQAPHEDAVVEC[330]NSK	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	6.12	1.88	0.02	5	1	2	IHLC[339]QR	3
							2	IHLC[330]QR	2
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	13.91	1.31	0.02	2	1	2	TTGLVGLAVC[339]NTPHER	1
							2	TTGLVGLAVC[330]NTPHER	1
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	*	13.39	*	*	*	1	2	NWASGHDLQGKLQLR	1
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	24.56	1.82	0.05	5	3	2	AAAHYGAQC[330]DKPNK	1
							3	AAAHYGAQC[339]DKPNK	1
							2	AAAHYGAQC[339]DKPNK	1
							2	C[339]LEEGK	1
							3	AAAHYGAQC[339]DKPNKEFM[147]LC[339]R	1

NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	9.01	1.12	0.10	4	1	3	HFPEAGIHYPDSTTGDGKPLATDYNGNC[330]SLEK	1
							3	HFPEAGIHYPDSTTGDGKPLATDYNGNC[339]SLEK	3
NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]	0.99	16.43	1.18	0.00	1	1	3	EKPDDPLNYFLGGC[339]AGGLTLGAR	1
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	13.97	1.56	0.05	7	2	2	DYC[330]AHLIR	3
							3	DYC[339]AHLIR	1
							2	DYC[339]AHLIR	2
							2	DSFPNFLAC[330]K	1
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.99	6.43	1.85	0.00	1	1	2	EGQNYQQNC[339]JK	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	*	2.50	*	*	*	2	1	PRASGLLK	1
							2	PSVRSILRQPIK	1
NEK7_HUMAN (Q8TDX7) Serine/threonine-protein kinase Nek7 (EC 2.7.11.1) (NimA-related protein kinase 7) [MASS=34551]	0.00	2.65	3.22	0.00	1	1	2	M[147]HAC[339]TASS	1
							3	DAPTIQQSSPGSSLR	8
NEUR3_HUMAN (Q9UQ49) Sialidase-3 (EC 3.2.1.18) (Membrane sialidase) (Ganglioside sialidase) (N-acetyl-alpha-neuraminidase 3) [MASS=48252]	*	3.50	*	*	*	1			

NFAC1_HUMAN (O95644) Nuclear factor of activated T-cells, cytoplasmic 1 (NFAT transcription complex cytosolic component) (NF-ATc1) (NF-ATc) [MASS=101242]	*	3.18	*	*	*	1	3	VEPVGEDLGSPPPADFAPEYSSFQHIRK	1
NFAC3_HUMAN (Q12968) Nuclear factor of activated T-cells, cytoplasmic 3 (NF-ATc3) (NFATc3) (T cell transcription factor NFAT4) (NF-AT4) (NFATx) [MASS=115593]	0.00	5.02	0.72	0.00	1	2	3	TSSLPPLDWPLPAHFGQC[330]ELKIEVQPKTHHR	1
							2	VLEIPLLPENNM[147]SASIDC[339]AGILK	1
NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	*	1.93	*	*	*	2	3	QIVENFSPNQTK	1
							3	GNPAPSFHWTRNSR	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NFI-B) (NF-I/B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	0.22	3.33	4.27	0.00	1	1	2	HPC[339]C[339]VLSNPDQKGK	1
							3	SYTLDSLGNPSAYR	22
NFM_HUMAN (P07197) Neurofilament triplet M protein (160 kDa neurofilament protein) (Neurofilament medium polypeptide) (NF-M) (Neurofilament 3) [MASS=102316]	*	1.53	*	*	*	1			
NGL1_HUMAN (Q9HCJ2) Netrin-G1 ligand precursor (NGL-1) (Leucine-rich repeat-containing protein 4C) [MASS=71949]	0.00	4.38	3.89	0.00	1	2	3	LSYISEGAFEGLSNLR	1
							2	DMAPSNTAC[339]C[339]AR	1

NGN2_HUMAN (Q9H2A3) Neurogenin 2 [MASS=28621]	0.00	5.15	0.53	0.00	1	1	2	GGVAAGAEGC[330]RPAR	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	0.99	11.43	3.75	0.00	1	1	2	IEYDDFVEC[339]LLR	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.94	4.93	1.63	0.01	2	1	2	FSGGYPALM[147]DC[339]M[147]NK	2
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	5.59	1.49	0.03	3	1	2	LQFHNVKPEC[339]LEAYNK	2
							3	LQFHNVKPEC[339]LEAYNK	1
							2	PTTKSSTNTSLPDDNGAWKSSK	1
							1	SYNRRSR	1
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	0.00	5.27	0.90	0.00	1	5	1	VLTTVPEMK	1
							2	EPVGRIMFQLFSDIC[330]PK	2
							3	TDAASRPYADVVRVIDC[330]GVLATK	1
NKX22_HUMAN (O95096) Homeobox protein Nkx-2.2 (Homeobox protein NK-2 homolog B) [MASS=30132]	*	4.03	*	*	*	1	1	ETPGGGGDAGK	2
							2	KTC[339]DALQAK	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	6.17	0.98	0.16	5	4	2	EANSIIITPGYGLC[339]AAK	1
							3	PNTAM[147]LLGDAKKTC[339]DALQAK	1
							2	EANSIIITPGYGLC[330]AAK	2
							2	KTC[330]DALQAK	1
							2	LFAQQC[339]KEVDILISTALIPGK	1
NOL11_HUMAN (Q9H8H0) Nucleolar protein 11 [MASS=81123]	0.00	4.59	0.67	0.00	1	1	3	HSQDPGTHVVS HFVNWETPQGC[330]GLGFQNSEQSR	1
							3	EEGTPWNEDC[330]GK	3
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	0.00	6.60	0.11	0.00	1	4	2	GRQC[330]IRPAEIVASLLEGEENTC[339]GK	1
							2	EENLQRTTQPSINESSDPFVVRDDFK	1
							2	LM[147]DLQSHFGTDDR	1
NOTC3_HUMAN (Q9UM47) Neurogenic locus notch homolog protein 3 precursor (Notch 3) [Contains: Notch 3 extracellular truncation; Notch 3 intracellular domain] [MASS=243659]	*	1.08	*	*	*	1	2	LAVEGMVEELIASHADVNAVDELGK	1

NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]

* 0.55 * * * 1

NPFF2_HUMAN (Q9Y5X5) Neuropeptide FF receptor 2 (Neuropeptide G-protein coupled receptor) (G-protein coupled receptor 74) (G-protein coupled receptor HLWAR77) [MASS=60270]

* 3.26 * * * 1

3 TSPVYWC[330]REDWPNQEMR

1

NPTN_HUMAN (Q9Y639) Neuropilin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]

1.00 11.70 0.63 0.19 6 2

2 SENKNEGQDATM[147]YC[339]K
2 AEDSGEYHC[339]VYHFVSAPK
2 AEDSGEYHC[330]VYHFVSAPK

1
1
4

NR1H4_HUMAN (Q96RI1) Bile acid receptor (Farnesoid X-activated receptor) (Farnesol receptor HRR-1) (Retinoid X receptor-interacting protein 14) (RXR-interacting protein 14) [MASS=55914]

0.00 9.88 1.34 0.00 1 2

3 C[339]KEMGMLAEC[330]MYTGLLTEIQC[339]KSK
3 LC[330]KIHQPENPQHAC[330]LLGRLTELR
3 C[330]KEMGMLAEC[339]MYTGLLTEIQC[339]KSK

1
1
1

NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]

* 7.18 * * * 4

3 VALVKVLDKWPLR
2 MRQVC[330]C[339]SALPPPPLEK
2 VLTITGIC[339]VALLVVGIVC[339]VVAYC[330]K
1 PQQQPQPR

1
1
1
1

NRIP1_HUMAN (P48552) Nuclear receptor-interacting protein 1 (Nuclear factor RIP140) (Receptor-interacting protein 140) [MASS=126941]

* 6.99 * * * 4

3 TSVIESPSTNRTTPVSTPPLLTSSK
3 EALLAGMVDSPKGGK
2 SAPFLGMAPAVQRSAPALPVSEDFK
1 QSLKEQGYALSHDSLK

1
1
1
1

NRP2_HUMAN (O60462) Neuropilin-2 precursor (Vascular endothelial cell growth factor 165 receptor 2) [MASS=104830]	*	3.01	*	*	*	1	2	FLTMLTAIATQGAISRETQNGYYVKSYSK	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	2.96	0.86	0.14	4	2	2	GILLYGPPGC[330]GK	1
							2	GILLYGPPGC[339]GK	3
							2	LLIIGTTSRK	1
NSG1_HUMAN (P42857) Neuron-specific protein family member 1 (Brain neuron cytoplasmic protein 1) (D4S234) [MASS=20913]	0.00	25.95	0.35	0.00	1	2	2	SVSPWM[147]SVLSEEKLSEQETEEAAEKSA	1
							2	VSVLVLFALAF LTC[330]VVFLVVYK	1
NTRK2_HUMAN (Q16620) BDNF/NT-3 growth factors receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 2) (TrkB tyrosine kinase) (GP145-TrkB) (Trk-B) [MASS=91998]	*	13.02	*	*	*	4	3	EHLSVYAVVVIASVVGFC[339]LLVM[147]LFLLKLAR	1
							3	HLDLSELILVGNPFTC[339]SC[330]DIM[147]WIKTLQEAK	1
							3	IPVIENPQYFGITNSQLKPDTFVQHIKR	1
							2	NC[330]LVGENLLVKIGDFGMSR	1
NU205_HUMAN (Q92621) Nuclear pore complex protein Nup205 (Nucleoporin Nup205) (205 kDa nucleoporin) [MASS=227919]	0.00	3.23	0.51	0.00	1	4	2	MIHMSMQM[147]GNEPPISLR	1
							2	RVHNLITDFLALM[147]PM[147]K	1
							2	LQNVEQLPPDEIK	1
							2	ENIAIIESYGAALM[147]EVVC[330]R	1
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.99	13.04	1.26	0.00	1	1	2	STPYEC[339]GFDPM[147]SPAR	1

NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	12.24	1.23	0.14	16	6	2	C[330]IQC[330]TR	1
							2	DC[339]FIYQGHGHDVGAPIADVILPGAAYTEK	2
							2	VLFLLGADGGC[339]ITR	1
							2	M[147]C[339]LVEIEKAPKVVAAC[330]AMPVM[147]K	1
							3	DC[339]FIYQGHGHDVGAPIADVILPGAAYTEK	5
							2	FC[339]YHER	2
							2	VVAAC[339]AM[147]PVM[147]K	3
							2	VVAAC[330]AM[147]PVM[147]K	2
							2	FC[330]YHER	1
							2	HESC[339]GQC[339]TPC[339]R	3
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	33.62	1.54	0.05	14	9	2	GAGAYIC[339]GEETALIESIEGK	1
							2	NAC[339]GSGYDFDVFVVR	2
							2	YLVVNADEGEPTGC[339]K	1
							3	HESC[339]GQC[339]TPC[339]R	1
							3	LFNISGHVNHPC[339]TVEEEM[147]SVPLK	1
							3	LIEFYKHESC[339]GQC[339]TPC[339]R	3
							2	EAYEAGLIGK	1
							3	LFNISGHVNHPC[339]TVEEEM[147]SVPLKELIEK	2
							2	NAC[330]GSGYDFDVFVVR	1
							2	YLVVNADEGEPTGC[339]KDR	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.97	1.73	1.06	0.00	1	1	2	IIAQC[339]LNK	1

NUD15_HUMAN (Q9NV35) Probable 7,8-dihydro-8-oxoguanine triphosphatase NUDT15 (EC 3.1.6.-) (8-oxo-dGTPase NUDT15) (Nucleoside diphosphate-linked moiety X motif 15) (Nudix motif 15) [MASS=18609]	*	7.93	*	*	*	1	2	PGVGVGVVVTSC[339]K	1
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	5.62	1.53	0.05	4	1	2	YHIQVC[339]TTTPC[339]M[147]LR	3
							3	YHIQVC[339]TTTPC[339]M[147]LR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	0.00	2.38	2.73	0.00	1	1	2	C[339]IAC[339]K	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	0.95	26.76	1.25	0.00	1	2	3	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	1
							3	RSSLWPMTFGLAC[339]C[339]AVEMMHM[147]AAPRYDM[147]DR	1
							2	VIAC[339]DGGGGALGHPK	6
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	12.10	1.31	0.04	15	1	3	VIAC[339]DGGGGALGHPK	3
							2	VIAC[330]DGGGGALGHPK	4
							3	VIAC[330]DGGGGALGHPK	2
O11G2_HUMAN (Q8NGC1) Olfactory receptor 11G2 [MASS=34933]	0.00	5.79	2.43	0.00	1	1	2	IIDHFLC[339]DPAPLLTLTC[339]K	1
O2T35_HUMAN (Q8NGX2) Olfactory receptor 2T35 (Olfactory receptor OR1-66) [MASS=36101]	0.00	16.10	0.59	0.00	1	2	3	VC[339]LFM[147]VVGSWVGSLDGFM[147]LTPVTMSFPFC[339]R	1
							3	VVSAFYTILTPM[147]LNPLIYSLR	1

O51V1_HUMAN (Q9H2C8) Olfactory receptor 51V1 (Odorant receptor HOR3'beta1) (Olfactory receptor OR11-36) [MASS=36882]	*	9.35	*	*	*	1	3	FNSYYALM[147]LVIC[339]ILLLDAILILFSYILILK	1
ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781])	0.60	4.89	1.45	0.00	1	1	3	NFSAIINPPQAC[330]ILAIGASEDKLVPADNEK	1
ODPAT_HUMAN (P29803) Pyruvate dehydrogenase E1 component alpha subunit, testis-specific form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type II) [MASS=42933]	*	3.61	*	*	*	1	2	YHGHSM[147]SDPGVSYR	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	21.28	1.54	0.04	6	5	3	GGSM[147]HM[147]YAKNFYGGNGIVGAQVPLGAGIALAC[330]KYNGK	1
							2	KC[339]DLHR	1
							2	C[339]DLHR	2
							2	NFYGGNGIVGAQVPLGAGIALAC[339]K	1
							2	C[330]DLHR	1
							2	LPC[339]IFIC[339]ENNR	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	*	7.52	*	*	*	1	3	EGVEC[339]EVINM[147]RTIRPMDMETIEASVMK	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	*	5.59	*	*	*	1	2	PVIPPVSTPGQPNVGTFTFTEIPASNIRR	1

OGT1_HUMAN (O15294) UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit (EC 2.4.1.-) (O-GlcNAc transferase p110 subunit) [MASS=116924]	0.00	6.98	0.31	0.00	1	4	2	QYTMELERLYLQM[147]WEHYAAGNK	1
							2	IHQDGIHILVNM[147]NGYTKGARNELFALR	1
							2	LC[330]PTHADSLNNLANIKR	1
							2	KAVIDFK	1
OMD_HUMAN (Q99983) Osteomodulin precursor (Osteoadherin) (OSAD) (Keratan sulfate proteoglycan osteomodulin) (KSPG osteomodulin) [MASS=49492]	*	5.94	*	*	*	1	3	LKEPISSYIFFC[330]FPHIHTIYYGEQR	1
							3	TQEQC[330]VHNETKNELEK	1
							2	TQEQC[339]VHNETKNELEK	2
							2	TALNHC[339]NLC[339]R	3
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	9.58	1.31	0.03	10	5	3	TQEQC[339]VHNETKNELEK	1
							3	VVVVGDSAGKTSVLEMIAQARIFPR	1
							3	VVVVGDSAGKTSVLEMIAQAR	1
							3	C[339]NEEHPAYLASDEITTVR	1
							2	C[339]NEEHPAYLASDEITTVR	1
							2	TALNHC[330]NLC[330]R	1
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	*	7.54	*	*	*	1	3	GRMSTLTFFNVSEKDYGNITC[339]VATNK	1
OPHN1_HUMAN (O60890) Oligophrenin 1 [MASS=91640]	*	4.99	*	*	*	2	2	RKTESIDK	1
							3	ENLM[147]TPSNMGVIFGPTLMRAQEDTVAAM[147]M[147]NIK	1
OPSB_HUMAN (P03999) Blue-sensitive opsin (BOP) (Blue cone photoreceptor pigment) [MASS=39135]	0.00	7.76	1.12	0.00	1	1	3	M[147]VVVM[147]VGSFC[339]VC[339]YVPYAAFAMYMVNNR	1
P5CS_HUMAN (P54886) Delta 1-pyrroline-5-carboxylate synthetase (P5CS) (Aldehyde dehydrogenase 18 family member A1) [Includes: Glutamate 5-kinase (EC 2.7.2.11) (Gamma-glutamyl kinase) (GK); Gamma-glutamyl phosphate reductase (GPR) (EC 1.2.1.41) (Glutamate [MASS=87302]	*	2.26	*	*	*	1	2	EMMLVTSGAVAFGKQRLR	1

PACS1_HUMAN (Q6VY07) Phosphofurin acidic cluster sorting protein 1 (PACS-1) [MASS=104898]	0.00	3.63	1.98	0.00	1	2	2	RKLTSTSAITR	1
							2	VMQYVNGAATTHQLPVAEAMLTG[339]R	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	*	6.21	*	*	*	3	2	KFDELLHLASR	1
							2	KLQERPWLVDSEYSEWLQR	1
							3	SLLHMISNDIGQLAC[339]LHAR	2
PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy- associated plasma protein-A) (PAPP-A) (Insulin- like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]	*	3.50	*	*	*	4	3	TKKVTPPFPM[147]SC[330]DLQGDC[339]AC[339]R	1

PAPPA_HUMAN (Q13219) Pappalysin-1
precursor (EC 3.4.24.79) (Pregnancy-
associated plasma protein-A) (PAPP-A) (Insulin-
like growth factor-dependent IGF-binding
protein 4 protease) (IGF-dependent IGFBP-4
protease) (IGFBP-4ase) [MASS=181140]

*	3.50	*	*	*	4
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PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]	*	3.50	*	*	*	4	2 1	C[330]KVLMLGGSALNHNRY HPAFVKK	1 1
PAR1_HUMAN (P25116) Proteinase-activated receptor 1 precursor (PAR-1) (Thrombin receptor) (Coagulation factor II receptor) [MASS=47440]	0.00	2.35	0.28	0.00	1	1	2	C[330]LSSSAVANR	1
PAR4_HUMAN (Q96RI0) Proteinase-activated receptor 4 precursor (PAR-4) (Thrombin receptor-like 3) (Coagulation factor II receptor-like 3) [MASS=41163]	*	8.05	*	*	*	1	3	LALGLC[330]M[147]AAWLM[147]AAALALPLTLQRQTFLAR	1
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	0.00	8.47	0.96	0.00	1	1	2	VTVAGLAGKDPVQC[339]SR	1
PC11Y_HUMAN (Q9BZA8) Protocadherin-11 Y-linked precursor (Protocadherin-11) (Protocadherin-22) (Protocadherin on the Y chromosome) (PCDH-Y) (Protocadherin prostate cancer) (Protocadherin-PC) [MASS=146774]	*	1.57	*	*	*	1	2	NM[147]QNSEWATPNPENRQM[147]IMM[147]K	1
PCDA3_HUMAN (Q9Y5H8) Protocadherin alpha 3 precursor (PCDH-alpha3) [MASS=102428]	*	1.47	*	*	*	1	2	C[330]SAPPTGDC[339]GPGK	1
PCDA4_HUMAN (Q9UN74) Protocadherin alpha 4 precursor (PCDH-alpha4) [MASS=102293]	0.00	2.75	*	*	*	1	3	SAEC[330]SIHLEVIVDRPLQVFHVDVEVR	1
PCDA6_HUMAN (Q9UN73) Protocadherin alpha 6 precursor (PCDH-alpha6) [MASS=102715]	0.00	2.42	0.74	0.00	1	1	3	DREDLLEVNLQNGILFVNSRIDR	1
PCDAC_HUMAN (Q9UN75) Protocadherin alpha 12 precursor (PCDH-alpha12) [MASS=101651]	0.00	1.91	3.38	0.00	1	2	2 2	VC[339]SAESPPK C[339]SAPPTVSR	1 1
PCDGL_HUMAN (Q9Y5F7) Protocadherin gamma C4 precursor (PCDH-gamma-C4) [MASS=101213]	0.00	5.12	0.59	0.00	1	2	3 3	GAAC[339]GVTC[330]FPAGTC[339]AC[339]LTRSRR LTLYLAVSLVAIC[330]FVSFGSFVALLSK	1 1
PCF11_HUMAN (O94913) Pre-mRNA cleavage complex 2 protein Pcf11 (Pre-mRNA cleavage complex II protein Pcf11) (Fragment) [MASS=183979]	*	2.48	*	*	*	3	2 2 2	YDSVINRLYTGIQC[339]YSC[339]GMR SPSPLKNK FEGPLLQQGVGM[147]R	1 1 1

PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	*	4.88	*	*	*	10	3	AAAGPLPPISADTRDQFGSSSHSLPEVQQHM[147]REESR	1
							2	TTPPLKTDSAKPSQSFPTGEK	1
							2	PASQLPSGSPSVSSLPAPKPR	1
							3	GGSLGC[330]QTEADSDTQSPQYLSATSPPKDK	1
							3	VYKLPTAVSLYSPTDEQSIMQK	1
							2	VKETLSM[147]EKIPPMVTTDQK	1
							2	KQIIE[147]SADEDASGSEDEFIRNQLK	1
							2	FM[147]KKTLIGEAC[339]IWLDK	1
							3	FMGSSLGTGLTGLNTIRSALQDEADKPYSSGSR	1
							3	SGPYGYRGIGGMKPSMSDTNLAEAGHFFYK	1
PCOC2_HUMAN (Q9UKZ9) Procollagen C- endopeptidase enhancer 2 precursor (Procollagen COOH-terminal proteinase enhancer 2) (Procollagen C-proteinase enhancer 2) (PCPE-2) [MASS=45716]	0.00	6.99	6.62	0.00	1	1	2	LPTTTEQPVTTTFPVTTGLKPTVALC[339]QQK	1
PCSK5_HUMAN (Q92824) Proprotein convertase subtilisin/kexin type 5 precursor (EC 3.4.21.-) (Proprotein convertase PC5) (Subtilisin/kexin-like protease PC5) (PC6) (hPC6) [MASS=101775]	0.00	3.07	0.21	0.00	1	1	3	ASGC[330]SDNPNRHVNYLEHVVVRITITHPR	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	*	5.68	*	*	*	2	3	QVRSDPQALYFNDPIWSNMWYLHC[339]GDK	1
							3	EGDYC[330]SC[339]DGYTNSIYTISVSSATENGYK	1
PDCD7_HUMAN (Q8N8D1) Programmed cell death protein 7 (ES18) (HES18) [MASS=54700]	*	2.47	*	*	*	1	2	QWLEAVFGTPRR	1
PDE2A_HUMAN (O00408) cGMP-dependent 3',5'-cyclic phosphodiesterase (EC 3.1.4.17) (Cyclic GMP-stimulated phosphodiesterase) (CGS-PDE) (cGSPDE) [MASS=105716]	0.00	2.23	1.34	0.00	1	1	2	VLGEEVSFPLTGC[339]LGQVVEDK	1
PDE5A_HUMAN (O76074) cGMP-specific 3',5'- cyclic phosphodiesterase (EC 3.1.4.35) (CGB- PDE) (cGMP-binding cGMP-specific phosphodiesterase) [MASS=100012]	*	3.31	*	*	*	1	3	NQFNLEDPHQKELFLAMLMTAC[339]DLSAITK	1

PDE6C_HUMAN (P51160) Cone cGMP-specific 3',5'-cyclic phosphodiesterase alpha'-subunit (EC 3.1.4.35) (cGMP phosphodiesterase 6C) [MASS=99146]	0.00	2.10	1.23	0.00	1	1	2	EIIMAMMMTAC[339]DLSAITK	1
PDE8A_HUMAN (O60658) High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (EC 3.1.4.17) [MASS=93303]	0.00	4.58	0.89	0.00	1	2	3	AC[330]NSVFTALENSEDAIEITSEDR	1
							3	ATEVSSQRRRHSSM[147]AR	1
PDIA6_HUMAN (Q15084) Protein disulfide-isomerase A6 precursor (EC 5.3.4.1) (Protein disulfide isomerase P5) (Thioredoxin domain-containing protein 7) [MASS=48121]	*	6.59	*	*	*	1	3	ELSFGRGSTAPVGGGAFPTIVEREPWDGR	1
PDK2_HUMAN (Q15119) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 2) [MASS=46154]	0.00	16.95	0.62	0.00	1	3	2	HIGSIDPNC[339]NVSEVVK	1
							3	LLC[339]DKYYMASPDLEIQEINAANSK	1
							3	LPVYNKSAWRHYQTIQEAGDWC[330]VPSTEPK	1
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	0.00	6.16	0.72	0.00	1	3	3	HYMLC[330]VLEAGGC[339]ASK	1
							3	STLPNPFHLGNLKK	1
							2	GIFLTLC[330]DMLNVTGTQVTSSSLLNGK	1
							2	FLQVHASSGHK	3
PELO_HUMAN (Q9BRX2) Protein pelota homolog [MASS=43377]	0.00	8.57	*	*	*	2	3	VRTTLTLC[330]VEAIDFDSQAC[330]QLR	1
PEO1_HUMAN (Q96RR1) Twinkle protein, mitochondrial precursor (EC 3.6.1.-) (T7 gp4-like protein with intramitochondrial nucleoid localization) (T7-like mitochondrial DNA helicase) (Progressive external ophthalmoplegia 1 protein) [MASS=77154]	0.00	3.80	0.89	0.00	1	1	3	KGATTQNSEIC[330]SGQAPTPDQPDTSKR	1
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	0.00	8.30	0.80	0.00	1	1	2	YADLTEDQLPSC[339]ESLKDTIAR	1
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	*	3.51	*	*	*	2	3	C[339]QENGRWEAPQISC[330]VPR	1
							2	FC[339]NPGWDAFQGAC[330]YK	1

PGDH_HUMAN (P15428) 15-hydroxyprostaglandin dehydrogenase [NAD+] (EC 1.1.1.141) (PGDH) (Prostaglandin dehydrogenase 1) [MASS=28977]	*	20.68	*	*	*	2	2	VALVTGAAQIGRAFAEALLK	1
							3	DMIKYYGILDPPLIANGLITLIEDDALNGAIM[147]K	1
PGES2_HUMAN (Q9H7Z7) Prostaglandin E synthase 2 (EC 5.3.99.3) (Microsomal prostaglandin E synthase 2) (mPGES-2) [Contains: Prostaglandin E synthase 2 truncated form] [MASS=41943]	*	9.55	*	*	*	2	2	EDLYEAADKWVAAGVKDR	1
							2	AGFAGAAGGPPVAAARK	5
PGLB_HUMAN (Q99645) Dermatan sulfate proteoglycan 3 precursor (Epiphycan) (Small chondroitin/dermatan sulfate proteoglycan) (Proteoglycan-Lb) (PG-Lb) [MASS=36578]	0.00	6.21	1.43	0.00	1	1	3	LDGNPINLSKTPQAYMC[339]LPR	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	*	5.00	*	*	*	2	2	MIDELNKTLM[147]TMQR	1
							3	PWTRLTAADKAAIR	1
PHLB1_HUMAN (Q86UU1) Pleckstrin homology-like domain family B member 1 (Protein LL5-alpha) [MASS=151161]	0.00	8.21	1.04	0.00	1	6	3	ADGGPEAGELPSIGEATAALALAGR	1
							3	EAEALETETKLFEDLEFQQLER	1
							2	GQQVIEEQR	1
							3	EAEALETETKLFEDLEFQQLERESR	1
							3	LFEDLEFQQLER	1
							2	EEC[339]SSTESTQQEHEDAPSTK	1
PHYIP_HUMAN (Q92561) Phytanoyl-CoA hydroxylase-interacting protein (Phytanoyl-CoA hydroxylase-associated protein 1) (PAHXAP1) (PAHX-AP1) [MASS=37572]	*	2.73	*	*	*	1	2	ENKNSNKFK	2
PIAS3_HUMAN (Q9Y6X2) Protein inhibitor of activated STAT protein 3 [MASS=68017]	0.00	4.94	0.28	0.00	1	1	3	EASEVC[330]PPPGYGLDGLQYSPVQGGDPSENKK	1
PIGO_HUMAN (Q8TEQ8) Phosphatidylinositol-glycan biosynthesis, class O protein (PIG-O) [MASS=118698]	*	2.39	*	*	*	1	2	C[339]PEETPVC[339]HSSPWLSPLASMVGGRK	1
PK3CA_HUMAN (P42336) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform (EC 2.7.1.153) (PI3-kinase p110 subunit alpha) (PtdIns-3-kinase p110) (PI3K) [MASS=124412]	*	2.53	*	*	*	1	2	RPDFMDALQGLLSPLNPAHQLGNLRLK	1

PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	*	2.81	*	*	*	2	3 2	VC[339]GRDEYLVGETPIKNFQWVR YFLDQIEVC[339]R	1 1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	*	2.51	*	*	*	1	2	KTENISYEMLFEPEPNGVNSVEMM[147]DKER	1
PKHB1_HUMAN (Q9UF11) Pleckstrin homology domain-containing family B member 1 (Pleckstrin homology domain retinal protein 1) (PH domain-containing protein in retina 1) (PHRET1) [MASS=27186]	0.38	20.16	0.82	0.00	1	2	3 3	EDPC[339]YSAGAPLAM[147]GM[147]LAGAATGAALGSLMWSPC[330]WF IGPEC[339]HDVQPPEGR	1 1
PLCC_HUMAN (Q9NRZ7) 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma (EC 2.3.1.51) (1-AGP acyltransferase 3) (1-AGPAT 3) (Lysophosphatidic acid acyltransferase-gamma) (LPAAT-gamma) (1-acylglycerol-3-phosphate O-acyltransferase 3) [MASS=43381]	0.00	6.12	0.29	0.00	1	1	2	KELLYVPLIGWTWYFLEIVFC[330]KR	1

PLCD1_HUMAN (P51178) 1-
phosphatidylinositol-4,5-bisphosphate
phosphodiesterase delta 1 (EC 3.1.4.11)
(Phosphoinositide phospholipase C) (PLC-delta-
1) (Phospholipase C-delta-1) (PLC-III)
[MASS=85763]

* 3.97 * * *

2

3 VMRTPESQLFSIEDIQEVR 1
1 ILFC[339]DVLRAIR 1

PO5F1_HUMAN (Q01860) POU domain, class
5, transcription factor 1 (Octamer-binding
transcription factor 3) (Oct-3) (Oct-4)
[MASS=38570]

0.00 5.00 * * *

1

2 VFSQTTIC[339]RFEALQLSFK 1

POLK_HUMAN (Q9UBT6) DNA polymerase
kappa (EC 2.7.7.7) (DINB protein) (DINP)
[MASS=98808]

* 2.76 * * *

2

2 FYGNELKK 1
1 YFIKM[147]GSSVENDNPGK 1

PP1A_HUMAN (P62136) Serine/threonine-
protein phosphatase PP1-alpha catalytic
subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]

0.82 9.09 0.85 0.00 1

2

2 GNHEC[330]ASINR 1
2 PTDVPDQGLLC[330]DLLWSDPK 1

PP1B_HUMAN

0.82 7.67 * * *

1

3 GVSFTFGADVVSFLNRHDLIC[339]R 1

PPARB_HUMAN (Q03181) Peroxisome
proliferator-activated receptor delta (PPAR-
delta) (PPAR-beta) (Nuclear hormone receptor
1) (NUC1) (NUC1) [MASS=49903]

0.00 6.35 3.61 0.00 1

1

3 SSSPPSLLDQLQM[147]GC[339]DGASC[339]GSLNM[147]EC[339]R 1

PPIA_HUMAN (P62937) Peptidyl-prolyl cis-
trans isomerase A (EC 5.2.1.8) (PPIase A)
(Rotamase A) (Cyclophilin A) (Cyclosporin A-
binding protein) [MASS=17881]

1.00 45.73 1.02 0.11 5

3

3 HTGPGILSM[147]ANAGPNTNGSQFFIC[339]TAKTEWLDGK 1
2 IIPGFM[147]C[339]QGGDFTR 1
2 IIPGFM[147]C[330]QGGDFTR 2
2 IIPGFMC[330]QGGDFTR 1
2 HTGPGILSM[147]ANAGPNTNGSQFFIC[330]TAK 1

PIIB_HUMAN (P23284) Peptidyl-prolyl cis-trans isomerase B precursor (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin B) (S-cyclophilin) (SCYLP) (CYP-S1) [MASS=22742]	*	20.19	*	*	*	2	3	HYGPGWVSM[147]ANAGKDTNGSQFFITTVK	1
							3	SIYGERFPDENFKLK	1
PPP5_HUMAN (P53041) Serine/threonine-protein phosphatase 5 (EC 3.1.3.16) (PP5) (Protein phosphatase T) (PP-T) (PPT) [MASS=56878]	*	5.81	*	*	*	1	2	PQFHQFTAVPHPNVKPM[147]JAYANTLLQLGMM	1
PR285_HUMAN (Q9BYK8) Peroxisomal proliferator-activated receptor A-interacting complex 285 kDa protein (EC 3.6.1.-) (ATP-dependent helicase PRIC285) (PPAR-alpha-interacting complex protein 285) (PPAR-gamma DBD-interacting protein 1) (PDIP1) [MASS=294533]	*	1.93	*	*	*	4	3	QAPNPYSSEIK	1
							3	VHLFVHHM[147]GM[147]EK	1
							1	VPPHPR	1
							2	HSVC[339]PEGLSM[147]EQVEQGVQRRR	1
PRDM7_HUMAN (Q9NQW5) PR domain zinc finger protein 7 (PR domain-containing protein 7) [MASS=45965]	*	4.42	*	*	*	1	3	AFSSPPKGQMGSSRVGER	1
PRDM8_HUMAN (Q9NQV8) PR domain zinc finger protein 8 (PR domain-containing protein 8) [MASS=71709]	0.00	5.66	1.85	0.00	1	1	2	GGSSC[339]SPAQSLSSGSGSGGGGGHQEAELSPDGIATGGGK	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	1.00	21.88	0.96	0.15	4	2	2	YLVLFYPLDFTFVC[339]PTEIVAFSDK	1
							3	AFQYVETHGEVC[330]PANWTPDSPTIKPSPAASK	1
							3	AFQYVETHGEVC[339]PANWTPDSPTIKPSPAASK	3
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026]	0.80	7.48	1.72	0.00	1	1	2	GVLFVPGAFPTPGC[339]SK	1
PREX1_HUMAN (Q8TCU6) Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (P-Rex1 protein) [MASS=186203]	0.00	4.52	1.14	0.00	1	4	3	GAAPPYVYAVGRGSEAMAAGLC[339]AGQC[339]ILK	1
							2	RTKSINGSLYIFR	1
							3	AFYLERSNLPTDASTTAVK	1
							2	AFFLFDNLLVYC[339]KR	1

PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	0.00	3.73	1.28	0.00	1	1	2	ISLDQIDLLSTKSFPPC[330]M[147]R	1
PRIO_HUMAN (P04156) Major prion protein precursor (PrP) (PrP27-30) (PrP33-35C) (ASCR) (CD230 antigen) [MASS=27661]	*	10.28	*	*	*	1	3	HM[147]AGAAAAGAVVGGLGGYM[147]LGSAM[147]SR	1
							3	HM[147]AGAAAAGAVVGGLGGYM[147]LGSAMSR	1
PROF1_HUMAN (P07737) Profilin-1 (Profilin I) [MASS=14923]	0.00	15.11	1.00	0.00	1	1	2	C[330]SVIRDSLLQDGEFSMDLRTK	1
PROZ_HUMAN (P22891) Vitamin K-dependent protein Z precursor [MASS=44744]	*	9.25	*	*	*	2	1	LGEDHK	2
							3	EHRGSWFLTGVLSQPVGGAHM[147]VLVTKVSR	1
PRP16_HUMAN (Q92620) Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16 (EC 3.6.1.-) (ATP-dependent RNA helicase DHX38) (DEAH box protein 38) [MASS=140502]	*	4.40	*	*	*	2	3	DWEESKDDQKDAEEEGGDQAGQNIR	1
							3	MLIVSC[339]DMGC[330]SSEILLIVSM[147]LSVPAIFYR	1
PRPS1_HUMAN (P60891) Ribose-phosphate pyrophosphokinase I (EC 2.7.6.1) (Phosphoribosyl pyrophosphate synthetase I) (PRS-I) (PPRibP) [MASS=34703]	*	5.68	*	*	*	1	2	RVTSIADRLNVDFALIHK	1
PRS23_HUMAN (O95084) Serine protease 23 precursor (EC 3.4.21.-) (Putative secreted protein ZSIG13) [MASS=43001]	*	6.01	*	*	*	2	1	IGVSPPAK	1
							2	RQIYGYSRFSIFGK	1
PSA5_HUMAN (P28066) Proteasome subunit alpha type 5 (EC 3.4.25.1) (Proteasome zeta chain) (Macropain zeta chain) (Multicatalytic endopeptidase complex zeta chain) [MASS=26411]	0.00	8.71	0.76	0.00	1	1	2	LGSTAIGIQTSEGVC[330]LAVEKR	1
PSD13_HUMAN (Q9UNM6) 26S proteasome non-ATPase regulatory subunit 13 (26S proteasome regulatory subunit S11) (26S proteasome regulatory subunit p40.5) [MASS=42918]	0.00	9.57	0.90	0.00	1	2	3	IQLLC[330]LMEM[147]TFTRPANHR	1
							2	QMTDPNVALTFLEKTREK	1
PSD1_HUMAN (Q99460) 26S proteasome non-ATPase regulatory subunit 1 (26S proteasome regulatory subunit RPN2) (26S proteasome regulatory subunit S1) (26S proteasome subunit p112) [MASS=105836]	*	2.83	*	*	*	1	3	ILSGEM[147]AIELHLQFLIRNNNTDLM[147]ILK	1

PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP- like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	*	4.56	*	*	*	1	2	SGSSIMVEVATGPSDSATREKLPM[147]VLK	1
PTN13_HUMAN (Q12923) Tyrosine-protein phosphatase non-receptor type 13 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1E) (PTP-E1) (hPTPE1) (PTP-BAS) (Protein- tyrosine phosphatase PTPL1) (Fas-associated protein-tyrosine phosphatase 1) (FAP-1) [MASS=276904]	0.00	3.30	0.18	0.00	1	4	2 KVNIMLLNGQRLELTC[330]DTK 2 IGC[339]YVHDVIQDPAKSDGRLK 3 GLSQQEVISALRGTAPEVFLLLC[330]R 2 LHNTYVGASEKETELEFLK	1 1 1 1	
PTN18_HUMAN (Q99952) Tyrosine-protein phosphatase non-receptor type 18 (EC 3.1.3.48) (Brain-derived phosphatase) [MASS=50384]	0.00	1.53	0.06	0.00	1	1	2 VILM[147]AC[330]R	1	
PTPRO_HUMAN (Q16827) Receptor-type tyrosine-protein phosphatase O precursor (EC 3.1.3.48) (Glomerular epithelial protein 1) (Protein tyrosine phosphatase U2) (PTPase U2) (PTP-U2) [MASS=138281]	0.00	1.97	1.01	0.00	1	1	2 SKGPMIIHC[330]SAGVGRGTGFIALDR	1	
PTPRS_HUMAN (Q13332) Receptor-type tyrosine-protein phosphatase S precursor (EC 3.1.3.48) (R-PTP-S) (Protein-tyrosine phosphatase sigma) (R-PTP-sigma) [MASS=217093]	*	1.49	*	*	*	1	3 FSVLPPTFHFGDQKQYGGFDNRGLEPGHR	1	
PUS3_HUMAN (Q9BZE2) tRNA pseudouridine synthase 3 (EC 5.4.99.-) (tRNA-uridine isomerase 3) (tRNA pseudouridylate synthase 3) [MASS=55615]	*	12.68	*	*	*	2	2 M[147]DVANGVINFRQRTILSAQVQLVGQSPGEGR 3 IAYMGWGYQGFGASQENTNNTIEEKLFEALTK	1 1	
PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	*	4.98	*	*	*	1	3 LLVVSTQLSHC[339]R	3	

PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl- phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	*	2.07	*	*	*	2	3	GLPVTC[339]EVAPHHLFLSHDDLER	1
							2	LGYPVLVRAAFALGGLSGGFASNR	1
RAB1A_HUMAN (P62820) Ras-related protein Rab-1A (YPT1-related protein) [MASS=22546]	*	3.43	*	*	*	1	2	C[339]DLTTKK	1
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21- Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	7.29	0.66	0.01	2	1	2	HHC[330]PNTPIILVGTK	1
							2	HHC[339]PNTPIILVGTK	1
RAF1_HUMAN (P04049) RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.11.1) (Raf-1) (C-RAF) (cRaf) [MASS=73051]	0.00	6.64	1.08	0.00	1	2	2	TVNVNRNGMSLHDC[330]LMK	1
							3	SASEPSLHRAAHTEDINAC[330]TLTTSPR	1
RAG1_HUMAN (P15918) V(D)J recombination- activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	0.00	5.56	0.65	0.00	1	3	3	VC[330]ILRC[339]LKVMGSYC[339]PSC[330]R	1
							2	EC[330]NEEVSLEK	1
							3	PLC[330]LM[147]LADESDHETLTAILSPLIAEREAMK	1
RAI14_HUMAN (Q9P0K7) Ankycorbin (Ankyrin repeat and coiled-coil structure-containing protein) (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	*	2.14	*	*	*	1	2	LKDTLKSQMTQEASDEAEDM[147]K	1
RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	0.00	2.36	11.99	0.00	1	2	3	KEDLEAEEEEYSSLC[339]ELLGSPEQRPGM[147]QDPLSPK	1
							3	RKSAFMAPVPTK	1
RAS7_HUMAN (Q02833) Ras association domain-containing protein 7 (HRAS1-related cluster protein 1) [MASS=39945]	0.00	8.04	1.18	0.00	1	1	3	ERQLLPQEC[330]PVGAQATC[330]GQFASDVQFVLRR	1
							3	WC[339]C[339]FVM[147]LHADQDGEKLQALLRLVIELER	1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	0.00	9.60	1.02	0.00	1	6	3	AELNKVTSLSHNQAFEIEKNLK	1
							3	GLEDRLYALDQM[147]IASC[339]GRLVNEQK	1
							2	VDSAMETSMMSVQENIHMLSEEK	1
							2	TLMTIEKDQC[330]ISELISRHEEESNILK	1
							3	VEESLMMPAVFHTVASRTQLALEMYEVAKK	1
RBL1_HUMAN (P28749) Retinoblastoma-like protein 1 (107 kDa retinoblastoma-associated protein) (PRB1) (P107) [MASS=120846]	0.00	1.40	1.68	0.00	1	1	2	HLDQLLLC[339]AFYIM[147]AK	1

RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	*	2.90	*	*	*	1	3	IFLGEDAEIIIIGTLSRC[339]LNAGSGTETAERVQMK	1
RBM8A_HUMAN (Q9Y5S9) RNA-binding protein 8A (RNA-binding motif protein 8A) (Ribonucleoprotein RBM8A) (RNA-binding protein Y14) (Binder of OVCA1-1) (BOV-1) [MASS=19889]	0.00	27.59	6.01	0.00	1	2	2 2	EAQAAMEGLNGQDLM[147]GQPISVDWC[339]FVR ARMREDYDSVEQDGDEPGPQR	1 1
RBP17_HUMAN (Q9H2T7) Ran-binding protein 17 [MASS=124375]	*	4.50	*	*	*	3	2 2 2	TLQFLNDLSVGYILLKK ASLINSQPLPK DVAEALRSDGNTEPC[339]SLDMM[147]S	1 1 1
RDH13_HUMAN (Q8NBN7) Retinol dehydrogenase 13 (EC 1.1.1.-) [MASS=35932]	0.00	19.03	0.29	0.00	1	2	3 3	DYVTGGAC[339]PSKATIPGKTVIVTGANTGIGK M[147]SRYLLPLSALGTVAGAAVLLKDYVTGGAC[330]PSK	1 1
REC8L_HUMAN (O95072) Meiotic recombination protein Rec8-like 1 (Cohesin Rec8p) [MASS=62613]	0.00	4.57	0.36	0.00	1	1	3	TPTLSGWLPPPELLGLWTHC[330]AQPPPK	1
RELN_HUMAN (P78509) Reelin precursor (EC 3.4.21.-) [MASS=388399]	*	1.10	*	*	*	2	3 3	ITLPLPPYTRSQATR C[339]GILSSGNNLFFNEDGLRM[147]LMTR	1 1
REM1_HUMAN (O75628) GTP-binding protein REM 1 (Rad and Gem-like GTP-binding protein 1) (GTPase-regulating endothelial cell sprouting) [MASS=32947]	0.00	7.72	6.26	0.00	1	1	2	SWSQESC[339]LQGGSAYVIVYSIADR	1
RFC5_HUMAN (P40937) Replication factor C subunit 5 (Replication factor C 36 kDa subunit) (RF-C 36 kDa subunit) (RFC36) (Activator 1 36 kDa subunit) (A1 36 kDa subunit) [MASS=38496]	*	3.24	*	*	*	1	2	ALVTLSSGDM[147]R	1
RFWD2_HUMAN (Q8NHY2) Ring finger and WD repeat domain protein 2 (EC 6.3.2.-) (Ubiquitin-protein ligase COP1) (Constitutive photomorphogenesis protein 1 homolog) (hCOP1) [MASS=80474]	*	3.42	*	*	*	1	3	LTAHFEDLEQC[330]YFSTRMSRISDDSR	1
RGS12_HUMAN (O14924) Regulator of G-protein signaling 12 (RGS12) [MASS=156356]	*	4.77	*	*	*	3	2 3 3	NHSATGEERTLGKSNSIK LSGEKEPLDLGAPISLDGQR SPIYQEC[330]ILAEVEGRAIPDSQQVPSSPASK	1 1 1

RHG07_HUMAN (Q96QB1) Rho-GTPase-activating protein 7 (Rho-type GTPase-activating protein 7) (Deleted in liver cancer 1 protein) (Dlc-1) (HP protein) (StAR-related lipid transfer protein 12) (StARD12) (START domain-containing protein 12) [MASS=122826]	*	5.41	*	*	*	2	3	TNSVISVC[330]SSSNLAGNDDSFGLSPSPK	1
							3	WHSFQSSHRPSLSVSLQINC[330]QSVAQM[147]NLLQK	1
RHG12_HUMAN (Q8IWW6) Rho-GTPase-activating protein 12 [MASS=96254]	*	2.96	*	*	*	1	3	GWSEELDERGHTLYTSDYTNEKWLK	1
							2	HFC[339]PNVPIILVGNK	2
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	1.00	13.47	0.75	0.13	7	2	2	HFC[330]PNVPIILVGNK	4
							2	IGAFGYM[147]EC[339]SAK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.96	7.14	0.71	0.03	2	1	2	HFC[330]PNVPIILVANK	2
RHOC_HUMAN	0.00	5.70	*	*	*	1	2	ELAKMKQEPVR	1
RIC8A_HUMAN (Q9NPQ8) Synembryn-A (Protein Ric-8A) [MASS=59612]	*	3.21	*	*	*	1	2	FIKYTGYGNAAGLLAAR	1
RIF1_HUMAN (Q5UIP0) Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog) [MASS=274464]	*	3.56	*	*	*	4	2	SSLSNNEC[330]GSLDKTSPMSNSNNDERK	1
							2	M[147]ELSLENTVEGNAC[339]KVTESNLEK	1
							3	SSLSNNEC[330]GSLDKTSPEM[147]SNSNNDER	1
							2	EGTFSKSDSEK	1
RIMS1_HUMAN (Q86UR5) Regulating synaptic membrane exocytosis protein 1 (Rab3-interacting molecule 1) (RIM 1) [MASS=189071]	*	3.72	*	*	*	3	2	PPSPRIQIHASPENDRHSR	1
							3	DAPQVLPQGSLSVKLWYDK	1
							2	TLC[330]SMHHLVPGGSAPPSPLLTRMHR	1
							2	TLC[339]SM[147]HHLVPGGSAPPSPLLTRM[147]HR	1
RL11_HUMAN (P62913) 60S ribosomal protein L11 (CLL-associated antigen KW-12) [MASS=20121]	*	12.99	*	*	*	1	2	KNNFSDTGNFGFGIQEHIDLGK	1
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	*	9.09	*	*	*	1	2	C[339]LPTPKC[330]HTPPLYRM[147]R	1
RL1D1_HUMAN (O76021) Ribosomal L1 domain-containing protein 1 (Cellular senescence-inhibited gene protein) (Protein PBK1) (CATX-11) [MASS=54972]	*	3.47	*	*	*	1	2	HGIKTVSQIISLQTLKK	1

RLP24_HUMAN (Q9UHA3) Probable ribosome biogenesis protein RLP24 (Ribosomal protein L24-like) [MASS=19621]	0.00	11.04	1.73	0.00	1	1	2	C[339]YFC[339]SGPIYPGHGM[147]M[147]FVR	1
RN168_HUMAN (Q8IYW5) RING finger protein 168 [MASS=65020]	*	4.20	*	*	*	2	3	TRPSNHGKELC[330]VLSHER	2
							2	GSRDKNR	1
RNF37_HUMAN (O94941) RING finger protein 37 (Ubiquitin-conjugating enzyme 7-interacting protein 5) (U-box domain-containing protein 5) [MASS=58965]	*	5.36	*	*	*	1	3	VSWNTPQC[339]RTLGAPEPSVPDKEAFTLVGK	1
ROBO4_HUMAN (Q8WZ75) Roundabout homolog 4 precursor (Magic roundabout) [MASS=107457]	0.00	8.44	0.78	0.00	1	3	2	GHAHDGQALSTD LGVYTC[339]EASNR	1
							3	PDWLED M[147]EVSHTQRLGRGMPPWPPDSQISSQR	1
							3	GHAHDGQALSTD LGVYTC[330]EASNRLGTAVSR	1
ROCK1_HUMAN (Q13464) Rho-associated protein kinase 1 (EC 2.7.11.1) (Rho-associated, coiled-coil-containing protein kinase 1) (p160 ROCK-1) (p160ROCK) (NY-REN-35 antigen) [MASS=158174]	0.00	2.95	0.37	0.00	1	2	2	HQKELND M[147]QAQLVEEC[339]AHR	1
							2	LLEFELAQLTKQYRGNEGQM[147]R	1
RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	*	0.70	*	*	*	1	3	SSAISAGVIEITSQK	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	0.00	3.95	0.51	0.00	1	3	2	SEFLC[330]C[330]QDSFLQEIKK	1
							1	FGLAKMK	1
							3	DKYMRAQM[147]EPGSAVGALC[339]AQSIGEPGTQM[147]TLK	1
RPGF6_HUMAN (Q8TEU7) Rap guanine nucleotide exchange factor 6 (PDZ domain-containing guanine nucleotide exchange factor 2) (PDZ-GEF2) (RA-GEF-2) [MASS=179406]	*	2.81	*	*	*	2	2	ASRESPLQFSLNGGSEK	1
							3	TRFSILPPKLFSDGGLSQSQDDSI V GTR	1
RPGR1_HUMAN (Q96KN7) X-linked retinitis pigmentosa GTPase regulator-interacting protein 1 (RPGR-interacting protein 1) [MASS=146679]	*	2.49	*	*	*	1	3	VLETVEKVHGLATLIGAGGEEFGVLEYWM[147]RLR	1
RS2_HUMAN (P15880) 40S ribosomal protein S2 (S4) (LLRep3 protein) [MASS=31324]	1.00	3.41	1.19	0.06	2	1	2	IGKPHTVPC[339]K	1
							2	IGKPHTVPC[330]K	1
RS3A_HUMAN (P61247) 40S ribosomal protein S3a [MASS=29814]	*	9.89	*	*	*	2	1	IASDGLK	1
							2	M[147]C[330]SM[147]VKKWQTMIEAHVDVK	1

RS8_HUMAN (P62241) 40S ribosomal protein S8 [MASS=24074]	0.00	5.80	0.91	0.00	1	1	3	NC[330]IVLIDSTPYR	1
							2	NC[330]IVLIDSTPYR	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	*	3.56	*	*	*	2	2	ISTITALGHEGKQLVNGEVSDER	1
							3	EDSEFTKVEMDNLDNAQTSGIEEPSETK	1
RTC1_HUMAN (O00442) RNA 3'-terminal phosphate cyclase (EC 6.5.1.4) (RNA-3'-phosphate cyclase) (RNA cyclase) [MASS=39337]	0.00	7.10	0.19	0.00	1	1	2	SEDEEDAADKDYIIEC[330]QGIGMTNPNL	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	*	2.71	*	*	*	1	2	ILADPLDQM[147]KAEAYKYIDITR	1
RTP2_HUMAN (Q5QGT7) Receptor-transporting protein 2 [MASS=26068]	0.35	4.89	0.39	0.00	1	1	2	M[147]C[330]TSLTTC[330]EWK	1
RUVB1_HUMAN (Q9Y265) RuvB-like 1 (EC 3.6.1.-) (49 kDa TATA box-binding protein-interacting protein) (49 kDa TBP-interacting protein) (TIP49a) (Pontin 52) (Nuclear matrix protein 238) (NMP 238) (54 kDa erythrocyte cytosolic protein) (ECP-54) (TIP60-associated) [MASS=50228]	*	10.75	*	*	*	2	3	YSVQLLTPANLLAKINGKDSIEK	1
							3	AVLLAGPPGTGKTALALAIQELGSK	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	*	3.58	*	*	*	1	3	DPLFYLDAQKGRYVPLDQEAYSR	1
S35B1_HUMAN (P78383) Solute carrier family 35 member B1 (UDP-galactose transporter-related protein 1) (UGTrel1) (hUGTrel1) [MASS=35759]	0.00	4.97	1.20	0.00	1	1	2	SC[339]KPIPVMLLGVTLLK	1
							3	WLYSNQIPASPNTVPPIHHSKNPSK	1
							2	LRPRLSSILEEQLEETPK	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	2.59	0.27	0.00	1	5	2	ELLQNADDANATEC[330]SFLIDMR	1
							3	NPSKLIMKPIHEC[339]C[339]YC[339]DIK	1
							3	TILEEGQTC[330]VELIR	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	0.97	4.26	1.99	0.05	2	1	2	THFFLNAGNLC[339]NLNYGEGPK	2

SAPS2_HUMAN (O75170) SAPS domain family member 2 [MASS=101006]	0.00	2.05	13.52	0.00	1	1	2	YPNTAC[339]ELLTC[339]DVPQISDR	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	2.10	1.02	0.22	5	1	2	GC[339]SFLDPYQK	3
							2	GC[330]SFLDPYQK	2
SAR1A_HUMAN (Q9NR31) GTP-binding protein SAR1a (COPII-associated small GTPase) [MASS=22367]	0.00	16.16	0.61	0.00	1	2	2	NYLPAINGIVFLVDC[330]ADHSR	1
							2	PM[147]EVFMC[339]SVLKR	1
							3	C[330]IEENNGVDKR	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	5.26	0.57	0.38	5	2	3	GEQELAEVKVEAIPNC[330]K	1
							2	C[339]IEENNGVDKR	1
							2	C[330]IEENNGVDKR	3
SCN4A_HUMAN (P35499) Sodium channel protein type 4 subunit alpha (Sodium channel protein type IV subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.4) (Sodium channel protein, skeletal muscle subunit alpha) (SkM1) [MASS=208031]	*	0.44	*	*	*	1	1	KHQEELEK	1
SCN5A_HUMAN (Q14524) Sodium channel protein type 5 subunit alpha (Sodium channel protein type V subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.5) (Sodium channel protein, cardiac muscle alpha-subunit) (HH1) [MASS=227161]	*	3.97	*	*	*	4	3	VLGESGEM[147]DALKIQM[147]EEKFM[147]AANPSK	1
							3	PAALAAQGQLPSC[330]IATPYSPPPPETEKVPPTTR	1
							2	PQLDLQASK	1
							3	RKHEEVSAM[147]VIQR	1
SCNND_HUMAN (P51172) Amiloride-sensitive sodium channel subunit delta (Epithelial Na+ channel subunit delta) (Delta ENaC) (Nonvoltage-gated sodium channel 1 subunit delta) (SCNED) (Delta NaCH) [MASS=70274]	*	3.92	*	*	*	1	2	TTSWGLLSLGALVALC[330]WQLGLLFER	1

SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	10.77	1.34	0.08	4	4	2	STGC[339]DFAVSPK	1
							3	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	1
							2	STGC[330]DFAVSPK	1
							2	LMPMQQIAN	1
							2	NFNLPM[147]C[339]K	1
SCPDH_HUMAN (Q8NBX0) Probable saccharopine dehydrogenase (EC 1.5.1.9) [MASS=47151]	1.00	12.12	1.01	0.03	4	2	3	LGRPTLSSEVGIIIC[330]DIANPASLDEM[147]AK	1
							3	LGRPTLSSEVGIIIC[339]DIANPASLDEM[147]AK	3
SDC1_HUMAN (P18827) Syndecan-1 precursor (SYND1) (CD138 antigen) [MASS=32476]	0.00	8.71	1.23	0.00	1	1	2	QIDAASFLLTFFGQGYSGGTGTDK	1
							3	EVLGGVIAGGLVLIFAVC[339]LVGFMLYR	2
SDHL_HUMAN (P20132) L-serine dehydratase (EC 4.3.1.17) (L-serine deaminase) [MASS=34702]	*	6.71	*	*	*	1	2	TPLPSLVVIVC[339]GGSNISLAQLR	1
SEM3C_HUMAN (Q99985) Semaphorin-3C precursor (Semaphorin E) (Sema E) [MASS=85207]	*	2.13	*	*	*	1	2	TIC[330]VLGVGFIC[339]SIC[330]VK	1
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	*	4.76	*	*	*	2	3	THIYVC[330]GTGAFHPIC[339]GYIDLGVIKEDIIFK	1
							2	RHSVM[147]YK	1
SEM4F_HUMAN (O95754) Semaphorin-4F precursor (Semaphorin W) (Sema W) (Semaphorin M) (Sema M) [MASS=83511]	*	4.81	*	*	*	1	3	DKVGLDLGAPPSGTTSYSQDPPSPSPEDERLPLALAK	1
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	*	1.74	*	*	*	1	3	VPLERC[330]AAYRSQGAC[339]LGAR	1
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	0.97	2.71	1.16	0.00	1	1	2	AHC[330]IQQM[147]TSK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	3.20	0.93	0.02	3	1	2	ADTLTPEEC[330]QQFKK	1
							2	ADTLTPEEC[339]QQFKK	2
SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	*	4.71	*	*	*	8	3	AVLNPNPM[147]DFC[339]TKDLLTTTTER	1
							2	VPQPVPLIAQKPVGEM[147]K	1
							2	C[330]GSETHHTRR	1
							2	DMHC[339]LEASSPTFSKEPMK	1
							2	AIETAYAMVK	1
							2	QRALC[330]RGGR	1
							3	VNELC[330]VEALC[339]RMEQANC[339]SFQVFDK	1
							2	GPAEVDTVDAFQGRQK	1

SF01_HUMAN (Q15637) Splicing factor 1 (Zinc finger protein 162) (Transcription factor ZFM1) (Zinc finger gene in MEN1 locus) (Mammalian branch point-binding protein mBBP) (BBP) [MASS=68198]	0.27	1.88	1.47	0.00	1	1	2	C[339]GGAGHIASDC[339]K	1
SFTPD_HUMAN (P35247) Pulmonary surfactant-associated protein D precursor (SP-D) (PSP-D) [MASS=37698]	*	6.93	*	*	*	1	2	GDTGPSGPPGPPGVPGPAGREGPLGK	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	*	6.54	*	*	*	1	2	IVHDYRQGIVPPGLTENELWR	1
SFXN3_HUMAN (Q9BWM7) Sideroflexin-3 [MASS=35503]	*	15.89	*	*	*	2	3	QGIFQVVISRIC[330]M[147]AIPAMAIPLIM[147]DTLEKK	1
							2	IC[330]MAIPAMAIPLIMDTLEK	1
							2	LNVS LASKIK	1
SGOL2_HUMAN (Q562F6) Shugoshin-like 2 (Tripin) [MASS=144738]	*	5.14	*	*	*	4	2	EPSLRDKMR	1
							2	KTSIDPSPESHEVM[147]ERILDSVQ GK	1
							2	KTEIIEVNHLDNDK SIEYTVK	1
SH2D5_HUMAN (Q6ZV89) SH2 domain-containing protein 5 [MASS=37439]	0.00	6.78	3.61	0.00	1	1	2	DVLGAFLLWPELGASGQWC[339]LSVR	1
							2	ATPQHTVSFTC[330]ESHGFSPR	2
							3	ATPQHTVSFTC[330]ESHGFSPR	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1)							3	ATPQHTVSFTC[339]ESHGFSPR	1
(Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2)	1.00	16.10	0.45	0.21	9	4	3	NAREITQDTNDITYADLNLPKGK	1
(Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]							2	ATPQHTVSFTC[339]ESHGFSPR	1
							3	LTC[339]QVEHDGQPAVSK	1
							3	ATPQHTVSFTC[330]ESHGFSPRDITLK	1
							3	LTC[330]QVEHDGQPAVSK	2
							2	LTC[339]QVEHDGQPAVSK	1
							2	LTC[330]QVEHDGQPAVSK	3
SIDT1_HUMAN (Q9NXL6) SID1 transmembrane family member 1 precursor [MASS=93866]	0.00	2.54	1.66	0.00	1	1	2	LALLC[339]ALPWLLLAASPGHPAK	1
SIM2_HUMAN (Q14190) Single-minded homolog 2 [MASS=73218]	*	3.90	*	*	*	2	3	FGEDTAPPSFPSC[330]GHYR	1
							3	LYSNMFM[147]FR	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.00	8.29	0.50	0.31	2	2	3	GLQLTWLENGNVS R	1
							3	ATPEHTVSFTC[330]ESHGFSPR	2
							2	ATPEHTVSFTC[330]ESHGFSPR	1

SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.31	11.31	1.66	0.00	1	2	3	C[339]EDC[339]QSLVKPDIVFFGESLPAR	1
							2	VDLLLVLM[147]GTSLQVQPFASLISK	1
SIVA_HUMAN (O15304) Apoptosis regulatory protein Siva (CD27-binding protein) (CD27BP) [MASS=18695]	0.00	15.43	1.89	0.00	1	2	2	YSQEVFEK	1
							2	SC[330]PFADVAPLQLKVRVSQR	1
SIX4_HUMAN (Q9UIU6) Homeobox protein SIX4 (Sine oculis homeobox homolog 4) [MASS=80832]	*	2.76	*	*	*	1	3	ENFLSNSESKATSSLMMLDSK	1
SKIV2_HUMAN (Q15477) Helicase SKI2W (EC 3.6.1.-) (Helicase-like protein) (HLP) [MASS=137798]	0.00	7.30	0.50	0.00	1	4	2	GRC[330]DEQASGLTSLDLTTSSEK	1
							2	C[339]DEQASGLTSLDLTTSSEK	1
							3	TDPWSLLAVLGAPVPSDLQAQR	1
							3	GLVKVLFATETFAMGVNM[147]PARTVVFDMSR	1
SLIK2_HUMAN (Q9H156) SLIT and NTRK-like protein 2 precursor [MASS=95404]	0.00	4.73	0.50	0.00	1	2	2	ELPSAGLVHYNFC[330]TLPKR	1
							3	MLSGVWFLSVLTVAGILQTESR	1
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	0.00	5.35	1.10	0.00	1	4	2	AIQTLHLAQNPFC[339]DC[330]NLK	1
							2	GLTAIPANLPETM[147]TEIRLELNGIK	1
							3	QRPTIGLFTQC[330]SGPASLR	1
							3	VLQLMENQIGAVERGAFFDDM[147]K	1
SLUR1_HUMAN (P55000) Secreted Ly-6/uPAR-related protein 1 precursor (SLURP-1) (ARS component B) (ARS(Component B)-81/S) (Anti-neoplastic urinary protein) (ANUP) [MASS=11186]	0.00	61.17	1.22	0.00	1	3	3	SC[339]SSSC[330]VATDPDSIGAAHLIFC[330]C[330]FR	1
							2	C[330]YTC[339]KEPM[147]TSASC[330]R	1
							2	M[147]ASRWAVQLLLVAAWSM[147]GC[339]GEALK	1
SMBT2_HUMAN (Q5VUG0) Scm-like with four MBT domains protein 2 [MASS=100562]	0.00	5.03	0.84	0.00	1	2	2	KIAVVQPEKQLPPTVPVK	1
							2	IFQEQDIDGQALLLTLPVQEC[330]M[147]ELK	1
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	*	0.61	*	*	*	1	2	GYEYC[339]R	1
SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]	*	3.65	*	*	*	1	2	KFLESTDSFNNELKR	1

SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]	0.00	11.52	0.45	0.00	1	2	3	TPVC[330]SGSVTDKPLSQGNSGRK	1
							3	M[147]EFITSLLDALTTDM[147]VQAINSAAPTGGGR	1
SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	0.00	7.04	0.84	0.00	1	4	2	C[330]SEQPSISDIKEKSK	1
							1	TSKIKGK	1
							3	RVESIQC[330]FQNTTEAGSPTIM[147]LLSLK	1
							3	EPALLSKQDIVLTTYNILTHDYGTK	1
SMRC2_HUMAN (Q8TAQ2) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 2 (SWI/SNF complex 170 kDa subunit) (BRG1-associated factor 170) [MASS=132878]	0.00	5.02	1.92	0.00	1	3	3	DGGPNVKYEEAADTVTQFDNVR	1
							3	EEEQEDLTQDMDEPSPVPNVVEEVTLPK	1
							2	RNLAGDVC[339]AIMR	1
SMYD5_HUMAN (Q6GMV2) SET and MYND domain-containing protein 5 (Protein NN8-4AG) [MASS=47340]	*	3.35	*	*	*	1	3	ARVSVEVRFVSSAK	1
SNAAL_HUMAN (P54920) Alpha-soluble NSF attachment protein (SNAP-alpha) (N-ethylmaleimide-sensitive factor attachment protein, alpha) [MASS=33247]	*	17.97	*	*	*	2	2	NSQSFFSGLFGGSSKIEEAC[339]EIYAR	1
							2	HDAATC[330]FVDAGNAFKKADPQEAINC[330]LMR	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	*	7.72	*	*	*	2	2	VKASHSFLR	1
							1	AALC[339]HFIVDELNAK	1
SNG3_HUMAN (O43761) Synaptogyrin-3 [MASS=24555]	0.00	4.80	0.90	0.00	1	1	2	C[339]VFNGNAGAC[339]R	1
SNX17_HUMAN (Q15036) Sorting nexin-17 [MASS=52901]	*	11.91	*	*	*	2	3	SYWDSAYDDDMENRVGLNLLYAQTVSDIER	1
							2	SYWDSAYDDDMENRVGLNLLYAQTVSDIER	1
							2	SDSQAVKSPPLLESPDATRESM[147]VK	1
SNX27_HUMAN (Q96L92) Sorting nexin-27 [MASS=50880]	*	3.45	*	*	*	1	3	VALPDGTTVTVRVKK	1
SOCS5_HUMAN (O75159) Suppressor of cytokine signaling 5 (SOCS-5) (Cytokine-inducible SH2-containing protein 5) (Cytokine-inducible SH2 protein 6) (CIS-6) [MASS=61246]	0.00	6.34	0.16	0.00	1	1	3	LAPGMTEISGDSSAIPQANC[330]DSEEDTTTLC[330]LQSR	1

SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	1.00	25.49	0.70	0.10	2	2	3	GLTEGLHGFHVHEFGDNTAGC[330]TSAGPHFNPLSR	1
							2	GLTEGLHGFHVHEFGDNTAGC[330]TSAGPHFNPLSR	1
							1	VWGSIK	1
SORL_HUMAN (Q92673) Sortilin-related receptor precursor (Sorting protein-related receptor containing LDLR class A repeats) (SorLA) (SorLA-1) (Low-density lipoprotein receptor relative with 11 ligand-binding repeats) (LDLR relative with 11 ligand-binding [MASS=248440])	*	1.67	*	*	*	2	2	QLWKSDDFGQTWIMIQEHLVK	1
							3	QQC[339]LFHSM[147]VC[330]DGIQC[330]R	1
							3	PKSDTVDFHC[330]SK	9
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	*	1.74	*	*	*	1			
SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	0.00	3.29	0.42	0.02	2	1	2	EAM[147]LEMLLQHQIC[330]K	2
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	0.45	16.07	0.93	0.00	1	4	3	GSGGASNPVPPRPPPPC[330]LAPAPPAAGPAPPPEPHK	1
							2	APSYGLSMVSGVKQGSGPAPTTHKGTPK	1
							3	RSSGAAPAPASASAPAPVPGGEAERVR	1
							1	M[147]NSPGGR	1
SPG7_HUMAN (Q9UQ90) Paraplegin (EC 3.4.24.-) (Spastic paraplegia protein 7) [MASS=88135]	*	2.39	*	*	*	1	2	VLQDNLDKLQALANALLEK	1
SPN90_HUMAN (Q9NZQ3) SH3 adapter protein SPIN90 (NCK-interacting protein with SH3 domain) (SH3 protein interacting with Nck, 90 kDa) (VacA-interacting protein, 54 kDa) (VIP54) (AF3p21) (Diaphanous protein-interacting protein) (Dia-interacting protein 1) [MASS=78960]	0.00	5.26	0.93	0.00	1	2	2	RNEFESVLALVAYYQM[147]EHR	1
							2	C[330]YLEELLHILTDADPEVC[330]K	1
SPRC_HUMAN (P09486) SPARC precursor (Secreted protein acidic and rich in cysteine) (Osteonectin) (ON) (Basement-membrane protein 40) (BM-40) [MASS=34632]	*	3.63	*	*	*	1	3	FFETC[339]DLDNDK	1

SPRE_HUMAN (P35270) Sepiapterin reductase (EC 1.1.1.153) (SPR) [MASS=28048]	0.00	11.88	1.47	0.00	1	1	3	GFVDLSDSTQVNNYWALNLTSM[147]LC[339]LTSSVLK	1
SPT6H_HUMAN (Q7KZ85) Transcription elongation factor SPT6 (hSPT6) (Tat-cotransactivator 2 protein) (Tat-CT2 protein) [MASS=199071]	*	2.90	*	*	*	3	2	QGYGDKHITLYDIR	1
							3	IDIEKFSADLTC[330]RTSDLMDR	1
							2	GKPRIEYVTVTPEGFR	1
SPTA1_HUMAN (P02549) Spectrin alpha chain, erythrocyte (Erythroid alpha-spectrin) [MASS=279914]	0.00	3.31	2.01	0.00	1	4	2	QLLGSAHAVEVFHREADDTK	1
							3	M[147]EENLSEPVHC[339]VSLNEIR	1
							3	EDM[147]KQALTPEQVSFC[339]ATHM[147]QQYMDPR	1
							2	M[147]EQFPKETVVESSGPK	1
							2	M[147]EENLSEPVHC[330]VSLNEIR	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	*	2.83	*	*	*	5	2	RQQVLDRYHR	1
							2	HVQSKAIEARHASLM[147]K	1
							1	RNEVLDRWR	1
							2	KHEALM[147]SDLSAYGSSIQALR	1
							2	DETDSKTASPWKSAR	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	*	2.90	*	*	*	2	3	FDILDQEMKTLMTQIDGVNLAANSLVESGHPR	1
							3	SAKDALLWC[330]QMKTAGYPHVNTNFTSSWK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	*	2.96	*	*	*	4	2	EGEDMIAEEHFGSEK	1
							3	DLVAIEAKLSDLQK	1
							3	M[147]AETVDTSEMVGATEQR	1
							3	MRDM[147]GEM[147]VTQGQTDAQYMFLRQR	1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	0.00	3.68	0.57	0.00	1	4	3	DEAEM[147]SSWLRVVNAAIATASSASGEPEEPVVPSTTR	1
							2	RQETAEKWQEK	1
							2	SIITYVATYYHYFSKM[147]KALAVEGK	1
							3	KC[330]NAHYNLQNAFNLAEK	1
SPTN4_HUMAN (Q9H254) Spectrin beta chain, brain 3 (Spectrin, non-erythroid beta chain 3) (Beta-IV spectrin) [MASS=288983]	*	1.91	*	*	*	2	3	M[147]QVAVQAAEGLLRQGNIYGEQAQEAQVTR	1
							2	KEEM[147]SAVLLVENHVLVEAEVR	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.55	5.79	1.60	0.00	1	1	3	NFFEPTLLC[339]NVTQDM[147]LC[339]THEETFGPLAPVIK	1
ST6B1_HUMAN (Q6IMI4) Sulfotransferase 6B1 (EC 2.8.2.-) [MASS=30511]	*	4.91	*	*	*	1	2	EC[330]LAGTSLGAKLK	1

STA13_HUMAN (Q9Y3M8) StAR-related lipid transfer protein 13 (StARD13) (START domain-containing protein 13) (46H23.2) (Deleted in liver cancer protein 2) (Rho GTPase-activating protein) [MASS=124967]	*	2.34	*	*	*	1	2	VGDGNPLKLWKASVEVEAPPSVVLNR	1
STAR8_HUMAN (Q92502) StAR-related lipid transfer protein 8 (StARD8) (START domain-containing protein 8) [MASS=112600]	*	0.68	*	*	*	1	1	SPDWYNK	1
STF1_HUMAN (Q13285) Steroidogenic factor 1 (STF-1) (SF-1) (Adrenal 4-binding protein) (Steroid hormone receptor Ad4BP) (Fushi tarazu factor homolog 1) [MASS=51636]	*	5.21	*	*	*	1	3	DAQEKANAALLDYTLIC[339]HYPHC[330]GDK	1
STIM2_HUMAN (Q9P246) Stromal interaction molecule 2 precursor [MASS=83971]	*	4.69	*	*	*	2	2 3	MLVLGLLVAGAADGC[330]ELVPR KM[147]MDEINYAKEEAC[339]R	1 1
STK35_HUMAN (Q8TDR2) Serine/threonine-protein kinase 35 (EC 2.7.11.1) (CLP-36-interacting kinase) (Clik1) (PDLIM1-interacting kinase 1) [MASS=44573]	*	5.24	*	*	*	1	2	SFM[147]LQLTSAIAFLHKNHIVHR	1
STK39_HUMAN (Q9UEW8) STE20/SPS1-related proline-alanine-rich protein kinase (EC 2.7.11.1) (Ste-20-related kinase) (Serine/threonine-protein kinase 39) (DCHT) [MASS=59642]	0.27	9.51	0.85	0.00	1	3	3 2 3	DAYELQEVIGSGATAVVQAALC[330]K KLLSLC[339]LQK DELWLVLM[147]KLLSGGSM[147]LDIIK	1 1 1
							2	YSTHLHLAEDC[330]M[147]K	3
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	20.71	0.62	0.07	9	7	2 3 2	C[330]AYEVTQANGK YSTHLHLAEDC[330]MKHYQGTVDK YSTHLHLAEDC[339]M[147]K	1 1 3
							2	AAHVFFTDSC[330]PDALFNELVK	2
							2	MTDIMTEGITIVEDINK	1
							2	YETSGIGEARVKEVLLDEDDDLWIALR	1
							2	DIM[147]EDTIEDKLDTK	1

SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	1.00	4.80	1.20	0.06	3	1	2	LIGPNC[339]PGVINPGEC[339]K	1
							2	LIGPNC[330]PGVINPGEC[330]K	2
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.99	4.97	1.44	0.01	2	2	2	IC[330]NQVLVC[330]ER	1
							2	C[339]DVIAQGIVM[147]JAVK	1
SULF1_HUMAN (Q8IWU6) Extracellular sulfatase Sulf-1 precursor (EC 3.1.6.-) (HSulf-1) [MASS=101026]	*	1.61	*	*	*	1	3	SVLKLLDPEKPGNR	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	0.72	4.83	0.63	0.00	1	1	2	LC[339]LISTFLEDGIR	1
SUZ12_HUMAN (Q15022) Polycomb protein SUZ12 (Suppressor of zeste 12 protein homolog) (Joined to JAZF1 protein) (Chromatin precipitated E2F target 9 protein) (ChET 9 protein) [MASS=83053]	0.00	10.42	0.21	0.00	1	3	2	NLC[330]RNFMLHLVSMHDFNLISIMSIDK	1
							2	M[147]APQKHGGGGGGSGPSAGSGGGGFGGSAAVAAATASGGK	1
							3	RTPITHILVC[339]R	3
							2	PPLDHNASATDYK	1
							2	REEEEENVQSEWRLYC[339]VR	1
							3	VQASKNPLKM[147]LAAR	5
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	*	2.98	*	*	*	4			
							2	KGLASPTAITPVASAIK[330]GKTR	1
SYGP1_HUMAN (Q96PV0) Ras GTPase-activating protein SynGAP (Synaptic Ras-GTPase-activating protein 1) (Synaptic Ras-GAP 1) (Neuronal RasGAP) [MASS=146675]	*	4.14	*	*	*	2	3	LSQSGSGSSITAAGM[147]RLSQMGVTTDGVPAQQLR	1
							2	FC[339]IISGNQLLMLDEDEIHPLIR	1
							3	FC[339]IISGNQLLMLDEDEIHPLIR	1
SYIC_HUMAN (P41252) Isoleucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) (IRS) [MASS=144958]	*	1.82	*	*	*	1	2	VENM[147]VDQLLRNNDLC[330]YWVPELVR	1

SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	*	4.94	*	*	*	2	2	TGWISTSSIWKPGLEEAVESAC[339]AMR	1
							2	PGLLEEAVESAC[339]AM[147]RDSFLGSIPGK	1
SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	*	2.41	*	*	*	12	2	MYHSLAGSLQDSGIVLK	1
							3	FINDITTWFTKVEESLM[147]NC[339]AQNETC[339]EALK	1
							2	QLGKALDDSRFQIQQTENIIR	1
							1	VQYEMK	1
							2	TQFNNVVNKLRLM[147]EQK	1
							3	HFSESMQEFQEWFLGAK	1
							2	HSELELNIAQNMVSQVK	3
							3	QTVEATNSM[147]NKNESDLIEKDLNDALQNAK	1
							2	LQDM[147]YDELM[147]IIGSR	1
							2	HFKEDFDK	2
							2	ALQDLADLLETGQEK[147]AGDQKIIVSSK	1
							2	MLHLVTLYHR	1
SYP2L_HUMAN (Q9H987) Synaptopodin 2-like protein [MASS=102468]	*	1.94	*	*	*	1	3	TKC[330]RTIASLLTAAPNPHSK	1
							1	LHQVYFDAPTC[330]R	1
							2	LHQVYFDAPTC[339]R	3
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	3.83	0.62	0.11	9	1	2	LHQVYFDAPTC[330]R	5
SYQ_HUMAN (P47897) GlutaminyI-tRNA synthetase (EC 6.1.1.18) (Glutamine--tRNA ligase) (GlnRS) [MASS=87798]	0.00	2.32	5.89	0.00	1	1	2	FFTAIC[339]DM[147]VAWLGYTPYK	1
TALAN_HUMAN (Q70YC4) Talanin [MASS=24006]	0.00	5.56	1.77	0.00	1	1	2	NPC[339]LHGAYLQLR	1
TAU_HUMAN (P10636) Microtubule-associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	0.99	7.40	1.88	0.00	1	3	2	LQTAPVPM[147]PDLKNVSK	1
							2	HQLLGDLHQEGPPLKGAGGK	1
							3	C[330]GSLGNIHHKPGGGQVEVK	1

								2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
								3	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	4
								2	YM[147]AC[339]C[339]LLYR	4
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	10.27	0.95	0.08	19	3		2	SIQFVDWC[339]PTGFK	1
								3	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	2
								2	YM[147]AC[330]C[330]LLYR	4
								2	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	2
TBB1_HUMAN (Q9H4B7) Tubulin beta-1 chain [MASS=50327]	0.00	2.00	*	*	*	1		2	VAVC[339]DIPPR	1

								3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	3
								2	NM[147]MAAC[330]DPR	1
								2	NM[147]M[147]AAC[330]DPRHGR	1
								3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	3
								2	NMM[147]AAC[330]DPR	1
								2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	4
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*		6			
								2	NMM[147]AAC[339]DPR	1
								2	NM[147]M[147]AAC[330]DPR	2
								3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
								2	TAVC[330]DIPPR	7
								3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2

							2	TAVC[339]DIPPR	5
							2	NM[147]M[147]AAC[339]DPR	4
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*	6	3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	3
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	4
							3	KEAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2

								2	EIVHIQAGQC[339]GNQIGAK	3
								2	EIVHIQAGQC[330]GNQIGAK	8
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.93	0.13	67	2		2	M[147]REIVHIQAGQC[339]GNQIGAK	1
								3	EIVHIQAGQC[339]GNQIGAK	2
								3	M[147]REIVHIQAGQC[339]GNQIGAK	4
								3	MREIVHIQAGQC[330]GNQIGAK	2
								3	M[147]REIVHIQAGQC[330]GNQIGAK	3
								3	MREIVHIQAGQC[339]GNQIGAK	1
								3	EIVHIQAGQC[330]GNQIGAK	3
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	0.93	0.13	67	2		2	M[147]REIVHIQAGQC[330]GNQIGAK	3
TBB3_HUMAN	1.00	6.00	1.41	0.00	1	1		3	FWEVISDEHGIDPSGNYVGDSLQLER	1
TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	1.00	5.38	*	*	*	1		3	AALVDLEPGTM[147]DSVRS GPFGQLFR	1
TBCC_HUMAN (Q15814) Tubulin-specific chaperone C (Tubulin-folding cofactor C) (CFC) [MASS=39220]	0.00	6.07	1.69	0.00	1	1		2	RASELHQRDVLLTELSNC[339]TVR	1
TBCD1_HUMAN (Q86TI0) TBC1 domain family member 1 [MASS=133083]	*	3.25	*	*	*	2		2	PDMIILQIQM[147]YQLSR	1
								2	NFKEISFC[339]SQGIRHVDHFGFIC[330]R	1

TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	0.00	4.23	1.48	0.00	1	4	2 NRILQLMPQLSPTPSMMPSPNSHAAGFK	1
							2 C[339]LMSSDGLPNKGMEK	1
							2 LNPTLSQSVILPGGLVSMETKLK	1
							2 C[330]SHC[339]QEAGATLGC[330]YNK	1
TDRD5_HUMAN (Q8NAT2) Tudor domain-containing protein 5 [MASS=76592]	*	5.13	*	*	*	2	2 DSSELLEDM[147]MIEMR	1
							3 SELNLAMANHDIPDAVPNKK	1
TENX_HUMAN (P22105) Tenascin-X precursor (TN-X) (Hexabrachion-like protein) [MASS=464454]	*	2.19	*	*	*	5	2 MC[330]PADC[330]RGRGR	1
							2 MNM[147]YGLHDGQRM[147]GPLSVVIVTAPATEASK	1
							2 VRGEESEVTVGLEPGC[339]K	1
							2 C[339]VC[339]NPGFTGEDC[339]GSRR	1
							2 C[339]EGGRC[330]VC[330]DPGYTGDDC[339]GMR	1
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	0.00	5.75	1.35	0.00	1	8	2 LSLVTGQSGQGKTAFLASLVSAQAPDGAK	1
							3 TLPKGTKSWEAAAGNSGDPYPM[147]GPFAC[339]LVQSLR	1
							3 VWDHQGVELTSIPAHSGPISHC[330]AAAMEPR	1
							2 FEKAGDTVSEK	1
							2 ASLYARQQLNVR	1
							1 VGISSR	3
							3 TC[339]DADASGTFR	1
							2 TVLVYLTDANADRLC[330]PK	1
TF3C1_HUMAN (Q12789) General transcription factor 3C polypeptide 1 (Transcription factor IIIC-subunit alpha) (TF3C-alpha) (TFIIIC 220 kDa subunit) (TFIIIC220) (TFIIIC box B-binding subunit) [MASS=238294]	*	2.09	*	*	*	2	3 GYYSPGIVSTRNLNPNDIVVNSC[339]QMK	2
							2 ALPFVPM[147]SYQLSQTYR	1
TGBR3_HUMAN (Q03167) TGF-beta receptor type III precursor (TGFR-3) (Transforming growth factor beta receptor III) (Betaglycan) [MASS=93428]	0.00	5.53	2.79	0.00	1	2	2 C[339]NIGKNFLSLNYLAEYLQPK	1
							3 SVVFLNPNHPLVWHLKTERLATGVSR	1
TGIF_HUMAN (Q15583) 5'-TG-3'-interacting factor (Homeobox protein TGIF) [MASS=43043]	0.00	12.72	1.10	0.00	1	2	3 LLETMKGIVAASGSETEDEDSMDIPLDLSSSAGSGK	1
							3 NFTDTSLMYPEDTC[339]K	1
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	11.11	9.90	0.00	1	2	3 GITTEQLDALGC[339]R	1
							3 SRARAGELWLPHGTVPVFM[147]PVGQTQATM[147]K	1

THIK_HUMAN (P09110) 3-ketoacyl-CoA thiolase, peroxisomal precursor (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Peroxisomal 3-oxoacyl-CoA thiolase) [MASS=44292]	0.00	6.84	1.14	0.00	1	2	3	EKQDTFALASQQK	1
							2	DC[330]LIPM[147]GITSENVAER	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	2.81	1.21	0.02	4	1	2	IHM[147]GSC[339]AENTAK	3
							2	IHM[147]GSC[330]AENTAK	1
THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	0.40	12.59	1.46	0.00	1	2	3	DGTVTAGNASGVADGAGAVIIASEDAVKKHNFTPLAR	1
							2	EEC[339]DKYALQSQQR	1
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	*	3.52	*	*	*	3	2	WKHYWVSLK	1
							3	SLHEM[147]NPSDQNPSPQDSTGPQLATM[147]RQLSDADNVRK	1
							2	LSIYEDWDPFR	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.44	17.98	1.33	0.00	1	1	3	EVKPEETTC[339]SEHC[339]LQK	2
TLK2_HUMAN (Q86UE8) Serine/threonine-protein kinase tousled-like 2 (EC 2.7.11.1) (Tousled-like kinase 2) (PKU-alpha) [MASS=87660]	*	1.42	*	*	*	1	3	MAC[339]RDKSM[147]QDR	3
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	*	1.18	*	*	*	1	2	VLGESM[147]AGISQNAKTGDLPAFGEC[339]VGIASK	1
TMM22_HUMAN (Q8TBE7) Transmembrane protein 22 [MASS=46449]	0.00	8.01	0.43	0.00	1	2	3	SVFQVLSVLVVC[339]YYQEAPFGPSGYR	1
							2	KGLLSEMK	1
TMPS7_HUMAN (Q7RTY8) Transmembrane protease, serine 7 precursor (EC 3.4.21.-) [MASS=64041]	*	3.50	*	*	*	1	3	DC[339]ENGRDEQNC[339]TQSIPC[330]NNR	1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	0.00	3.31	1.07	0.00	1	3	2	LLSEQTC[330]R	1
							2	M[147]EPTVADVHLVPR	1
							3	VAAVRGWIGQHIQE	1

TNF13_HUMAN (O75888) Tumor necrosis factor ligand superfamily member 13 precursor (A proliferation-inducing ligand) (APRIL) (TNF- and APOL-related leukocyte expressed ligand 2) (TALL-2) (TNF-related death ligand 1) (TRDL 1) (CD256 antigen) [MASS=27433]	*	3.60	*	*	*	1	2	AVLTQKQKK	1
TNMD_HUMAN (Q9H2S6) Tenomodulin (TeM) (hTeM) (Chondromodulin-I-like protein) (ChM1L) (hChM1L) (Myodulin) (Tendin) [MASS=37130]	0.00	8.52	1.58	0.00	1	1	3 3	IC[339]KSLKIC[330]GLVFGILALTLIVLFWGSK IC[339]KSLKIC[339]GLVFGILALTLIVLFWGSK	1 3
TNR8_HUMAN (P28908) Tumor necrosis factor receptor superfamily member 8 precursor (CD30L receptor) (Lymphocyte activation antigen CD30) (KI-1 antigen) [MASS=63747]	0.00	9.92	1.48	0.00	1	2	3 2	EPSSGTIPQAKPTPVSPATSSASTM[147]PVR APDSPSSVGRPSSDPGLSPTQPC[330]PEGSGDC[330]R	1 1
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	0.97	8.86	1.55	0.00	1	1	3	TPGAATASASGAAEDGAC[339]GC[339]LPNPGTFEEC[339]HR	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	17.27	1.12	0.22	4	5	3 2 3 3 2	SEM[147]EM[147]AHLVSLC[339]DAAHAQTEVAK ILLDQVEEAVADFDEC[339]IR EC[330]LEDVTAVC[330]ILEGFQNNQSMMLADK C[330]IDLEPDNATTYVHKGLLQLQWKQDLDR PESALAAQAK	1 2 1 1 1
TOP1M_HUMAN (Q969P6) DNA topoisomerase I, mitochondrial precursor (EC 5.99.1.2) (TOP1mt) [MASS=69871]	*	4.83	*	*	*	1	2	SDNTVTWLAAWTESVQNSIKYIM[147]LNPC[330]SK	1
TOP1_HUMAN (P11387) DNA topoisomerase 1 (EC 5.99.1.2) (DNA topoisomerase I) [MASS=90725]	*	3.79	*	*	*	2	3 1	FLEHKGPVFAPPYEPLPENVK LNDSHKHK	1 1
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	0.00	4.97	1.17	0.00	1	5	2 2 3 3 2	TSSGTSLSAMHSSGSSGKGAGPLR EC[339]SEAMEVETSVISIDSPQK VVAKWSSNGYFYSGK RRSNVSSPATPTASSSSSTTPTR WYKRM[147]AVILSLEQGNR	1 1 1 1 1

TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Reteplase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	*	1.96	*	*	*	1	3	RGARSYQVIC[339]R	2
TPM2_HUMAN (P07951) Tropomyosin beta chain (Tropomyosin 2) (Beta-tropomyosin) [MASS=32851]	*	4.58	*	*	*	1	2	TIDDLEDEVYAQK	1
TR11B_HUMAN (O00300) Tumor necrosis factor receptor superfamily member 11B precursor (Osteoprotegerin) (Osteoclastogenesis inhibitory factor) [MASS=46040]	*	5.24	*	*	*	1	2	SC[330]PPGFGVVQAGTPERN TVC[339]K	1
TR2_HUMAN (P13056) Orphan nuclear receptor TR2 (Testicular receptor 2) [MASS=53042]	0.00	3.11	1.58	0.00	1	1	2	HYGAVTC[339]EGC[339]KGFFK	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	*	1.13	*	*	*	1	1	SGSSDVGR	1
TRFL_HUMAN (P02788) Lactotransferrin precursor (EC 3.4.21.-) (Lactoferrin) (Talaktoferroin alfa) [Contains: Kaliocin-1; Lactoferroxin A; Lactoferroxin B; Lactoferroxin C] [MASS=78181]	0.00	4.23	0.70	0.00	1	1	3	KC[330]NQWSGLSEGSVTC[330]SSASTTEDC[330]IALVLK	1
TRI11_HUMAN (Q96F44) Tripartite motif-containing protein 11 (EC 6.3.2.-) (RING finger protein 92) (Protein BIA1) [MASS=52774]	*	3.63	*	*	*	1	2	C[330]QLPALGLLQDIKDALR	1
TRI29_HUMAN (Q14134) Tripartite motif-containing protein 29 (Ataxia-telangiectasia group D-associated protein) [MASS=65806]	*	5.78	*	*	*	1	3	VWEYSSSIQNSDNDLPVVQGSSSFSLKGYP SLMR	1
TRI37_HUMAN (O94972) Tripartite motif-containing protein 37 (Mulibrey nanism protein) [MASS=107905]	0.00	4.05	2.99	0.00	1	2	2 3	KSAC[339]SDMLLEGGPTTASVR SELISKSS EILMMFQQVHRK	1 1
TRIM1_HUMAN (Q9UJV3) Midline-2 (Midline defect 2) (Tripartite motif-containing protein 1) (Midin-2) (RING finger protein 60) [MASS=81264]	0.00	5.03	1.56	0.00	1	2	3 2	TYRPTTAMSSERIAC[339]QFC[330]EQDPPR IAC[330]QFC[330]EQDPPR	1 1

TRIM9_HUMAN (Q9C026) Tripartite motif-containing protein 9 (RING finger protein 91) [MASS=79177]	0.00	2.96	*	*	*	1	3	APKEATVMC[330]EQC[330]DVFCY[330]DPC[339]R	1
							2	GRRDGEDLDSQGDGSSQPDITISASR	1
							2	APIEDLDLEGQKLLQR	1
							2	EPFPPSSPLQKGGFWSSIPASPASR	1
							3	SKLFTSELGVTEHVEGDPC[330]K	1
TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	0.00	5.00	*	*	*	9	2	DFSLRMEK	1
							1	IVAQGK	1
							3	LVNASVAFYKTSEQVC[330]SVLESLEQEYKR	1
							2	MKAM[147]DVLPIKKEK	2
							2	EAETIPKMK	1
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	*	1.10	*	*	*	1	2	VENMSM[147]RLEEVNEREHSMK	1
TRPV1_HUMAN (Q8NER1) Transient receptor potential cation channel subfamily V member 1 (TrpV1) (osm-9-like TRP channel 1) (OTRPC1) (Vanilloid receptor 1) (Capsaicin receptor) [MASS=94938]	*	1.91	*	*	*	1	3	HDM[147]LLVEPLNRLQDK	1
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	*	1.26	*	*	*	1	2	MYDLLLLKC[339]AR	1
TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SelZ) [MASS=56459]	*	4.96	*	*	*	1	3	C[330]GASYAQVM[147]RTVGIHPTC[330]SEEVVKLR	1
							2	EIHEAGDTPTGVESC[330]SQLVPEAPR	1
TSKS_HUMAN (Q9UJT2) Testis-specific serine kinase substrate (Testis-specific kinase substrate) (STK22 substrate 1) [MASS=65050]	0.22	19.09	0.76	0.00	1	5	2	M[147]KPEEKM[147]ATLDHLHLK	1
							3	RGPDLMSNLDLDR	1
							3	MC[339]SLHDHLSNLPLEGSTGTMTGGSSAGTPPK	1
							3	TIWQSKEIHEAGDTPTGVESC[330]SQLVPEAPRR	1

TSSK6_HUMAN (Q9BXA6) Testis-specific serine/threonine-protein kinase 6 (EC 2.7.11.1) (TSSK-6) (Small serine/threonine kinase) (Serine/threonine-protein kinase SSTK) [MASS=30331]	0.00	20.15	0.64	0.00	1	2	3	YLHDHHLVHRDLKC[339]ENVLLSPDER	1
							3	KYDVWSMGVVLYVM[147]VTGC[330]MPFDDSDIAGLPR	1
TTC15_HUMAN (Q8WVT3) Tetratricopeptide repeat protein 15 (TPR repeat protein 15) [MASS=79361]	*	3.95	*	*	*	1	3	IM[147]VLM[147]NSAFLHLGQNNFAEHRFFTEILR	1
TTC7A_HUMAN (Q9ULT0) Tetratricopeptide repeat protein 7A (TPR repeat protein 7) [MASS=96184]	*	8.51	*	*	*	3	3	EAGFC[330]IQEAAGLFPTSHSVLYMR	1
							3	LHYVEGSYRDAISMYARAGIDDMMSM[147]ENK	1
							2	EALTVNPDGVRIMHSLGLM[147]LSR	1
TXND4_HUMAN (Q9BS26) Thioredoxin domain-containing protein 4 precursor (Endoplasmic reticulum resident protein ERp44) [MASS=46971]	0.97	2.96	1.55	0.00	1	1	2	VDC[339]DQHSDIAQR	1
TXND5_HUMAN (Q8NBS9) Thioredoxin domain-containing protein 5 precursor (Thioredoxin-like protein p46) (Endoplasmic reticulum protein ERp46) [MASS=47629]	0.75	3.70	1.31	0.00	1	1	2	VDC[339]TAHSDVC[339]SAQGVR	1
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	*	8.22	*	*	*	4	2	LIAGKIIPAIATTTAAVVGLVC[339]LELYK	1
							2	QLLHNFPDQLTSSGAPFWSGPKR	1
							1	SLVLQR	1
							3	VGPDTERIYDDDFQNLGVDANLNDVDAR	1
UBE4A_HUMAN (Q14139) Ubiquitin conjugation factor E4 A [MASS=122560]	0.00	3.56	1.04	0.00	1	2	3	IISMLNYFLQHLVGPKM[147]GALK	1
							2	VFC[330]NFQYAPQLAEALIK	1
							3	NDSVIVDTFHGLFK	12
UBP11_HUMAN (P51784) Ubiquitin carboxyl-terminal hydrolase 11 (EC 3.1.2.15) (Ubiquitin thioesterase 11) (Ubiquitin-specific-processing protease 11) (Deubiquitinating enzyme 11) [MASS=105030]	*	4.02	*	*	*	2			
							2	TTSPEEVHAQPYIAIDWEPEMKK	1

UBP18_HUMAN (Q9UMW8) Ubl carboxyl-terminal hydrolase 18 (EC 3.1.2.-) (Ubl thioesterase 18) (ISG15-specific-processing protease) (43 kDa ISG15-specific protease) (hUBP43) [MASS=43011]	0.00	5.38	2.14	0.00	1	1	3	QIC[339]QSILAESSQSPADLEEK	1
UBP37_HUMAN (Q86T82) Ubiquitin carboxyl-terminal hydrolase 37 (EC 3.1.2.15) (Ubiquitin thioesterase 37) (Ubiquitin-specific-processing protease 37) (Deubiquitinating enzyme 37) [MASS=110100]	0.00	5.52	0.81	0.00	1	3	2	LRC[339]NQDYTGWNKPR	1
							3	DAEEMRLFLDAVHQNRLPAAMK	4
							2	SKSSLALC[330]LDSDSEDELK	1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	*	3.84	*	*	*	2	2	RITSFSSLSESWSVDVDFDLDSENLA	1
							2	QVGHQVLEAYAR	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	0.00	10.59	0.12	0.67	3	5	3	SRPSSTSSASALYGQPLLLSVPKHK	1
							2	VEVYLLELKLK[339]ENSDPTNVLSC[330]HFSK	1
							3	WYYFDDSNVSLASEDQIVTKAAYVLFYQR	1
							2	HKLTLLESlyQAVC[330]DR	3
							1	HQQATKK	1
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	17.94	0.84	0.08	3	2	3	C[339]FEKNEAIQAAHDAVAQEGQC[339]R	1
							2	NEAIQAAHDAVAQEGQC[330]R	1
							3	NEAIQAAHDAVAQEGQC[330]R	1

								2	EQC[330]EQLEK	1
								2	SHTEDC[339]TEELFDLHAR	1
								2	SHTEDC[330]TEELFDLHAR	1
								1	DHC[339]VAHK	1
								2	EQC[339]EQLEK	3
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	46.15	1.75	0.06	18	4		2	ERLELC[330]DER	1
								2	ERLELC[339]DER	3
								2	DHC[330]VAHK	3
								2	DHC[339]VAHK	5
UD12_HUMAN (P36509) UDP-glucuronosyltransferase 1-2 precursor (EC 2.4.1.17) (UDP-glucuronosyltransferase 1A2) (UDPGT) (UGT1*2) (UGT1-02) (UGT1.2) (UGT-1B) (UGT1B) (HLUGP4) [MASS=60018]	*	6.42	*	*	*	1	3	KALPM[147]EFEAYINASGEHGIVVFSLGSM[147]VSEIPEK	1	
UFO_HUMAN (P30530) Tyrosine-protein kinase receptor UFO precursor (EC 2.7.10.1) (AXL oncogene) [MASS=97436]	*	4.85	*	*	*	2	3	IAIC[339]TRSELEDFLSEAVC[339]M[147]KEFDHPNVM[147]R	1	
							3	ESFPAPVVILPFM[147]K	2	
UGTAP_HUMAN (Q9HD40) UGA suppressor tRNA-associated protein (tRNA(Ser/Sec)-associated antigenic protein) (SLA/LP autoantigen) (Soluble liver antigen) (SLA) (Liver-pancreas antigen) (LP) (SLA-p35) [MASS=55726]	0.00	10.38	0.85	0.00	1	2	2	QVSGARVVPLGSMQTVSGYTFR	1	
							3	IDQKSC[330]FKSMITAGFEPVVIENVLEGDEL	1	
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	*	7.43	*	*	*	4	3	ASVWSC[330]QGLSLRLQRFFLDK	1	
							3	TPSSQNLLALLARQGVVMTPPRNR	1	
							2	PQNILLSNPAGRRANPNSIR	1	
							3	QLLLALLQRNHKDR	1	
ULK2_HUMAN (Q8IYT8) Serine/threonine-protein kinase ULK2 (EC 2.7.11.1) (Unc-51-like kinase 2) [MASS=112726]	0.00	4.92	0.89	0.00	1	2	2	KSC[339]PVPVPM[147]YSGSVSGSSC[339]GSSPSC[339]R	1	
							2	PGSC[330]SPVPADTAQTVGRRLSTGSSR	1	

Protein Name	Score	Length	Score	Length	Score	Length	Score	Length	Score	Length	Score	Length
UN13B_HUMAN (O14795) Unc-13 homolog B (Munc13-2) (munc13) [MASS=180683]	*	7.54	*	*	*	6	2	VSAEVMWHLFAQDMKYALEEHEK	1	3	IDEC[330]VRQM[147]ADILGQVR	1
							2	WQTAGM[147]FRPFVEVTM[147]VGPHQSDK	1	2	LDLGLSVEVWNKGLIWDTMVGTWVIALK	1
							2	VSAEVMWHLFAQDM[147]K	1	2	VLGLAVM[147]PLRDVTAK	1
UNC5C_HUMAN (O95185) Netrin receptor UNC5C precursor (Unc-5 homolog C) (Unc-5 homolog 3) [MASS=103101]	0.00	2.79	0.23	0.00	1	1	3	NQAAQGQWEDVVVVGEENFTTPC[330]YIK	1	3	NALVSHLDGTTTPVC[339]JEDIGR	2
							2	NALVSHLDGTTTPVC[339]JEDIGR	4			
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	16.04	1.42	0.12	11	4	2	LC[339]TSATESEVAR	1	2	NALVSHLDGTTTPVC[330]JEDIGR	1
							3	YIYDQC[339]PAVAGYGPIQLPDYNR	1	3	YIYDQC[330]PAVAGYGPIQLPDYNR	1
							2	AVELLGDIVQNC[339]SLEDSQIEKER	1	2	ENM[147]AYTVEC[339]LR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	12.80	1.85	0.03	5	4	2	LLTRAGSFSR	1	2	KFVSGQKSMAASGNLGHPTPFVDEL	1
							2	NALANPLYC[330]PDYR	1	2	NALANPLYC[339]PDYR	3
USH2A_HUMAN (O75445) Usherin precursor (Usher syndrome type-2A protein) (Usher syndrome type IIa protein) [MASS=575597]	*	1.92	*	*	*	4	3	M[147]QKISSTELHVEWSPPAELNGIIIRYELYMR	1	3	QVGKGLIHTDTTDR	1
							2	TPLIQYDTSTGLGLVLTTPGKKK	1	3	GKVVGYDINMLSEQSPQQSIPM[147]AFSQLLHTAK	1
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.67	1.99	0.69	0.14	3	1	2	LFPHC[330]GR	3			

VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	11.51	0.17	1.44	3	3	3	FC[330]PFYKTVGMLSNMIAFYDMARR	3
							3	ESTFGYVHGVSGPVVTAC[330]DMAGAAM[147]YELVR	1
							3	FC[330]PFYKTVGMLSNM[147]IAFYDM[147]ARR	1
							3	AVETTAQSDNKITWSIIR	1
							2	IPIFSAAGLPHNEIAAQIC[339]R	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	10.33	*	*	*	3	1	SAIGEGMTR	1
							3	KDHGDVSNQLYAC[330]YAIGKDVQAM[147]K	1
							2	IPIFSAAGLPHNEIAAQIC[330]R	4
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	7.83	0.96	0.13	7	2	3	GPVVLAEFDLIM[147]GQPINPQC[339]R	1
							2	KDHADVSNQLYAC[330]YAIGK	1
							2	YQIDPDAC[339]FSAK	3
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	10.99	2.12	0.03	11	2	2	EHINLGC[330]DM[147]DFDIAGPSIR	1
							1	YQIDPDAC[339]FSAK	2
							2	YQIDPDAC[330]FSAK	2
							2	EHINLGC[339]DM[147]DFDIAGPSIR	2
							3	EHINLGC[339]DM[147]DFDIAGPSIR	1
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	0.99	11.82	1.41	0.00	2	2	2	SC[339]SGVEFSTSGSSNTDTGK	2
							2	SINAGGHKVGSPWSWRLNPAER	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	3.89	1.51	0.00	1	1	2	VC[339]NYGLTFTQK	1

VILI_HUMAN (P09327) Villin-1 [MASS=92563]	*	7.63	*	*	*	3	3	M[147]VDDGSGEVQVWR	1
							3	TEKQVVVEGQEPANFWMALGGKAPYANTK	3
VINC_HUMAN (P18206) Vinculin (Metavinculin) [MASS=123667]	*	3.71	*	*	*	2	2	LQEENLVITPRLFEC[330]SNKTGR	1
							3	EAVKAASDELSKTISPMVMDAK	1
							2	VAM[147]ANIQPQM[147]LVAGATSIAR	1
VIPR2_HUMAN (P41587) Vasoactive intestinal polypeptide receptor 2 precursor (VIP-R-2) (Pituitary adenylate cyclase-activating polypeptide type III receptor) (PACAP type III receptor) (PACAP-R-3) (Helodermin-preferring VIP receptor) [MASS=49478]	0.64	11.87	3.09	0.00	1	2	2	AIYTLGYSVSLMSLATGSIILC[339]LFRK	1
							2	M[147]RTLPPALLTC[330]WLLAPVNSIHEPEC[339]R	1
VN1R4_HUMAN (Q7Z5H5) Vomeronasal type-1 receptor 4 (V1r-like receptor 4) (hGPCR27) [MASS=33557]	0.00	7.31	0.52	0.00	1	1	2	GVSIGTTC[330]LLSVFQVITVSSRK	1
VPS16_HUMAN (Q9H269) Vacuolar protein sorting 16 (hVPS16) [MASS=94693]	0.00	2.15	*	*	*	1	2	STHEFLHEVPAASEEIFK	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	2.67	*	*	*	3	2	M[147]IPARFAGVLLALALILPGTLC[339]AEGTR	1
							3	TVMIDVC[330]TTC[330]RC[339]M[147]VQVGVISGFK	1
							3	VNC[330]TTQPC[330]PTAKAPTC[330]GLC[330]EVARLR	1
WDR69_HUMAN (Q8N136) WD repeat protein 69 [MASS=45777]	0.00	6.75	0.41	0.00	1	1	2	GHTAEIVC[330]LSFNPQSTLVATGSM[147]DTTAK	1
WDR7_HUMAN (Q9Y4E6) WD repeat protein 7 (TGF-beta resistance-associated protein TRAG) (Rabconnectin-3 beta) [MASS=163809]	*	4.03	*	*	*	2	3	MPTDVVDLLVEVMDIIMYC[330]LEGSLVKKK	1
							2	QLANITM[147]GLPLSPAADSARSARHALSLIATAR	1
WNK3_HUMAN (Q9BYP7) Serine/threonine-protein kinase WNK3 (EC 2.7.11.1) (Protein kinase with no lysine 3) (Protein kinase, lysine-deficient 3) [MASS=191788]	0.00	4.48	0.86	0.00	1	4	2	SEHKDVVDGKISEC[339]ASVETK	1
							2	GVPKQGDNFLSFSAAC[330]ETDVSSVTPEK	1
							2	C[339]KAM[147]SGSFQRGR	1
							3	GGQEVKYEQC[330]SKSTSEISK	1
WSB1_HUMAN (Q9Y6I7) WD repeat and SOCS box-containing protein 1 (WSB-1) (SOCS box-containing WD protein SWiP-1) [MASS=47432]	*	4.75	*	*	*	1	2	EIVRLRTIGELLAPAAPFDK	1
XKRY_HUMAN (O14609) Testis-specific XK-related protein, Y-linked [MASS=18083]	0.00	18.24	0.51	0.00	1	1	3	M[147]FIFNSIADDIFPLISC[330]VGAIHC[330]NILAIR	1

XPO1_HUMAN (O14980) Exportin-1 (Exp1) (Chromosome region maintenance 1 protein homolog) [MASS=123385]	0.00	5.98	0.66	0.28	2	3	2	DNKAIIASNIMYIVGQYPRFLR	1
							2	LDINLLDNVNC[330]LYHGEGAQQR	1
							2	RQM[147]SVPGIFNPHEIPEEMC[330]D	1
YLP1_HUMAN (P49750) YLP motif- containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	0.00	0.97	0.87	0.00	1	1	2	GFEVYLAEM[147]SADNQTC[339]GKR	1
Z3H7A_HUMAN (Q8IWR0) Zinc finger CCCH- type domain-containing protein 7A [MASS=110537]	*	4.43	*	*	*	2	2	SGPKLM[147]DFTYHANIDHKC[330]K	1
							3	FPTGYFSIC[339]DRYMNGTC[339]PEGNSC[339]K	1
Z585A_HUMAN (Q6P3V2) Zinc finger protein 585A [MASS=87988]	*	2.34	*	*	*	1	2	HQTTHTGDKPYKC[339]GIC[339]GK	1
ZBTB2_HUMAN (Q8N680) Zinc finger and BTB domain-containing protein 2 [MASS=57336]	0.00	2.33	0.08	0.00	1	1	2	MLFVHQTSEC[330]VR	1
ZBTB9_HUMAN (Q96C00) Zinc finger and BTB domain-containing protein 9 [MASS=50602]	*	7.19	*	*	*	2	2	LKHHLTEHM[147]KTHAGALHAC[330]PHC[339]GR	1
							2	PFGC[330]GIC[330]NKR	1
ZCHC8_HUMAN (Q6NZY4) Zinc finger CCHC domain-containing protein 8 [MASS=78577]	*	8.35	*	*	*	2	2	EYMDAC[339]GEANNQNFQQRHAEVEER	1
							3	LNILTRPSGILVNDTKLDGPILQILFMNNAISK	1
ZDH13_HUMAN (Q8IUH4) Probable palmitoyltransferase ZDHHC13 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 13) (DHHC-13) (Huntingtin-interacting protein 14-related protein) (HIP14-related protein) (Huntingtin-interacting protein HIP3RP) (Putativ [MASS=70888])	0.00	3.70	0.83	0.00	1	1	3	SLHC[330]HVC[330]NC[330]C[330]VARYDQHC[330]LWTGR	1
ZEP1_HUMAN (P15822) Zinc finger protein 40 (Human immunodeficiency virus type I enhancer-binding protein 1) (HIV-EP1) (Major histocompatibility complex-binding protein 1) (MBP-1) (Positive regulatory domain II-binding factor 1) (PRDII-BF1) [MASS=297217]	*	4.20	*	*	*	6	2	SLGSTDSGYFSRSESADQTVSPPTPFARR	1
							3	SSPAPSENTHLSPLK	1
							2	QNGETPGIIAEASK	1
							1	KSPGVK	1
							2	IDFLNKAFLMIPAGLNTLNVP GC[330]HR	1
							3	AEFLMIPAGLNTLNVP GC[339]HREM[147]RR	1
ZFAN1_HUMAN (Q8TCF1) AN1-type zinc finger protein 1 [MASS=30787]	0.00	5.97	0.59	0.00	1	1	2	SRESHGC[330]PEVTVINER	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	*	5.16	*	*	*	1	3	SYAGKQTDEC[330]NEFGKALLYLK	1
ZFP28_HUMAN (Q8NH6) Zinc finger protein 28 homolog (Zfp-28) (Krueppel-like zinc finger factor X6) [MASS=98704]	0.00	5.41	0.99	0.00	1	2	2	AHLAQHQKTHTEKPYEC[330]K	1
							3	AFGDNSSC[339]TQHQLHTGQRPYEC[339]IEC[339]GK	1

ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	*	2.37	*	*	*	1	3	SPREYYVQQEVIVLFC[339]ETVER	1
ZFYV9_HUMAN (O95405) Zinc finger FYVE domain-containing protein 9 (Mothers against decapentaplegic homolog-interacting protein) (Madh-interacting protein) (Smad anchor for receptor activation) (Receptor activation anchor) (hSARA) (Novel serine protease) [MASS=156402]	0.00	1.47	3.53	0.00	1	1	2	GM[147]HAVGQSEIVILLQC[339]LPDEK	1
ZIMP7_HUMAN (Q8NF64) PIAS-like protein Zimp7 [MASS=96536]	0.00	3.04	2.09	0.00	1	1	3	SPFLPDLKPNLNSLHSSPSGSGPC[339]DELRL	1
ZMYM1_HUMAN (Q5SVZ6) Zinc finger MYM-type protein 1 [MASS=128716]	0.00	3.42	0.50	0.00	1	2	3	KGSAQLFC[330]SIPC[330]ITEYISSASSPVPSK	1
ZN141_HUMAN (Q15928) Zinc finger protein 141 [MASS=55249]	*	2.74	*	*	*	1	3	EPYNVKIHKIVAR	1
ZN142_HUMAN (P52746) Zinc finger protein 142 (HA4654) [MASS=187865]	0.00	3.02	1.48	0.00	1	3	2	WKHYLR	1
							2	KHC[339]FDPVPPAGNSSPTEAPK	1
							3	RHPEPAQPAPGSPAETTEGPLHC[339]SR	1
ZN148_HUMAN (Q9UQR1) Zinc finger protein 148 (Zinc finger DNA-binding protein 89) (Transcription factor ZBP-89) [MASS=88976]	0.00	4.79	0.41	0.00	1	3	2	C[330]GGIDEMQSSR	1
							2	PYQC[339]EYC[339]LQYFSRTDR	1
							3	HKRMC[330]HENHDK	1
ZN177_HUMAN (Q13360) Zinc finger protein 177 [MASS=36369]	*	11.84	*	*	*	2	2	EC[330]GKAFTVPSSLQK	1
							2	NLASVGYQLC[330]RHSLISKVDQEQLK	1
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	0.00	2.01	0.53	0.00	1	2	2	HM[147]KTHR	1
							3	RHQTVPSAVSATGETEGGDIC[330]MEEEEHSDR	1
ZN257_HUMAN (Q9Y2Q1) Zinc finger protein 257 (Bone marrow zinc finger 4) (BMZF-4) [MASS=62348]	*	2.43	*	*	*	1	2	C[339]EHENLQLRKGC[339]K	1
ZN273_HUMAN (Q14593) Zinc finger protein 273 (Zinc finger protein HZF9) [MASS=58045]	*	7.34	*	*	*	2	2	GYNGLNQC[330]LTTTQSKIFQC[339]DK	1
							3	C[339]EEC[339]GKA FNQSSTLTR	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	*	7.12	*	*	*	4	2	HLC[330]PVTLDGERSAESPVLVTRITR	1
							2	VRKPEEM[147]M[147]SLTMSSNYGSPSR	1
							3	IRC[330]DDC[330]GFLADGLSGLNVHIAM[147]K	1
							2	SFLC[330]DLC[339]GFAGGTR	1
ZN420_HUMAN (Q8TAQ5) Zinc finger protein 420 [MASS=80246]	0.00	1.74	1.23	0.00	1	1	3	LENC[330]DLEESNSR	1
ZN430_HUMAN (Q9H8G1) Zinc finger protein 430 [MASS=66346]	0.00	7.54	0.43	0.00	1	2	2	NLVFLAGIAVSKPDLITC[330]LEQ GK	1
							2	EASGC[330]PGADRNLVVSFYEK	1

ZN443_HUMAN (Q9Y2A4) Zinc finger protein 443 (Krueppel-type zinc finger protein ZK1) [MASS=77547]	*	4.77	*	*	*	2	3	HM[147]AVQRGDGPYKC[339]K	1
							2	DVMQETIRNLDC[339]VVMKWK	1
ZN446_HUMAN (Q9NWS9) Zinc finger protein 446 [MASS=48957]	*	4.67	*	*	*	1	2	RSLTGPRSYPC[330]EEEC[339]GC[330]SFSWK	1
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	0.00	1.06	1.19	0.00	1	1	2	KPASC[339]VLVSPSNLER	1
ZN502_HUMAN (Q8TBZ5) Zinc finger protein 502 [MASS=62920]	0.00	1.84	0.55	0.00	1	1	2	RETC[330]PGWVVK	1
ZN519_HUMAN (Q8TB69) Zinc finger protein 519 [MASS=63021]	*	3.52	*	*	*	1	2	C[330]EEEC[330]GKAFNRGSYLTQHQR	1
ZN555_HUMAN (Q8NEP9) Zinc finger protein 555 [MASS=73062]	*	6.69	*	*	*	3	3	WPSSLPIHMLHTGEK	1
							3	VFKWPSSLPIHM[147]R	1
							2	AFSHPSSFRGHM[147]R	1
							3	VFSC[339]GSTLETHK	8
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	*	1.66	*	*	*	1			
ZN645_HUMAN (Q8N7E2) Zinc finger protein 645 [MASS=48784]	0.00	2.12	0.30	0.00	1	1	2	RLSPC[330]PPTR	1
ZN680_HUMAN (Q8NEM1) Zinc finger protein 680 [MASS=61741]	*	3.21	*	*	*	1	2	EC[339]GKSFC[330]MLSHLTQHIR	1
							1	NLTSVGK	3
ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	*	8.27	*	*	*	4	2	EC[339]GNAFSFPSEIRRHK	2
							2	VM[147]HSGDGPYKC[339]K	1
							2	RNLSTMREK	1
ZNF43_HUMAN (P17038) Zinc finger protein 43 (Zinc protein HTF6) (Zinc finger protein KOX27) [MASS=93487]	0.00	3.74	0.76	0.00	1	1	3	NVMLENYRNLVFLGIASVSKPDLITC[330]LEQEK	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.24	6.96	1.59	0.00	1	1	3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	2
ZSWM4_HUMAN (Q9H7M6) Zinc finger SWIM domain-containing protein 4 [MASS=110167]	*	1.21	*	*	*	1	3	GLHLLQSGAVDR	1

**Table 8. EAD Mitochondrial Study
Experiment 2**

	A = Protein Score B = Percent Coverage C = XPress H2L Ratio D = XPress Std. Dev.				E = XPress Peptides F = Unique Peptides G = Charge H = Instances					
Description	A	B	C	D	E	F	G	Peptide Sequence	H	
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	0.00	9.41	0.64	0.00	1	1	3	LIC[330]C[330]DILDVLDKHLIPAANTGESK	1	
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	7.72	1.04	0.00	2	1	2 2	ELEAVC[339]QDVLSLLDNYLIK ELEAVC[330]QDVLSLLDNYLIK	1 1	
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	*	6.53	*	*	*	1	3	LAEQAERYDDM[147]AAC[339]M[147]K	1	
2A5E_HUMAN (Q16537) Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform (PP2A, B subunit, B' epsilon isoform) (PP2A, B subunit, B56 epsilon isoform) (PP2A, B subunit, PR61 epsilon isoform) (PP2A, B subunit, R5 epsilon isoform) [MASS=54699]	0.00	8.78	0.58	0.00	1	2	3 3	DPSLTEPVIRGLMKFWPK LQQC[330]C[330]VIFDFM[147]DTLSDLKMKEYK	1 1	
3BP1_HUMAN (Q9Y3L3) SH3 domain-binding protein 1 (3BP-1) [MASS=75713]	*	2.14	*	*	*	1	3	SPPETAAPVEDM[147]ARR	1	
5HT7R_HUMAN (P34969) 5-hydroxytryptamine 7 receptor (5-HT-7) (Serotonin receptor 7) (5-HT-X) (5HT7) [MASS=53555]	0.00	2.09	0.32	0.00	1	1	2	EVEEC[330]ANLSR	1	
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	9.53	1.69	0.04	5	3	2 2 1 2	NLDKEYLPIGGLAEFC[339]K NLDKEYLPIGGLAEFC[330]K VGAFTM[147]VC[330]K TC[339]GFDFTGAVEDISK	2 1 1 1	
ACL7A_HUMAN (Q9Y615) Actin-like protein 7A (Actin-like-7-alpha) (Actin-like 7A) [MASS=48644]	0.00	5.06	4.72	0.00	1	1	3	RDLMGNILLC[339]GGSTMLSGFPNR	1	

ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	*	2.05	*	*	*	1	3	AITKSFARIHETNLK	1
ACOT1_HUMAN (Q86TX2) Acyl-coenzyme A thioesterase 1 (EC 3.1.2.2) (Acyl-CoA thioesterase 1) (Inducible cytosolic acyl-coenzyme A thioester hydrolase) (Long chain acyl-CoA thioester hydrolase) (Long chain acyl-CoA hydrolase) (CTE-I) (CTE-Ib) [MASS=46277]	*	4.28	*	*	*	1	2	GLAPEQPVTLRASLRDEK	1
ACSL4_HUMAN (O60488) Long-chain-fatty-acid--CoA ligase 4 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 4) (LACS 4) [MASS=79188]	0.00	3.23	18.25	0.00	1	1	3	GDC[339]TVLKPTLM[147]AAVPEIMDRIYK	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	0.00	13.07	0.92	0.00	1	2	3 3	C[339]PEALFQPSFLGMESC[339]GIHETTFNSIM[147]K DLYANTVLSGGTTM[147]YPGIADR	1 1
ACTZ_HUMAN (P61163) Alpha-centractin (Centractin) (Centrosome-associated actin homolog) (Actin-RPV) (ARP1) [MASS=42613]	*	1.33	*	*	*	1	1	PKHVR	1
ADA18_HUMAN (Q9Y3Q7) ADAM 18 precursor (A disintegrin and metalloproteinase domain 18) (Transmembrane metalloproteinase-like, disintegrin-like, and cysteine-rich protein III) (tMDC III) [MASS=82856]	0.00	3.38	0.38	0.00	1	2	2 3	VHLMGYNC[339]NATTKC[339]K RNEISKSC[330]NR	1 1
ADA22_HUMAN (Q9P0K1) ADAM 22 precursor (A disintegrin and metalloproteinase domain 22) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 2) (Metalloproteinase-disintegrin ADAM22-3) [MASS=100432]	*	2.98	*	*	*	1	3	FTQC[339]NIEEYHDFLNSGGGAC[339]LFNKPSK	1
ADCY5_HUMAN (O95622) Adenylate cyclase type 5 (EC 4.6.1.1) (Adenylate cyclase type V) (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5) (Fragment) [MASS=100876]	*	0.89	*	*	*	1	2	YSKQVDDR	1

ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenyl cyclase) [MASS=130615]	*	2.83	*	*	*	2	3 2	IGLNM[147]GPVVAGVIGAR LLNEIADFDEIISEER	1 1
ADCY8_HUMAN (P40145) Adenylate cyclase type 8 (EC 4.6.1.1) (Adenylate cyclase type VIII) (ATP pyrophosphate-lyase 8) (Ca(2+)/calmodulin-activated adenyl cyclase) [MASS=140121]	0.00	1.92	1.56	0.00	1	1	3	IKTIGSTYMAVSGLSPEKQQC[339]EDK	1
ADIPO_HUMAN (Q15848) Adiponectin precursor (Adipocyte, C1q and collagen domain-containing protein) (30 kDa adipocyte complement-related protein) (Adipocyte complement-related 30 kDa protein) (ACRP30) (Adipose most abundant gene transcript 1) (apM-1) (Gel [MASS=26413])	*	2.87	*	*	*	1	1	DGTPGEK	1
ADO_HUMAN (Q06278) Aldehyde oxidase (EC 1.2.3.1) [MASS=147930]	0.00	4.78	1.13	0.00	1	4	1 3 3 1	VGGAFFGK LIGRHWNEQMLDIAC[339]R HWNEQMLDIAC[330]RLILNEVSLLGSAPGGKVEFK DLLEFKFK	1 1 1 1
ADRO_HUMAN (P22570) NADPH:adrenodoxin oxidoreductase, mitochondrial precursor (EC 1.18.1.2) (Adrenodoxin reductase) (AR) (Ferrodoxin reductase) (Ferrodoxin--NADP(+) reductase) [MASS=53836]	*	2.24	*	*	*	1	2	HPQAHVDIYEK	1
							2	EFHGLGDC[339]IIK	3
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	12.79	1.83	0.03	9	2	2 2 1 3 3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR EFHGLGDC[330]IIK EFHGLGDC[330]IIK YFAGNLASGGAAGATSLC[339]FVYPLDFAR YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2 1 1 1 1

ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.33	2.69	2.60	0.00	1	1	1	GLGDC[330]LVK	1
							2	GLGDC[339]LVK	1
AKA11_HUMAN (Q9UKA4) A-kinase anchor protein 11 (Protein kinase A-anchoring protein 11) (PRKA11) (A kinase anchor protein 220 kDa) (AKAP 220) (hAKAP220) [MASS=210511]	*	0.37	*	*	*	1	1	QRAFSLK	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	0.00	1.36	0.29	0.00	1	4	3	EHYVAVQLLKEEC[330]GTLK	1
							3	QHMAQMEEMKTRHK	1
							2	ARQTIAEQESK	1
							3	ELLSRQKEAMK	1
AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	*	1.25	*	*	*	1	1	DGATM[147]K	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	0.89	2.13	1.81	0.00	1	1	2	LLC[339]GGGIAADR	1
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.32	7.71	*	*	*	1	3	YASIC[330]QQNGIVPIVEPEILPDGDHDLKR	1
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	0.32	3.03	0.84	0.00	1	1	2	AEVNGLAAQGK	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	0.00	1.82	1.69	0.00	1	4	2	AELFGHGR	1
							3	SDTTVESSHSGSNDIAIPDFPAQVLGTR	1
							3	SEPEGC[339]SGTIGNKIIIPM[147]MTVIK	1
							3	QSQKLPVDFERSFQEEK	1
ALU8_HUMAN (P39195) Alu subfamily SX sequence contamination warning entry [MASS=64492]	0.49	2.03	0.80	0.00	1	1	2	AC[339]NPSYSGGXGR	1

AMOL1_HUMAN (Q8IY63) Angiomotin-like protein 1 [MASS=106573]	*	1.05	*	*	*	1	1	HPAAKGTAEK	1
ANAG_HUMAN (P54802) Alpha-N-acetylglucosaminidase precursor (EC 3.2.1.50) (N-acetyl-alpha-glucosaminidase) (NAG) [Contains: Alpha-N-acetylglucosaminidase 82 kDa form; Alpha-N-acetylglucosaminidase 77 kDa form] [MASS=82166]	*	1.21	*	*	*	1	1	VFPQVNVTK	1
ANFY1_HUMAN (Q9P2R3) Ankyrin repeat and FYVE domain-containing protein 1 (Ankyrin repeats hooked to a zinc finger motif) [MASS=128398]	*	1.03	*	*	*	2	1 1	HLMLLR EIPIIK	1 1
ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	*	0.64	*	*	*	3	2 1 2	GRSKLPIR TFGSSAHK HQPVSTAGK	1 1 1
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	0.00	1.61	0.96	0.00	1	3	2 1 3	EDSAFDEYC[330]NK NNTIAPK GLDDDTPLHDAANNGHYKVVKLLLR	1 1 1
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.21	1.33	2.32	0.00	1	1	1	IC[339]ELYAK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta large) [MASS=104606]	*	1.16	*	*	*	1	2	MDRQM[147]FLATWK	1
AP2A1_HUMAN (O95782) AP-2 complex subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote) [MASS=107554]	*	1.23	*	*	*	1	2	FKGDKALDGYSK	1

AP2A2_HUMAN (O94973) AP-2 complex subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote [MASS=103960]	0.63	1.81	0.70	0.00	1	1	2	TVFEALQAPAC[330]HENLVK	1
AP2M1_HUMAN (Q96CW1) AP-2 complex subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654]	*	3.91	*	*	*	1	2	ESQISAEIELLPTNDKK	1
APMAP_HUMAN (Q9HDC9) Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480]	*	6.49	*	*	*	1	3	LFENQLVGPESIAHIGDVMFTGTADGR	1
AQP9_HUMAN (O43315) Aquaporin-9 (AQP-9) (Small solute channel 1) [MASS=31401]	0.00	12.20	4.00	0.00	1	1	3	NLGAPRGLEPIAIGLLIIVASSLGLNSGC[339]AM[147]NPAR	1
ARF6_HUMAN (P62330) ADP-ribosylation factor 6 [MASS=19951]	0.00	11.49	*	*	*	1	3	QDLPDAMKPHEIQEKLGLTR	1
ARI1B_HUMAN (Q8NFD5) AT-rich interactive domain-containing protein 1B (ARID domain-containing protein 1B) (Osa homolog 2) (hOsa2) (p250R) (BRG1-binding protein hELD/OSA1) (BRG1-associated factor 250b) (BAF250B) [MASS=236122]	*	0.45	*	*	*	1	2	VYELGNEPER	1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	0.22	1.31	0.69	0.00	1	2	2 2	RGSRLNVFR FLKMRGMEILGNLC[330]K	1 1
ARMX2_HUMAN (Q7L311) Armadillo repeat-containing X-linked protein 2 (Protein ALEX2) (ARM protein lost in epithelial cancers on chromosome X 2) [MASS=65683]	*	2.69	*	*	*	1	3	PFPYEIDEILGVRDLRK	1

ARMX3_HUMAN (Q9UH62) Armadillo repeat-containing X-linked protein 3 (Protein ALEX3) (ARM protein lost in epithelial cancers on chromosome X 3) [MASS=42500]	0.00	4.49	1.77	0.00	1	1	3	RLKVYMNQVC[339]DDTITSR	1
ASB10_HUMAN (Q8WXI3) Ankyrin repeat and SOCS box protein 10 (ASB-10) [MASS=46609]	0.00	5.36	*	*	*	1	3	RGAC[330]PDARNAEGWTPLLAAC[339]DVR	1
AT131_HUMAN (Q9HD20) Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) [MASS=132954]	0.00	3.90	0.42	0.00	1	3	1 DPSRNR	1	
							2 LIPHVQVFARVAPK	1	
							3 C[330]IVDEAMLTGESVPQM[147]KEPIEDLSPDR	1	
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	4.74	0.59	0.14	6	4	2 VLGFC[339]HYYPPEEQFPK	1	
							2 VLGFC[330]HYYPPEEQFPK	1	
							1 C[330]IELSSGSVK	1	
							2 C[330]STILLQGK	1	
							2 SPDC[330]THDNPLETR	2	
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	0.45	4.29	0.54	0.00	1	1	2 YNPNVLPVQC[330]TGK	1	
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	*	1.34	*	*	*	1	2 KSM[147]SVYC[339]TPNKPSR	1	
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	0.00	4.22	0.88	0.00	1	3	2 C[330]LALATRDAPPRK	1	
							1 VEPAHK	1	
							3 M[147]NVFDTDLQALSRVERAGAC[330]NTVIK	1	
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.42	1.11	0.77	0.00	1	1	2 TEC[330]ALLGLLLDLKR	1	

AT2C1_HUMAN (P98194) Calcium-transporting ATPase type 2C member 1 (EC 3.6.3.8) (ATPase 2C1) (ATP-dependent Ca(2+) pump PMR1) [MASS=100577]	*	1.52	*	*	*	1	2	MMQAEAEAPKTPLQK	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	*	2.34	*	*	*	1	1	C[339]IADLK	1
ATF6B_HUMAN (Q99941) Cyclic AMP-dependent transcription factor ATF-6 beta (Activating transcription factor 6 beta) (ATF6-beta) (cAMP-responsive element-binding protein-like 1) (cAMP response element-binding protein-related protein) (Creb-rp) (Protein G13) [MASS=76709]	*	1.00	*	*	*	1	1	RENAALR	1
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	*	14.00	*	*	*	1	1	YSQIC[339]AK	1
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	2.09	0.00	2	1	2 2	GLC[339]GAIHSSIAK GLC[330]GAIHSSIAK	1 1
ATRIP_HUMAN (Q8WXE1) ATR-interacting protein (ATM and Rad3-related-interacting protein) [MASS=85837]	*	1.52	*	*	*	1	3	LAENTSC[330]DFLPR	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	0.00	0.90	6.65	0.00	1	1	3	TRPVTGLVPC[339]K	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	0.00	1.42	1.46	0.00	1	1	2	AC[330]APGERPNFLGIR	1
B4GT7_HUMAN (Q9UBV7) Beta-1,4-galactosyltransferase 7 (EC 2.4.1.-) (Beta-1,4-GalTase 7) (Beta4Gal-T7) (b4Gal-T7) (UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 7) (UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 7) [Includes: X [MASS=37406]	0.00	4.28	0.80	0.00	1	1	2	LC[330]NGM[147]SNRFGWGWR	1

BPA1_HUMAN (Q03001) Bullous pemphigoid antigen 1 isoforms 1/2/3/4/5/8 (230 kDa bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=372207]	*	0.31	*	*	*	1	3	DYELQTM TYR	1
BPAEB_HUMAN (Q8W XK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	0.00	0.78	0.45	0.00	1	1	3	QNM C[330]KDLIDPC[330]TSEK VSLIDMVQR	1
BPIL1_HUMAN (Q8N4F0) Bactericidal/permeability-increasing protein-like 1 precursor (Long palate, lung and nasal epithelium carcinoma-associated protein 2) (RYSR) [MASS=49172]	0.45	4.37	*	*	*	1	3	LIPEVARQFPEPM[147]PVVLKVR	1
BRAP_HUMAN (Q7Z569) BRCA1-associated protein (EC 6.3.2.-) (BRAP2) (Impedes mitogenic signal propagation) (IMP) (RING finger protein 52) (NY-REN-63 antigen) [MASS=67290]	0.00	2.36	11.95	0.00	1	1	3	C[339]LRANQVLLQNKLK	1
BRCA1_HUMAN (P38398) Breast cancer type 1 susceptibility protein (RING finger protein 53) [MASS=207720]	*	1.07	*	*	*	2	3 2	GLIHGC[339]SKDNR YFLGIAGGK	1 1
BRSK1_HUMAN (Q8TDC3) BR serine/threonine-protein kinase 1 (EC 2.7.11.1) (SAD1 kinase) (SAD1A) [MASS=86753]	*	1.01	*	*	*	1	1	NDVDPPRK	1
BRWD1_HUMAN (Q9NSI6) Bromodomain and WD repeat domain-containing protein 1 (WD repeat protein 9) [MASS=262918]	0.23	2.24	*	*	*	2	3 3	IMLSAGHDGSIFIWDITKGTK TAYLGTHKTSAGISSGVTSGDSSDSAESSER	1 1
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	*	0.57	*	*	*	1	1	HKADVVK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	*	0.97	*	*	*	3	3 1	GYM[147]TPASPAGSER PPSAPAGGGQLPAAGAAR ATPAELR	2 1 1
BUB3_HUMAN (O43684) Mitotic checkpoint protein BUB3 [MASS=37155]	0.00	5.79	*	*	*	1	3	FSPNTSQFLLVSSWDTSVR	1

C163A_HUMAN (Q86VB7) Scavenger receptor cysteine-rich type 1 protein M130 precursor (CD163 antigen) (Hemoglobin scavenger receptor) [Contains: Soluble CD163 (sCD163)] [MASS=125436]	*	1.56	*	*	*	1	2	LRGGGSRC[330]AGTVEVEIQR	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	0.75	7.69	1.45	0.00	1	1	2	SLC[339]LGPALIHAK	1
							3	C[330]PSSLSNSRTHK	7
C8AP2_HUMAN (Q9UKL3) CASP8-associated protein 2 (FLICE-associated huge protein) [MASS=222656]	0.00	0.96	0.07	4.29	2	2			
							1	TESKSSK	4
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	*	0.92	*	*	*	1	1	LLKPAVVGIK	1
CAD23_HUMAN (Q9H251) Cadherin-23 precursor (Otocadherin) [MASS=369522]	*	0.18	*	*	*	1	1	STPLHK	1
CALD1_HUMAN (Q05682) Caldesmon (CDM) [MASS=93249]	0.00	1.77	*	*	*	1	3	PAASDLPVPAEGVR	1
CAN3_HUMAN (P20807) Calpain-3 (EC 3.4.22.-) (Calpain L3) (Calpain p94) (Calcium-activated neutral proteinase 3) (CANP 3) (Muscle-specific calcium-activated neutral protease 3) (nCL-1) [MASS=94253]	*	1.34	*	*	*	1	2	DAPSDMYKIMK	1

CASR_HUMAN (P41180) Extracellular calcium-sensing receptor precursor (CaSR) (Parathyroid Cell calcium-sensing receptor) [MASS=120673]	0.00	2.32	1.19	0.00	1	1	3	KSVHNGFAKEFWEEETFNC[339]HLQEGAK	1
CC038_HUMAN (Q5JPI3) Uncharacterized protein C3orf38 [MASS=37541]	*	4.56	*	*	*	1	3	TEDIHLFQQQVKEDK	1
CCAR1_HUMAN (Q8IX12) Cell division cycle and apoptosis regulator protein 1 (Cell cycle and apoptosis regulatory protein 1) (CARP-1) (Death inducer with SAP domain) [MASS=132820]	0.00	2.00	*	*	*	1	3	TDEDEKILNLENSNKSLSGELR	2
CCND1_HUMAN (P24385) G1/S-specific cyclin-D1 (PRAD1 oncogene) (BCL-1 oncogene) [MASS=33729]	0.00	4.75	1.11	0.00	1	1	2	HAQTFVALC[339]ATDVK	1
CCNL2_HUMAN (Q96S94) Cyclin-L2 (Paneth cell-enhanced expression protein) [MASS=58147]	0.00	2.88	0.77	0.00	1	1	2	VVGC[330]ELIQAAGILLR	1
CD2L5_HUMAN (Q14004) Cell division cycle 2-like protein kinase 5 (EC 2.7.11.22) (CDC2-related protein kinase 5) (Cholinesterase-related cell division controller) [MASS=164922]	*	1.19	*	*	*	2	3 1	QMGM[147]TDDVSTIK RRAGGR	1 1
CD38_HUMAN (P28907) ADP-ribosyl cyclase 1 (EC 3.2.2.5) (Cyclic ADP-ribose hydrolase 1) (cADPr hydrolase 1) (Lymphocyte differentiation antigen CD38) (T10) (Acute lymphoblastic leukemia cells antigen CD38) [MASS=34328]	0.00	5.00	3.71	0.00	1	1	3	HPC[339]NITEEDYQPLMK	1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.76	6.78	0.55	0.00	1	1	2	NNLC[330]PSGSNIISNLFK	1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	*	3.08	*	*	*	1	1	SC[330]PDAIK	1
CDAN1_HUMAN (Q8IWY9) Codanin-1 [MASS=133996]	*	1.88	*	*	*	1	3	WIARSTQGSEVTAGEAAVSSLR	1

CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.83	5.76	0.81	0.00	1	1	2	C[339]VVVG DGAVGK	1
CE152_HUMAN (O94986) Centrosomal protein of 152 kDa (Cep152 protein) [MASS=147344]	0.00	1.65	2.27	0.00	1	1	3	EMAIM[147]IEEQKC[339]TIQQNLEQEK	1
CEA20_HUMAN (Q6UY09) Carcinoembryonic antigen-related cell adhesion molecule 20 precursor [MASS=64502]	0.00	3.59	*	*	*	1	3	ARSEPLELTINYGPDQVHITR	1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	0.00	2.57	0.66	0.00	1	1	3	LM[147]C[330]ELGNDVINRVYEANVEK	1
CEND1_HUMAN (Q8WZ64) Centaurin-delta 1 (Cnt-d1) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 2) (PARX protein) [MASS=193422]	0.00	0.76	*	*	*	1	3	IKEEPSKILSGNK	5
CENPE_HUMAN (Q02224) Centromeric protein E (CENP-E protein) [MASS=312088]	*	0.49	*	*	*	1	2	DQFIATLREM[147]IAR	1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitotin) (AH antigen) [MASS=367592]	0.00	1.09	0.65	0.00	1	2	2	TNQEHAALAEANSK	1
CEP35_HUMAN (Q5VT06) Centrosome-associated protein 350 (Centrosome-associated protein of 350 kDa) [MASS=350928]	0.00	1.51	*	*	*	4	3	C[330]EETGNAYEDLSQKYKAAQEK	1
CEP41_HUMAN (Q9BYV8) Centrosomal protein of 41 kDa (Cep41 protein) (Testis-specific gene A14 protein) [MASS=41368]	0.00	4.56	*	*	*	1	1	KELEDQR	1
CFTR_HUMAN (P13569) Cystic fibrosis transmembrane conductance regulator (CFTR) (cAMP-dependent chloride channel) (ATP-binding cassette transporter sub-family C member 7) [MASS=168172]	0.00	1.42	*	*	*	1	3	SYQLYGK	1
CG036_HUMAN (Q9NRH1) Protein C7orf36 [MASS=25299]	0.00	4.42	0.18	0.00	1	1	2	ELNATSRILDM[147]SDGKVGESSK	1
							2	DDFEVSSLLSLR	1
							3	SAQNLPGGGPASHSNPR	1
								RRQSVLNLM[147]THSVNQGNIIHR	1
								LC[330]ENNAEFNK	1

CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	11.69	1.48	0.04	4	4	2	C[339]EFQDAYVLLSEK	2
							3	ALMLQGVDLLADAVAVTMGPK	1
							2	AAVEEGIVLGGGC[339]ALLR	1
							2	C[339]IPALDSLTPANEDQK	1
							3	MGNLVIPLGKGRAGR	10
CI079_HUMAN (Q6ZUB1) Protein C9orf79 [MASS=157135]	0.00	1.04	*	*	*	1			
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	*	0.50	*	*	*	1	1	FAELPEFR	1
							1	LPC[339]VAAK	3
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.00	6.87	2.06	0.00	1	3	2	HLPNDPM[147]FKLVAQLYK	1
							1	GFSIPEC[339]QK	1
							1	LPC[330]VAAK	1
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	0.62	10.19	1.38	0.00	1	1	2	KFPFC[339]DGAHTK	1
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	0.00	2.48	2.83	0.00	1	3	3	DGHGIC[339]VISRQHM[147]NTM[147]IK	1
							3	GNLELRPGGAHPGTC[330]SPSR	1
							2	PSRSLGNM[147]YR	1
CLC11_HUMAN (Q9Y240) C-type lectin domain family 11 member A precursor (Stem cell growth factor) (Lymphocyte secreted C-type lectin) (p47) (C-type lectin superfamily member 3) [MASS=35694]	0.00	7.74	1.59	0.00	1	1	3	DFEAQAAAQARC[339]TARGGSLAQPADR	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	*	1.77	*	*	*	2	2	FLQM[147]ARKK	1
							3	C[339]NEPAVWSQLAQQLQKDLVK	1

CLK4_HUMAN (Q9HAZ1) Dual specificity protein kinase CLK4 (EC 2.7.12.1) (CDC-like kinase 4) [MASS=57492]	0.40	1.87	1.88	0.00	1	1	2	THC[339]PDWDSR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	4.42	1.48	0.07	5	2	2	DIPFSAIYFPVYAHK[339]K	2
							2	AGQTTYSGVIDC[339]FR	1
							2	DIPFSAIYFPVYAHK[330]K	2
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	*	1.62	*	*	*	1	3	MPFTLHLRSR	1
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	4.04	0.97	0.03	2	2	1	FC[339]DYGK	1
							1	FC[330]DYGK	1
							2	RPPGVLHC[330]TTK	1
CNGB1_HUMAN (Q14028) Cyclic nucleotide-gated cation channel 4 (CNG channel 4) (CNG-4) (CNG4) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=102284]	*	1.54	*	*	*	1	3	LIDPDVTSDEESPK	1
CNTP2_HUMAN (Q9UHC6) Contactin-associated protein-like 2 precursor (Cell recognition molecule Caspr2) [MASS=148166]	*	2.93	*	*	*	2	3	NWKPYHQDGNIAWAFPGNINSDGVVR	1
							3	TLTPWGVFLENMGK	1
CO039_HUMAN (Q6ZRI6) Uncharacterized protein C15orf39 [MASS=110788]	0.37	2.87	1.02	0.00	1	1	3	AEAAAGEESC[339]GASPTPATASPPGPTLKAR	1
CO2A1_HUMAN (P02458) Collagen alpha-1(II) chain precursor [Contains: Chondrocalcin] [MASS=134491]	*	0.78	*	*	*	1	2	GARGDSGPPGR	1
CO6A1_HUMAN (P12109) Collagen alpha-1(VI) chain precursor [MASS=108547]	0.00	5.25	1.37	0.00	1	2	3	RLLLFSDGNSQGATPAAIEKAVQEAQR	1
							3	GEMGYPLPGC[339]KGSPGFDGIQGP GPK	1
CO7_HUMAN (P10643) Complement component C7 precursor [MASS=93518]	0.00	2.61	*	*	*	1	3	SFFRSSSSSSRSYTSHTNEIHK	1
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	0.74	26.98	1.26	0.00	1	1	2	M[147]C[339]LYFGSAFATPFLVVR	1
CP045_HUMAN (Q96MC5) Uncharacterized protein C16orf45 [MASS=23732]	*	7.84	*	*	*	1	3	FM[147]M[147]DDIQLC[330]KDIM[147]DLK	1
CP135_HUMAN (Q66GS9) Centrosomal protein of 135 kDa (Cep135 protein) (Centrosomal protein 4) [MASS=133503]	0.00	3.42	0.61	0.00	1	3	2	GELESAQAQIKILEEK	1
							1	SREIAFK	1
							2	TIEHLTC[330]VNHQLESEK	1

CP27B_HUMAN (O15528) 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial precursor (EC 1.14.13.13) (Cytochrome P450 subfamily XXVIIIB polypeptide 1) (Cytochrome p450 27B1) (Calcidiol 1-monooxygenase) (25-OHD-1 alpha-hydroxylase) (25-hydroxyvitamin D(3) [MASS=56504]	*	2.56	*	*	*	1	3	QRGRGTGPPALVR	1
CQ10B_HUMAN (Q9H8M1) Protein COQ10 B, mitochondrial precursor [MASS=27070]	*	5.88	*	*	*	1	2	TGHTALRRVSGC[339]R	1
CR2_HUMAN (P20023) Complement receptor type 2 precursor (Cr2) (Complement C3d receptor) (Epstein-Barr virus receptor) (EBV receptor) (CD21 antigen) [MASS=112973]	0.00	5.13	2.41	0.00	1	2	2	SDSKGHGSWSGSPQC[330]LRSPPVTR	1
							3	TGTWSGPAPRC[339]ELSTSAVQC[339]PHPQILRGR	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	0.41	11.03	1.79	0.00	1	2	3	C[339]KDDEFTHLYTLIVRPDNTYEVK	1
							3	PEDWDEEMDGEWEPPVIQNPEYK	1
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	*	8.92	*	*	*	1	3	TVVPVTKHRGYLGVMPAYSAEDALTTK	1
CS015_HUMAN (Q6ZRH7) Uncharacterized protein C19orf15 precursor [MASS=133043]	*	1.12	*	*	*	1	3	AEPKEAVERQLM[147]T	1
CSMD3_HUMAN (Q7Z407) CUB and sushi domain-containing protein 3 precursor (CUB and sushi multiple domains protein 3) [MASS=401695]	0.00	1.17	0.31	0.00	1	3	3	QPMTLTVTSFNASTGR	1
							3	STVRYAC[330]DTGYILHGSEER	1
							2	GFKLFPGK	2
CSN5_HUMAN (Q92905) COP9 signalosome complex subunit 5 (EC 3.4.-.-) (Signalosome subunit 5) (SGN5) (Jun activation domain-binding protein 1) [MASS=37447]	0.00	12.61	*	*	*	2	3	M[147]VM[147]HARSGGNLEVMGLMLGK	1
							3	LEQSEAQLGRGSFMLGLETHDR	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	*	0.38	*	*	*	1	3	KSATVIPEIEGIK	1
CT032_HUMAN (Q9NQ75) HEF-like protein [MASS=87144]	0.00	3.44	7.88	0.00	1	1	3	PC[339]PPFLRGLLEEAPASSEETYQVPTLPR	1

CT2NL_HUMAN (Q9P2B4) CTTNBP2 N-terminal-like protein [MASS=70158]	0.00	1.25	2.53	0.00	1	1	3	QC[339]KNM[147]QER	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	*	1.28	*	*	*	1	2	SPQMVSAIVR	1
CTRO_HUMAN (O14578) Citron Rho-interacting kinase (EC 2.7.11.1) (CRIK) (Rho-interacting, serine/threonine-protein kinase 21) [MASS=231430]	*	1.78	*	*	*	3	2 3 2	SLEQRIVELSEANK LLGNSLLKLEGDDR MHHNIPHR	1 1 1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	*	1.61	*	*	*	2	3 1	PFRVLISLLDKPEIGPQVVGNLFLEVIR PVDLLGATK	1 1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	0.25	7.03	2.54	0.00	1	1	3	AALLFVSSVC[339]IGLALTLC[339]ALVIRESC[339]AKDFR	1
CUBN_HUMAN (O60494) Cubilin precursor (Intrinsic factor-cobalamin receptor) (Intrinsic factor-vitamin B12 receptor) (460 kDa receptor) (Intestinal intrinsic factor receptor) [MASS=398724]	*	0.22	*	*	*	1	1	DGETLLGK	1
CV106_HUMAN (Q6P0N0) Protein C14orf106 (P243) [MASS=129085]	0.00	1.50	0.27	0.00	1	1	2	VIEQRC[330]MRYNLSAGTIK	1
CX038_HUMAN (Q8TB03) Protein CXorf38 [MASS=36670]	0.38	2.82	1.14	0.00	1	1	3	LDSLCL[339]LHQK	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	6.15	1.58	0.06	2	2	1 2	DVC[339]TFLR HLVGVC[339]YTEDEAK	1 1
CYTN_HUMAN (P01037) Cystatin SN precursor (Salivary cystatin SA-1) (Cystatin SA-I) [MASS=16362]	*	4.26	*	*	*	1	1	SLVKSR	1
DCX_HUMAN (O43602) Neuronal migration protein doublecortin (Lissencephalin-X) (Lis-X) (Dublin) [MASS=44925]	0.00	4.73	1.25	0.00	1	1	3	FRYAQDDFSLDENEC[339]RVM[147]K	1
							3	ILPQDVILKFR	6
DDX27_HUMAN (Q96GQ7) Probable ATP-dependent RNA helicase DDX27 (EC 3.6.1.-) (DEAD box protein 27) [MASS=89835]	0.00	1.38	*	*	*	1			
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	0.00	7.38	*	*	*	2	3 1	GSSKWM[147]ARTGVFLASAFFHEYLVSVPLR AKAASAGK	1 2

DGKB_HUMAN (Q9Y6T7) Diacylglycerol kinase beta (EC 2.7.1.107) (Diglyceride kinase beta) (DGK-beta) (DAG kinase beta) (90 kDa diacylglycerol kinase) [MASS=90595]	0.00	2.61	0.60	0.00	1	1	3	RNTDVM[147]HHYWVEGNC[330]PTKC[330]DK	1
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	*	1.38	*	*	*	1	2	QVSQTRFYVAESR	1
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	5.02	1.44	0.07	3	2	2	IIKPC[339]NHVLSLSFPIR	1
							2	C[339]AVVDVPFGGAK	2
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	6.78	1.20	0.03	2	2	3	HVNGQDQIVPGLYAC[339]GEAAC[339]ASVHGANK	1
							2	AAFGLSEAGFNTAC[339]VTK	1
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	0.66	3.93	1.75	0.00	1	1	2	C[339]GPM[147]VLDALIK	1
DIDO1_HUMAN (Q9BTC0) Death-inducer obliterator 1 (DIO-1) (Death-associated transcription factor 1) (DATF-1) (hDido1) [MASS=243871]	*	2.19	*	*	*	5	1	NLVPPK	1
							1	ISSVHK	1
							2	TKLHNESK	1
							2	SVMESRTKLHNESK	1
							2	PNILGLVIC[330]QKIKR	1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	*	0.80	*	*	*	1	3	LLGSASSEDIWR	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	4.91	1.16	0.05	2	2	2	VC[330]HAHPTLSEAFR	1
							2	NFQRILQKQGFK	1
							2	VC[339]HAHPTLSEAFR	1
DLG2_HUMAN (Q15700) Discs large homolog 2 (Postsynaptic density protein PSD-93) (Channel-associated protein of synapse-110) (Chapsyn-110) [MASS=97542]	*	1.38	*	*	*	1	3	IIDGGAAQKDGR	1

DLG3_HUMAN (Q92796) Discs large homolog 3 (Synapse-associated protein 102) (SAP102) (Neuroendocrine-DLG) (XLMR) [MASS=90343]	0.69	2.57	1.58	0.00	1	1	3	IIPGGAAAMDGRLGVNDC[339]VLR	1
DLG5_HUMAN (Q8TDM6) Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) [MASS=202085]	0.00	1.00	1.56	0.00	1	2	1 2	LIM[147]SER SC[339]QDSLTLSELLK	1 1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	0.26	*	*	*	1	1	SLAYWVMK	1
DNL3_HUMAN (P49916) DNA ligase 3 (EC 6.5.1.1) (DNA ligase III) (Polydeoxyribonucleotide synthase [ATP] 3) [MASS=102690]	*	1.74	*	*	*	1	3	VLHNAQEVEKEPGQRR	1
DOCK7_HUMAN (Q96N67) Dedicator of cytokinesis protein 7 [MASS=174363]	*	0.78	*	*	*	1	2	IANM[147]FELSVPFR	1
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	0.00	0.54	0.95	0.00	1	1	2	LRLC[330]FKEFIMR	1
DOCK9_HUMAN (Q9BZ29) Dedicator of cytokinesis protein 9 (Cdc42 guanine nucleotide exchange factor zizimin 1) [MASS=236444]	0.00	2.17	*	*	*	2	3 3	GSVLLAKPKLIEPLDYENVIVQK QM[147]LATTSPALM[147]NGSGQSPSVLK	1 1
DPCA2_HUMAN (Q86SG4) Dresden prostate carcinoma 2 protein (D-PCa-2) [MASS=20403]	0.00	13.37	1.80	0.00	1	2	2 3	M[147]EPWAMR AEQC[339]EEEEAM[147]TPRPTK	1 1
DPOD1_HUMAN (P28340) DNA polymerase delta catalytic subunit (EC 2.7.7.7) (DNA polymerase subunit delta p125) [MASS=123630]	0.00	3.07	4.99	0.00	1	2	2 2	LAVYC[339]LKDAYLPLRLLER IAPLRVLSFDIEC[330]AGR	1 1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	8.22	0.58	0.05	5	3	2 2 2 2	AITIANQTNC[330]PLYITK FQLTDC[330]QIYEVLSVIR FQLTDC[339]QIYEVLSVIR GLYDGPVC[330]EVSVTPK	1 2 1 1
DSCAM_HUMAN (O60469) Down syndrome cell adhesion molecule precursor (CHD2) [MASS=222258]	1.00	1.49	*	*	*	2	3 2	VMNMAVPKAHRPGDLIHLPPYLR M[147]DFFLLNR	1 1
DSCL1_HUMAN (Q8TD84) Down syndrome cell adhesion molecule-like protein 1 precursor (Down syndrome cell adhesion molecule 2) [MASS=224461]	0.00	1.51	*	*	*	2	3 2	GYQIGYRENSPGSNGQYSIVEM[147]K NITAVAGR	1 1

DSCR2_HUMAN (O95456) Down syndrome critical region protein 2 (Leucine-rich protein C21-LRP) [MASS=32854]	0.39	3.47	2.57	0.00	1	1	2	NM[147]QITILTC[330]R	1
DYH11_HUMAN (Q96DT5) Ciliary dynein heavy chain 11 (Axonemal beta dynein heavy chain 11) [MASS=520977]	*	0.40	*	*	*	2	2 2	MSAQMNR FFMARVRLQLK	1 1
DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	*	0.69	*	*	*	3	3 1 3	C[330]LGSLFSM[147]LHQAC[339]R DQLGTAK YGTQRVISFIR	1 1 1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	0.96	1.62	0.84	0.00	1	1	2	C[330]VDM[147]VISELISTVR	1
DYSF_HUMAN (O75923) Dysferlin (Dystrophy-associated fer-1-like protein) (Fer-1-like protein 1) [MASS=237293]	*	0.58	*	*	*	1	3	SLRTDALLGEFR	1
E2AK1_HUMAN (Q9BQ13) Eukaryotic translation initiation factor 2-alpha kinase 1 (EC 2.7.11.1) (Heme-regulated eukaryotic initiation factor eIF-2-alpha kinase) (Heme-regulated inhibitor) (Heme-controlled repressor) (HCR) (Hemin-sensitive initiation factor) [MASS=71106]	0.00	2.22	0.36	0.00	1	1	2	IGDFGLAC[330]TDILQK	1
E2F1_HUMAN (Q01094) Transcription factor E2F1 (E2F-1) (Retinoblastoma-binding protein 3) (RBBP-3) (PRB-binding protein E2F-1) (PBR3) (Retinoblastoma-associated protein 1) (RBAP-1) [MASS=46920]	*	1.60	*	*	*	1	1	SPGEKSR	1
E41L1_HUMAN (Q9H4G0) Band 4.1-like protein 1 (Neuronal protein 4.1) (4.1N) [MASS=98502]	*	2.04	*	*	*	1	3	EAKLQHPDM[147]LVTKAVVYR	1
E41L3_HUMAN (Q9Y2J2) Band 4.1-like protein 3 (4.1B) (Differentially expressed in adenocarcinoma of the lung protein 1) (DAL-1) [MASS=120677]	*	1.20	*	*	*	1	3	AQELEKTQDDL[M147]K	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	*	5.75	*	*	*	1	3	VLVAPPPDEEANATSAVVSLNETVTEVPEETK	1

ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	*	1.44	*	*	*	1	2	C[339]LAPM[147]MSEVIR	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	12.07	1.88	0.04	3	2	2 ALNALC[339]DGLIDELNQALK 2 IC[339]PVETLVEEAIQC[339]AEK	1 2	
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBFE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoil-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	0.00	4.16	0.26	0.00	1	2	3 LC[330]NKPIQSLPNMDSIFSEALLKMR 1 GFSAPR	1 4	
EDN1_HUMAN (P05305) Endothelin-1 precursor (Preproendothelin-1) (PPET1) [Contains: Endothelin-1 (ET-1); Big endothelin-1] [MASS=24425]	0.00	4.25	1.96	0.00	1	1	3 KC[330]IYQQLVR	1	
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.66	8.66	1.04	0.00	1	2	3 DGNASGTTLLEALDC[339]ILPPTRPDKPLR 2 DM[147]RQTVAVGVK	1 1	
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	*	1.51	*	*	*	1	1 VETGILR	1	
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	*	3.10	*	*	*	1	3 LLDVADTYIPVPR	1	
ENK8_HUMAN (Q9HDB8) HERV-K_3q12.3 provirus ancestral Env polyprotein (Envelope polyprotein) (HERV-K(II) envelope protein) [Includes: Truncated surface protein (SU)] [MASS=27904]	0.00	7.76	0.99	0.00	1	1	2 C[339]PAKPEEEGM[147]M[147]INISIVYR	1	

ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	0.99	4.85	0.64	0.00	1	2	1 2	QRYLGK VNQIGSVTEAIQAC[330]K	1 1
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	0.00	5.45	*	*	*	1	3	DVREPPALKYGIVLDAGSSHTSM[147]FIYK	1
ENP3_HUMAN (O75355) Ectonucleoside triphosphate diphosphohydrolase 3 (EC 3.6.1.5) (NTPDase3) (Ecto-ATP diphosphohydrolase) (ATPDase) (Ecto-apyrase) (CD39 antigen-like 3) (HB6) [MASS=59133]	*	2.46	*	*	*	1	3	HSEHAFDHAVDSD	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	*	1.93	*	*	*	1	3	C[339]PPHSYSVWEGATSC[330]TC[339]DR	1
EPHB1_HUMAN (P54762) Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH-2) (NET) (HEK6) (ELK) [MASS=109885]	0.00	3.25	1.28	0.00	1	2	3 3	ARTVAGYGKFSGK LYC[339]NGDGEWM[147]VPIGRC[339]TC[339]K	1 1
ERN2_HUMAN (Q76MJ5) Serine/threonine-protein kinase/endoribonuclease IRE2 precursor (Inositol-requiring protein 2) (hIRE2p) (IRE1b) (Ire1-beta) (Endoplasmic reticulum-to-nucleus signaling 2) [Includes: Serine/threonine-protein kinase (EC 2.7.11.1); Endor [MASS=102250]	0.00	5.84	0.11	0.00	1	2	3 3	SC[330]ASESLFLPYPPDSEAR ALVHTGVALVPRGLTLAPTDGPTTDEVTLQVSGER	1 1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	*	5.97	*	*	*	1	3	WPYAGTAEAIKALGAK	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.00	5.67	1.66	0.00	1	3	1 3 2	GSDFER FDLRANC[339]EPQTYGIGLK LQINQNC[339]VHC[339]K	1 1 1

ETS1_HUMAN (P14921) C-ets-1 protein (p54) [MASS=50408]	0.00	3.63	1.71	0.00	1	1	2	SC[339]QSFISWTGDGWEFK	1
EVI2B_HUMAN (P34910) EVI2B protein precursor (Ecotropic viral integration site 2B protein) [MASS=48682]	0.00	3.79	3.58	0.00	1	1	3	SPFADGETPDIC[339]MDNIR	1
F102B_HUMAN (Q5T8I3) Protein FAM102B [MASS=35629]	0.00	14.29	*	*	*	3	3	RC[339]LLEGYDTK	1
							2	VGSGAYEQVVIKR	1
							3	AYAKLGFADLNLAEFAGSGNTTRR	1
F13B_HUMAN (P05160) Coagulation factor XIII B chain precursor (Protein-glutamine gamma-glutamyltransferase B chain) (Transglutaminase B chain) (Fibrin-stabilizing factor B subunit) [MASS=75491]	0.00	2.42	1.50	0.00	1	1	3	YEGKVLHGDLDIFVC[339]K	1
F264_HUMAN (Q16877) 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4 (6PF-2-K/Fru-2,6-P2ASE testis-type isozyme) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] [MASS=53908]	0.00	3.85	0.82	0.00	1	1	2	C[330]LLAYFLDKAAEQLPYLK	1
FA20A_HUMAN (Q96MK3) Protein FAM20A precursor [MASS=61404]	0.00	5.18	*	*	*	1	3	ASSLARDSAAAAADPGTIVHNFSTRTEPR	1
FA5_HUMAN (P12259) Coagulation factor V precursor (Activated protein C cofactor) [Contains: Coagulation factor V heavy chain; Coagulation factor V light chain] [MASS=251670]	*	1.03	*	*	*	2	2	PWEDLPSQDTGSPSR	1
							2	HTVNPNMK	1
FAAA_HUMAN (P16930) Fumarylacetoacetase (EC 3.7.1.2) (Fumarylacetoacetate hydrolase) (Beta-diketonase) (FAA) [MASS=46374]	0.00	6.21	*	*	*	1	3	LLDMELEMAFFVGPNGNRLGEPIISK	1
FAAH_HUMAN (O00519) Fatty-acid amide hydrolase (EC 3.1.-.-) (Oleamide hydrolase) (Anandamide amidohydrolase) [MASS=63065]	0.00	4.32	0.77	0.00	1	2	2	LSAFLSNM[147]K	2
							2	GDFVDPC[330]LGDLVSILK	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	*	1.17	*	*	*	2	2	NELGRNEDFM[147]K	1
							2	SKNELGRNEDFMK	1

FARP2_HUMAN (O94887) FERM, RhoGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) [MASS=119888]	*	0.76	*	*	*	1	2	LLDQPKPK	1
FBLN2_HUMAN (P98095) Fibulin-2 precursor [MASS=126543]	*	0.51	*	*	*	1	1	AVLEPR	3
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	*	0.77	*	*	*	2	3 3	HGQC[339]INTDGSYR M[147]IPSLC[339]THGK	1 2
FBW1A_HUMAN (Q9Y297) F-box/WD repeat protein 1A (F-box and WD repeats protein beta-TrCP) (E3RSIkappaB) (pIkappaBalpha-E3 receptor subunit) [MASS=68866]	0.00	8.10	0.44	0.00	1	3	3 1 3	IIQDIETIESNWRC[330]GR DFITALPAR FM[147]C[339]SM[147]PRSLWLGC[330]SSLADSMPSLR	1 1 1
FBX25_HUMAN (Q8TCJ0) F-box only protein 25 [MASS=43312]	*	1.91	*	*	*	1	1	HLILSEK	1
FBX5_HUMAN (Q9UKT4) F-box only protein 5 (Early mitotic inhibitor 1) [MASS=50146]	0.00	3.36	1.88	0.00	1	1	2	MKC[339]DFNC[339]NHVHSGLK	1
FCN3_HUMAN (O75636) Ficolin-3 precursor (Collagen/fibrinogen domain-containing protein 3) (Collagen/fibrinogen domain-containing lectin 3 p35) (Hakata antigen) [MASS=32903]	*	5.35	*	*	*	1	2	SNLNTRYAVSEAAAHK	1
FGD2_HUMAN (Q7Z6J4) FYVE, RhoGEF and PH domain-containing protein 2 (Zinc finger FYVE domain-containing protein 4) [MASS=74892]	0.00	4.43	*	*	*	1	3	AAAQGPEGDIQEELQSEELGLRAPQWVR	1
FGD3_HUMAN (Q5JSP0) FYVE, RhoGEF and PH domain-containing protein 3 (Zinc finger FYVE domain-containing protein 5) [MASS=79400]	0.00	2.34	6.82	0.00	1	1	3	TIPLPSC[339]KLSVPDPEER	1
FGF19_HUMAN (O95750) Fibroblast growth factor 19 precursor (FGF-19) [MASS=24002]	0.00	11.57	*	*	*	1	3	NRGFLPLSHFLPMLPM[147]VPEEPEDLR	1
FHL2_HUMAN (Q14192) Four and a half LIM domains protein 2 (FHL-2) (Skeletal muscle LIM-protein 3) (SLIM 3) (LIM-domain protein DRAL) [MASS=32196]	0.00	2.87	0.18	0.00	1	1	2	C[330]SLSLVGR	1

FKB10_HUMAN (Q96AY3) FK506-binding protein 10 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (Rotamase) (65 kDa FK506-binding protein) (FKBP65) (Immunophilin FKBP65) [MASS=64245]	*	3.09	*	*	*	1	2	AQVSEGKGRMLMPGQDPEK	1
FLNC_HUMAN (Q14315) Filamin-C (Gamma-filamin) (Filamin-2) (Protein FLNc) (Actin-binding-like protein) (ABP-L) (ABP-280-like protein) [MASS=290957]	0.00	1.50	2.50	0.00	1	2	3 3	FTVETRAGAGTGGLGLAIEGPSEAKMSC[339]K YGGPQHIVGSPFK	1 1
FOLC_HUMAN (Q05932) Folylpolyglutamate synthase, mitochondrial precursor (EC 6.3.2.17) (Folylpoly-gamma-glutamate synthetase) (FPGS) (Tetrahydrofolate synthase) (Tetrahydrofolylpolyglutamate synthase) [MASS=64609]	0.00	3.58	2.79	0.00	1	1	3	LYHRLEETKDGSC[339]VSMPPYFR	1
FOXN4_HUMAN (Q96NZ1) Forkhead box protein N4 [MASS=55214]	0.00	2.90	*	*	*	1	3	MIESDTSSIMSGIIR	1
FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	*	0.71	*	*	*	1	2	M[147]LSLVLMHKPLRHGPM[147]PK	1
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	*	0.69	*	*	*	1	3	GFLFTVADLQAGVVR	1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	0.00	1.63	0.17	0.00	1	1	3	WPYLC[330]LRR	2
FVT1_HUMAN (Q06136) 3-ketodihydrosphingosine reductase precursor (EC 1.1.1.102) (3-dehydrosphinganine reductase) (KDS reductase) (Follicular variant translocation protein 1) (FVT-1) [MASS=36187]	0.00	5.42	2.02	0.00	1	1	2	LGPVDMLVNC[339]AGMAVSGK	1

FXL13_HUMAN (Q8NEE6) F-box/LRR-repeat protein 13 (F-box and leucine-rich repeat protein 13) [MASS=83941]	*	1.63	*	*	*	1	1	ITDSAMEMLSAK	1
FXL16_HUMAN (Q8N461) F-box/LRR-repeat protein 16 (F-box and leucine-rich repeat protein 16) [MASS=51641]	*	5.43	*	*	*	1	3	AM[147]SLKRSTITDAGLEVMLEQM[147]QGVVR	1
FYV1_HUMAN (Q9Y2I7) FYVE finger-containing phosphoinositide kinase (EC 2.7.1.68) (1-phosphatidylinositol-4-phosphate 5-kinase) (Phosphatidylinositol-3-phosphate 5-kinase type III) (PIP5K) (PtdIns(4)P-5-kinase) (PIKfyve) (p235) [MASS=237107]	*	0.38	*	*	*	1	2	KTYSLAFK	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	0.33	8.68	0.84	0.00	1	2	2 3	VPTANVSVVDLTC[330]R VIPELNGKLTGM[147]AFR	1 1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	0.95	2.80	1.62	0.00	1	1	2	GTFC[339]SFDTPDDSI	1
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	3.83	0.55	0.09	5	1	2	ELAGHTGYLSC[339]C[339]R ELAGHTGYLSC[330]C[330]R	2 3
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	0.67	40.00	0.90	0.00	1	1	3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPF	1
GBP4_HUMAN (Q96PP9) Guanylate-binding protein 4 [MASS=73123]	*	2.50	*	*	*	1	3	ALTAGEKAIAAERAMK	1
GBRT_HUMAN (Q9UN88) Gamma-aminobutyric-acid receptor theta subunit precursor (GABA(A) receptor) [MASS=72021]	*	2.85	*	*	*	2	1 2	VIARYR ILDRVLSRYDVR	1 1
GCF_HUMAN (P16383) GC-rich sequence DNA-binding factor (GCF) (Transcription factor 9) (TCF-9) [MASS=91001]	*	1.15	*	*	*	1	1	YVQDVKSSK	1

GCM2_HUMAN (O75603) Chorion-specific transcription factor GCMb (Glial cells missing homolog 2) (GCM motif protein 2) (hGCMb) [MASS=56609]	*	3.56	*	*	*	1	2	VSYQAYQPPAM[147]KYSDSVR	1
							2	YVSAQPLAGR	12
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	*	3.77	*	*	*	2			
							3	VFSKLMSVC[339]VM[147]FTNC[330]MQKFTQSM[147]K	1
GCST_HUMAN (P48728) Aminomethyltransferase, mitochondrial precursor (EC 2.1.2.10) (Glycine cleavage system T protein) (GCVT) [MASS=43946]	*	2.23	*	*	*	1	1	AAMDFPGAK	1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	11.46	1.22	0.02	2	2	2	GVNEDTYSGILDC[339]AR	1
							2	LINGGIAGLIGVTC[330]VFPIDLAK	1
GLPK3_HUMAN (Q14409) Glycerol kinase, testis specific 1 (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase) (Glycerokinase) (GK) [MASS=60569]	0.83	4.88	1.53	0.00	1	2	2	C[339]VFSDHGLTTVAYK	1
							3	GIIC[330]GLTQFTNK	1
GLRB_HUMAN (P48167) Glycine receptor beta chain precursor (Glycine receptor 58 kDa subunit) [MASS=56122]	0.00	4.43	1.66	0.00	1	1	3	LSITLSC[339]PLDLTLFPMDTQRC[339]K	1
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	5.68	1.56	0.03	3	3	2	C[339]VQSNIVLLTQAFR	1
							2	C[330]VQSNIVLLTQAFR	1
							3	M[147]M[147]RLRGSGM[147]LR	1
							2	VPFC[339]LQSC[339]VKPLK	1

GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	*	5.37	*	*	*	1	3	QMKIIHEDGYSEEEEC[330]RQYR	1
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	*	2.27	*	*	*	1	1	MVC[330]DVVSR	1
GNRP_HUMAN (Q13972) Guanine nucleotide-releasing protein (GNRP) (Ras-specific nucleotide exchange factor CDC25) (Ras-specific guanine nucleotide-releasing factor) [MASS=145382]	0.00	2.98	*	*	*	2	3 3	VIGFLEEVMDPELLTQER PSGLYLLEGEC[330]VC[339]DRAPSPK	1 1
GGB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macrogolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	*	0.68	*	*	*	2	3 2	NGVHRKSDPEELR KLQAALINR	2 1
GOPC_HUMAN (Q9HD26) Golgi-associated PDZ and coiled-coil motif-containing protein (PDZ protein interacting specifically with TC10) (PIST) (CFTR-associated ligand) (Fused in glioblastoma) [MASS=50520]	0.00	6.93	2.97	0.00	1	2	2 3	AKLSGPSVEELER C[339]GGLHVGDAILAVNGVNLR	1 1
GOR_HUMAN (Q8IX06) Exonuclease GOR (EC 3.1.-.-) (Antigen GOR) (RNA exonuclease 1 homolog-like) [MASS=35139]	0.00	7.86	0.61	0.00	1	2	3 3	C[339]VRDQLC[330]YYHWGR HRSVSPAALAC[330]P	1 1
GP124_HUMAN (Q96PE1) Probable G-protein coupled receptor 124 precursor (Tumor endothelial marker 5) [MASS=141961]	*	1.35	*	*	*	1	3	YDDVTLM[147]GAEVASGGC[339]M[147]K	1
GP162_HUMAN (Q16538) Probable G-protein coupled receptor 162 (Gene-rich cluster gene A protein) [MASS=63930]	*	1.87	*	*	*	1	3	MWMVRWPVNYR	1
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	*	2.95	*	*	*	1	3	QDVHSRGLC[339]S	3
GPX1_HUMAN (P07203) Glutathione peroxidase 1 (EC 1.11.1.9) (GSHPx-1) (GPx-1) (Cellular glutathione peroxidase) [MASS=21899]	0.37	7.96	1.13	0.00	1	1	2	C[339]EVNGAGAHPLFAFLR	1

GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	*	1.36	*	*	*	1	3	GYGIGMPVGSVFR	2
GRIPE_HUMAN (Q6GYQ0) GTPase-activating Rap/Ran-GAP domain-like 1 (GAP-related-interacting partner to E12) (GRIPE) (Tuberin-like protein 1) [MASS=229830]	*	1.03	*	*	*	2	2 2	IIVRDLGK LRSGNASTM[147]TRR	1 1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	*	5.15	*	*	*	2	3 1	TIAPC[339]QKAM[147]QDAEVSKSDIGEVLVGGMTR MEEFK	1 1
HBP1_HUMAN (O60381) HMG box-containing protein 1 (HMG box transcription factor 1) (High mobility group box transcription factor 1) [MASS=57645]	*	3.11	*	*	*	1	2	RASLSC[330]GGPGGQDFAR	1
HCFC1_HUMAN (P51610) Host cell factor (HCF) (HCF-1) (C1 factor) (VP16 accessory protein) (VCAF) (CFF) [Contains: HCF N-terminal chain 1; HCF N-terminal chain 2; HCF N-terminal chain 3; HCF N-terminal chain 4; HCF N-terminal chain 5; HCF N-terminal chain	0.00	1.38	*	*	*	2	3 2	M[147]ASAVSPANLPVLLQPRWK PM[147]SSPEMK	1 2
HCN4_HUMAN (Q9Y3Q4) Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4 [MASS=129041]	0.00	1.91	*	*	*	1	3	QPEPPSLVAGASGGASPVGFTPR	1
HDA10_HUMAN (Q969S8) Histone deacetylase 10 (HD10) [MASS=71444]	0.00	3.59	1.11	0.00	1	1	3	EELQALSGQFDAIYFHPSTFHC[339]AR	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	*	0.35	*	*	*	1	3	FHVGDWM[147]GTIR	1
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	0.00	1.07	0.66	0.00	1	1	3	NSHC[330]AQTVSSVFKGISVNAEQVR	1
HEAT3_HUMAN (Q7Z4Q2) HEAT repeat-containing protein 3 [MASS=74582]	*	4.26	*	*	*	1	3	SQAEIINALLKILSEVLGMDAGEM[147]VIQMK	1

							3	GILEPHGGRSDMDR	3
HEPH_HUMAN (Q9BQS7) Hephaestin precursor (EC 1.-.-.-) [MASS=130448]	0.00	4.32	1.51	0.00	1	4	2	QRYQAAR	1
							3	SGPGPNDSAC[339]VSWIYYSAVDPIK	1
							1	IGGTYS	1
HEXB_HUMAN (P07686) Beta-hexosaminidase beta chain precursor (EC 3.2.1.52) (N-acetyl-beta-glucosaminidase) (Beta-N-acetylhexosaminidase) (Hexosaminidase B) (Cervical cancer proto-oncogene 7) (HCC-7) [Contains: Beta-hexosaminidase beta-B chain; Beta-hexos [MASS=63111]	0.00	4.68	1.76	0.00	1	2	2	AKLAPGTIVEVWK	1
							2	C[339]WESNPKIQDFMR	1
HHAT_HUMAN (Q5VTY9) Protein-cysteine N-palmitoyltransferase HHAT (EC 2.3.1.-) (Hedgehog acyltransferase) (Skinny hedgehog protein 1) (Melanoma antigen recognized by T-cells 2) (MART-2) [MASS=57313]	0.00	2.23	*	*	*	1	3	QM[147]QQQEHDLSLK	2
HHCM_HUMAN (Q05877) Hepatocellular carcinoma protein HHCM (HHC(M)) [MASS=52150]	*	4.93	*	*	*	1	3	EGGVKATGLFLSTSSHVMTPETR	1
HINT2_HUMAN (Q9BX68) Histidine triad nucleotide-binding protein 2 (EC 3.-.-.-) (HINT-2) (HINT-3) (HIT-17kDa) (PKCI-1-related HIT protein) [MASS=17162]	*	7.98	*	*	*	1	3	AVAATGVRGGQVR	1
HIP1R_HUMAN (O75146) Huntingtin-interacting protein 1-related protein (Hip1-related) (Hip 12) [MASS=119387]	*	1.87	*	*	*	1	3	YIAQLKSQVNALEGELEEQR	1
HNRLH_HUMAN (Q8WVV9) Heterogeneous nuclear ribonucleoprotein L-like (Stromal RNA-regulating factor) (BLOCK24 protein) [MASS=60083]	0.00	4.98	2.10	0.00	1	1	3	FGTIC[339]YVMMPFKRQALVEFENIDSAK	1
HNRPK_HUMAN (P61978) Heterogeneous nuclear ribonucleoprotein K (hnRNP K) (Transformation up-regulated nuclear protein) (TUNP) [MASS=50976]	*	2.16	*	*	*	1	2	RGPPPPPPGR	2
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	0.00	3.03	0.17	0.00	1	1	3	KLM[147]SSNSTDLPLNIEC[330]FMNDKDVSGK	1

HS12B_HUMAN (Q96MM6) Heat shock 70 kDa protein 12B [MASS=75687]	*	1.75	*	*	*	1	2	QRGHNVETALRR	1
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	*	1.23	*	*	*	1	2	TDTGEPMGR	1
HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	*	1.87	*	*	*	1	3	KFGDPVVQSDM[147]K	1
HV3T_HUMAN (P01781) Ig heavy chain V-III region GAL [MASS=12730]	0.33	16.38	1.50	0.00	1	1	3	LSC[330]AASGFBFBBLGM[147]TWVR	1
HXA13_HUMAN (P31271) Homeobox protein Hox-A13 (Hox-1J) [MASS=39753]	*	2.32	*	*	*	1	2	MGPPPNAIK	1
							2	AAQLC[339]GAGM[147]AAVVDK	1
							2	C[330]NVSFLLSEDGSGK	1
							2	KLPVGFTFSFPC[339]QQSK	1
							2	ATDC[330]VGHDVVTLLR	1
							2	C[339]NVSFLLSEDGSGK	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	14.83	1.69	0.06	15	8	2	LPVGFTFSFPC[330]QQSK	1
							3	MIAAQLLAYYFTELKDDQVK	1
							2	AILQQLGLNSTC[339]DDSILVK	1
							3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
							2	ATDC[339]VGHDVVTLLR	4
							2	AAQLC[330]GAGMAAVVDK	1
							2	LPVGFTFSFPC[339]QQSK	1
I12R2_HUMAN (Q99665) Interleukin-12 receptor beta-2 chain precursor (IL-12 receptor beta-2) (IL-12R-beta2) [MASS=97135]	*	1.04	*	*	*	1	2	DEGLVLLNR	1
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	0.00	1.40	3.76	0.00	1	1	3	TSPQTLNLC[339]LK	1
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	0.00	1.05	*	*	*	1	1	DRPFKVSİK	1
I5P1_HUMAN (Q14642) Type I inositol-1,4,5-trisphosphate 5-phosphatase (EC 3.1.3.56) (5PTase) [MASS=47819]	0.00	6.55	0.89	0.00	1	1	3	EIYSDTLESTPM[147]LEKEKFPQDYFPEC[330]K	1

ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	*	0.76	*	*	*	1	1	NRSAELR	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	7.65	0.93	0.14	4	2	2	TFDLYANVRPC[339]VSIEGYK	1
							2	C[339]SDFTEEIC[339]R	2
							2	C[330]SDFTEEIC[330]R	1
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	*	2.04	*	*	*	1	2	KKVTAVHK	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	9.07	1.58	0.00	2	3	2	NILGGTVFREPIIC[339]K	1
							2	VC[339]VETVESGAM[147]TK	1
							2	DLAGC[339]IHGLSNVK	1
IL1F8_HUMAN (Q9NZH7) Interleukin-1 family member 8 (IL-1F8) (Interleukin-1 eta) (IL-1 eta) (FIL1 eta) (Interleukin-1 homolog 2) (IL-1H2) [MASS=18521]	0.00	7.32	*	*	*	1	3	KWKSSFQHHHLR	4
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	3.30	*	*	*	2	2	SIQSGPLK	1
							2	PC[330]RRYSTSGSSGLTTGK	1
INT10_HUMAN (Q9NVR2) Integrator complex subunit 10 (Int10) [MASS=82235]	0.00	2.11	1.95	0.00	1	1	3	ILNVVGMRC[339]EWQMDK	1
INVS_HUMAN (Q9Y283) Inversin (Inversion of embryo turning homolog) (Nephrocystin-2) [MASS=117826]	*	1.69	*	*	*	2	1	HTPLFR	1
							3	YTPLDYALLGER	1
IP6K1_HUMAN (Q92551) Inositol hexaphosphate kinase 1 (EC 2.7.4.21) (InsP6 kinase 1) (Inositol hexakisphosphate kinase 1) [MASS=50235]	0.00	6.80	*	*	*	2	3	VC[330]GM[147]QVYQLDTGHYLC[339]R	1
							3	M[147]IDFAHSTFKGFR	1
IQGA2_HUMAN (Q13576) Ras GTPase-activating-like protein IQGAP2 [MASS=180480]	*	1.72	*	*	*	2	3	YDYYNTDSK	1
							2	LPYDVTTEQALTYPEVK	1

IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	0.00	3.02	*	*	*	1	3	VPPC[330]PRNFSAKLC[339]LAGR	1
IRS2_HUMAN (Q9Y4H2) Insulin receptor substrate 2 (IRS-2) [MASS=137333]	0.81	3.81	1.28	0.15	2	3	3	C[339]SSC[339]RVR	1
							3	SHTLSGGC[330]GGRGSKVALLPAGGALQHSR	1
							2	LNC[330]EQPSVTLQLM[147]NIR	1
ISK5_HUMAN (Q9NQ38) Serine protease inhibitor Kazal-type 5 precursor (Lympho-epithelial Kazal-type-related inhibitor) (LEKTI) [Contains: Hemofiltrate peptide HF6478; Hemofiltrate peptide HF7665] [MASS=120758]	*	4.04	*	*	*	3	3	C[330]AMC[339]ASVFKLEEEEEKK	1
							1	REGETR	1
							3	MHGNNLC[330]SM[147]C[330]QAYFQAENEEKK	1
							1	AIVKSGGK	6
ISK6_HUMAN (Q6UWN8) Serine protease inhibitor Kazal-type 6 precursor [MASS=8585]	*	10.00	*	*	*	1			
ITA2_HUMAN (P17301) Integrin alpha-2 precursor (Platelet membrane glycoprotein Ia) (GPIa) (Collagen receptor) (VLA-2 alpha chain) (CD49b antigen) [MASS=129295]	0.00	0.51	9.25	0.00	1	1	2	LC[339]FSAK	1
ITAD_HUMAN (Q13349) Integrin alpha-D precursor (Leukointegrin alpha D) (ADB2) (CD11d antigen) [MASS=126885]	*	1.64	*	*	*	1	3	DPLEYSDVIPQAEKAGIIR	1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	0.00	5.85	1.31	0.00	1	1	3	C[339]WNDNGPAIPVVYDFGDAK	1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.00	2.36	2.38	0.00	1	1	2	AC[339]DEGHC[339]TAK	1
JAD1C_HUMAN (P41229) Jumonji/ARID domain-containing protein 1C (SmcX protein) (Xe169 protein) [MASS=175804]	0.00	1.03	0.93	0.00	1	1	2	EELSHSPEPC[339]TKM[147]TMR	1

							2	NC[339]SVPR	5
JAG2_HUMAN (Q9Y219) Jagged-2 precursor (Jagged2) (HJ2) [MASS=133365]	0.00	1.78	20.45	0.00	1	2			
							2	RADEALPGPAGHA AVR	1
JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	*	1.42	*	*	*	2	3 2	RPPGIC[330]ERPHR SPPRVISR	1 1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	*	1.18	*	*	*	2	2 1	KEGSYSSLSPPTLTPVM[147]PVNAGGK RLSFSK	1 1
JPH2_HUMAN (Q9BR39) Junctophilin-2 (Junctophilin type 2) (JP-2) [MASS=74221]	0.00	3.02	*	*	*	2	1 3	QKAEIAASR RAERTSVGSQR	1 1
							1 2	PSELMPK NLGMVC[339]R	1 14
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	1.21	24.57	0.03	8	2			
							3	LVLIGSNHSLPFLK	4
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	*	1.19	*	*	*	2			
							3	NQSWREALVGDR	1

K0889_HUMAN (O94964) Protein KIAA0889 [MASS=55760]	0.00	6.56	0.12	0.00	1	2	3	SYTAPDKTGIRVYYSPVAR	1
							2	YGIVQEFFRNV[330]GR	1
K1024_HUMAN (Q9UPX6) UPF0258 protein KIAA1024 [MASS=102992]	0.00	4.04	1.13	0.00	1	2	2	FDLSQLAK	1
							3	AKVC[339]KIAALIAAAAC[339]TVILVIVVPIC[339]TM[147]K	1
K1045_HUMAN (Q9UPV7) Protein KIAA1045 [MASS=45191]	*	1.75	*	*	*	1	1	MGVLM[147]SK	1
K1219_HUMAN (Q86X10) Protein KIAA1219 [MASS=166797]	0.00	1.27	*	*	*	2	2	LESDSYSPPHVRR	1
							1	NVESSR	1
K1267_HUMAN (Q7Z3B3) Protein KIAA1267 [MASS=120965]	*	1.27	*	*	*	1	2	SQLMLTRKAEALR	1
K6PP_HUMAN (Q01813) 6-phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	*	3.32	*	*	*	2	1	TTIQR	1
							3	LPLMEC[339]VQM[147]TQDVQKAMDERR	1
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	3.77	0.82	0.00	1	1	3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1
							2	FC[339]TGLTQIETLFK	3
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	6.04	0.75	0.09	7	2	2	FC[330]TGLTQIETLFK	3
							2	GFC[330]LPPHC[330]SR	1
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	9.79	3.26	0.00	1	2	3	LGYILTC[339]PSNLGTGLRAGVHVRIPK	1
							2	LGYILTC[339]PSNLGTGLR	1
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	0.99	5.04	1.14	0.00	1	1	2	SEVELVQLVIDGVNYLIDC[339]ER	1

KEAP1_HUMAN (Q14145) Kelch-like ECH-associated protein 1 (Cytosolic inhibitor of Nrf2) (Kelch-like protein 19) [MASS=69665]	*	3.85	*	*	*	1	3	YQDAPAAQFMAHKVVLASSSPVFK	1
KGUA_HUMAN (Q16774) Guanylate kinase (EC 2.7.4.8) (GMP kinase) [MASS=21594]	0.00	6.12	3.99	0.00	1	1	2	IC[339]VLDVDLQGVR	1
KI2S1_HUMAN (Q14954) Killer cell immunoglobulin-like receptor 2DS1 precursor (MHC class I NK cell receptor Eb6 ActI) (CD158h antigen) [MASS=33646]	0.00	6.91	*	*	*	1	3	VNGTFQANFPLGPATHGGTYR	1
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	*	0.37	*	*	*	1	2	SLVM[147]HTPPVLKK	1
KIF1B_HUMAN (O60333) Kinesin-like protein KIF1B (Klp) [MASS=204431]	*	0.55	*	*	*	1	2	AASTGAKGTR	1
KIF1C_HUMAN (O43896) Kinesin-like protein KIF1C [MASS=123071]	*	0.45	*	*	*	1	1	GMRLK	1
KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase beta) (CaM-kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	*	2.38	*	*	*	2	1	KIFSGK	1
							2	LDHPNVVK	1
KLH23_HUMAN (Q8NBE8) Kelch-like protein 23 [MASS=63923]	0.00	7.71	0.22	0.00	1	2	3	IEC[330]LYNLLSYINIDIPVYLK	1
							3	LYLVGGQTTITEC[339]YDPEQNEW	1
KLK13_HUMAN (Q9UKR3) Kallikrein-13 precursor (EC 3.4.21.-) (Kallikrein-like protein 4) (KLK-L4) [MASS=30570]	0.00	3.97	0.10	0.00	1	1	2	ITDNM[147]LC[330]AGTK	1
KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	0.00	0.32	*	*	*	1	1	KLQGQIK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.63	1.51	0.57	0.00	1	1	1	GIFPVLC[330]K	1

KR106_HUMAN (P60371) Keratin-associated protein 10-6 (Keratin-associated protein 10.6) (High sulfur keratin-associated protein 10.6) (Keratin-associated protein 18-6) (Keratin-associated protein 18.6) [MASS=36782]	*	4.93	*	*	*	1	3	M[147]AASTMSVC[339]SSDLSYGSR	1
KRHB2_HUMAN (Q9NSB4) Keratin, type II cuticular Hb2 (Hair keratin, type II Hb2) [MASS=56683]	0.00	2.92	*	*	*	1	3	SSMTLGAGGSSPSHK	1
KS6A2_HUMAN (Q15349) Ribosomal protein S6 kinase alpha-2 (EC 2.7.11.1) (S6K-alpha 2) (90 kDa ribosomal protein S6 kinase 2) (p90-RSK 2) (Ribosomal S6 kinase 3) (RSK-3) (pp90RSK3) (MAP kinase-activated protein kinase 1c) (MAPKAPK1C) [MASS=83238]	*	1.77	*	*	*	1	3	TMDYLHSQGVVHR	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	*	1.21	*	*	*	1	2	PNLSQIGM[147]GK	1
LAC_HUMAN (P01842) Ig lambda chain C regions [MASS=11236]	*	6.67	*	*	*	1	1	ADSSPVK	1
LARP1_HUMAN (Q6PKG0) La-related protein 1 (La ribonucleoprotein domain family member 1) [MASS=123509]	*	1.82	*	*	*	2	2 2	FWAFLK LGIGQSQEMNTLFR	1 1
LATS1_HUMAN (O95835) Serine/threonine-protein kinase LATS1 (EC 2.7.11.1) (Large tumor suppressor homolog 1) (WARTS protein kinase) (h-warts) [MASS=126869]	*	2.65	*	*	*	1	3	ASHSANSQPSATTVTAITPAPIQQPVKSM[147]R	1
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	*	1.42	*	*	*	1	1	SIMRM[147]K	1
LBH2_HUMAN (P08910) Abhydrolase domain-containing protein 2 (Protein PHPS1-2) [MASS=48315]	*	1.18	*	*	*	1	1	M[147]GRVR	1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	*	3.06	*	*	*	3	1 1 1	MGPRSRER APLIHR LYHTM[147]TR	1 2 1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	*	3.01	*	*	*	1	1	DLNPDIGTDK	1

LDHA_HUMAN (P00338) L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH-A) (LDH muscle subunit) (LDH-M) (Proliferation-inducing gene 19 protein) (NY-REN-59 antigen) [MASS=36557]	*	4.53	*	*	*	1	3	DLADELALVDVIEDK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	0.92	11.19	0.69	0.00	2	1	2	FNAHGDANTIVC[330]NSK	2
							3	TIIIKGYVPPTGK	8
LEG4_HUMAN (P56470) Galectin-4 (Lactose-binding lectin 4) (L-36 lactose-binding protein) (L36LBP) (Antigen NY-CO-27) [MASS=35941]	0.00	4.02	*	*	*	1			
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	1.00	2.84	1.33	0.00	1	1	3	LFEDELTLDNLTRPQLVALC[339]K	1
LGI3_HUMAN (Q8N145) Leucine-rich repeat LGI family member 3 precursor (Leucine-rich glioma-inactivated protein 3) (LGI1-like protein 4) [MASS=61704]	0.00	2.37	*	*	*	1	3	GSLALQPFLVGGR	1
LGI4_HUMAN (Q8N135) Leucine-rich repeat LGI family member 4 precursor (Leucine-rich glioma-inactivated protein 4) (LGI1-like protein 3) [MASS=59141]	0.00	2.61	0.80	0.00	1	1	2	HFQAGGDVFLC[330]LTR	1
LHX3_HUMAN (Q9UBR4) LIM/homeobox protein Lhx3 [MASS=43358]	*	2.27	*	*	*	1	2	SRGGSKSDK	2
LIPA3_HUMAN (O75145) Liprin-alpha-3 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3) (PTPRF-interacting protein alpha-3) [MASS=133495]	*	0.59	*	*	*	1	1	ADGVSVR	1

LOX15_HUMAN (P16050) Arachidonate 15-lipoxygenase (EC 1.13.11.33) (Arachidonate omega-6 lipoxygenase) (15-LOX) [MASS=74673]	0.00	3.78	*	*	*	1	3	WGNWKDGLILNMAGAKLYDLPVDER	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.98	1.89	1.51	0.00	2	2	1 IPENIYR 2 C[339]GAIAEQTPILLFLLR 2 C[330]GAIAEQTPILLFLLR	1 1 1	
LRC47_HUMAN (Q8N1G4) Leucine-rich repeat-containing protein 47 [MASS=63472]	0.00	2.40	*	*	*	1	3	VLHVSENPVPLTVR	1
LRC59_HUMAN (Q96AG4) Leucine-rich repeat-containing protein 59 [MASS=34930]	*	3.26	*	*	*	1	2	PKKEANQAPK	1
LRC8E_HUMAN (Q6NSJ5) Leucine-rich repeat-containing protein 8E [MASS=90277]	*	5.53	*	*	*	2	2 2	EKVLAEPEKVVTEPPVVTLLDK GPAATERAAATIVAMAGTGPGK	1 1
LRP16_HUMAN (Q9BQ69) Protein LRP16 [MASS=35505]	*	5.54	*	*	*	2	1 2	DFVRLK AKITGGYRLPAK	1 1
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	0.00	0.91	*	*	*	3	3 2 1	LYWTDGNTINM[147]ANM[147]DGSNSKILFQNQK PNGSRINR SDHISTR	1 1 1
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	*	0.15	*	*	*	1	2	PKPPSRR	1
LRR7_HUMAN (Q96NW7) Leucine-rich repeat-containing protein 7 (Protein LAP1) (Densin-180) [MASS=172580]	0.00	3.32	*	*	*	2	3 3	MLGPEHGM[147]SSM[147]SRSQSVPMDDDEMLTYGSSK KAGSHIQTLMGSQLQHRSR	1 1
LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	0.00	3.95	1.88	0.00	1	2	1 STSLKVK 3 FMEPDSLFC[339]VDPPEFQGQNVR	2 1	
LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	*	2.07	*	*	*	1	1	HLTPTGR	1
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	0.00	1.00	0.22	0.00	1	1	3	QPC[330]GSNPLPGLTK	2

LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	0.00	2.66	0.56	0.00	1	1	3	TLPELC[330]SPQDELDFLM[147]EALIISK	1
LYAR_HUMAN (Q9NX58) Cell growth-regulating nucleolar protein [MASS=43614]	0.00	2.90	2.08	0.00	1	1	3	IQVEKHVSVC[339]R	1
LYST_HUMAN (Q99698) Lysosomal-trafficking regulator (Beige homolog) [MASS=429136]	0.00	1.71	2.14	0.00	1	4	3	SVIIPLLHAFK	1
							2	WIYMLSSVFQKQFYR	1
							2	TVLHLLSVDVSTAEM[147]M[147]PENLR	1
							3	AQVVHHFLLTC[339]QVLQEYK	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	*	0.95	*	*	*	1	1	VSAAELGGK	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	0.64	*	*	*	2	2	VLEAQANTGGIIDTATGKR	1
							2	LRESPGSEQTPFMTAPEGK	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.95	3.15	1.33	0.00	2	1	2	FGINC[339]LIQFEDFANANAFR	2
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	*	1.18	*	*	*	3	3	DSKEMQFLMQK	1
							2	ALEQKDTALEQK	1
							2	AVLDALLEGK	1
MARCO_HUMAN (Q9UEW3) Macrophage receptor MARCO (Macrophage receptor with collagenous structure) (Scavenger receptor class A member 2) [MASS=52658]	0.00	9.81	*	*	*	2	3	DGATGPSGPQGPPGVKGEAGLQGPQGAPGK	1
							2	GAM[147]GM[147]PGAPGPPGPPAEKGAK	1
MAST1_HUMAN (Q9Y2H9) Microtubule-associated serine/threonine-protein kinase 1 (EC 2.7.11.1) (Syntrophin-associated serine/threonine-protein kinase) [MASS=170676]	*	3.57	*	*	*	4	2	PSTLHGLSPKLHR	1
							3	LISNGAYGAVYLVRRDTR	1
							2	GLQEPAPLAPSVPEAPRGR	1
							1	HRDTR	1
MAST2_HUMAN (Q6P0Q8) Microtubule-associated serine/threonine-protein kinase 2 (EC 2.7.11.1) [MASS=196434]	*	0.33	*	*	*	1	1	MARRSK	2

MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	0.53	*	*	*	1	2	SEVDYGR	1
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	*	2.01	*	*	*	2	1 1	KDGSASAAAK SYSPDGK	1 1
MBD1_HUMAN (Q9UIS9) Methyl-CpG-binding domain protein 1 (Methyl-CpG-binding protein MBD1) (Protein containing methyl-CpG-binding domain 1) [MASS=66607]	*	1.82	*	*	*	1	3	RQVG PQSGEVR	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n) [MASS=61333]	*	3.91	*	*	*	2	3 2	KQLRAQEIAMQNR AQEIAMQNR	1 1
MCLN2_HUMAN (Q8IZK6) Mucolipin-2 [MASS=62684]	0.00	2.04	0.07	0.00	1	1	3	IGLKVC[330]KQHYK	3
MCLN3_HUMAN (Q8TDD5) Mucolipin-3 [MASS=64247]	0.30	2.17	0.76	0.00	1	1	2	KLKFFFMNPC[330]EK	1
MCM5_HUMAN (P33992) DNA replication licensing factor MCM5 (CDC46 homolog) (P1-CDC46) [MASS=82285]	*	0.82	*	*	*	1	1	TGFTFK	1
MDC1_HUMAN (Q14676) Mediator of DNA damage checkpoint protein 1 (Nuclear factor with BRCT domains 1) [MASS=226665]	0.00	0.86	3.33	0.00	1	1	3	EC[330]DPAELEEKVPKVILER	1
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	0.85	14.41	0.91	0.00	1	2	3 2	LGV TANDVKNV I I WGNHSSTQYPDVNHAKVK VIVVGNPANTNC[330]L TASK	1 1

							1	TIPLISQC[339]TPK	1
							2	TIPLISQC[339]TPK	1
							2	SQETEC[339]TYFSTPLLLGK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	31.66	1.94	0.06	10	7	2	GYLGPEQLPDC[339]LK	1
							2	SQETEC[339]TYFSTPLLLGKK	1
							1	PVSAALRR	1
							2	SQETEC[330]TYFSTPLLLGK	2
							2	GC[339]DVVVIPAGVPR	1
							3	GYLGPEQLPDC[330]LKGC[330]DVVVIPAGVPR	1
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	0.33	1.16	0.95	0.00	1	5	3	EFVKISKWNDVSFWSIK	1
							3	AC[330]PTREQLLM[147]NALLYLR	1
							2	KELSPALR	1
							2	VM[147]LDLQSYR	2
							2	LLTEISSWDGC[330]QK	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	0.00	2.11	*	*	*	1	3	ILLLDEATSALDTESEAVVQVALDKAR	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	*	2.69	*	*	*	1	2	ISFPWNEIRNISYS DK	1
MFA3L_HUMAN (O75121) Microfibrillar-associated protein 3-like precursor (Protein kinase NYD-SP9) [MASS=45379]	0.00	2.44	1.32	0.00	1	1	2	LC[339]M[147]M[147]SSHLKK	1
MGA_HUMAN (O43451) Maltase-glucoamylase, intestinal [Includes: Maltase (EC 3.2.1.20) (Alpha-glucosidase); Glucoamylase (EC 3.2.1.3) (Glucan 1,4-alpha-glucosidase)] [MASS=209721]	0.00	1.45	0.29	0.00	1	1	3	SLKFDGMWIDMNEPSSFVNGAVSPGC[330]R	1
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	15.79	1.75	0.03	4	1	3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	4

							1	SLIVPLK	9
MKKS_HUMAN (Q9NPJ1) McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin (Bardet-Biedl syndrome 6 protein) [MASS=62341]	*	1.23	*	*	*	1			
							3	SC[339]SPKMRLDDFWSLK	1
							1	YLDSSVR	1
MKLN1_HUMAN (Q9UL63) Muskelin [MASS=84767]	0.25	4.49	0.09	3.94	2	3	3	LC[330]RPSKDYLLR	3
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.79	4.86	0.94	0.00	1	1	2	FSDEGGFTC[339]FFR	1
MORC2_HUMAN (Q9Y6X9) MORC family CW-type zinc finger 2 (Zinc finger CW-type coiled-coil domain protein 1) [MASS=110724]	*	0.93	*	*	*	1	1	YTSSRFKTR	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD) [MASS=274274]	*	0.60	*	*	*	2	1	SGLSYK	1
							1	GKSSSAQKQ	3
MRCKG_HUMAN (Q6DT37) Serine/threonine-protein kinase MRCK gamma (EC 2.7.11.1) (CDC42-binding protein kinase gamma) (Myotonic dystrophy kinase-related CDC42-binding kinase gamma) (Myotonic dystrophy protein kinase-like alpha) (MRCK gamma) (DMPK-like gamma) [MASS=172517]	*	0.52	*	*	*	1	2	QQRREM[147]LK	1
MSRA_HUMAN (Q9UJ68) Peptide methionine sulfoxide reductase (EC 1.8.4.6) (Protein-methionine-S-oxide reductase) (PMSR) (Peptide Met(O) reductase) [MASS=26132]	0.00	10.21	0.78	0.00	1	1	3	TVEPFPEGTQM[147]AVFGMGCG[330]FWGAER	1

MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	0.00	1.85	0.05	0.00	1	1	2	LC[330]AIC[330]WLYWKK	1
MTMR3_HUMAN (Q13615) Myotubularin-related protein 3 (EC 3.1.3.48) (FYVE domain-containing dual specificity protein phosphatase 1) (FYVE-DSP1) (Zinc finger FYVE domain-containing protein 10) [MASS=133618]	*	1.92	*	*	*	1	2	RKTPEASAIGLHQDPELGDAALR	1
MUTYH_HUMAN (Q9UIF7) A/G-specific adenine DNA glycosylase (EC 3.2.2.-) (MutY homolog) (hMYH) [MASS=60069]	*	1.65	*	*	*	1	1	DVAEVTAFR	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	0.00	1.01	*	*	*	2	3 1	TRTGGLGDPGQGTVALKK SGNAGEAR	1 1
MYBB_HUMAN (P10244) Myb-related protein B (B-Myb) [MASS=78764]	*	1.14	*	*	*	1	2	LMMSTLPK	1
							3 3	GESHWWM[147]KGSTPTQISEIIK SPVRC[339]IATTR	1 8
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	0.00	1.25	17.06	0.00	2	5			
							1 3 2	SSFLFK LDKVVPLKENVK EISLAAASK	1 1 1
MYH10_HUMAN (P35580) Myosin-10 (Myosin heavy chain, nonmuscle IIb) (Nonmuscle myosin heavy chain IIb) (NMMHC II-b) (NMMHC-IIB) (Cellular myosin heavy chain, type B) (Nonmuscle myosin heavy chain-B) (NMMHC-B) [MASS=228937]	*	3.95	*	*	*	7	1 2 2 2 2 1 1	KGMFR VLQQVKAESEHK AKLQELEGA VKSK LKSLEAEILQLQEELASSERAR DEIFAQSKSEK ANARMK AAANKLVR	1 1 1 1 1 1 1
MYH4_HUMAN (Q9Y623) Myosin-4 (Myosin heavy chain, skeletal muscle, fetal) (Myosin heavy chain IIb) (MyHC-IIb) [MASS=223012]	0.00	1.70	*	*	*	2	3 2	LGEAEQLALKGGKK RNHLRVVESH[147]QSTLDAEIR	1 1

MYL4_HUMAN (P12829) Myosin light polypeptide 4 (Myosin light chain 1, embryonic muscle/atrial isoform) (Myosin light chain alkali, GT-1 isoform) [MASS=21433]	0.00	22.96	*	*	*	2	3	MLDFETFLPILQHISRNK	1
							3	IDFTADQIEEFKEAFSLFDRTPTGEMK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	0.00	3.87	2.83	0.00	1	1	3	DQRARMNAAQC[339]LAHPWLNNLAEK	1
MYO15_HUMAN (Q9UKN7) Myosin-15 (Myosin XV) (Unconventional myosin-15) [MASS=395172]	*	0.57	*	*	*	3	2	DGGKVFMK	1
							1	AM[147]LAGR	3
							1	APLEHR	1
MYO1C_HUMAN (O00159) Myosin Ic (Myosin I beta) (MMI-beta) (MMIb) [MASS=118038]	*	1.17	*	*	*	1	2	TLFATEDALEVR	1
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	*	0.54	*	*	*	1	3	FGKYIDIHFNKR	2
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	0.00	2.12	*	*	*	3	2	KDHGEYK	1
							3	IESNYGVHTLEINR	1
							1	YAVFDLM[147]EGK	1
MYPC2_HUMAN (Q14324) Myosin-binding protein C, fast-type (Fast MyBP-C) (C-protein, skeletal muscle fast-isoform) [MASS=128142]	*	2.80	*	*	*	3	3	DDDDLGPPEIWELLKGAKK	1
							1	ELPDK	1
							1	SAAFTKK	1
MYPC3_HUMAN (Q14896) Myosin-binding protein C, cardiac-type (Cardiac MyBP-C) (C-protein, cardiac muscle isoform) [MASS=140761]	*	0.86	*	*	*	1	2	KLLC[330]ETEGRVRR	1
							2	VC[330]GSNLLSIC[330]K	2
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	8.70	1.77	0.04	8	2	2	VC[339]GSNLLSIC[339]K	1
							1	TSASIGSLC[339]ADAR	1
							2	TSASIGSLC[330]ADAR	1
							2	TSASIGSLC[339]ADAR	3

MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	*	0.35	*	*	*	1	1	VRTGPGR	1
N4BP3_HUMAN (O15049) NEDD4-binding protein 3 (N4BP3) [MASS=60441]	*	2.57	*	*	*	1	3	KELRAQQGLAPEPR	1
NAL12_HUMAN (P59046) NACHT, LRR and PYD-containing protein 12 (PYRIN-containing APAF1-like protein 7) (Monarch-1) (Regulated by nitric oxide) [MASS=120172]	*	1.23	*	*	*	2	2 1	MLRTAGR VSPHIK	1 1
NALP2_HUMAN (Q9NX02) NACHT, LRR and PYD-containing protein 2 (PYRIN domain and NACHT domain-containing protein 1) (PYRIN-containing APAF1-like protein 2) (Nucleotide-binding site protein 1) [MASS=120515]	0.00	2.73	0.55	0.00	1	1	3	ADGKQLVEILTTHC[330]DSYWVEM[147]ASLQVFEK	1
NCOA6_HUMAN (Q14686) Nuclear receptor coactivator 6 (Amplified in breast cancer protein 3) (Cancer-amplified transcriptional coactivator ASC-2) (Activating signal cointegrator 2) (ASC-2) (Peroxisome proliferator-activated receptor-interacting protein) (P [MASS=219117]	*	1.21	*	*	*	2	2 2	SQDVRMNGPM[147]GAGNSVR AVPAQEVK	1 1
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	0.00	1.07	*	*	*	1	3	SPERSHVSSEPYEPISPPQVPVVHEK	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	6.20	0.51	0.00	1	1	3	C[339]PVM[147]LVVGDQAPHEDAVVEC[339]NSK	1
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	0.00	8.04	2.43	0.00	1	1	2	LSNNYYC[339]TR	1

NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	7.60	2.40	0.01	3	2	2	C[330]ALDFFR	1
							1	C[339]ALDFFR	1
							1	C[339]LEEGK	1
							2	C[339]ALDFFR	1
NDUA9_HUMAN (Q16795) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 39 kDa subunit) (Complex I-39KD) (CI-39KD) [MASS=42509]	*	6.10	*	*	*	1	3	VLSMSRSAITAIATSVC[339]HGPPC[330]R	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	0.71	2.54	1.43	0.00	1	1	2	C[339]EVLQYSAR	1
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.83	6.43	1.68	0.00	1	1	2	EGQNYQQNC[339]IK	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	*	1.43	*	*	*	1	3	PQEEDQPLPARR	1
NELFB_HUMAN (Q8WX92) Negative elongation factor B (NELF-B) (Cofactor of BRCA1) [MASS=65697]	0.00	2.24	11.54	0.02	2	1	2	MPSLQPVVM[147]C[339]VM[147]K	2
NEUR3_HUMAN (Q9UQ49) Sialidase-3 (EC 3.2.1.18) (Membrane sialidase) (Ganglioside sialidase) (N-acetyl-alpha-neuraminidase 3) [MASS=48252]	0.00	3.50	*	*	*	1			

NEUR3_HUMAN (Q9UQ49) Sialidase-3 (EC 3.2.1.18) (Membrane sialidase) (Ganglioside sialidase) (N-acetyl-alpha-neuraminidase 3) [MASS=48252]

0.00 3.50 * * * 1

NFAC3_HUMAN (Q12968) Nuclear factor of activated T-cells, cytoplasmic 3 (NF-ATc3) (NFATc3) (T cell transcription factor NFAT4) (NF-AT4) (NFATx) [MASS=115593]

* 0.65 * * * 1 1 LLGYNEK

NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]

0.55 2.97 0.73 0.00 1 3 3 EFTTPEGVPSAPR
3 SGTLLVIDFRSGGR
2 LDC[330]PFFGSP IPTLR

1

1

1

1

3	SSFSRVSGSPSSGFR	1
3	SYTLDSLGNPSAYR	20

NFM_HUMAN (P07197) Neurofilament triplet M
protein (160 kDa neurofilament protein)
(Neurofilament medium polypeptide) (NF-M) 0.00 3.17 * * * 2
(Neurofilament 3) [MASS=102316]

NGN2_HUMAN (Q9H2A3) Neurogenin 2 [MASS=28621]	*	4.04	*	*	*	1	3	LLGLVHDC[339]KRR	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.23	4.93	1.24	0.00	1	1	2	FSGGYPALM[147]DC[339]M[147]NK	1
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	0.69	5.20	1.22	0.00	1	1	2	LGAC[339]LAFLPEAFDFIAR	1
NKX22_HUMAN (O95096) Homeobox protein Nkx-2.2 (Homeobox protein NK-2 homolog B) [MASS=30132]	0.00	8.06	*	*	*	1	3	EHLASLIRLTPTQVKIWFQNHR	1
NOL11_HUMAN (Q9H8H0) Nucleolar protein 11 [MASS=81123]	*	3.62	*	*	*	1	3	KDVQLLQLC[330]LQQFPDIPESVTC[339]AC[339]LK	1
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	*	1.03	*	*	*	1	3	EEGTPWNEDC[330]GK	1
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	0.00	2.08	*	*	*	1	3	TEKYEHKSEVK	1

							3	C[339]SC[330]PHSSPGPR	8
NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]	0.00	1.00	2.92	0.00	1	2			
							2	C[339]LPGFEGPR	1
							3	C[330]SC[339]PHSSPGPR	2
NR6A1_HUMAN (Q15406) Orphan nuclear receptor NR6A1 (Germ cell nuclear factor) (GCNF) (Retinoid receptor-related testis-specific receptor) (RTR) [MASS=54383]	0.00	1.88	0.14	0.00	1	1	3	C[330]LQM[147]GM[147]NRK	1
							3	HESHTWSLERSESILTSDSQSGIM[147]LSSVGTSK	1
							2	C[330]PNGFFGQR	1
							3	VALVKVLDKWPLR	5
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	0.00	7.41	0.22	0.00	1	4			
							2	QNM[147]C[330]PAHQNR	3
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	*	0.81	*	*	*	1	1	IC[330]SPDK	1
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.94	13.04	1.72	0.00	1	1	2	STPYEC[339]GFDPM[147]SPAR	1
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	6.05	1.39	0.02	2	2	2	VLFLLGADGGC[339]ITR	1
							3	DC[339]FIYQGHGVDVGAPIADVILPGAAYTEK	1

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	7.54	1.64	0.05	3	2	2	GAGAYIC[339]GEETALIESIEGK	2
							2	NAC[339]GSGYDFDVFVVR	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	*	2.16	*	*	*	1	2	VDDAKVSPPK	1
NUD15_HUMAN (Q9NV35) Probable 7,8-dihydro-8-oxoguanine triphosphatase NUDT15 (EC 3.1.6.-) (8-oxo-dGTPase NUDT15) (Nucleoside diphosphate-linked moiety X motif 15) (Nudix motif 15) [MASS=18609]	0.00	17.68	*	*	*	1	3	NVEPEKNESWEWVPWEELPPLDQLFWGLR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	*	5.71	*	*	*	1	2	YVNMQDPEMDMK	1
							2	YVNM[147]QDPEMDM[147]K	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	0.91	12.10	1.59	0.00	1	1	2	VIAC[339]DGGGGALGHPK	1
O10H5_HUMAN (Q8NGA6) Olfactory receptor 10H5 [MASS=34900]	*	3.17	*	*	*	1	3	VAMKKTC[330]FTK	1
ODB2_HUMAN (P11182) Lipamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2-methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	0.00	3.32	1.42	0.00	1	1	2	NVQIC[339]SIFDIATELNR	1

ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781]	0.00	4.89	1.05	0.00	1	1	3	NFSAIINPPQAC[339]ILAIGASEDKLVPADNEK	1
ODPAT_HUMAN (P29803) Pyruvate dehydrogenase E1 component alpha subunit, testis-specific form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type II) [MASS=42933]	0.00	2.84	*	*	*	1	3	GPILMELQTYR	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	0.00	2.56	1.45	0.00	1	1	2	VDGM[147]DILC[339]VR	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	0.00	1.35	1.06	0.00	1	1	2	AAVAC[330]EVC[330]QSLVK	1
OPHN1_HUMAN (O60890) Oligophrenin 1 [MASS=91640]	0.00	1.25	0.15	0.00	1	1	3	RM[147]KEAPQTC[330]K	2
OR7C2_HUMAN (O60412) Olfactory receptor 7C2 (Olfactory receptor 19-18) (OR19-18) [MASS=35278]	0.00	8.12	0.40	0.00	1	1	3	LC[330]GLLVLGSWC[330]ISVM[147]GSLLETLTILR	1
OTUD3_HUMAN (Q5T2D3) OTU domain-containing protein 3 [MASS=45124]	0.00	6.28	2.35	0.00	1	1	3	QC[339]GPLWEEGGSGARIFGNQGLNEGR	1
OX2G_HUMAN (P41217) OX-2 membrane glycoprotein precursor (CD200 antigen) [MASS=31264]	0.96	5.76	0.65	0.00	1	1	2	EVIC[330]QVLHLGTVTDFK	1
P2Y13_HUMAN (Q9BPV8) P2Y purinoceptor 13 (P2Y13) (G-protein coupled receptor 86) (G-protein coupled receptor 94) [MASS=38440]	0.00	7.21	0.15	0.00	1	1	3	ETTLFLAATNIC[330]M[147]DPLIYIFLC[330]KK	1

P5CS_HUMAN (P54886) Delta 1-pyrroline-5-carboxylate synthetase (P5CS) (Aldehyde dehydrogenase 18 family member A1) [Includes: Glutamate 5-kinase (EC 2.7.2.11) (Gamma-glutamyl kinase) (GK); Gamma-glutamyl phosphate reductase (GPR) (EC 1.2.1.41) (Glutamate [MASS=87302]	0.00	2.64	*	*	*	1	3	QALHSGQNQLKEM[147]AIPVLEAR	1
PA1B2_HUMAN (P68402) Platelet-activating factor acetylhydrolase IB subunit beta (EC 3.1.1.47) (PAF acetylhydrolase 30 kDa subunit) (PAF-AH 30 kDa subunit) (PAF-AH subunit beta) (PAFAH subunit beta) [MASS=25569]	0.00	2.62	0.77	0.00	1	1	2	FVLDC[330]K	1
							3	VLMLGGSALNHNYR	17
PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]	0.00	0.86	*	*	*	1			
PAR4_HUMAN (Q96RI0) Proteinase-activated receptor 4 precursor (PAR-4) (Thrombin receptor-like 3) (Coagulation factor II receptor-like 3) [MASS=41163]	0.00	6.23	*	*	*	1	2	LPSTMLLMNLATADLLLALALPPR	1
PARP4_HUMAN (Q9UKK3) Poly [ADP-ribose] polymerase 4 (EC 2.4.2.30) (PARP-4) (Vault poly(ADP-ribose) polymerase) (VPARP) (193 kDa vault protein) (PARP-related/lalpal-related H5/proline-rich) (PH5P) [MASS=192587]	*	1.16	*	*	*	1	3	DC[339]PFLISSHFLDDGMETRR	1

PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	*	2.71	*	*	*	1	2	M[147]TTLGAVPRMMR	1
PC11X_HUMAN (Q9BZA7) Protocadherin-11 X-linked precursor (Protocadherin-11) (Protocadherin on the X chromosome) (PCDH-X) (Protocadherin-S) [MASS=147557]	0.00	0.59	*	*	*	1	1	YLFTILAK	1
PC11Y_HUMAN (Q9BZA8) Protocadherin-11 Y-linked precursor (Protocadherin-11) (Protocadherin-22) (Protocadherin on the Y chromosome) (PCDH-Y) (Protocadherin prostate cancer) (Protocadherin-PC) [MASS=146774]	0.00	1.42	*	*	*	1	2	DLNLSLIPNKSLTTTM[147]QFK	1
PCDA5_HUMAN (Q9Y5H7) Protocadherin alpha 5 precursor (PCDH-alpha5) [MASS=102047]	0.00	2.99	*	*	*	1	3	TDLM[147]AFSPSLPQGPTSTDNPRQPNPDWR	1
PCDA6_HUMAN (Q9UN73) Protocadherin alpha 6 precursor (PCDH-alpha6) [MASS=102715]	*	2.42	*	*	*	1	3	DREDLLEVNLQNGILFVNSRIDR	1
PCDGI_HUMAN (Q9Y5F9) Protocadherin gamma B6 precursor (PCDH-gamma-B6) [MASS=101043]	0.00	3.23	1.47	0.00	1	1	3	NNQSFD FEDVERYTM[147]EVEAKDGGGLSTQC[339]K	1
PCDGL_HUMAN (Q9Y5F7) Protocadherin gamma C4 precursor (PCDH-gamma-C4) [MASS=101213]	*	1.81	*	*	*	1	2	SAFRNQFSLVTAGPLDR	1
PCF11_HUMAN (O94913) Pre-mRNA cleavage complex 2 protein Pcf11 (Pre-mRNA cleavage complex II protein Pcf11) (Fragment) [MASS=183979]	0.00	1.27	*	*	*	1	3	GQPVGGLRFEGGHGPGSAAIR	1
PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	0.00	1.08	*	*	*	4	3	SAEEMYEEM[147]M[147]HK	1
							3	PLAQQPGLQSPAKAPGPTKTPAQTK	1
							1	PVSQTGF GK	1
							1	AIPRPASDSK	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	*	0.72	*	*	*	1	1	VNGAGHK	1

PDCD7_HUMAN (Q8N8D1) Programmed cell death protein 7 (ES18) (HES18) [MASS=54700]	0.22	4.33	1.54	0.00	1	1	3	KGVC[330]PPASADETFTHHLQRLR	1
PDE3A_HUMAN (Q14432) cGMP-inhibited 3',5' cyclic phosphodiesterase A (EC 3.1.4.17) (Cyclic GMP-inhibited phosphodiesterase A) (CGI-PDE A) [MASS=124979]	0.00	2.98	0.76	0.00	1	3	1 M[147]AVPGDAAR 1 GGAPGGGAR 2 RSSSVVSAEM[147]SGC[330]SSK	1 1 1	
PDE5A_HUMAN (O76074) cGMP-specific 3',5'-cyclic phosphodiesterase (EC 3.1.4.35) (CGB-PDE) (cGMP-binding cGMP-specific phosphodiesterase) [MASS=100012]	0.25	1.26	1.28	0.00	1	1	2 SLLC[339]TPIKNGK	1	
PDE8A_HUMAN (O60658) High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (EC 3.1.4.17) [MASS=93303]	*	1.93	*	*	*	2	3 VC[339]NGNNKAEK 1 GLDEM[147]K	1 1	
PDIA6_HUMAN (Q15084) Protein disulfide-isomerase A6 precursor (EC 5.3.4.1) (Protein disulfide isomerase P5) (Thioredoxin domain-containing protein 7) [MASS=48121]	*	1.36	*	*	*	1	1 EPWDGR	1	
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	*	4.35	*	*	*	2	3 GLNSGDHSDSAKSVSSLNPVK 2 QGDGERLVVHGLLPGGSAM[147]K	1 1	
PELI1_HUMAN (Q96FA3) Protein pellino homolog 1 (Pellino-1) (Pellino-related intracellular signaling molecule) [MASS=46286]	0.00	11.24	5.23	0.00	1	2	3 HLEALRQEINAARPQC[330]PVGFNTLAFPSMK 3 PQC[339]PVGFNTLAFPSMKRK	1 1	
PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	*	1.43	*	*	*	1	2 EAEVLVARGVRVK 1 GIKQEAFK	1 9	
PGLB_HUMAN (Q99645) Dermatan sulfate proteoglycan 3 precursor (Epiphycan) (Small chondroitin/dermatan sulfate proteoglycan) (Proteoglycan-Lb) (PG-Lb) [MASS=36578]	*	2.48	*	*	*	1			

PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	*	1.72	*	*	*	1	2	LTAADKAAIR	1
PEX_HUMAN (P78562) Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (X-linked hypophosphatemia protein) (HYP) (Vitamin D-resistant hypophosphatemic rickets protein) [MASS=86473]	0.31	1.74	0.85	0.00	1	1	2	C[330]M[147]INQYSNYYWKK	1
PIGO_HUMAN (Q8TEQ8) Phosphatidylinositol-glycan biosynthesis, class O protein (PIG-O) [MASS=118698]	*	0.73	*	*	*	1	2	QLTSAGRR	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	*	1.08	*	*	*	1	3	VHNFGKRSNSIK	1
PLCC_HUMAN (Q9NRZ7) 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma (EC 2.3.1.51) (1-AGP acyltransferase 3) (1-AGPAT 3) (Lysophosphatidic acid acyltransferase-gamma) (LPAAT-gamma) (1-acylglycerol-3-phosphate O-acyltransferase 3) [MASS=43381]	*	2.39	*	*	*	1	1	VSM[147]EVAAAK	1

PLCD1_HUMAN (P51178) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase delta 1 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-delta-1) (Phospholipase C-delta-1) (PLC-III) [MASS=85763]	0.00	1.46	0.04	7.92	3	1				
PLXA3_HUMAN (P51805) Plexin-A3 precursor (Plexin-4) (Semaphorin receptor SEX) [MASS=207664]	*	0.48	*	*	*	1	1	GHGATRTVR		1
POLK_HUMAN (Q9UBT6) DNA polymerase kappa (EC 2.7.7.7) (DINB protein) (DINP) [MASS=98808]	0.00	2.41	*	*	*	1	3	DDLLLRMGLNDNKAGMEGLDK		1
POTE8_HUMAN (Q6S8J7) Prostate, ovary, testis-expressed protein on chromosome 8 [MASS=56165]	0.00	4.62	*	*	*	1	3	AAWWGEVPRADLIVMLRGPINK		1
PP4C_HUMAN (P60510) Serine/threonine-protein phosphatase 4 catalytic subunit (EC 3.1.3.16) (PP4C) (Pp4) (Protein phosphatase X) (PP-X) [MASS=35080]	0.00	7.49	0.07	0.00	1	1	3	IFC[330]VHGGLSPSIQTLQIRTIDR		1
PPARG_HUMAN (P37231) Peroxisome proliferator-activated receptor gamma (PPAR-gamma) [MASS=57620]	*	0.99	*	*	*	1	1	MTDLR		1
PPOX_HUMAN (P50336) Protoporphyrinogen oxidase (EC 1.3.3.4) (PPO) [MASS=50765]	0.00	3.35	1.13	0.00	1	1	2	RLGPEVASLAMDSLCL[339]R		1

PR285_HUMAN (Q9BYK8) Peroxisomal proliferator-activated receptor A-interacting complex 285 kDa protein (EC 3.6.1.-) (ATP-dependent helicase PRIC285) (PPAR-alpha-interacting complex protein 285) (PPAR-gamma DBD-interacting protein 1) (PDIP1) [MASS=294533]	0.00	0.91	1.42	0.00	1	2	2 3	C[339]IC[339]VVSHGAQVSALR VC[330]RRPTM[147]PS	1 1
PRDM7_HUMAN (Q9NQW5) PR domain zinc finger protein 7 (PR domain-containing protein 7) [MASS=45965]	*	3.19	*	*	*	1	2	NHSSQNFPGPSAR	1
PRDM8_HUMAN (Q9NQV8) PR domain zinc finger protein 8 (PR domain-containing protein 8) [MASS=71709]	0.00	3.34	0.10	0.00	1	1	3	LQGAADLNGGC[330]GSLPSGGGGLPK	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	*	4.30	*	*	*	1	3	HLSVNDLPVGR	1
PROZ_HUMAN (P22891) Vitamin K-dependent protein Z precursor [MASS=44744]	0.00	4.50	1.33	0.00	1	1	3	QC[330]VPHDQC[330]AC[330]GVLTSER	1
PRPS1_HUMAN (P60891) Ribose-phosphate pyrophosphokinase I (EC 2.7.6.1) (Phosphoribosyl pyrophosphate synthetase I) (PRS-I) (PPRibP) [MASS=34703]	0.00	11.99	*	*	*	2	2 3	PNIKIFSGSSHQDLSQK PNIKIFSGSSHQDLSQKIADR	1 1
PRR11_HUMAN (Q96HE9) Proline-rich protein 11 [MASS=40085]	0.00	5.28	*	*	*	1	3	ENM[147]ETGTGLTPVMTQALRR	1
PRS23_HUMAN (O95084) Serine protease 23 precursor (EC 3.4.21.-) (Putative secreted protein ZSIG13) [MASS=43001]	0.00	7.83	*	*	*	1	3	LSTGC[330]TGTLVAEKHVLTAAHC[339]IHDGKTYVK	1
PSD1_HUMAN (Q99460) 26S proteasome non-ATPase regulatory subunit 1 (26S proteasome regulatory subunit RPN2) (26S proteasome regulatory subunit S1) (26S proteasome subunit p112) [MASS=105836]	0.00	1.26	0.34	0.00	1	1	3	LC[330]MSLMQNKQFR	1

PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP- like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	0.00	3.21	1.81	0.00	1	1	2	M[147]LLLLLFC[339]VAVSVVWGVFR	1
PTPRO_HUMAN (Q16827) Receptor-type tyrosine-protein phosphatase O precursor (EC 3.1.3.48) (Glomerular epithelial protein 1) (Protein tyrosine phosphatase U2) (PTPase U2) (PTP-U2) [MASS=138281]	*	1.64	*	*	*	1	3	M[147]VLQQKSQIIVMLTQC[330]NEKR	1
PTPRS_HUMAN (Q13332) Receptor-type tyrosine-protein phosphatase S precursor (EC 3.1.3.48) (R-PTP-S) (Protein-tyrosine phosphatase sigma) (R-PTP-sigma) [MASS=217093]	0.00	1.18	0.66	0.00	1	1	3	DQIGVSGGVASFVC[330]QATGDPKPR	1
PTPRU_HUMAN (Q92729) Receptor-type tyrosine-protein phosphatase U precursor (EC 3.1.3.48) (R-PTP-U) (Protein-tyrosine phosphatase J) (PTP-J) (Pancreatic carcinoma phosphatase 2) (PCP-2) [MASS=160227]	0.00	1.47	0.46	0.00	1	1	3	MVWQEH[C330]SSIVM[147]ITKLVEVGR	1
PUS3_HUMAN (Q9BZE2) tRNA pseudouridine synthase 3 (EC 5.4.99.-) (tRNA-uridine isomerase 3) (tRNA pseudouridylate synthase 3) [MASS=55615]	*	3.33	*	*	*	1	2	M[147]ADNDTDRNQTEKLLK	1
PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	0.00	4.98	27.08	0.00	1	1	3	LLVVSTQLSHC[339]R	1
PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl- phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	*	0.27	*	*	*	1	1	LYELTR	1
R113A_HUMAN (O15541) RING finger protein 113A (Zinc finger protein 183) [MASS=38787]	*	1.75	*	*	*	1	1	APEHLR	1

R51A1_HUMAN (Q96B01) RAD51-associated protein 1 (RAD51-interacting protein) [MASS=38457]	0.00	6.82	0.26	0.00	1	1	3	C[330]NALVTSVDSAPAAVKSESQSLPK	1
RAB1A_HUMAN (P62820) Ras-related protein Rab-1A (YPT1-related protein) [MASS=22546]	*	5.88	*	*	*	1	3	LLVGKNC[339]DLTTK	3
RAB28_HUMAN (P51157) Ras-related protein Rab-28 (Rab-26) [MASS=24841]	0.00	8.14	1.84	0.00	1	1	3	HLRFC[339]QENGFSHFVSAK	1
RAF1_HUMAN (P04049) RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.11.1) (Raf-1) (C-RAF) (cRaf) [MASS=73051]	*	2.01	*	*	*	1	2	HVNILLFMGYMTK	1
RANB9_HUMAN (Q96S59) Ran-binding protein 9 (RanBP9) (RanBP7) (Ran-binding protein M) (RanBPM) (BPM90) (BPM-L) [MASS=77847]	0.00	4.94	0.24	0.00	1	2	3 1	GSTAHFSGFESC[330]SNGVISNKAHQSYC[330]HSNK MIHFGR	1 1
RASN_HUMAN (P01111) GTPase NRas precursor (Transforming protein N-Ras) [MASS=21229]	0.00	12.70	0.76	0.00	1	1	3	TGEGFLC[330]VFAINNSKSFADINLYR	1
RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	*	2.37	*	*	*	2	3 2	C[339]LNAGSGTETAER C[339]SEQSLIEFFNKM[147]K	1 1
RBP17_HUMAN (Q9H2T7) Ran-binding protein 17 [MASS=124375]	0.00	2.11	1.32	0.00	1	2	1 2	NQWSVSR DTSLKDVLVLAC[330]SLLK	1 1
RDH13_HUMAN (Q8NBN7) Retinol dehydrogenase 13 (EC 1.1.1.-) [MASS=35932]	*	6.04	*	*	*	2	2 1	APAPEAEDEEVAR LWAESAR	1 1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	0.00	4.47	0.59	0.00	1	1	3	ENILFHLYVSTSPC[330]GDARLHSPYEITDLHSSK	1
RELN_HUMAN (P78509) Reelin precursor (EC 3.4.21.-) [MASS=388399]	0.00	1.13	0.29	0.00	1	2	2 3	HFYNRR LSPLWYKITGAQVGTGC[330]GTLNDGKSLYFNGPGK	3 1
RGS12_HUMAN (O14924) Regulator of G-protein signaling 12 (RGS12) [MASS=156356]	0.00	1.11	0.92	0.00	1	1	2	FESC[330]SSDEEGGLYEGK	1

RHG07_HUMAN (Q96QB1) Rho-GTPase-activating protein 7 (Rho-type GTPase-activating protein 7) (Deleted in liver cancer 1 protein) (Dlc-1) (HP protein) (StAR-related lipid transfer protein 12) (StARD12) (START domain-containing protein 12) [MASS=122826]	0.00	1.83	0.17	0.00	1	1	3	KPDTM[147]ILTQIEAKEAC[330]DWLR	1
RHG12_HUMAN (Q8IWW6) Rho-GTPase-activating protein 12 [MASS=96254]	0.00	1.54	*	*	*	1	3	SFKVSSIDSSEQK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.60	13.78	0.62	0.00	1	2	3 2	RYGSQNGC[330]INC[330]C[330]K HFC[330]PNVPILVANK	1 1
RIC8A_HUMAN (Q9NPQ8) Synembryn-A (Protein Ric-8A) [MASS=59612]	0.00	4.91	0.64	0.00	1	1	3	C[330]LDVLLTLEPHGDSTEFMGVNMDVIR	1
RIF1_HUMAN (Q5UIP0) Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog) [MASS=274464]	0.00	1.78	1.02	0.42	2	2	3 3	LDEVPKVYSC[339]LNNKLEK SSLSNNEC[330]GSLDKTSPEMSNSNNDERK	1 1
RIMS1_HUMAN (Q86UR5) Regulating synaptic membrane exocytosis protein 1 (Rab3-interacting molecule 1) (RIM 1) [MASS=189071]	*	1.18	*	*	*	2	1 3	RAPAAAR QSRLDPSSAVLMR	1 1
RINT1_HUMAN (Q6NUQ1) RAD50-interacting protein 1 (RAD50 interactor 1) (Protein RINT-1) (HsRINT-1) [MASS=90631]	*	1.26	*	*	*	1	2	GNRQTNVLSK	1
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	*	9.09	*	*	*	1	2	AHSIQIMKVEEIAASK	1
RNF37_HUMAN (O94941) RING finger protein 37 (Ubiquitin-conjugating enzyme 7-interacting protein 5) (U-box domain-containing protein 5) [MASS=58965]	0.00	4.99	0.43	0.00	1	1	3	GALSLSHVAHLRIC[330]ITHVTGGGIPC[330]IK	1
RNT2_HUMAN (O00584) Ribonuclease T2 precursor (EC 3.1.27.-) (Ribonuclease 6) [MASS=29481]	0.84	5.86	0.91	0.20	2	1	2 2	HGTC[339]AAQVDALNSQK HGTC[330]AAQVDALNSQK	1 1
ROBO4_HUMAN (Q8WZ75) Roundabout homolog 4 precursor (Magic roundabout) [MASS=107457]	*	2.78	*	*	*	1	3	SPGVPLLPDTSTFYGSLIAELPSSTPAR	1
RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	*	1.62	*	*	*	3	1 3 2	ESGENK QQAINSRYQDQQLATKGILNK AIEKLYGK	1 1 2

RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	0.58	*	*	*	1	2	EVEPLLGR	1
RPGF6_HUMAN (Q8TEU7) Rap guanine nucleotide exchange factor 6 (PDZ domain-containing guanine nucleotide exchange factor 2) (PDZ-GEF2) (RA-GEF-2) [MASS=179406]	0.00	1.56	*	*	*	1	3	C[330]WYILLSGSVLVKGSM[147]VLPPC[339]SFGK	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	0.00	1.05	1.03	0.00	1	1	3	IC[339]QEFNSTWAWEMEK	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	1.62	1.49	0.00	1	5	3	LPLELGTFFHQLFK	1
							2	YSNILLNC[339]K	1
							2	RNLWRDDNGVGVR	1
							3	ALGIFTKPSLSAVLK	1
							3	DVGSAAFKIFLK	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	*	3.20	*	*	*	1	2	TKDDIIC[339]EIGDVFK	1
SAPS3_HUMAN (Q5H9R7) SAPS domain family member 3 (Sporulation-induced transcript 4-associated protein SAPL) (Protein phosphatase 6 regulatory subunit 3) [MASS=97669]	0.00	1.95	0.16	0.00	1	1	3	C[330]QLIERILEAWEM[147]NEKK	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	7.63	2.26	0.00	2	2	3	QC[339]DQFVAEYEPVLIEILVEVM[147]DPSFVC[339]LK	1
							2	GC[339]SFLPDPYQK	1
							2	GC[330]SFLPDPYQK	1
SATB1_HUMAN (Q01826) DNA-binding protein SATB1 (Special AT-rich sequence-binding protein 1) [MASS=85956]	*	1.31	*	*	*	1	2	AKVSQALFAK	1
SBP1_HUMAN (Q13228) Selenium-binding protein 1 [MASS=52313]	0.25	2.33	0.18	0.00	1	1	2	EEIVYLPC[330]IYR	1

SCN5A_HUMAN (Q14524) Sodium channel protein type 5 subunit alpha (Sodium channel protein type V subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.5) (Sodium channel protein, cardiac muscle alpha-subunit) (HH1) [MASS=227161]	*	0.74	*	*	*	1	2	WHMM[147]DFFHAFLIIFR	1
SCNND_HUMAN (P51172) Amiloride-sensitive sodium channel subunit delta (Epithelial Na+ channel subunit delta) (Delta ENaC) (Nonvoltage-gated sodium channel 1 subunit delta) (SCNED) (Delta NaCH) [MASS=70274]	0.00	3.61	*	*	*	1	3	VEQQPHLPLLSTLAGIRVM[147]VHGR	1
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	0.36	10.19	2.02	0.00	1	2	2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1
							3	TGVKGLTAVSNNAGVDNFGLLLR	1
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	*	2.90	*	*	*	1	2	YWAAEKVTEGVR	1
SDOS_HUMAN (Q9BRJ7) Protein syndesmos (NUDT16-like protein 1) [MASS=23338]	0.00	9.48	3.03	0.00	1	1	3	FWSLEDGLNRVLGLGLGC[339]LR	1
SEM3C_HUMAN (Q99985) Semaphorin-3C precursor (Semaphorin E) (Sema E) [MASS=85207]	*	1.20	*	*	*	1	1	NHAPITTMK	1
							3	IPYPRPGTC[330]PSK	4
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	0.00	2.83	0.10	0.16	2	2	3	HHRDLDELPR	1
SEM4F_HUMAN (O95754) Semaphorin-4F precursor (Semaphorin W) (Sema W) (Semaphorin M) (Sema M) [MASS=83511]	0.00	1.56	4.87	0.00	1	1	3	ADLLC[339]PGPEHGR	1
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	*	2.01	*	*	*	1	3	FC[339]NENTPC[330]PVPIFWASWGSWSK	1
SERB_HUMAN (P78330) Phosphoserine phosphatase (EC 3.1.3.3) (PSP) (O-phosphoserine phosphohydrolase) (PSPase) (L-3-phosphoserine phosphatase) [MASS=25008]	*	5.78	*	*	*	1	3	LALIQPSREQVQR	1

SERC3_HUMAN (Q13530) Serine incorporator 3 (Tumor differentially expressed protein 1) [MASS=52580]	0.00	2.33	0.93	0.00	1	1	2	KIPGFC[330]EGGFK	1
SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	0.00	0.45	133.12	0.00	1	1	3	EGYQLGQQSLC[339]K	2
SF3A1_HUMAN (Q15459) Splicing factor 3 subunit 1 (Spliceosome-associated protein 114) (SAP 114) (SF3a120) [MASS=88886]	0.00	4.67	*	*	*	2	3 3	M[147]QEHM[147]RIGLLDPR VPPPPETPMPPPLPPTPDQVIVRK	1 1
SFTPD_HUMAN (P35247) Pulmonary surfactant-associated protein D precursor (SP-D) (PSP-D) [MASS=37698]	0.00	8.53	1.05	0.00	1	2	1 3	EGPLGK TAGFVKPFTEAQLLC[339]TQAGGQLASPR	1 1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.65	5.92	1.41	0.00	1	1	2	FVPFAAVAAANC[339]INIPLM[147]R	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	1.00	6.76	0.51	0.18	2	2	2 2	ATPQHTVSFTC[330]ESHGFSPR LTC[330]QVEHDGQPAVSK	1 1
SIDT1_HUMAN (Q9NXL6) SID1 transmembrane family member 1 precursor [MASS=93866]	*	3.87	*	*	*	2	3 3 2 3	KNLEVTIVPSIK TNVAFHFTASPSQPQYFLYK VTTVSELTK GLQLTWLENGNVS	2 1 1 11
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.00	5.78	*	*	*	2			
SIX4_HUMAN (Q9UIU6) Homeobox protein SIX4 (Sine oculis homeobox homolog 4) [MASS=80832]	0.00	2.63	0.14	0.00	1	1	3	SKYVLDGMVDTC[330]EDLETDK	1

SKIV2_HUMAN (Q15477) Helicase SKI2W (EC 3.6.1.-) (Helicase-like protein) (HLP) [MASS=137798]	*	0.96	*	*	*	1	3	VNGEKILEDFSK	1
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	*	4.89	*	*	*	4	3	TQM[147]KPGVVPGC[330]EPC[330]RK	1
							2	GYAIC[339]QTTRPLSWVEC[339]R	1
							3	VPTC[339]TLSSGSC[330]PAMC[330]TC[339]SNGIVDC[339]R	1
							2	LNNNEISILEATGM[147]FKK	1
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	*	0.52	*	*	*	1	1	SVPRNIPR	1
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	0.00	0.61	6.97	0.00	1	1	2	GYEYC[339]R	6
SMOC1_HUMAN (Q9H4F8) SPARC-related modular calcium-binding protein 1 precursor (Secreted modular calcium-binding protein 1) (SMOC-1) [MASS=48162]	*	2.76	*	*	*	1	2	GC[339]LGVSKEGRLV	1
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	*	1.27	*	*	*	1	2	AGGALC[330]HILGAAYK	1
SNX27_HUMAN (Q96L92) Sorting nexin-27 [MASS=50880]	0.00	5.52	0.56	0.00	1	1	3	WVKIFTYPFNYMHEC[339]FERVFC[339]ELK	1
SNX6_HUMAN (Q9UNH7) Sorting nexin-6 (TRAF4-associated factor 2) [MASS=46648]	0.00	7.88	*	*	*	2	3	AINVDLQSDAALQVDISDALSERDK	1
							1	VSELFDK	1
SORL_HUMAN (Q92673) Sortilin-related receptor precursor (Sorting protein-related receptor containing LDLR class A repeats) (SorLA) (SorLA-1) (Low-density lipoprotein receptor relative with 11 ligand-binding repeats) (LDLR relative with 11 ligand-binding) [MASS=248440]	*	0.27	*	*	*	1	1	TRGYRK	1

SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	0.00	1.74	0.51	0.00	1	1	3	PKSDTVDFHC[330]SK	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	*	1.46	*	*	*	1	1	M[147]NSPGGRGK	1
SPON1_HUMAN (Q9HCB6) Spondin-1 precursor (F-spondin) (Vascular smooth muscle cell growth-promoting factor) [MASS=90973]	*	1.86	*	*	*	1	2	LC[330]GGGIQERYM[147]TVKK	1
SPRC_HUMAN (P09486) SPARC precursor (Secreted protein acidic and rich in cysteine) (Osteonectin) (ON) (Basement-membrane protein 40) (BM-40) [MASS=34632]	0.00	4.62	0.34	0.00	1	1	2	MRAWIFFLLC[330]LAGR	1
SPRE2_HUMAN (Q7Z698) Sprouty-related, EVH1 domain-containing protein 2 (Spred-2) [MASS=47498]	0.00	7.89	0.29	0.00	1	2	3	PC[330]RQVSFPDDDEEIVR	1
							2	YDPSEDADSSYVRFK	1
SPT6H_HUMAN (Q7KZ85) Transcription elongation factor SPT6 (hSPT6) (Tat-cotransactivator 2 protein) (Tat-CT2 protein) [MASS=199071]	0.00	1.62	0.34	0.00	1	2	2	DIPKMQNAAKASR	1
							3	FSADLTC[330]RTSDLMDR	1
SPTA1_HUMAN (P02549) Spectrin alpha chain, erythrocyte (Erythroid alpha-spectrin) [MASS=279914]	*	0.50	*	*	*	1	1	ALSNAANLQRFK	1
							1	EFSMMFK	2
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	*	3.20	*	*	*	5	1	AIEARHASLMK	1
							3	FEFFQTDMAAHEERVNEVNQFAAK	1
							2	HQALQAEIAGHEPR	1
							3	HKRLEAELAAHEPAIQGVLDTGK	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	*	0.47	*	*	*	1	1	EVVQKKTFTK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	*	0.76	*	*	*	3	1	EWLDK	1
							1	HNLLASK	1
							1	IQDKHK	1

SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	*	1.51	*	*	*	2	2	RQETAKEKWQEK	1
							3	AEEIGRHM[147]QAVAEAWAQLQGSSAAR	1
SPTN4_HUMAN (Q9H254) Spectrin beta chain, brain 3 (Spectrin, non-erythroid beta chain 3) (Beta-IV spectrin) [MASS=288983]	*	0.51	*	*	*	1	3	LQSM[147]ESQVEEWYR	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	*	2.06	*	*	*	1	3	VEKQVNDAVSK	1
ST6B1_HUMAN (Q6IMI4) Sulfotransferase 6B1 (EC 2.8.2.-) [MASS=30511]	0.00	6.42	3.99	0.00	1	1	3	KYKYPEFPVLEC[339]GDSEK	1
STA13_HUMAN (Q9Y3M8) StAR-related lipid transfer protein 13 (StARD13) (START domain-containing protein 13) (46H23.2) (Deleted in liver cancer protein 2) (Rho GTPase-activating protein) [MASS=124967]	0.00	1.08	*	*	*	1	3	METLRGKGAHGR	1
STIM2_HUMAN (Q9P246) Stromal interaction molecule 2 precursor [MASS=83971]	*	1.21	*	*	*	1	2	HITIEDLWK	1
STON2_HUMAN (Q8WXE9) Stonin-2 (Stoned B) [MASS=101164]	*	1.77	*	*	*	1	3	VILFNPLDAC[330]RFELM[147]R	1
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	0.97	3.37	0.60	0.05	2	1	2	AAHVFFTDSC[330]PDALFNELVK	2
STXB4_HUMAN (Q6ZMJ1) Syntaxin-binding protein 4 (Syntaxin 4-interacting protein) (Synip) [MASS=61761]	0.00	1.81	4.89	0.00	1	1	2	SEENEEDC[339]SR	1
SUZ12_HUMAN (Q15022) Polycomb protein SUZ12 (Suppressor of zeste 12 protein homolog) (Joined to JAZF1 protein) (Chromatin precipitated E2F target 9 protein) (ChET 9 protein) [MASS=83053]	*	1.49	*	*	*	1	3	RTPITHILVC[339]R	1

2	VGGMHETVLTVTGK	1
3	RALTGRDSGMEK	1
3	VQASKNPLKM[147]LAAR	22

SVIL_HUMAN (O95425) Supervillin (Archvillin)
(p205/p250) [MASS=247705] 0.00 1.81 * * * 3

SYIC_HUMAN (P41252) Isoleucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) (IRS) [MASS=144958]	0.00	1.66	*	*	*	1	3	WILSFM[147]QSLIGFFETEMAAYR	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.95	3.26	1.40	0.00	1	2	2 SC[339]QTALVEILDVIVR 3 C[339]PRC[330]WKYTAESSDTLC[339]PR	1 1	
SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	*	1.46	*	*	*	9	2 EHIC[339]LLPDDVSKQVK 3 GAVALSGDHSALQSIRQLGKALDDSR 2 EMFATM[147]SK 1 FSSM[147]APDLDR 3 QLRQTVEATNSM[147]NKNESDLIEK 2 DKTTMLGK 1 LNALPR 3 ETQFHTELM[147]AQASAVLK 3 KQIEHLIQPLHRDGK	1 1 1 1 1 1 1 1	

SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	0.97	3.83	0.69	0.00	1	1	2	LHQVYFDAPTC[330]R	1
T2R38_HUMAN (P59533) Taste receptor type 2 member 38 (T2R38) (T2R61) (PTC bitter taste receptor) [MASS=37892]	0.00	3.30	0.85	0.00	1	1	2	ADHKADSRTL[339]	1
							2	SIQFVDWC[330]PTGFK	2
							3	TKRSIQFVDWC[339]PTGFK	1
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	13.84	0.95	0.10	11	4	2	YMAC[339]C[339]LLYR	1
							3	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
							2	YMAC[330]C[330]LLYR	1
							2	YM[147]AC[339]C[339]LLYR	2
							2	YM[147]AC[330]C[330]LLYR	2
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	*	*	*	1	3	LADQC[330]TGLQGFLVFHSFGGGTGSGFTSLLMER	1
							3	LADQC[339]TGLQGFLVFHSFGGGTGSGFTSLLM[147]ER	1
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	1
							2	TAVC[339]DIPPR	2
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	22.25	*	*	*	4	2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
							1	TAVC[339]DIPPR	1
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							2	EIVHIQAGQC[339]GNQIGAK	2
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	7.21	1.05	0.10	16	2	2	EIVHIQAGQC[330]GNQIGAK	2
							2	ALTVP[330]QVFDK	1
TBCD1_HUMAN (Q86TI0) TBC1 domain family member 1 [MASS=133083]	0.41	2.65	1.46	0.00	1	3	1	TSREL	1
							2	HVDHFGFIC[339]R	1
							2	IEGM[147]N[339]KLELQK	1
TBCD5_HUMAN (Q92609) TBC1 domain family member 5 [MASS=89004]	*	2.39	*	*	*	1	3	LEIAPQIYGLRWVRLLFGR	1

TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	*	0.31	*	*	*	1	1	VKVRHK	1
TE2IP_HUMAN (Q9NYB0) Telomeric repeat-binding factor 2-interacting protein 1 (TRF2-interacting telomeric protein Rap1) (hRap1) [MASS=44260]	*	3.26	*	*	*	1	2	FGAQNVARRIEFR	1
TENX_HUMAN (P22105) Tenascin-X precursor (TN-X) (Hexabrachion-like protein) [MASS=464454]	0.62	0.72	0.36	0.00	1	2	3 3	VRGEESEVTVGGLEPGC[330]KYK M[147]NLYGLRGRQR	1 1
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	*	1.07	*	*	*	3	1 3 3	VGISSR TC[339]DADASGTFR LEESPFNNQM[147]JR	1 1 1
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	0.55	2.11	0.58	0.00	1	1	2	QAAPC[330]VLFFDELDSIAK	1
THA_HUMAN (P10827) Thyroid hormone receptor alpha (C-erbA-alpha) (c-erbA-1) (EAR-7) (EAR7) [MASS=54815]	0.00	3.47	1.21	0.00	1	1	2	KC[339]IAVGMAM[147]DLVLDDSK	1
THIK_HUMAN (P09110) 3-ketoacyl-CoA thiolase, peroxisomal precursor (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Peroxisomal 3-oxoacyl-CoA thiolase) [MASS=44292]	*	5.42	*	*	*	1	3	DGSTTAGNSSQVSDGAAAILLAR	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	0.00	4.22	2.15	0.00	1	1	3	IHMGC[339]AENTAKKLNAR	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.91	8.70	0.55	0.00	1	1	2	VTSLTAC[330]LVDQSLR	1
THYG_HUMAN (P01266) Thyroglobulin precursor [MASS=304731]	0.00	1.05	*	*	*	1	3	AVLMGGSALSPAAVISHERAQQQAIALAK	1

TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	*	0.69	*	*	*	1	2	LSIYEDWDPFR	1
TLK2_HUMAN (Q86UE8) Serine/threonine-protein kinase tousled-like 2 (EC 2.7.11.1) (Tousled-like kinase 2) (PKU-alpha) [MASS=87660]	0.00	1.42	13.60	0.00	1	1	3	MAC[339]RDKSM[147]QDR	2
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	0.00	0.90	0.57	0.00	1	2	2 3	AC[330]QAATTDSELLK HTSALC[330]NAC[339]R	1 1
TM11D_HUMAN (O60235) Transmembrane protease, serine 11D precursor (EC 3.4.21.-) (Airway trypsin-like protease) [Contains: Transmembrane protease, serine 11D non-catalytic chain; Transmembrane protease, serine 11D catalytic chain] [MASS=46263]	0.00	4.31	*	*	*	1	3	DWIATSGISTTFPKLRM[147]R	1
TMPS7_HUMAN (Q7RTY8) Transmembrane protease, serine 7 precursor (EC 3.4.21.-) [MASS=64041]	0.00	4.20	14.24	0.00	1	2	3 3	M[147]LC[339]AGIM[147]SGKR ISSPYPSYPPK	1 1
TMPS9_HUMAN (Q7Z410) Transmembrane protease, serine 9 (EC 3.4.21.-) (Polyserase-1) (Polyserase-I) (Polyserine protease 1) [Contains: Serase-1; Serase-2; Serase-3] [MASS=114020]	*	2.93	*	*	*	2	3 2	WVAYVGATYLSGSEASTVR EDFLVKPEVLQK	1 1
TNR8_HUMAN (P28908) Tumor necrosis factor receptor superfamily member 8 precursor (CD30L receptor) (Lymphocyte activation antigen CD30) (KI-1 antigen) [MASS=63747]	*	3.70	*	*	*	1	3	AFPQDRPFEDTC[339]HGNPSHYDYK	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	0.92	4.28	1.67	0.00	1	2	2 2	ILLDQVEEAVADFDEC[330]IR YGLKPPTL	1 1
TOP1_HUMAN (P11387) DNA topoisomerase 1 (EC 5.99.1.2) (DNA topoisomerase I) [MASS=90725]	*	0.78	*	*	*	1	1	HKEHKK	1
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	*	0.35	*	*	*	1	1	SPAKRGR	2

TPA_HUMAN (P00750) Tissue-type plasminogen activator precursor (EC 3.4.21.68) (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Reteplase) [Contains: Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B] [MASS=62917]	0.00	1.96	29.92	0.00	1	1	3	RGARSYQVIC[339]R	6
TR11B_HUMAN (O00300) Tumor necrosis factor receptor superfamily member 11B precursor (Osteoprotegerin) (Osteoclastogenesis inhibitory factor) [MASS=46040]	0.00	4.49	1.31	0.00	1	1	2	GNATHDNIC[339]SGNSESTQK	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	*	1.13	*	*	*	1	1	SGSSDVGR	1
TREM2_HUMAN (Q9NZC2) Triggering receptor expressed on myeloid cells 2 precursor (Triggering receptor expressed on monocytes 2) (TREM-2) [MASS=25447]	0.00	8.70	0.90	0.00	1	1	3	GPC[330]QRVVSTHNLWLLSFLRR	1
TREX2_HUMAN (Q9BQ50) Three prime repair exonuclease 2 (EC 3.1.11.2) (3'-5' exonuclease TREX2) [MASS=30621]	0.00	6.81	3.43	0.00	1	1	3	AGSPLPRSSWPRM[147]DDC[339]GSR	1
TRI11_HUMAN (Q96F44) Tripartite motif-containing protein 11 (EC 6.3.2.-) (RING finger protein 92) (Protein BIA1) [MASS=52774]	0.00	4.27	1.33	0.00	1	1	3	EPLAAFC[339]GDELRLLC[339]AAC[339]ER	1
TRI29_HUMAN (Q14134) Tripartite motif-containing protein 29 (Ataxia-telangiectasia group D-associated protein) [MASS=65806]	0.00	1.02	22.86	0.00	1	1	2	C[339]PVHGK	2
TRI37_HUMAN (O94972) Tripartite motif-containing protein 37 (Mulibrey nanism protein) [MASS=107905]	*	4.05	*	*	*	2	3 3	ADPVYSPPLQVSGLC[330]WRLK SELISKSSEILMMFQQVHRK	1 1
TRI54_HUMAN (Q9BYV2) Tripartite motif-containing protein 54 (Muscle-specific RING finger protein 3) (MuRF3) (MURF-3) (Muscle-specific RING finger protein) (MuRF) (RING finger protein 30) [MASS=40328]	0.00	8.38	*	*	*	2	3 3	NELSDGIAMLVAGNDR PLLGDAHSMNLEK	1 1

TRI56_HUMAN (Q9BRZ2) Tripartite motif-containing protein 56 (RING finger protein 109) [MASS=81487]	*	0.79	*	*	*	1	1	GGRPNK	1
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	0.00	3.23	0.22	0.00	1	1	3	EDSPGPEVQPMQKFLVC[330]SIC[330]LDR	1
TRIM9_HUMAN (Q9C026) Tripartite motif-containing protein 9 (RING finger protein 91) [MASS=79177]	0.00	5.07	1.74	0.00	1	2	3	SWFM[147]HNNSHTNR	2
							3	EVYVGKETM[147]C[339]TVDGLHFNSTYNAR	1
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	0.00	0.64	*	*	*	1	3	LLGM[147]EDDIPLR	1
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	0.22	3.56	1.35	0.00	1	2	2	AFRSGEM[147]VTVGKSSDGTDPDR	1
							2	MYDLLLLKC[339]AR	1
TSKS_HUMAN (Q9UJT2) Testis-specific serine kinase substrate (Testis-specific kinase substrate) (STK22 substrate 1) [MASS=65050]	*	1.35	*	*	*	1	1	LLGGLGGR	2
TSSK3_HUMAN (Q96PN8) Testis-specific serine/threonine-protein kinase 3 (EC 2.7.11.1) (TSSK-3) (Testis-specific kinase 3) (TSK-3) (Serine/threonine-protein kinase 22C) [MASS=30102]	0.00	7.46	2.61	0.00	1	1	3	C[339]ENALLQGFNLKLTDFGFAK	1
TTC15_HUMAN (Q8WVT3) Tetratricopeptide repeat protein 15 (TPR repeat protein 15) [MASS=79361]	0.00	3.67	0.60	0.00	1	1	3	VM[147]YSM[147]ANC[330]LLLM[147]KDYVLAVDAYHSHVIK	1
UB2Q2_HUMAN (Q8WVN8) Ubiquitin-conjugating enzyme E2 Q2 (EC 6.3.2.19) (Ubiquitin-protein ligase Q2) (Ubiquitin carrier protein Q2) [MASS=42818]	0.00	7.47	*	*	*	1	3	VQFGANKNQYNLARAQQSYNSIVQIHEK	1
UBN1_HUMAN (Q9NPG3) Ubinuclein (Ubiquitously expressed nuclear protein) (VT4) [MASS=121540]	0.32	3.44	0.47	0.00	1	3	1	KVM[147]APSKIK	1
							3	TPASSSSALSHPAK	1
							3	C[330]PEFFYPELVKNIRGK	1

UBP11_HUMAN (P51784) Ubiquitin carboxyl-terminal hydrolase 11 (EC 3.1.2.15) (Ubiquitin thioesterase 11) (Ubiquitin-specific-processing protease 11) (Deubiquitinating enzyme 11) [MASS=105030]	*	2.83	*	*	*	2	3	NDSVIVDTFHGLFK	1
							3	PNSDDEDDGDEK	1
UBP37_HUMAN (Q86T82) Ubiquitin carboxyl-terminal hydrolase 37 (EC 3.1.2.15) (Ubiquitin thioesterase 37) (Ubiquitin-specific-processing protease 37) (Deubiquitinating enzyme 37) [MASS=110100]	*	1.12	*	*	*	1	3	QLSLKQSEENR	1
UBQL1_HUMAN (Q9UMX0) Ubiquilin-1 (Protein linking IAP with cytoskeleton 1) (PLIC-1) (hPLIC-1) [MASS=62519]	0.00	2.72	*	*	*	1	3	SHTDQLVLIFAGKILK	1
UBXD6_HUMAN (O00124) UBX domain-containing protein 6 (Rep-8 protein) (Reproduction 8 protein) [MASS=30541]	0.26	2.96	1.64	0.00	1	1	2	C[339]PSGNVLR	1
UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	*	1.70	*	*	*	1	3	EARGYYEQTGVGPLPVVLFNGMPFER	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	0.00	1.33	*	*	*	1	3	NLAQSQTLLGKEIK	2
UN13B_HUMAN (O14795) Unc-13 homolog B (Munc13-2) (munc13) [MASS=180683]	*	0.38	*	*	*	1	1	SHVYKK	1
UNC5C_HUMAN (O95185) Netrin receptor UNC5C precursor (Unc-5 homolog C) (Unc-5 homolog 3) [MASS=103101]	*	0.97	*	*	*	1	3	C[339]NSEVWHQK	1
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	2.50	2.10	0.02	3	1	2	LC[339]TSATESEVAR	1
							2	LC[330]TSATESEVAR	2
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	5.30	0.82	0.41	4	2	2	ENM[147]AYTVEC[339]LR	1
							2	NALANPLYC[330]PDYR	1
							2	NALANPLYC[339]PDYR	2

USH2A_HUMAN (O75445) Usherin precursor (Usher syndrome type-2A protein) (Usher syndrome type IIa protein) [MASS=575597]	*	0.46	*	*	*	2	3	QVGADPSAIDVC[339]K	1
							2	LVQDQSDELC[339]K	1
V1AR_HUMAN (P37288) Vasopressin V1a receptor (V1aR) (Vascular/hepatic-type arginine vasopressin receptor) (Antidiuretic hormone receptor 1a) (AVPR V1a) [MASS=46799]	0.00	7.18	1.01	0.00	1	1	3	HLQVFGM[147]FASAYMLVVM[147]TADRYIAVC[330]HPLK	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.00	3.73	0.06	0.00	1	1	3	FC[330]PFYKTVGMLSNMIAFYDMARR	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	*	2.92	*	*	*	1	3	PGGLPGSSC[339]NLGAAR	1
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	*	2.94	*	*	*	1	3	EQALAVSRNYLSQPR	1
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	4.26	1.99	0.03	3	1	2	YQIDPDAC[339]FSAK	2
							2	YQIDPDAC[330]FSAK	1
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	5.48	1.90	0.01	3	1	2	SC[330]SGVEFSTSGSSNTDTGK	1
							2	SC[339]SGVEFSTSGSSNTDTGK	2
VILI_HUMAN (P09327) Villin-1 [MASS=92563]	0.00	3.51	*	*	*	1	3	TEKQVVVEGQEPANFWMALGGKAPYANTK	1

VINC_HUMAN (P18206) Vinculin (Metavinculin) [MASS=123667]	0.00	5.30	*	*	*	4	2	IRTNLLQVC[330]ER	1
							1	ATM[147]LGR	1
							3	AVAGNISDPGLQKSFLDSGYRILGAVAK	1
							3	NPGNQAAEYEHFETM[147]K	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.30	7.89	1.13	0.00	1	1	2	SDPSIVLLLQC[330]DIQK	1
VPS11_HUMAN (Q9H270) Vacuolar protein sorting 11 (hVPS11) (RING finger protein 108) [MASS=107836]	0.00	1.17	13.05	0.00	1	1	3	VELDTHGC[339]GLR	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	0.00	2.28	0.86	0.00	1	3	3	TEPMQVALHC[339]TNGSVVYHEVLNAM[147]EC[330]K	1
							2	GC[330]SHPSVKC[330]K	1
							3	M[147]IPARFAGVLLALALILPGTLC[330]AEGTR	1
WDR69_HUMAN (Q8N136) WD repeat protein 69 [MASS=45777]	*	2.41	*	*	*	1	2	LEGHEGEISK	1
							2	FFYGC[339]R	6
WDR7_HUMAN (Q9Y4E6) WD repeat protein 7 (TGF-beta resistance-associated protein TRAG) (Rabconnectin-3 beta) [MASS=163809]	0.32	0.40	27.22	0.01	3	1			
WFDC1_HUMAN (Q9HC57) WAP four- disulfide core domain protein 1 precursor (Prostate stromal protein ps20) (ps20 growth inhibitor) [MASS=23976]	0.00	4.09	0.47	0.00	1	1	2	C[339]QADSEC[339]PR	1
WNK3_HUMAN (Q9BYP7) Serine/threonine- protein kinase WNK3 (EC 2.7.11.1) (Protein kinase with no lysine 3) (Protein kinase, lysine- deficient 3) [MASS=191788]	*	1.03	*	*	*	2	2	VDKLPSNVLR	1
							1	GAFKTVYK	1
YLPM1_HUMAN (P49750) YLP motif- containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	*	0.36	*	*	*	1	1	KGPVVAK	3
YYY1_HUMAN (P49646) Very very hypothetical protein RMSA-1 [MASS=48240]	0.23	5.02	*	*	*	1	3	ERFTSLILLNNM[147]HQMIFPM[147]VK	1
ZBT10_HUMAN (Q96DT7) Zinc finger and BTB domain-containing protein 10 (Zinc finger protein RIN ZF) [MASS=92444]	0.00	2.01	5.52	0.00	1	1	3	LQC[339]SFQTSWLKDFPWLK	1
ZBTB9_HUMAN (Q96C00) Zinc finger and BTB domain-containing protein 9 [MASS=50602]	0.00	4.44	7.68	0.00	1	1	3	METPTPLPPVPASPTC[339]NPAPR	1

ZCHC8_HUMAN (Q6NZY4) Zinc finger CCHC domain-containing protein 8 [MASS=78577]	0.00	2.69	0.59	0.00	1	1	3	SEAGHASSPDSEVTSLC[330]QK	1
ZEP1_HUMAN (P15822) Zinc finger protein 40 (Human immunodeficiency virus type I enhancer-binding protein 1) (HIV-EP1) (Major histocompatibility complex-binding protein 1) (MBP-1) (Positive regulatory domain II-binding factor 1) (PRDII-BF1) [MASS=297217]	0.00	2.28	3.35	0.00	1	3	3 KC[339]VDLGISVGLIDEQDTEESDEK 3 DLQVTNVQPLSANMSQGGVSRLETNENSHQK 2 KIPKSPLR	1 1 1	
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	0.00	5.16	0.31	0.00	1	1	3 SYAGKQTDEC[330]NEFGKALLYLK	1	
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	*	0.79	*	*	*	1	1 MM[147]NRFRK	1	
ZFYV9_HUMAN (O95405) Zinc finger FYVE domain-containing protein 9 (Mothers against decapentaplegic homolog-interacting protein) (Madh-interacting protein) (Smad anchor for receptor activation) (Receptor activation anchor) (hSARA) (Novel serine protease) [MASS=156402]	*	0.98	*	*	*	1	2 KQENYIPDEDLTGK	1	
ZIMP7_HUMAN (Q8NF64) PIAS-like protein Zimp7 [MASS=96536]	*	3.37	*	*	*	1	3 GPSVPAGMNPTGIGGVM[147]GPSGLSPLAMNPTR	1	
ZN141_HUMAN (Q15928) Zinc finger protein 141 [MASS=55249]	0.00	4.43	0.27	0.00	1	2	3 C[330]LDPDQQNLYR 3 TRHTGEKHFK	1 1	
ZN142_HUMAN (P52746) Zinc finger protein 142 (HA4654) [MASS=187865]	*	0.47	*	*	*	1	2 THMC[339]PEC[339]K	1	
ZN177_HUMAN (Q13360) Zinc finger protein 177 [MASS=36369]	0.00	9.35	1.32	0.00	1	3	3 THTGEKPYDC[330]KEC[330]GK 2 C[339]IQC[339]EK 2 HM[147]RSHTGEK	1 1 1	
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	*	1.25	*	*	*	2	1 HMATHM[147]SMK 3 KTHIASHFKHTELR 1 HM[147]ATHMSMK	1 1 1	
ZN239_HUMAN (Q16600) Zinc finger protein 239 (Zinc finger protein MOK-2) (HOK-2) [MASS=51530]	0.00	3.28	1.25	0.00	1	1	2 KVIKGESC[339]SENLQVK	1	
ZN257_HUMAN (Q9Y2Q1) Zinc finger protein 257 (Bone marrow zinc finger 4) (BMZF-4) [MASS=62348]	0.00	3.93	*	*	*	1	3 YDEC[330]C[339]KAFKWSSALTTLTQHK	1	

ZN273_HUMAN (Q14593) Zinc finger protein 273 (Zinc finger protein HZF9) [MASS=58045]	0.00	3.17	0.98	0.00	1	1	3	C[339]EDC[339]GKVFSVFSVLTK	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	1.55	0.06	0.00	1	1	3	M[147]YNC[330]PKC[330]DYGTVNPVEFR	1
ZN446_HUMAN (Q9NWS9) Zinc finger protein 446 [MASS=48957]	0.00	9.56	0.51	0.00	1	2	2	LRELC[339]C[330]QWLQPEAHSK	1
							3	SLTGPRSYPC[330]EEC[330]GC[330]SFSWKSQVLVIHR	1
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	*	2.27	*	*	*	3	1	QKYADGAFADFK	1
							3	IVSLLSSHSHHSSQK	1
							1	HRDFK	1
ZN497_HUMAN (Q6ZNH5) Zinc finger protein 497 [MASS=54712]	0.00	2.21	0.77	0.00	1	1	2	VHTGARPHAC[339]R	1
ZN570_HUMAN (Q96NI8) Zinc finger protein 570 [MASS=62330]	0.00	4.29	*	*	*	1	3	RELTKGLC[330]SGWEPIC[339]ETEELTPK	1
ZN596_HUMAN (Q8TC21) Zinc finger protein 596 [MASS=57907]	0.00	3.61	0.85	0.00	1	1	3	HERTHTGEKPYGC[330]HLC[330]GK	1
							3	QYKC[330]DVC[339]GKLFNHK	1
							3	VFSC[339]GSTLETHK	21
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	0.00	3.60	7.08	0.02	5	2			
ZN605_HUMAN (Q86T29) Zinc finger protein 605 [MASS=74376]	0.00	2.18	*	*	*	1	3	PQLLRHQRIHTGEK	2

ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	0.00	7.33	2.72	0.00	1	3	1	NLTSVGK	2
							2	EC[339]GNAFSFPSEIRRHK	1
							3	HC[339]GKAFISNYIRYHER	1
ZSWM4_HUMAN (Q9H7M6) Zinc finger SWIM domain-containing protein 4 [MASS=110167]	0.00	2.02	*	*	*	1	3	DSNGARMLILMTEQFLQDTR	1

**Table 9. EAD Mitochondrial Study
Experiment 3**

A = Protein Score
B = Percent Coverage
C = XPress H2L Ratio
D = XPress Std. Dev.

E = XPress Peptides
F = Unique Peptides
G = Charge
H = Instances

Description	A	B	C	D	E	F	G	Peptide Sequence	H
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	1.00	14.12	0.81	0.02	3	2	2	LIC[330]C[330]DILDVLDK	1
							3	LIC[339]C[339]DILDVLDKHLIPAANTGESK	1
							3	LIC[330]C[330]DILDVLDKHLIPAANTGESK	1
							3	LIC[330]C[339]DILDVLDKHLIPAANTGESK	1
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	1.00	7.76	0.80	0.03	3	1	3	ELETVC[339]NDVLSLLDKFLIK	1
							3	ELETVC[330]NDVLSLLDKFLIK	1
							2	ELETVC[330]NDVLSLLDKFLIK	1
							3	ELEAVC[330]QDVLSLLDNYLIK	1
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	24.80	0.89	0.15	5	4	2	NC[330]SETQYESK	1
							2	NC[330]SETQYESKVFFLK	1
							2	NC[339]SETQYESK	1
							2	ELEAVC[339]QDVLSLLDNYLIK	1
							2	ELEAVC[330]QDVLSLLDNYLIK	1
							3	NC[330]SETQYESKVFFLKM[147]K	1
							2	SIC[330]TTVLELLDK	1
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	1.00	39.18	0.90	0.06	3	5	2	YLAEVAC[330]GDDRK	1
							3	SIC[339]TTVLELLDKYLIANATNPESK	1
							3	LAEQAERYDDMATC[330]MKAVTEQGAELSNEER	1
							2	AKLAEQAERYDDM[147]ATC[330]M[147]K	1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	1.00	18.37	0.60	0.06	3	3	2	IETELRDIC[330]NDVLSLLEK	1
							2	NELVQKAKLAEQER	1
							3	IETELRDIC[330]NDVLSLLEK	1
							2	DIC[330]NDVLSLLEK	1
2A5A_HUMAN (Q15172) Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform (PP2A, B subunit, B' alpha isoform) (PP2A, B subunit, B56 alpha isoform) (PP2A, B subunit, PR61 alpha isoform) (PP2A, B subunit, R5 alpha isoform) [MASS=56193]	*	3.50	*	*	*	1	3	QNSAYNM[147]HSILSNTSAE	1

2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	1.00	6.80	0.84	0.02	3	2	3	DNTIEHLLPLFLAQLKDEC[330]PEVR	1
							2	LNIIISNLDC[330]VNEVIGIR	1
							3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1
2AAB_HUMAN (P30154) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform (PP2A, subunit A, PR65-beta isoform) (PP2A, subunit A, R1-beta isoform) [MASS=66201]	0.00	5.66	*	*	*	1	3	LLAVEAC[330]VSIAQLLSQDDLETLVMPTLRQAAEDK	1
2ABB_HUMAN (Q00005) Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform (PP2A, subunit B, B-beta isoform) (PP2A, subunit B, B55-beta isoform) (PP2A, subunit B, PR55-beta isoform) (PP2A, subunit B, R2-beta isoform) [MASS=51710]	0.00	8.58	1.40	0.00	1	2	2	LRDPATITTLRVPVLR	1
							3	FEC[330]VWNGSDSVIMTGSYNNFFR	1
2B17_HUMAN (P13761) HLA class II histocompatibility antigen, DRB1-7 beta chain precursor (MHC class I antigen DRB1*7) (DR-7) (DR7) [MASS=29822]	0.00	8.65	*	*	*	1	2	SGEVYTC[339]QVEHPSVMSPLTVEWR	1
3BP1_HUMAN (Q9Y3L3) SH3 domain-binding protein 1 (3BP-1) [MASS=75713]	0.44	6.42	0.55	0.00	1	3	2	RPAPARPTM[147]PPPQVSGSR	1
							2	ERTESEVPPR	1
							2	RLQAC[330]LQGQSGADM[147]DKR	1
41_HUMAN (P11171) Protein 4.1 (Band 4.1) (P4.1) (EPB4.1) (4.1R) [MASS=97016]	0.99	3.82	*	*	*	2	2	VC[330]VEHHTFFR	1
							3	FYPDPQAQLTEDITRYYLC[330]LQLR	1
5HT2A_HUMAN (P28223) 5-hydroxytryptamine 2A receptor (5-HT-2A) (Serotonin receptor 2A) (5-HT-2) [MASS=52603]	0.00	2.55	0.54	0.00	1	1	2	EATLC[330]VSDLGTR	1
A4_HUMAN (P05067) Amyloid beta A4 protein precursor (APP) (ABPP) (Alzheimer disease amyloid protein) (Cerebral vascular amyloid peptide) (CVAP) (Protease nexin-II) (PN-II) (APPI) (PreA4) [Contains: Soluble APP-alpha (S-APP-alpha); Soluble APP-beta (S-APP) [MASS=86943]	*	4.94	*	*	*	1	3	LVFFAEDVGSNKGAIIGLMVGGVVIATVIVITLVM[147]LKK	1

							2	VGAFTMVC[339]K	1
							1	DADEAK	1
							2	NLDKEYLPIGGLAEFC[339]K	2
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	19.53	1.85	0.08	8	6	2	HFIEQGINVC[330]LC[330]QSYAK	1
							2	NLDKEYLPIGGLAEFC[330]K	2
							2	TC[339]GFDFTGAVEDISK	1
							2	HFIEQGINVC[339]LC[339]QSYAK	1
							3	NLFAFFDM[147]AYQGFASGDGDK	1
ABCA3_HUMAN (Q99758) ATP-binding cassette sub-family A member 3 (ATP-binding cassette transporter 3) (ATP-binding cassette 3) (ABC-C transporter) [MASS=191361]	0.00	9.15	1.05	0.00	1	6	3	C[339]PEEVKQMLHIIGLEDKWNSR	1
							3	EGFLAVQHAVDRAIMEYHADAATR	1
							3	M[147]VAAQVLVPLTC[339]VTLALLAINYSSELFDDPM[147]LR	1
							2	ANM[147]AAAFGGFLYFFTYIPYFFVAPR	1
							3	VGKLVDSM[147]DIQAIQLPALQYQHERR	1
							3	QRIGYC[330]PQFDALLDHMTGREM[147]LVMYAR	1
ABCAC_HUMAN (Q86UK0) ATP-binding cassette sub-family A member 12 (ATP-binding cassette transporter 12) (ATP-binding cassette 12) [MASS=293249]	0.00	3.35	0.37	0.00	1	4	2	LGAM[147]FVALVSQGTMMFFSLRLINESLIK	1
							3	IGNSNANGISTPDDLSVSSSNFTDRDDK	1
							2	NMGVC[330]M[147]QHDVLFSYLTTK	1
							2	SVPLTQAMYRSNR	1
ACET_HUMAN (P22966) Angiotensin-converting enzyme, testis-specific isoform precursor (EC 3.4.15.1) (EC 3.2.1.-) (ACE-T) (Dipeptidyl carboxypeptidase I) (Kininase II) [Contains: Angiotensin-converting enzyme, testis-specific isoform, soluble form] [MASS=83330]	0.00	3.69	0.46	0.00	1	1	3	QC[330]TTVNLEDLVVAHHEM[147]GHIQYFMQYK	1
ACL6B_HUMAN (O94805) Actin-like protein 6B (53 kDa BRG1-associated factor B) (Actin-related protein Baf53b) (ArpNalpha) [MASS=46877]	*	10.33	*	*	*	2	2	SEPNLHPVLMSEAPWNTRAK	1
							2	MSGGVYGGDEVGALVFDIGSFVR	1
ACL7A_HUMAN (Q9Y615) Actin-like protein 7A (Actin-like-7-alpha) (Actin-like 7A) [MASS=48644]	*	2.76	*	*	*	1	2	PYM[147]ETAKTGDNR	1
							3	VAVPSTIHC[339]DHLIEAQVGGEK	2
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	6.15	1.77	0.04	6	2	3	VAVPSTIHC[330]DHLIEAQVGGEK	1
							2	VAVPSTIHC[330]DHLIEAQVGGEK	1
							3	HGIRWVVGIDENYGEGSSREHAALPR	1
							2	VAVPSTIHC[339]DHLIEAQVGGEK	2

ACOT1_HUMAN (Q86TX2) Acyl-coenzyme A thioesterase 1 (EC 3.1.2.2) (Acyl-CoA thioesterase 1) (Inducible cytosolic acyl-coenzyme A thioester hydrolase) (Long chain acyl-CoA thioester hydrolase) (Long chain acyl-CoA hydrolase) (CTE-I) (CTE-Ib) [MASS=46277]	*	8.08	*	*	*	1	3	AGRVRGTLFLPPEPGPFPGIVDM[147]FGTGGGLLEYR	1
ACOT9_HUMAN (Q9Y305) Acyl-coenzyme A thioesterase 9 (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) [MASS=46354]	1.00	8.13	1.13	0.00	2	3	2 MRRAPC[339]VR 2 SLEIC[339]HPQER 2 SLEIC[330]HPQER 3 VLPSNAVWMENSKLK	1 1 1 1	
ACOX2_HUMAN (Q99424) Acyl-coenzyme A oxidase 2, peroxisomal (EC 1.17.99.3) (3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA 24-hydroxylase) (3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanoyl-CoA oxidase) (Trihydroxycoprostanoyl-CoA oxid [MASS=76826]	0.00	7.05	3.80	0.00	1	2	3 RLC[339]DLHAIHGILTNSGDFLHDAFLSGAQVDMAR 3 LTNILDGGAQNTALR	1 1	
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	30.77	1.39	0.11	5	3	2 LM[147]C[339]PQEIVDYIADKK 3 LM[147]C[339]PQEIVDYIADKKDVYE 2 LMC[339]PQEIVDYIADKK 2 LM[147]C[339]PQEIVDYIADK 2 LM[147]C[339]PQEIVDYIADKKDVYE	1 1 1 1 1	
ACSL4_HUMAN (O60488) Long-chain-fatty-acid--CoA ligase 4 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 4) (LACS 4) [MASS=79188]	*	9.28	*	*	*	3	2 VKALLGGNVRM[147]M[147]LSGGAPLSPQTHR 3 PKGVMM[147]HHSNLIAGM[147]TGQC[339]ER 2 GDC[339]TVLKPTLMAAVPEIMDR	1 1 1	

								1	C[339]DVIDIRK	2
								2	EKLC[330]YVALDFEQEM[147]ATAASSSSLEK	2
								3	EKLC[330]YVALDFEQEM[147]ATAASSSSLEK	1
								3	FRC[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIMK	1
								2	IWHHTFYNELR	1
								3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIMK	1
								3	FRC[330]PEALFQPSFLGMESC[330]GIHETTFNSIMK	1
								1	C[330]DVIDIRK	1
								3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
								3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	3
								2	DLYANTVLSGGTTMYPGIADRMQK	1
								2	C[339]DVIDIRK	2
								2	KDLYANTVLSGGTTM[147]YPGIADRMQK	1
								3	C[339]PEALFQPSFLGMESC[339]GIHETTFNSIM[147]K	1
								3	C[330]PEALFQPSFLGMESC[330]GIHETTFNSIMK	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	40.00	0.73	0.12	12	7				
								2	YC[339]FPNYVGRPK	1
ACTY_HUMAN (P42025) Beta-centractin (Actin-related protein 1B) (ARP1B) [MASS=42293]	0.00	2.93	*	*	*	1				
ACTZ_HUMAN (P61163) Alpha-centractin (Centractin) (Centrosome-associated actin homolog) (Actin-RPV) (ARP1) [MASS=42613]	0.00	5.32	0.09	0.00	1	1		2	AEEHRGLLSIRYPMEHGIVK	1
ACVR1_HUMAN (Q04771) Activin receptor type-1 precursor (EC 2.7.11.30) (Activin receptor type I) (ACTR-I) (Serine/threonine-protein kinase receptor R1) (SKR1) (Activin receptor-like kinase 2) (ALK-2) (TGF-B superfamily receptor type I) (TSR-I) [MASS=57153]	*	2.36	*	*	*	1		3	QITLLEC[330]VGKGR	1
ACY2_HUMAN (P45381) Aspartoacylase (EC 3.5.1.15) (Aminoacylase-2) (ACY-2) [MASS=35735]	0.00	12.14	0.31	0.00	1	2		3	TIPLGGDC[330]TVYPVFVNEAAYYEKK	1
								2	EAFAKTTKLTNAK	1
ADA12_HUMAN (O43184) ADAM 12 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 12) (Meltrin alpha) [MASS=99641]	0.00	2.86	3.03	0.00	1	1		2	LLQC[339]QNVDISRPLNGLNVPQPQSTQR	1

ADA18_HUMAN (Q9Y3Q7) ADAM 18 precursor (A disintegrin and metalloproteinase domain 18) (Transmembrane metalloproteinase-like, disintegrin-like, and cysteine-rich protein III) (tMDC III) [MASS=82856]	*	3.65	*	*	*	1	3	SDGTDNAYVADGTM[147]C[339]GPEM[147]YC[330]VNKTC[330]R	1
							3	SDGTDNAYVADGTM[147]C[330]GPEMYC[330]VNKTC[339]R	1
ADA22_HUMAN (Q9P0K1) ADAM 22 precursor (A disintegrin and metalloproteinase domain 22) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 2) (Metalloproteinase-disintegrin ADAM22-3) [MASS=100432]	0.89	5.41	0.63	0.00	1	3	3	DQLKTRIVLVAM[147]ETWATDNK	1
							2	HISDIC[330]ENGRPR	1
							2	DVLC[330]GYLLC[330]TNIGNIPR	1
ADA23_HUMAN (O75077) ADAM 23 precursor (A disintegrin and metalloproteinase domain 23) (Metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3) (MDC-3) [MASS=91926]	0.99	4.57	0.50	0.00	1	2	2	RSSLSYFGGVC[330]SR	1
							3	DAVNEC[330]DITEYC[330]TGDSGQC[330]PPNLHK	1
ADAM2_HUMAN (Q99965) ADAM 2 precursor (A disintegrin and metalloproteinase domain 2) (Fertilin subunit beta) (PH-30) (PH30) [MASS=82457]	0.00	2.86	5.25	0.00	1	1	3	C[339]QC[339]SGAVC[339]IM[147]NPEAIHFSGVK	1
ADAM8_HUMAN (P78325) ADAM 8 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 8) (Cell surface antigen MS2) (CD156a antigen) (CD156) [MASS=88673]	0.00	4.13	0.55	0.00	1	2	2	C[339]IM[147]AGSIGSSFPR	1
							3	PPPAPPVTVSSPPFPVPVYTR	1
ADCY5_HUMAN (O95622) Adenylate cyclase type 5 (EC 4.6.1.1) (Adenylate cyclase type V) (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5) (Fragment) [MASS=100876]	0.00	5.93	0.96	0.00	1	4	2	ADINAKQEDM[147]M[147]FHK	1
							2	M[147]DSTGVPDR	1
							2	HVAMEMKADINAKQEDMM[147]FHK	1
							2	VHC[339]GVLGLR	1
ADCY6_HUMAN (O43306) Adenylate cyclase type 6 (EC 4.6.1.1) (Adenylate cyclase type VI) (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenylyl cyclase) [MASS=130615]	0.00	2.14	*	*	*	1	3	KPQYDIWGNTNVNSSRMDSTGVPDR	1
ADDA_HUMAN (P35611) Alpha-adducin (Erythrocyte adducin subunit alpha) [MASS=80955]	0.00	2.31	0.71	0.00	1	1	2	C[330]VVHIHTPAGAAVSAMK	1

ADDB_HUMAN (P35612) Beta-adducin (Erythrocyte adducin subunit beta) [MASS=80722]	*	3.59	*	*	*	1	3	GSSC[339]FPVDTTGFC[330]LHSAIYAARPDVR	1
ADIPO_HUMAN (Q15848) Adiponectin precursor (Adipocyte, C1q and collagen domain- containing protein) (30 kDa adipocyte complement-related protein) (Adipocyte complement-related 30 kDa protein) (ACRP30) (Adipose most abundant gene transcript 1) (apM-1) (Gel [MASS=26413])	0.22	15.98	0.80	0.00	1	2	1 DGTPGEK 3 GAC[339]TGWM[147]AGIPGHPGHNGAPGRDGRDGTGPEK	1 1	
ADMP_HUMAN (Q8NFR3) Protein ADMP [MASS=9198]	0.00	13.16	0.56	0.00	1	1	2 IC[339]GYHSTISN	1	
ADO_HUMAN (Q06278) Aldehyde oxidase (EC 1.2.3.1) [MASS=147930]	*	0.97	*	*	*	1	2	VAVEKFNAENYWK	1
ADRO_HUMAN (P22570) NADPH:adrenodoxin oxidoreductase, mitochondrial precursor (EC 1.18.1.2) (Adrenodoxin reductase) (AR) (Ferrodoxin reductase) (Ferrodoxin--NADP(+) reductase) [MASS=53836]	*	8.55	*	*	*	2	3 PVSFSDWEKLDAAEEVAR 2 GPTGVIATTM[147]TDSFLTGM[147]LLQDLK	1 1	

								2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	6
								2	EFHGLGDC[339]IIK	1
								1	EFHGLGDC[339]IIK	4
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	12.79	1.69	0.02	7	2		2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	10
								2	EFHGLGDC[330]IIK	1
								1	EFHGLGDC[330]IIK	1
								3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	4
								3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	2.69	0.44	0.00	1	1		1	GLGDC[330]LVK	1
								2	GLGDC[339]LVK	1

AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia) [MASS=453664]	*	2.40	*	*	*	4	3	EHYVAVQLLKEEC[330]GTLKAVIQC[339]LR	1
							2	AENVQSC[339]DTQVSSLLDGVVTM[147]TSRGAEGSVSK	1
							3	EILLSNSDPHDIPESKDC[339]VLTISEEM[147]FSKDK	1
							2	AVIQC[330]LR	2
AKT1_HUMAN (P31749) RAC-alpha serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT) [MASS=55686]	*	4.79	*	*	*	2	2	EGIKDGATM[147]K	1
							3	DGHIKITDFGLC[339]K	1
AKT2_HUMAN (P31751) RAC-beta serine/threonine-protein kinase (EC 2.7.11.1) (RAC-PK-beta) (Protein kinase Akt-2) (Protein kinase B, beta) (PKB beta) [MASS=55768]	*	2.49	*	*	*	1	3	AIQMVANSLKQR	1
AL2SF_HUMAN (Q6ZP36) Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 16 protein [MASS=44221]	0.00	12.07	*	*	*	2	3	C[339]C[330]LLHLFGAIVAGGQRNALQAISPATMEVLM[147]R	1
							3	LLNSDHSALPNQRR	1
AL7A1_HUMAN (P49419) Aldehyde dehydrogenase family 7 member A1 (EC 1.2.1.3) (Antiquitin-1) [MASS=55235]	0.95	6.47	1.23	0.00	1	2	2	LPGAIC[339]SLTC[339]GGADIGTAM[147]AKDER	1
							2	STC[339]TINYSK	1
							3	VHTEC[339]C[339]HGDILLEC[339]ADDRADLAK	1
							2	LKEC[339]C[339]EKPLLEK	1
							2	ALVLIAFAQYLQQC[330]PFEDHVK	1
							2	NEC[339]FLQHKDDNPNLRLVR	1
							2	LKEC[330]C[330]EKPLLEK	1
							2	C[339]C[339]AAADPHEC[339]YAK	1
							2	C[330]C[330]AAADPHEC[330]YAK	1
							3	LKEC[330]C[330]EKPLLEK	1
							3	QEPERNEC[339]FLQHKDDNPNLPR	1
							2	ADDKETC[330]FAEEGKK	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	25.12	0.73	0.07	10	9	3	QEPERNEC[330]FLQHKDDNPNLPR	1
							2	DDKTC[330]FAEEGKK	1
							3	QEPERNEC[330]FLQHKDDNPNLPR	1
							1	DVC[339]KNYAEAK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	7.16	1.31	0.05	2	2	3	TFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							2	LLC[339]GGGIAADR	1

ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	1.00	32.23	0.80	0.21	8	8	3	QLLLTADDRVNPC[330]IGGVILFHETLYQK	1
							1	C[330]AQYK	1
							3	ALSDHHIYLEGTLLKPNM[147]VTPGHAC[330]TQK	1
							2	C[339]AQYKK	1
							3	QLLLTADDRVNPC[339]IGGVILFHETLYQK	1
							3	ADDGRPFPPQVIKSK	1
							2	VNPC[330]IGGVILFHETLYQK	1
ALDOB_HUMAN	0.00	4.96	*	*	*	1	2	GILAADESVGTM[147]GNRLQR	1
							2	ALSDHHVYLEGTLLKPNM[147]VTPGHAC[339]PIK	1
							2	DC[330]DRYDDLC[330]SYM[147]SWK	1
							2	EPSSTGVSNGLLHR	1
							2	PIVNYKQAFPDGHLPEEALK	1
							2	ERQRQQR	1
							2	AC[339]NPSYSGGXGR	1
ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	0.00	7.71	*	*	*	1	2	VEKLQQALTQLQSAC[330]EKR	1
							3	RISTILFGAAYTC[330]LEAATGR	1
							3	M[147]GNLHTWDGPLPPSWHIKQLYLQHR	1
							1	EIPIIK	1
							2	EDDVFLTELM[147]KLANRFQLQLLR	1
							3	ENAAIFDLFLEC[339]MPGYPLDK	1
							3	KHHC[330]RHC[330]GR	1
ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	*	1.37	*	*	*	4	3	PDADGSTVLLLAYM[147]KGNANLC[339]RAIVR	1
							2	ALANSLAC[330]QGK	2
							2	ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	
							2	ALDOC_HUMAN (P09972) Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) [MASS=39324]	
							2	ALMS1_HUMAN (Q8TCU4) Alstrom syndrome protein 1 [MASS=460933]	
							2	ALU8_HUMAN (P39195) Alu subfamily SX sequence contamination warning entry [MASS=64492]	
							2	AMOL1_HUMAN (Q8IY63) Angiomotin-like protein 1 [MASS=106573]	
ALU8_HUMAN (P39195) Alu subfamily SX sequence contamination warning entry [MASS=64492]	*	2.03	*	*	*	1	2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
AMOL1_HUMAN (Q8IY63) Angiomotin-like protein 1 [MASS=106573]	*	1.88	*	*	*	1	2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
							2	VEKLQQALTQLQSAC[330]EKR	1
AMPB_HUMAN (Q9H4A4) Aminopeptidase B (EC 3.4.11.6) (Ap-B) (Arginyl aminopeptidase) (Arginine aminopeptidase) [MASS=72595]	0.00	3.08	0.35	0.00	1	1	3	RISTILFGAAYTC[330]LEAATGR	1
							3	RISTILFGAAYTC[330]LEAATGR	1
							3	RISTILFGAAYTC[330]LEAATGR	1
							3	RISTILFGAAYTC[330]LEAATGR	1
							3	RISTILFGAAYTC[330]LEAATGR	1
							3	RISTILFGAAYTC[330]LEAATGR	1
							3	RISTILFGAAYTC[330]LEAATGR	1
ANAG_HUMAN (P54802) Alpha-N-acetylglucosaminidase precursor (EC 3.2.1.50) (N-acetyl-alpha-glucosaminidase) (NAG) [Contains: Alpha-N-acetylglucosaminidase 82 kDa form; Alpha-N-acetylglucosaminidase 77 kDa form] [MASS=82166]	*	3.36	*	*	*	1	3	M[147]GNLHTWDGPLPPSWHIKQLYLQHR	1
							3	M[147]GNLHTWDGPLPPSWHIKQLYLQHR	1
							3	M[147]GNLHTWDGPLPPSWHIKQLYLQHR	1
							3	M[147]GNLHTWDGPLPPSWHIKQLYLQHR	1
							3	M[147]GNLHTWDGPLPPSWHIKQLYLQHR	1
							3	M[147]GNLHTWDGPLPPSWHIKQLYLQHR	1
							3	M[147]GNLHTWDGPLPPSWHIKQLYLQHR	1
ANFY1_HUMAN (Q9P2R3) Ankyrin repeat and FYVE domain-containing protein 1 (Ankyrin repeats hooked to a zinc finger motif) [MASS=128398]	0.00	7.19	0.21	0.00	1	5	1	EIPIIK	1
							2	EDDVFLTELM[147]KLANRFQLQLLR	1
							3	ENAAIFDLFLEC[339]MPGYPLDK	1
							3	KHHC[330]RHC[330]GR	1
							3	PDADGSTVLLLAYM[147]KGNANLC[339]RAIVR	1
							3	PDADGSTVLLLAYM[147]KGNANLC[339]RAIVR	1
							3	PDADGSTVLLLAYM[147]KGNANLC[339]RAIVR	1

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.99	2.68	0.91	0.04	2	7	3	NGYTPLHIAAKK	1
							2	PNATTANGNTALAIK	1
							2	GLVHQAIC[330]NLNITLPIYTK	1
							3	C[339]LLRNGALVDAR	1
							3	AESPQADC[330]PSESFSSSSSLPHC[330]LVSEGK	1
							1	EDAAGGKEK	1
ANKR5_HUMAN (Q9NU02) Ankyrin repeat domain-containing protein 5 [MASS=86664]	0.00	7.86	0.35	0.00	1	3	2	QKQPQEK GK	1
							3	KEEELLSSYGVPTTSEGKK	1
							3	M[147]GC[330]TPTM[147]RAAELGHELSM[147]EILAKAK	1
							2	MGC[330]TPTM[147]RAAELGHELSMEILAKAK	1
ANR11_HUMAN (Q6UB99) Ankyrin repeat domain-containing protein 11 (Ankyrin repeat-containing cofactor 1) [MASS=298068]	*	2.44	*	*	*	4	3	KGHSAMDVAKAYADYR	1
							2	ELISEGADVNVK	1
							2	KDSGQYKDFLEADAYGVSYNMK	1
							2	GQEPGLTAFLEVSFTEPPGDDKPR	1
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	1.00	15.09	1.64	0.00	2	3	1	HAAEDK	2
							3	GDLENAFLNLVQC[339]IQNKPLYFADR	1
							2	EM[147]YKTDLEK	1
							3	GDLENAFLNLVQC[330]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	1.00	5.21	0.99	0.05	3	3	2	RAEDGSVIDYELIDQDAR	1
							2	LIVGLM[147]RPPAYC[339]DAK	1
							2	QRQEV C[339]QSYK	1
							2	QRQEV C[330]QSYK	1
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.72	6.64	1.64	0.00	1	3	2	M[147]LVVLLQGTR	1
							1	KIC[339]ELYAK	1
							2	NQLIQRLPM[147]GAVIKC[330]MMYYK	1
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	*	1.16	*	*	*	1	1	IC[339]ELYAK	2
							1	C[330]JVVYK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	1.00	3.06	*	*	*	3	2	C[330]JVVYK	1
							2	C[330]LKDEDPPYVRK	1
							2	C[330]VSTLLDLIQT K	1
							2	TM[147]GC[330]JIR	1

Protein Name	AP2A1_HUMAN (O95782)	AP2A2_HUMAN (O94973)	AP2B1_HUMAN (P63010)	AP2M1_HUMAN (Q96CW1)	APCD1_HUMAN (Q8J025)	APMAP_HUMAN (Q9HDC9)	APOD_HUMAN (P05090)	AP2A1_HUMAN (O95782)	AP2A2_HUMAN (O94973)	AP2B1_HUMAN (P63010)	AP2M1_HUMAN (Q96CW1)	APCD1_HUMAN (Q8J025)	APMAP_HUMAN (Q9HDC9)	APOD_HUMAN (P05090)
subunit alpha-1 (Adapter-related protein complex 2 alpha-1 subunit) (Alpha-adaptin A) (Adaptor protein complex AP-2 alpha-1 subunit) (Clathrin assembly protein complex 2 alpha-A large chain) (100 kDa coated vesicle prote [MASS=107554])	1.00	0.25	1.00	0.00	*	0.00	1.00	3	2	2	2	1	2	2
subunit alpha-2 (Adapter-related protein complex 2 alpha-2 subunit) (Alpha-adaptin C) (Adaptor protein complex AP-2 alpha-2 subunit) (Clathrin assembly protein complex 2 alpha-C large chain) (100 kDa coated vesicle prote [MASS=103960])	10.95	4.47	5.12	5.98	6.42	5.53	6.35	2	2	2	2	3	2	2
subunit beta-1 (Adapter-related protein complex 2 beta-1 subunit) (Beta-adaptin) (Plasma membrane adaptor HA2/AP2 adaptin beta subunit) (Clathrin assembly protein complex 2 beta large chain) (AP105B) [MASS=104552])	0.83	1.77	0.77	1.56	*	0.81	1.58	6	1	3	1	2	1	2
subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654])	0.13	0.00	0.16	0.00	*	0.00	0.00	7	2	2	2	2	2	2
precursor (Adenomatosis polyposis coli down-regulated 1 protein) [MASS=58796]														
Adipocyte plasma membrane-associated protein (BSCv protein) [MASS=46480]														
Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]														
Sequence	EM[147]GEAFAADIPR AC[339]NQLGQFLQHR AC[330]NQLGQFLQHR TVFEALQAPAC[339]HENM[147]VK FHLIC[330]SVATR SKFKGDK VAAQVDGGAQVQQVLNIEC[330]LRDFTPLLSVR DVSVRQRAADLLYAMC[330]DR	AVDLLYAMC[339]DR LSRIVTSASTDLQDYTYFVPAPWLSVKLLR	VIAAM[147]TVGKDVSSLFPDVVNC[330]MQTDNLELKK FLELLPKDSYYNM[147]LLK	QSI AIDDC[330]TFHQ C[330]VR MC[330]DVMAAYFGK	LGQQVNR MFYRPSSYQPPLQNAKNH DHAC[339]IAC[330]R	VYVSGLM[147]K TRDDEPVC[330]GRPLGIR	KM[147]TVTDQVNC[330]PK KM[147]TVTDQVNC[339]PK	1	1	1	1	1	1	1

AR6P1_HUMAN (Q15041) ARL-6-interacting protein 1 (ADP-ribosylation-like factor 6-interacting protein 1) (Aip-1) [MASS=23363]	0.00	11.33	1.19	0.00	1	2	2	FHEIC[339]SNLVK	1
							2	FHEIC[339]SNLVKTRR	1
ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	0.39	1.46	1.36	0.00	1	1	2	HGVQEC[330]ILLVTQR	1
ARI1B_HUMAN (Q8NFD5) AT-rich interactive domain-containing protein 1B (ARID domain-containing protein 1B) (Osa homolog 2) (hOsa2) (p250R) (BRG1-binding protein hELD/OSA1) (BRG1-associated factor 250b) (BAF250B) [MASS=236122]	*	3.35	*	*	*	3	2	RC[330]IC[330]VSNIVRSLSFVPGNDAEM[147]SK	1
							3	RNSM[147]TPNAPYQQGM[147]SM[147]PDVMGRMPYEPNK	1
							3	RNSMTPNAPYQQGMSMPDVMGR	1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	2.47	*	*	*	2	2	TSDC[339]IGSEGMKNLNFEQHFER	1
							2	RRLNDELLGK	1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	*	2.45	*	*	*	2	3	VGVRIVTISDPNNAGC[330]SATMVAVPAGADPSTVAK	1
							3	KIEVMENPSC[339]R	1
ARL4C_HUMAN (P56559) ADP-ribosylation factor-like protein 4C (ADP-ribosylation factor-like protein 7) (ADP-ribosylation factor-like protein LAK) [MASS=21487]	0.00	13.54	0.32	0.00	1	1	3	C[330]TDGIIYVVDSDVDRLLEEAKTELHK	1
ARMX3_HUMAN (Q9UH62) Armadillo repeat-containing X-linked protein 3 (Protein ALEX3) (ARM protein lost in epithelial cancers on chromosome X 3) [MASS=42500]	*	10.55	*	*	*	2	3	FM[147]AKLAEHM[147]FPKSQE	1
							2	PYILEAALIALGNNAAYAFNRDIIR	1

ARTS1_HUMAN (Q9NZ08) Adipocyte-derived leucine aminopeptidase precursor (EC 3.4.11.-) (A-LAP) (ARTS-1) (Aminopeptidase PILS) (Puromycin-insensitive leucyl-specific aminopeptidase) (PILS-AP) (Type 1 tumor necrosis factor receptor shedding aminopeptidase r [MASS=105846]	*	4.63	*	*	*	2	2	SGVKVSVYAVPDK	1
							3	EGELRILASTQFEPTAARMAFPC[330]FDEPAFK	1
ARX_HUMAN (Q96QS3) Homeobox protein ARX (Aristaless-related homeobox) [MASS=58160]	*	2.14	*	*	*	1	2	ADPEKAVQGSPK	4
ASB10_HUMAN (Q8WXI3) Ankyrin repeat and SOCS box protein 10 (ASB-10) [MASS=46609]	*	2.10	*	*	*	1	1	VWPGALPKK	1
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+)-ATPase subunit alpha) [MASS=115898]	0.00	0.58	*	*	*	1	2	KNC[330]LVK	2
							2	KNC[339]LVK	1
AT131_HUMAN (Q9HD20) Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) [MASS=132954]	0.00	2.82	1.08	0.00	1	2	2	SPQENLVPC[339]DVLLLR	1
							3	KFGSNTAEMVVPDFSELFK	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+-ATPase 1) [MASS=112895]	1.00	13.20	0.54	0.25	10	9	2	NIAFFSTNC[330]VEGTAR	1
							2	C[339]SSILLHGK	1
							2	NLEAVETLGSTSTIC[330]SDKTGTLTQNR	1
							2	IAGLC[330]NR	1
							2	NLEAVETLGSTSTIC[330]SDK	1
							2	ILDRC[339]SSILLHGK	1
							2	IISANGC[339]K	1
							1	IISANGC[330]K	1
							2	AC[330]VVHGSDLK	1
							2	C[330]SSILLHGK	1
							3	IPADLR IISANGC[330]KVDNSSLTGESEPTQR	1
							2	AC[339]VVHGSDLK	1
							2	IISANGC[330]K	1
							1	C[330]SSILLHGK	2
							1	C[339]SSILLHGK	1

AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	1.00	2.25	0.52	0.01	2	2	2	IISSHGC[330]K	1
							2	NIC[330]FFSTNC[330]VEGTAR	1
							2	YNTDC[339]VQGLTHSK	1
							2	KYNTDC[330]VQGLTHSK	2
							2	NITFFSTNC[330]VEGTAR	2
							2	VLGFC[330]HYYLPEEQFPK	2
							2	AC[330]VIHGTDLK	1
							2	M[147]SVEEVC[330]R	1
							1	C[330]IELSSGSVK	2
							2	C[330]IELSSGSVK	1
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	15.40	0.51	0.30	29	12	1	C[330]STILLQGK	1
							2	SPDC[339]THDNPLETR	2
							3	AC[330]VIHGTDLKDFTSEQIDEILQNHTEIVFAR	1
							1	SPDC[330]THDNPLETR	1
							2	VLGFC[339]HYYLPEEQFPK	2
							2	NITFFSTNC[339]VEGTAR	1
							1	IISAHGC[330]K	2
							2	YNTDC[330]VQGLTHSK	1
							2	IISAHGC[339]K	1
							2	KYNTDC[339]VQGLTHSK	1
							2	M[147]SVEEVC[330]RK	1
							2	SPDC[330]THDNPLETR	2
							2	M[147]SVEEVC[339]R	1

								2	YNPNVLPVQC[330]TGKR	2
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	36.96	0.53	0.22	10	6	3	DSAQRDDM[147]IFEDC[330]GDVPSEPKER	1	
							3	YKDSAQRDDM[147]IFEDC[339]GDVPSEPK	1	
							1	YNPNVLPVQC[330]TGK	2	
							2	DSAQRDDM[147]IFEDC[330]GDVPSEPK	1	
							2	YNPNVLPVQC[330]TGK	2	
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	4.41	1.05	0.12	7	4	2	DDM[147]IFEDC[330]GDVPSEPKER	1	
							2	YNPNVLPVQC[339]TGK	1	
							2	C[339]THIR	1	
							2	VSFYQLSHFLQC[330]JK	1	
							2	NYLEPGKEC[330]VQPATK	1	
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	*	2.88	*	*	*	1	2	VSFYQLSHFLQC[339]JK	1	
							2	SMSVYC[339]TPNKPSR	1	
							2	SM[147]SVYC[339]TPNKPSR	1	
							2	SM[147]SVYC[330]TPNKPSR	1	
							3	FPTTMALSVLVTIEMC[339]NALNSVSENQSLLR	1	
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.99	6.76	0.48	0.21	2	5	2	HLDAC[330]ETM[147]GNATAIC[330]SDK	1	
							2	AGLLM[147]SAITVIILVLYFVIDTFWVQKR	1	
							2	KIQESYGDVYGIC[330]JTK	1	
							2	SSPTDKHTLVK	1	
							3	TEC[330]ALLGLLDLKR	1	
AT2B2_HUMAN (Q01814) Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) [MASS=136875]	1.00	10.62	0.64	0.09	4	7	2	IKETYGDTEAIC[330]R	1	
							2	TEC[330]GLLGFVLDLKQDYEPVR	1	
							3	TEC[330]GLLGFVLDLKQDYEPVR	1	
							3	KQIFGQNFIPPKK	1	
							1	MYSKGASEIVLKK	1	
							2	C[330]GIIHPGEDFLC[330]LEGK	1	
							2	KSVDKDPM[147]LLSGTHVM[147]EGSGR	1	
3	LTKLAVQIGKAGLVMSAITVIILVLYFTVDTFVVNK									

AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	1.00	3.14	0.59	0.11	4	2	3	TEC[330]ALLGFVTDLKQDYQAVR	2
							2	TEC[330]ALLGFVTDLKQDYQAVR	1
							2	DALTQINVHYGGVQNLC[330]SR	1
AT2C1_HUMAN (P98194) Calcium-transporting ATPase type 2C member 1 (EC 3.6.3.8) (ATPase 2C1) (ATP-dependent Ca(2+) pump PMR1) [MASS=100577]	*	5.22	*	*	*	2	2	C[339]GKAKGVVIGTGENSEFGEVFK	1
							3	GVVIGTGENSEFGEVFKM[147]M[147]QAEAPK	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.77	2.34	1.94	0.00	1	1	1	C[339]IADLK	3
							1	C[330]IADLK	1
AT8A1_HUMAN (Q9Y2Q0) Probable phospholipid-transporting ATPase IA (EC 3.6.3.1) (Chromaffin granule ATPase II) (ATPase class I type 8A member 1) [MASS=131368]	0.99	4.81	0.79	0.00	1	3	3	KNM[147]GM[147]IVINEGSLDGTR	2
							2	SESLQQLLHGAFSQDENGIVSQSEVIR	1
							2	FC[330]NNHVSTAK	1
ATD3A_HUMAN (Q9NVI7) ATPase family AAA domain-containing protein 3A [MASS=71369]	0.00	5.84	1.55	0.00	1	2	2	KC[339]SEVAR	1
							3	LALHSGM[147]DYAIM[147]TGGDVAPMGREGVTAMHK	1
ATD3B_HUMAN (Q5T9A4) ATPase family AAA domain-containing protein 3B [MASS=72572]	0.00	3.86	*	*	*	1	3	DGVLTEAM[147]MDAC[339]VQDAVQQYRQKM[147]R	1
ATF6B_HUMAN (Q99941) Cyclic AMP-dependent transcription factor ATF-6 beta (Activating transcription factor 6 beta) (ATF6-beta) (cAMP-responsive element-binding protein-like 1) (cAMP response element-binding protein-related protein) (Creb-rp) (Protein G13) [MASS=76709]	0.24	6.97	1.31	0.00	1	2	3	VVC[339]IM[147]VLLFIAFNFGPVSISEPPSAPISPR	1
							3	SEPSSPC[339]SSSSLSESSR	1
ATF7_HUMAN (P17544) Cyclic AMP-dependent transcription factor ATF-7 (Activating transcription factor 7) (Transcription factor ATF-A) [MASS=52967]	0.00	4.25	0.77	0.00	1	1	2	NC[330]EEVGLFNELASSFEHEFKK	1

							2	YSQIC[339]AK	2
ATP5E_HUMAN (P56381) ATP synthase epsilon chain, mitochondrial (EC 3.6.3.14) [MASS=5649]	1.00	14.00	1.78	0.01	6	1	1	YSQIC[330]AK	1
							1	YSQIC[339]AK	3
							2	YSQIC[330]AK	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	1.00	16.18	1.94	0.04	3	1	2	IC[339]SLHSLPPQS	2
							1	IC[339]SLHSLPPQS	1
							2	LYC[339]IYVAIGQK	2
							1	LYC[339]IYVAIGQK	3
							2	YTIVVSATASDAAPLQYLAPYSGC[339]SM[147]GEYFR	1
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	13.74	1.80	0.04	13	4	1	LYC[330]IYVAIGQK	3
							3	YTIVVSATASDAAPLQYLAPYSGC[339]SM[147]GEYFR	1
							1	AVDSLVPPIGRGQR	1
							2	EPMQTGIIKAVDSLVPPIGRGQR	1
							3	YTIVVSATASDAAPLQYLAPYSGC[339]SMGEYFR	1
							2	LYC[330]IYVAIGQK	2
							1	GLC[339]GAIHSSIAK	4
							1	GLC[330]GAIHSSIAK	2
							2	GLC[330]GAIHSSIAK	2
							2	GLC[339]GAIHSSIAK	2
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	1.88	0.01	10	1	1	GLC[330]GAIHSSIAK	2
							2	GLC[330]GAIHSSIAK	2
							2	GLC[339]GAIHSSIAK	2
ATPO_HUMAN (P48047) ATP synthase O subunit, mitochondrial precursor (EC 3.6.3.14) (Oligomycin sensitivity conferral protein) (OSCP) [MASS=23277]	0.00	17.84	2.12	0.00	1	2	2	GEVPC[339]TVTSASPLEEATLSELK	1
							3	LEAKTDPSILGGM[147]IVR	1
							3	MLLHLLAFSSAATGHLQASVLTQC[330]LK	1
ATRIP_HUMAN (Q8WXE1) ATR-interacting protein (ATM and Rad3-related-interacting protein) [MASS=85837]	0.00	4.80	1.64	0.00	1	2	3	RAGGPRTDQQR	1

ATRN_HUMAN (O75882) Attractin precursor (Mahogany homolog) (DPPT-L) [MASS=158536]	*	3.43	*	*	*	2	3	DKIYM[147]YGGKIDSTGNVTNELR	1
							3	PFASVNVVALETDEEPPDLIGGSIKTVPK	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	*	4.33	*	*	*	3	3	AVAC[339]KSTNPSAR	2
							3	RAVAVSEVESLHLR	1
							3	VSAC[330]PPSWSVGNWSAC[330]SRTC[339]GGGAQSR	1
ATS17_HUMAN (Q8TE56) ADAMTS-17 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 17) (ADAM-TS 17) (ADAM-TS17) [MASS=121099]	0.00	5.48	0.18	0.00	1	3	2	GLQSRVVQC[330]MHK	1
							2	WSLTPSPSAEAQRPEQLC[330]K	1
							3	TPIPEHVDGDWSPWGAWSM[147]C[330]SRTC[330]GTGAR	1
ATX7_HUMAN (O15265) Ataxin-7 (Spinocerebellar ataxia type 7 protein) [MASS=95451]	0.00	9.53	0.23	0.00	1	4	2	C[330]ALNLMVEK	1
							3	VPAVNNVHMKHTGTIPGAQGLMNSSLHQPKEAR	1
							2	GGASAGSNRSSSGGVLSASSSSSK	1
							3	PPLAVPPTSVFSEFFPSLSK	1
B3A4_HUMAN (Q96Q91) Anion exchange protein 4 (Anion exchanger 4) (Solute carrier family 4 member 9) (Sodium bicarbonate cotransporter 5) [MASS=108247]	*	1.83	*	*	*	1	2	VKLLLM[147]PAKHQPDLLLLR	1
BAI1_HUMAN (O14514) Brain-specific angiogenesis inhibitor 1 precursor [MASS=173532]	0.00	2.59	0.09	0.00	1	2	3	VTVSKSVFSTGLTEADEASVFVVGTVLYR	1
							3	QC[330]NREAC[330]GPAGR	1
BAZ2A_HUMAN (Q9UIF9) Bromodomain adjacent to zinc finger domain 2A (Transcription termination factor I-interacting protein 5) (TTF-I-interacting protein 5) (Tip5) (hWALp3) [MASS=208360]	*	0.96	*	*	*	1	2	KLLHSSQMLRAVSLGQDR	1
BBS2_HUMAN (Q9BXC9) Bardet-Biedl syndrome 2 protein [MASS=79870]	0.00	3.33	0.49	0.00	1	1	3	EDEIVAEMTETEIVTSLC[330]PMYGSR	1
BC11B_HUMAN (Q9C0K0) B-cell lymphoma/leukemia 11B (B-cell CLL/lymphoma 11B) (Radiation-induced tumor suppressor gene 1 protein) (hRit1) (COUP-TF-interacting protein 2) [MASS=95519]	0.00	1.90	0.33	0.00	1	1	2	KQC[330]GGSLGAC[330]YDKALDK	1

BCAR1_HUMAN (P56945) Breast cancer anti-estrogen resistance protein 1 (CRK-associated substrate) (p130cas) [MASS=93361]	*	1.72	*	*	*	1	2	DPLLEVYDVPPSVEK	1
BDH_HUMAN (Q02338) D-beta-hydroxybutyrate dehydrogenase, mitochondrial precursor (EC 1.1.1.30) (BDH) (3-hydroxybutyrate dehydrogenase) [MASS=38157]	1.00	23.91	1.59	0.08	5	5	3	METYC[339]SSGSTDTSPVIDAVTHALTATTPYTR	1
							1	SPYC[330]ITK	1
							3	VVNISMLGRMANPAR	1
							3	M[147]ETYC[339]SSGSTDTSPVIDAVTHALTATTPYTR	1
							3	M[147]ETYC[330]SSGSTDTSPVIDAVTHALTATTPYTR	1
							2	FGVEAFSDC[339]LR	1
							2	AVLVTGC[339]DSGFGFSLAK	1
BHLH2_HUMAN (O14503) Class B basic helix-loop-helix protein 2 (bHLHB2) (Differentially expressed in chondrocytes protein 1) (DEC1) (Enhancer-of-split and hairy-related protein 2) (SHARP-2) (Stimulated with retinoic acid 13) [MASS=45510]	0.00	8.25	0.87	0.00	1	1	3	NC[330]VPVIQRTFAHSSGEQSGSDTDTDSGYGGESEK	1
BIRC1_HUMAN (Q13075) Baculoviral IAP repeat-containing protein 1 (Neuronal apoptosis inhibitory protein) [MASS=159581]	0.00	1.35	1.52	0.00	1	1	3	C[339]NFFSDFGSLMTM[147]LVSC[339]KK	1
BNC2_HUMAN (Q6ZN30) Zinc finger protein basonuclein-2 [MASS=122329]	0.00	2.55	0.03	0.00	1	3	2	RMGSASRK	1
							1	GTLRVHYK	1
							2	VPGC[330]NM[147]MFSSVR	1
BPA1_HUMAN (Q03001) Bullous pemphigoid antigen 1 isoforms 1/2/3/4/5/8 (230 kDa bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=372207]	0.00	2.18	0.06	0.00	1	4	2	TGSELTVYEAFQR	1
							2	TLSVFQAMENRM[147]LDRQK	1
							3	NPVPSAEEWM[147]LEGC[330]RASGGLKK	1
							3	LNEELEKSNEC[330]AEMLKQK	1
BPAEB_HUMAN (Q8WXX8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	*	2.88	*	*	*	5	1	HC[339]AKNIK	1
							2	QLGIIDNNTASILKNITLPDK	1
							2	LLETQLM[147]ISGLISPELRKC[330]FDLK	1
							3	AFQQNLVSSALFSK	1
							3	FQDQFLGIAAINISLPGEQYGQK	1

BRCA1_HUMAN (P38398) Breast cancer type 1 susceptibility protein (RING finger protein 53) [MASS=207720]	0.00	6.12	0.06	0.00	1	6	2	YFLGIAGGK	1
							2	MSMVVSGLTPEEFM[147]LVYK	1
							2	VNNIPSQSTRHSTVATEC[339]LSK	1
							2	KGPSQC[330]PLC[330]K	1
							3	IIC[339]AFQLDTGLEAYANSYNFAKKENNSPEHLK	1
							3	VEEVQNVINAMQKILEC[339]PIC[339]LELIK	1
BRSK1_HUMAN (Q8TDC3) BR serine/threonine-protein kinase 1 (EC 2.7.11.1) (SAD1 kinase) (SAD1A) [MASS=86753]	*	10.71	*	*	*	3	3	ASPTGTPGTTTPPPSPGGGVGGAAWRSRLNSIR	1
							3	MQVPTAEEMSSLTPESSPELAKRSWFGNFISLDK	1
							3	RGVFHMPHFIPPDC[330]QSLLR	1
BRSK2_HUMAN (Q8IWQ3) BR serine/threonine-protein kinase 2 (EC 2.7.11.1) (Serine/threonine-protein kinase 29) (SAD1B) [MASS=81607]	0.00	4.21	1.03	0.00	1	1	2	YDGRKADVWSC[339]GVILFALLVGALPFDDDNLR	1
BRWD1_HUMAN (Q9NSI6) Bromodomain and WD repeat domain-containing protein 1 (WD repeat protein 9) [MASS=262918]	*	3.79	*	*	*	4	3	HETSC[330]DQSESGSGSSEDEWRSRDK	1
							2	VLSQALNGDSDSEDM[147]LNSEHK	1
							3	PRPGVQMLC[330]SSFVSGGM[147]FLATGSTDHVIR	1
							2	RKSSSVTSSGEDSK	1
BRWD2_HUMAN (Q9BZH6) Bromodomain and WD repeat domain-containing protein 2 (WD repeat protein 11) [MASS=136684]	0.00	3.43	3.39	0.00	1	2	2	VILASDDGC[339]IRVLEM[147]SMKSAC[339]FR	1
							2	GERGNDESAIEM[147]IKVSHLK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	*	2.98	*	*	*	5	3	PAGGPLPPGGDTC[330]PQFC[330]SSHSM[147]PDVQEHVKDGPR	1
							2	SPQVLYSPVSPLSPHR	1
							2	PHSQPSSAPAM[147]PKKGQPGYPSSAEYSQPSR	1
							2	IGQLFQGPGRDSAMDLSLK	1
							3	VC[330]NQC[330]GFNPNPHLTQVK	1
BSPRY_HUMAN (Q5W0U4) B box and SPRY domain-containing protein [MASS=44381]	0.00	4.48	1.21	0.00	1	1	2	VGVASGHLPRKSGSGSDC[339]R	1
C163A_HUMAN (Q86VB7) Scavenger receptor cysteine-rich type 1 protein M130 precursor (CD163 antigen) (Hemoglobin scavenger receptor) [Contains: Soluble CD163 (sCD163)] [MASS=125436]	*	1.30	*	*	*	1	3	LTRGGNM[147]C[339]SGRIEIK	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	16.67	1.65	0.01	2	2	2	M[147]LPLLRC[339]VPRVLGSSVAGLR	1
							2	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
							3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1

C2TA_HUMAN (P33076) MHC class II transactivator (CIITA) [MASS=123456]	0.00	1.50	0.63	0.00	1	1	2	C[330]LGALLGPSAAASVDRK	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.58	0.02	4	1	2	SLC[330]LGPALIHAK	2
							2	SLC[339]LGPALIHAK	2
							2	ELAMKAESGPNETKNK	1
							3	C[330]PSSLSNSRTHK	8
C8AP2_HUMAN (Q9UKL3) CASP8-associated protein 2 (FLICE-associated huge protein) [MASS=222656]	*	1.41	*	*	*	2			
CAC2D_HUMAN (P54289) Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] [MASS=123183]	0.97	9.90	0.79	0.30	3	5	3	VEIRNKM[147]IDGESGEK	1
							2	RNSDVM[147]DC[330]VILDDGGFLLM[147]ANHDDYTNIQIGR	1
							3	SFSGVLDLC[330]GNC[339]SRIFHGEK	1
							3	TSIRDPC[339]AGPVC[339]DC[339]KR	1
							3	FTLC[330]PNGYYFAIDPNGYVLLHPNLQPK	1
CACP_HUMAN (P43155) Carnitine O-acetyltransferase (EC 2.3.1.7) (Carnitine acetylase) (CAT) (Carnitine acetyltransferase) (CrAT) [MASS=70925]	0.99	4.15	1.37	0.00	1	2	2	IYGQAC[339]ATYESASLR	1
							2	QDTVSNFSKTK	1
CAD13_HUMAN (P55290) Cadherin-13 precursor (Truncated-cadherin) (T-cadherin) (T-cad) (Heart-cadherin) (H-cadherin) (P105) [MASS=78286]	0.00	6.87	0.54	0.00	1	2	2	QEDLSVGSVLLTVNATDPDSLQHQTIIRYSVYK	1
							2	FSLPSVLLLSLFLSLAC[330]L	1
CAD23_HUMAN (Q9H251) Cadherin-23 precursor (Otocadherin) [MASS=369522]	*	1.61	*	*	*	3	3	GLNGLVTYTLDDLVPVPGYVQLEDSSAGK	1
							2	ERIAEYQLRVVASDAGTPTK	1
							1	STPLHK	1
CALU_HUMAN (O43852) Calumenin precursor (Crocabin) (IEF SSP 9302) [MASS=37107]	0.00	6.67	0.07	0.00	1	1	3	QFLMC[330]LSLC[330]TAFALSKPTEKK	1
CAN11_HUMAN (Q9UMQ6) Calpain-11 (EC 3.4.22.-) (Calcium-activated neutral proteinase 11) (CANP 11) [MASS=80582]	0.00	3.13	3.81	0.00	1	1	3	SSLM[147]GC[339]SIEVTSDSELESM[147]TDK	1

CAN3_HUMAN (P20807) Calpain-3 (EC 3.4.22.-) (Calpain L3) (Calpain p94) (Calcium-activated neutral proteinase 3) (CANP 3) (Muscle-specific calcium-activated neutral protease 3) (nCL-1) [MASS=94253]	0.00	7.92	0.82	0.00	1	4	3	QIAGDDMEIC[330]ADELK	1
							2	HKDLKTHGFTLESC[330]JR	1
							2	RPPEIC[330]ENPR	1
							2	SMIALMDTDGSGKLNQLQEFHHLWNK	1
CASPA_HUMAN (Q92851) Caspase-10 precursor (EC 3.4.22.-) (CASP-10) (ICE-like apoptotic protease 4) (Apoptotic protease Mch-4) (FAS-associated death domain protein interleukin-1B-converting enzyme 2) (FLICE2) [Contains: Caspase-10 subunit p23/17; Caspase-1 [MASS=58950]	0.00	6.53	0.41	0.00	1	2	2	HVEEGSWYIQSLC[330]NHLK	1
							3	QGKIDEDNLTC[339]LEDLC[339]K	1
CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	0.99	9.22	1.02	0.00	1	2	2	TMSEVGGSVEDLIAKGPVSK	1
							2	AIGAVPLIQGEYM[147]IPC[339]EK	1
CB013_HUMAN (Q8IW19) Protein C2orf13 [MASS=56955]	0.00	6.65	5.14	0.00	1	2	2	ILSIPSEVEMQC[339]TLR	1
							3	PNLWC[339]YLNPGDSFSLLVDK	1
CC026_HUMAN (Q9BQ75) Protein C3orf26 [MASS=31812]	0.00	4.66	1.14	0.00	1	1	2	SVLM[147]LIIC[339]SSAVR	1
CC038_HUMAN (Q5JPI3) Uncharacterized protein C3orf38 [MASS=37541]	0.00	13.07	0.96	0.01	2	2	3	NLLGLLDNDEIMALC[330]DTVTNRLVQPQDR	1
							2	MEMSGLSFSEMEGC[339]JR	1
CCAR1_HUMAN (Q8IX12) Cell division cycle and apoptosis regulator protein 1 (Cell cycle and apoptosis regulatory protein 1) (CARP-1) (Death inducer with SAP domain) [MASS=132820]	*	1.65	*	*	*	2	2	KLLNKVVLR	1
							2	TILNLENSNK	1
CCD44_HUMAN (Q9BSH4) Coiled-coil domain-containing protein 44 [MASS=32477]	0.93	10.77	1.86	0.00	1	2	2	AVNLERALEMAIEAGAEDVK	1
							2	FIC[339]DASSLHQVR	1
CCD45_HUMAN (Q96GE4) Coiled-coil domain-containing protein 45 [MASS=95296]	*	4.14	*	*	*	1	3	PNKAVPMKVSEHSLPLMLEQFPFLYVSGPTLSK	1
CCD82_HUMAN (Q8N4S0) Coiled-coil domain-containing protein 82 [MASS=64002]	0.00	3.68	0.60	0.00	1	1	2	LSSVMC[330]DSDESDDSDILVRK	1
CCND1_HUMAN (P24385) G1/S-specific cyclin-D1 (PRAD1 oncogene) (BCL-1 oncogene) [MASS=33729]	*	8.14	*	*	*	1	3	FISNPPSM[147]VAAGSVVAAVQGLNLR	1

CCNH_HUMAN (P51946) Cyclin-H (MO15-associated protein) (p37) (p34) [MASS=37643]	*	13.31	*	*	*	3	2	YEPPRSEEVAVLKQK	1
							3	RFYLNNSVMEYHPR	1
							2	TC[330]LSQLLDIM[147]KSM[147]R	1
CCNL2_HUMAN (Q96S94) Cyclin-L2 (Paneth cell-enhanced expression protein) [MASS=58147]	*	3.08	*	*	*	1	2	KKPVPLLLDQDYVNLK	1
CCRL2_HUMAN (O00421) C-C chemokine receptor-like 2 (Putative MCP-1 chemokine receptor) (Chemokine receptor CCR11) (Chemokine receptor X) [MASS=39513]	0.00	6.40	0.16	0.00	1	1	2	EHFSLSDC[330]KSSYNLDKSVHITK	1
CD2L5_HUMAN (Q14004) Cell division cycle 2-like protein kinase 5 (EC 2.7.11.22) (CDC2-related protein kinase 5) (Cholinesterase-related cell division controller) [MASS=164922]	*	3.77	*	*	*	3	3	AALLQLLAQHQPQDDPK	1
							2	DHRFEYSHGPIAVLANSSDPSTGPETHPLPAK	1
							1	HRLSRSR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.60	0.26	5	2	3	LRENELTYYC[330]C[330]K	1
							2	FEHC[339]NFNDVTTR	1
							2	LRENELTYYC[330]C[330]K	2
							2	FEHC[330]NFNDVTTR	2
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	1.00	25.85	0.46	0.37	9	3	3	TFHETLDC[339]C[339]GSSTLTALTTSVLK	1
							2	TFHETLDC[339]C[339]GSSTLTALTTSVLK	1
							2	TFHETLDC[330]C[330]GSSTLTALTTSVLK	1
							2	NNLC[330]PSGSNIISNLFK	2
							2	NNLC[330]PSGSNIISNLFKEDC[330]HQQ	1
							2	NNLC[339]PSGSNIISNLFK	2
							1	NNLC[330]PSGSNIISNLFK	1
							1	SC[330]PDAIK	1
							3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK	2
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	14.10	0.92	0.08	5	2	2	AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	1
							2	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK	1
							3	AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	1
							1	SC[339]PDAIK	1
CDAN1_HUMAN (Q8IWY9) Codanin-1 [MASS=133996]	0.00	5.06	0.50	0.00	1	3	2	IRAMMGQLSAAC[330]SHSHFVR	1
							2	LLC[330]FSPALQGRLRAAYEGSVAK	1
							3	SLSKPKTC[339]FTSPPIISC[330]VPSSK	1

CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	*	7.33	*	*	*	1	3	QKPITPETAELKAR	1
CE152_HUMAN (O94986) Centrosomal protein of 152 kDa (Cep152 protein) [MASS=147344]	*	2.90	*	*	*	3	3	WM[147]SVQYFEKLKGC[339]IQK	1
							2	TTQSGM[147]SK	1
							3	EGAEEKIMNAASK	1
CENB2_HUMAN (Q15057) Centaurin-beta 2 (Cnt-b2) [MASS=88028]	*	2.57	*	*	*	1	3	LM[147]C[330]ELGNDVINRVYEANVEK	1
							2	IQHLQQDC[330]DVPSRELK	1
							2	QNHQVKPEK	1
CENPE_HUMAN (Q02224) Centromeric protein E (CENP-E protein) [MASS=312088]	*	3.57	*	*	*	6	2	MDLSYSLESIEDPK	1
							2	VHESNKC[339]LEK	1
							3	IQELKANEHQLITLK	1
							3	IC[330]QVNNFFNNRIIAIMNESTEFEERSATISK	3
							2	M[147]QKEVNDLLQENEQLMKVM[147]K	1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitotin) (AH antigen) [MASS=367592]	*	3.36	*	*	*	7	2	LQEDTSAHQNVVAETLSALENKEK	1
							3	C[339]EETGNAYEDLSQK	1
							3	ATEQSLDPPIEEEHQLR	1
							3	EKSSTAM[147]EMLQTQLK	1
							1	RTTM[147]ATR	1
							1	LQLLSNEIMDK	1
CEP35_HUMAN (Q5VT06) Centrosome-associated protein 350 (Centrosome-associated protein of 350 kDa) [MASS=350928]	*	1.25	*	*	*	2	3	ERQSDQDM[147]NHSPNIQSGK	1
							3	VATAPPAPAYKGFNPSETKIR	1
CEP41_HUMAN (Q9BYV8) Centrosomal protein of 41 kDa (Cep41 protein) (Testis-specific gene A14 protein) [MASS=41368]	*	4.02	*	*	*	1	3	SSPKGPPPLPAENKWR	1
CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-.) (Zinc finger protein Cezanne 2) (OTU domain-containing protein 7) [MASS=100676]	*	3.46	*	*	*	2	3	EESGASASTSPSEK	1
							2	QVHTANLPHVFNEGRGPK	1
CF049_HUMAN (Q2TBC4) Protein C6orf49 [MASS=37551]	*	4.65	*	*	*	1	3	GLPGSSPQQENRPGDK	1
CF170_HUMAN (Q96NH3) Protein C6orf170 [MASS=143651]	0.00	3.13	7.03	0.00	1	2	3	QHIGNTLGSM[147]IEEEM[147]EKC[339]TSDR	1
							2	QDNDLDKLLLC[339]LKISDK	1

CFTR_HUMAN (P13569) Cystic fibrosis transmembrane conductance regulator (CFTR) (cAMP-dependent chloride channel) (ATP-binding cassette transporter sub-family C member 7) [MASS=168172]	*	6.22	*	*	*	4	3	TPLQM[147]NGIEEDSDEPLER	1
							2	VGIILTLAMNIMSTLQWAVNSSIDVDSLMR	1
							3	EERSIAIYLGIGLC[339]LLFIVR	1
							3	M[147]LHSVVLQAPM[147]STLNTLKAGGILNR	1
CG036_HUMAN (Q9NRH1) Protein C7orf36 [MASS=25299]	*	7.52	*	*	*	1	3	DERLC[330]ENNAEFNKNC[339]SK	2
CH006_HUMAN (Q8WWP5) Uncharacterized protein C8orf6 [MASS=10269]	0.00	28.72	0.49	0.00	1	1	3	RTSPC[330]C[330]LFLPEHWGDGYTAAVAWPSPR	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	13.61	1.82	0.05	9	6	2	C[330]IPALDSLTPANEDQK	1
							2	EIGNIISDAMK	1
							3	C[339]EFQDAYVLLSEKK	1
							1	C[339]EFQDAYVLLSEK	1
							2	AAVEEGIVLGGGC[339]ALLR	2
							2	C[330]EFQDAYVLLSEKK	1
							1	GIIDPTK	1
							3	C[330]EFQDAYVLLSEKK	1
							2	C[339]IPALDSLTPANEDQK	1
							2	C[330]EFQDAYVLLSEK	1
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	30.84	1.50	0.07	8	6	2	ERIC[330]SEEER	1
							2	ERIC[339]SEEERAK	1
							2	YESHPVC[339]ADLQAK	1
							2	C[339]SALATQYM[147]HC[339]VNHAK	1
							2	YESHPVC[330]ADLQAK	1
							2	IC[339]SEEER	1
							2	RYESHPVC[330]ADLQAK	1
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	16.60	1.31	0.20	4	3	2	ERIC[339]SEEER	1
							3	VEPVC[339]SGLQAQILHC[339]YR	1
							2	C[339]VSAAHKG	1
							2	VEPVC[339]SGLQAQILHC[339]YR	1
							2	DRPHEVLLC[339]SDLVK	1
CHD9_HUMAN (Q3L8U1) Chromodomain-helicase-DNA-binding protein 9 (EC 3.6.1.-) (ATP-dependent helicase CHD9) (CHD-9) (Chromatin-related mesenchymal modulator) (CReMM) (Chromatin remodeling factor CHROM1) (Peroxisomal proliferator-activated receptor A-inter [MASS=326004]	*	0.90	*	*	*	2	2	SDGSGTYTK	1
							3	RMVAARTEPLTPNPASK	1

CHST5_HUMAN (Q9GZS9) Carbohydrate sulfotransferase 5 (EC 2.8.2.-) (N- acetylglucosamine 6-O-sulfotransferase 3) (GlcNAc6ST-3) (Intestinal GlcNAc-6- sulfotransferase) (Intestinal N- acetylglucosamine-6-O-sulfotransferase) (I- GlcNAc6ST) (hIGn6ST) (Galactose/N [MASS=43832]	0.00	12.05	0.48	0.00	1	2	3	DLMRSIFLC[330]DMDVFDAYMPQSR	1
							2	NLSAFFNWATSRALC[330]SPPAC[339]SAFPR	1
CI004_HUMAN (Q9P0K9) Protein C9orf4 (Brain protein CG-6) [MASS=37270]	0.00	2.33	0.62	0.00	1	1	2	IKVDDC[330]GK	1
							3	MGNLVIPLGKGRAGR	5
CI079_HUMAN (Q6ZUB1) Protein C9orf79 [MASS=157135]	*	1.04	*	*	*	1			
CIC_HUMAN (Q96RK0) Protein capicua homolog [MASS=163789]	0.00	2.74	2.74	0.00	1	3	2	YADIFPSKVC[339]LQLK	1
							3	APGSSSC[339]GAERLHTVGGPGSAR	1
							2	FAELPEFR	1
							1	LPC[339]VAAK	2
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	4.51	1.56	0.07	4	3	2	YTC[339]QR	2
							1	GFSIPEC[339]QK	1
CJ031_HUMAN (Q8N7Q2) Putative uncharacterized protein C10orf31 precursor [MASS=19176]	0.00	5.20	0.02	0.00	1	1	2	FWVC[330]LAAC[330]R	1

								2	IVHAFDM[147]EDLGDKAVYC[330]R	1
								2	AVYC[339]R	1
								2	IVHAFDMEDLGDKAVYC[339]R	1
								2	FPFC[339]DGAHTK	2
								1	KFPFC[339]DGAHTK	1
								3	IVHAFDMEDLGDKAVYC[330]R	1
								3	IVHAFDM[147]EDLGDKAVYC[339]R	1
								2	IVHAFDM[147]EDLGDKAVYC[339]R	1
								2	KFPFC[330]DGAHTK	2
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	40.74	1.81	0.05	19	4		2	KFPFC[339]DGAHTK	4
								1	FPFC[339]DGAHTK	2
								1	FPFC[330]DGAHTK	1
								2	FPFC[330]DGAHTK	2
CK5P2_HUMAN (Q96SN8) CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) (Centrosome-associated protein 215) [MASS=215036]	*	2.32	*	*	*	3		2	EREIATEKK	1
								2	HLTESTNQK	2
								3	LKLLWRVSLPEDGQC[339]PLHC[339]EQIGEM[147]K	1
CKLF3_HUMAN (Q96MX0) CKLF-like MARVEL transmembrane domain-containing protein 3 (Chemokine-like factor superfamily member 3) [MASS=19713]	0.00	7.14	1.98	0.00	1	1		2	WQGLC[339]WPMMDFLR	1
CLAT_HUMAN (P28329) Choline O-acetyltransferase (EC 2.3.1.6) (CHOACTase) (Choline acetylase) (ChAT) [MASS=82567]	*	4.68	*	*	*	2		3	ELARAM[147]C[330]KELPEMFM[147]DETYLMSNR	1
								2	RFQEGRVDNIR	1
CLD10_HUMAN (P78369) Claudin-10 (OSP-like protein) [MASS=24488]	0.00	7.02	1.95	0.00	1	1		2	DFPSM[147]LALDGYIQAC[330]R	1

CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	3.88	0.56	0.14	11	5	2	YESLELC[330]RPVLQQGR	1
							2	RDPHLAC[330]VAYER	1
							2	IHEGC[330]EEPATHNALAK	1
							2	RDPHLAC[339]VAYER	1
							2	IHEGC[339]EEPATHNALAK	1
							2	HSSLAGC[330]QIINYYR	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	0.00	2.44	*	*	*	2	3	IHEGC[330]EEPATHNALAK	2
							2	AHIAQLC[339]EK	1
							3	RDPHLAC[330]VAYER	1
							2	AHIAQLC[330]EK	1
							3	EC[330]FAAC[330]LFTC[330]YDLLR	1
							3	EC[339]FAAC[330]LFTC[339]YDLLRPDMVLELAWR	1
CLK2_HUMAN (P49760) Dual specificity protein kinase CLK2 (EC 2.7.12.1) (CDC-like kinase 2) [MASS=60090]	*	1.60	*	*	*	1	2	REDSYHVR	1
CLK4_HUMAN (Q9HAZ1) Dual specificity protein kinase CLK4 (EC 2.7.12.1) (CDC-like kinase 4) [MASS=57492]	*	8.52	*	*	*	3	2	ILGPIQHMIIQKTR	1
							2	SIEDDEEGHLIC[330]QSGDVLRR	1
							1	RSSPKR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	15.49	1.66	0.01	4	5	2	MQNQRGSGSVVGELM[147]YK	1
							2	DIPFSAIYFPVYAHQ[339]K	1
							3	DGLISYQEFLAFESVLC[330]APDSMFIVAFQLFDK	1
							2	AGQTTYSGVIDC[330]FRK	1
							2	GTAARVFRSSPQFGVTLAHYEVLQR	1
							2	AGQTTYSGVIDC[339]FRK	1
CMC2_HUMAN	0.00	3.85	*	*	*	1	2	DIPFSAIYFPVYAHQ[330]K	1
							3	MTLADIERIAPLEEGTLPFNLAEAQR	1
CN159_HUMAN (Q7Z3D6) Protein C14orf159, mitochondrial precursor [MASS=66436]	*	2.27	*	*	*	1	2	SRLPSAIRSLILQK	1

								2	RPPGVLHC[339]TTK	2
								3	AHITLGC[339]AADVEAVQTGLDLLEILR	3
								1	RPPGVLHC[330]TTK	1
								3	DKPELQFPFLQDEDTVATLLEC[330]K	2
								2	AHITLGC[330]AADVEAVQTGLDLLEILR	1
								3	DKPELQFPFLQDEDTVATLLEC[339]K	2
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	24.94	1.03	0.03	22	7		2	GEEVGELSRGKLYSLGNR	1
								2	RLDEDLAAYC[330]R	1
								2	DKPELQFPFLQDEDTVATLLEC[339]K	1
								1	FC[330]DYGK	2
								2	RLDEDLAAYC[339]R	1
								2	DKPELQFPFLQDEDTVATLLEC[330]K	2
								2	RPPGVLHC[330]TTK	2
								1	FC[339]DYGK	1
								3	AHITLGC[330]AADVEAVQTGLDLLEILR	1
								1	LDEDLAAYC[330]R	1
CNGB1_HUMAN (Q14028) Cyclic nucleotide-gated cation channel 4 (CNG channel 4) (CNG-4) (CNG4) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=102284]	*	2.09	*	*	*	1		2	LIDPDVTSDEESPKPSPAK	1
CNN2_HUMAN (Q99439) Calponin-2 (Calponin H2, smooth muscle) (Neutral calponin) [MASS=33566]	0.00	4.22	3.05	0.00	1	1		3	C[339]ASQSGM[147]TAYGTR	1
CNTN1_HUMAN (Q12860) Contactin-1 precursor (Neural cell surface protein F3) (Glycoprotein gp135) [MASS=113320]	0.54	0.79	0.44	0.00	1	1		2	VIIIEC[339]KPK	1
CNTP1_HUMAN (P78357) Contactin-associated protein 1 precursor (Caspr) (Caspr1) (Neurexin 4) (Neurexin IV) (p190) [MASS=156266]	0.62	2.46	1.81	0.00	1	2		2	C[339]SPNM[147]C[339]EHDGR	1
								2	LNLDTEMFIGGLVGAARKNLAYR	1

CNTP2_HUMAN (Q9UHC6) Contactin-associated protein-like 2 precursor (Cell recognition molecule Caspr2) [MASS=148166]	*	4.51	*	*	*	3	2	LLNTPDGSPYTWWWGK	1
							1	VG VHINITQTK	1
							3	NYWNAASFPNPSSYLHFSTFQGETSADISFYFK	1
CO039_HUMAN (Q6ZRI6) Uncharacterized protein C15orf39 [MASS=110788]	*	3.06	*	*	*	1	2	AEEAAAGEESC[339]GASPTPATASPPGPTLKARFR	1
CO2A1_HUMAN (P02458) Collagen alpha-1(II) chain precursor [Contains: Chondrocalcin] [MASS=134491]	0.00	8.67	0.88	0.00	1	5	2	VFC[339]NM[147]ETGETC[339]VYPNPANVPK	1
							3	GLPGTPGTDGPKGASGPAGPPGAQGPGLQGMPGER	1
							3	ADQAAGGLRQHDAEVDATLKSNNQIESIR	1
							2	GEPGGVGPIGPPGERGAPGNR	1
							3	GPPGPQGPAGEQGPR	1
CO4A4_HUMAN (P53420) Collagen alpha-4(IV) chain precursor [MASS=164095]	0.00	7.51	0.23	0.00	1	5	3	GEKGNEGLC[339]AC[339]EPGPM[147]GPPGPPGLPGR	1
							2	GDKGPTGVPGFPLDGIPGHPGPPGPR	1
							3	GFGPGYLGGFLLVLHSQTDQEPTC[330]PLGMMPR	1
							2	IPGLPGAPGMRGPEGAMGLPGM[147]R	1
							3	GPEGAMGLPGMRGPPGPGC[339]K	1
CO6A1_HUMAN (P12109) Collagen alpha-1(VI) chain precursor [MASS=108547]	*	1.17	*	*	*	1	2	LSIIATDHTYRR	1
COA2_HUMAN (O00763) Acetyl-CoA carboxylase 2 (EC 6.4.1.2) (ACC-beta) [Includes: Biotin carboxylase (EC 6.3.4.14)] [MASS=279692]	0.00	6.00	0.43	0.00	1	8	3	YILKVTRQSLTMFVLIM[147]NGC[330]HIEIDAHR	1
							2	GFSGGM[147]KDMYDQVLK	1
							2	AQVVHLLSTM[147]DSPAST	1
							2	TSLYSEDDC[339]KSLR	1
							2	KPNIM[147]LGVC[330]GALER	1
							2	DPPLFSEARTSLYSEDDC[330]KSLR	1
							3	TDC[330]NHIFLNFVPTVIMDPNK	1
							2	YAEMEVMKMIMTLNVQERGR	1
COAC_HUMAN (Q96CD2) Phosphopantothienoylcysteine decarboxylase (EC 4.1.1.36) (PPC-DC) (CoaC) [MASS=22413]	0.00	10.29	0.84	0.00	1	1	2	KLVC[339]GDEGLGAM[147]AEVGTIVDK	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	1.00	15.15	0.61	0.27	4	3	2	AVLFC[330]LSEDKK	1
							1	C[330]TLAEK	1
							2	M[147]LPDKDC[330]R	1
							2	MLPDKDC[330]R	1
							2	M[147]LPDKDC[339]R	1
COG3_HUMAN (Q96JB2) Conserved oligomeric Golgi complex component 3 (Vesicle docking protein SEC34 homolog) (p94) [MASS=93964]	0.00	6.65	*	*	*	3	1	ALHLMK	1
							3	SGSTESLNPRPQTTISPADLHGM[147]WYPTVRR	2
							2	PDTTAPLTDRQTDSVLELK	1

COPB_HUMAN (P53618) Coatomer subunit beta (Beta-coat protein) (Beta-COP) [MASS=107139]	0.00	10.60	0.81	0.00	1	4	2	NVTVQPDDPISFMQLTAK	1
							3	LVTEM[147]GTYATQSALSSSRPTK	1
							3	VTVNTNM[147]VDLNDYLQHILKSTNMKC[330]LTPEK	1
							3	MTAAENVC[330]YTLINVPM[147]DSEPPSEISLKNDEK	1
COQ3_HUMAN (Q9NZJ6) Hexaprenyldihydroxybenzoate methyltransferase, mitochondrial precursor (EC 2.1.1.114) (Dihydroxyhexaprenylbenzoate methyltransferase) (3,4-dihydroxy-5-hexaprenylbenzoate methyltransferase) (DHHB methyltransferase) (DHHB-MT) (DHHB-MTas [MASS=40998])	0.00	8.94	1.98	0.00	1	1	3	ILDVGC[339]GGGLLTEPLGRLGASVIGIDPVDENIK	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	4.65	2.27	0.00	3	1	2	C[339]GAHYK	1
							1	C[339]GAHYK	2
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	26.98	1.72	0.00	2	1	2	M[147]C[330]LYFGSAFATPFLVVR	2
							2	M[147]C[339]LYFGSAFATPFLVVR	1
CP045_HUMAN (Q96MC5) Uncharacterized protein C16orf45 [MASS=23732]	0.00	7.84	2.60	0.00	1	1	2	FMMDDIQLC[339]KDIM[147]DLK	1
CP135_HUMAN (Q66GS9) Centrosomal protein of 135 kDa (Cep135 protein) (Centrosomal protein 4) [MASS=133503]	*	3.86	*	*	*	3	2	ENTM[147]LRAKVAQLQTDYDALK	1
							2	YELKSKVLIM[147]K	1
							2	ESANFDFVLEPYK	1
CP27B_HUMAN (O15528) 25-hydroxyvitamin D-1 alpha hydroxylase, mitochondrial precursor (EC 1.14.13.13) (Cytochrome P450 subfamily XXVIIIB polypeptide 1) (Cytochrome p450 27B1) (Calcidiol 1-monooxygenase) (25-OHD-1 alpha-hydroxylase) (25-hydroxyvitamin D(3) [MASS=56504])	0.00	2.95	0.43	0.00	1	1	2	YAGTLNNVVC[330]DLVRR	1
CP2A7_HUMAN (P20853) Cytochrome P450 2A7 (EC 1.14.14.1) (CYP1A7) (P450-IIA4) [MASS=56408]	0.00	16.40	0.61	0.00	1	3	2	M[147]LASGLLLVALLAC[330]LTVMLM[147]SVWQQR	1
							3	TKM[147]PYM[147]EAVIHEIQRFGDVIPM[147]SLAR	1
							2	M[147]LASGLLLVALLAC[330]LTVM[147]VLM[147]SVWQQRK	1
CP2B6_HUMAN (P20813) Cytochrome P450 2B6 (EC 1.14.14.1) (CYP1B6) (P450 IIB1) [MASS=56278]	0.00	7.33	0.24	0.00	1	3	3	PVVMLC[330]GVEAIR	1
							1	WKVLRR	1
							2	YGFLM[147]LKYPHVAERVYR	1

CP8B1_HUMAN (Q9UNU6) Cytochrome P450 8B1 (EC 1.14.13.95) (CYPVIB1) (7-alpha-hydroxycholest-4-en-3-one 12-alpha-hydroxylase) (Sterol 12-alpha-hydroxylase) (7-alpha-hydroxy-4-cholesten-3-one 12-alpha-hydroxylase) [MASS=58078]	0.00	16.17	0.37	0.00	1	3	2	GDGLKDLNETM[147]LDSLSFVMLTSK	1
							2	FNFM[147]MLWASQGNTGPTSFWALLYLLKHPEAIR	1
							3	MVLWGPVLGALLVVIAGYLC[330]LPGM[147]LR	1
CPLX2_HUMAN (Q6PUV4) Complexin-2 (Complexin II) (CPX II) (Synaphin-1) [MASS=15394]	0.84	11.19	0.58	0.00	1	1	2	AALEQPC[330]EGSLTRPK	1
CPNE5_HUMAN (Q9HCH3) Copine-5 (Copine V) [MASS=65733]	0.00	11.13	0.71	0.00	1	3	3	M[147]EQPEDM[147]ASLSEFDSLGSIPATKVEITVSC[339]R	1
							2	MFPALGFGAKLPPDGR	1
							2	LARDVLAEIPDQLVSYMK	1
CQ10B_HUMAN (Q9H8M1) Protein COQ10 B, mitochondrial precursor [MASS=27070]	0.00	18.07	0.88	0.00	1	3	2	LYGPETNIPR	1
							2	SDVISKRSGYC[330]K	1
							2	RILGYSMQEM[147]YDVVSGVEDYK	1
CR2_HUMAN (P20023) Complement receptor type 2 precursor (Cr2) (Complement C3d receptor) (Epstein-Barr virus receptor) (EBV receptor) (CD21 antigen) [MASS=112973]	*	3.58	*	*	*	2	2	NYTDTTSQK	1
							2	LNKTHSAYSHNDIVYVDC[339]NPGFIM[147]NGSR	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	10.31	1.07	0.06	2	3	2	C[330]KDDEFTHLYTLIVRPDNTYEVK	1
							2	HEQNIDC[339]GGGYVK	1
							2	WIESKHK	1
CRYM_HUMAN (Q14894) Mu-crystallin homolog (NADP-regulated thyroid-hormone-binding protein) [MASS=33775]	0.92	2.87	0.89	0.11	2	1	2	GVKPAHC[330]EK	2
CS015_HUMAN (Q6ZRH7) Uncharacterized protein C19orf15 precursor [MASS=133043]	0.00	3.11	0.85	0.38	2	2	3	LC[339]PVYFHSNGSEYIMALTTGK	1
							2	MC[330]GPAMFPAGPPWPR	1
CSMD3_HUMAN (Q7Z407) CUB and sushi domain-containing protein 3 precursor (CUB and sushi multiple domains protein 3) [MASS=401695]	*	4.85	*	*	*	7	3	GFNITYNTFGHNEC[339]PDPGIPINAR	1
							2	TPRC[339]VVVTC[339]PSINSFILEHGRWR	1
							3	IYDGKDKTTHLLGAFTGASM[147]R	1
							3	YGDDYVVGQNVSYMCM[330]QPGYTM[147]ELNGSR	1
							3	QC[339]TANGTWSGTLPC[330]TIISC[339]GDPGIPANGLR	1
							3	IESSNTMHLAFRSDGSVSYTGHFLEYKAK	1
							3	LRESC[330]FDPGNIM[147]NGTRLGM[147]DYK	1
CSN5_HUMAN (Q92905) COP9 signalosome complex subunit 5 (EC 3.4.-.-) (Signalosome subunit 5) (SGN5) (Jun activation domain-binding protein 1) [MASS=37447]	*	8.11	*	*	*	2	3	ISALALLKM[147]VM[147]HAR	1
							2	GSFM[147]LGLETHDRK	1

CSN7A_HUMAN (Q9UBW8) COP9 signalosome complex subunit 7a (Signalosome subunit 7a) (SGN7a) (JAB1-containing signalosome subunit 7a) (Dermal papilla- derived protein 10) [MASS=30276]	0.00	13.09	0.45	0.00	1	2	3	VTAAAAAATSQDPEQHLTEL	1
							2	C[330]IPYAVLLEALALR	1
							2	FTFEEAAKEC[330]ENQDAR	2
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate- binding protein) (GHAP) [MASS=372817]	1.00	5.57	0.40	0.37	6	10	2	PSDLYEPPSGEGSGEVDIVDSFHTSATTQATR	1
							2	KGTVAC[330]GQPPVVENAK	1
							1	VGC[330]YGDK	1
							3	VGHDYQWIGLNDKM[147]FEHDFR	1
							3	VSGTVSTNFPQTIEPAKLWSRQEVNPVR	1
							2	FDAYC[330]FKPK	1
							3	EC[330]RLQGAHLTSILSHEEQMFVNR	1
							2	SPQETYDVYC[330]YVDHLDGDVFHLTVPSK	1
CSPG3_HUMAN (O14594) Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) [MASS=142972]	0.53	1.67	0.46	0.00	1	2	2	C[330]GGPAPGVR	1
							3	C[330]GGPAPGVRTVYR	1
CSPG5_HUMAN (O95196) Chondroitin sulfate proteoglycan 5 precursor (Neuroglycan C) (Acidic leucine-rich EGF-like domain-containing brain protein) [MASS=60058]	0.00	3.36	0.60	0.00	1	1	2	ALAHYDNVIC[330]QDDPSAPHK	1
CT032_HUMAN (Q9NQ75) HEF-like protein [MASS=87144]	*	1.53	*	*	*	1	2	QQLYDIPASPKK	1
CT165_HUMAN (Q9BR10) Uncharacterized protein C20orf165 [MASS=23834]	0.00	14.54	0.40	0.00	1	1	2	AEQVAPAAQAWGPALAM[147]PQARGC[330]PGGTSWETLR	1
CT2NL_HUMAN (Q9P2B4) CTTNBP2 N- terminal-like protein [MASS=70158]	*	4.07	*	*	*	2	2	NLANTANPRGDTSHSPTPGK	1
CTGF_HUMAN (P29279) Connective tissue growth factor precursor (Hypertrophic chondrocyte-specific protein 24) [MASS=38069]	0.00	6.88	3.66	0.00	1	1	2	VAFVLLALC[330]SRPAVGQNC[330]SGPC[330]R	1
CTL2_HUMAN (Q8IWA5) Choline transporter- like protein 2 (Solute carrier family 44 member 2) [MASS=80151]	1.00	5.38	1.07	0.22	2	3	2	C[330]QFAFYGGESGYHR	1
CTNB1_HUMAN (P35222) Beta-catenin [MASS=85496]	*	2.30	*	*	*	1	2	DGDC[330]PAVLIPSKPLARR	1
							3	C[330]LMTC[339]LK	1
							2	M[147]ATQADLM[147]ELDMAMEPDR	1
							3	MATQADLM[147]ELDM[147]AM[147]EPDR	1
							2	MATQADLMELDMAM[147]EPDR	1

CTRB1_HUMAN (P17538) Chymotrypsinogen B precursor (EC 3.4.21.1) [Contains: Chymotrypsin B chain A; Chymotrypsin B chain B; Chymotrypsin B chain C] [MASS=27870]	*	11.03	*	*	*	1	3	RITDVM[147]IC[339]AGASGVSSC[339]M[147]GDSGGPLVC[339]QK	1
CTRO_HUMAN (O14578) Citron Rho-interacting kinase (EC 2.7.11.1) (CRIK) (Rho-interacting, serine/threonine-protein kinase 21) [MASS=231430]	0.00	4.05	7.85	0.00	1	4	3	EGILDALFVLFEEC[330]SQPALMKIK	1
							2	AESLSDKLNDLEK	1
							3	TTC[339]TM[147]LEEQVMDLEALNDELLEK	1
							2	IVELSEANKLAANSSLFTQRNMK	1
CU005_HUMAN (Q9Y3R5) Protein C21orf5 [MASS=258222]	0.00	2.44	0.64	0.00	1	3	2	ILEPVLLLLLQPKTQRTSIHC[330]LK	1
							2	NVEFIHSLLRQC[330]K	1
							3	DAPGREQKYMLGTNHQLTVK	1
CU063_HUMAN (P58658) Protein C21orf63 precursor (SUE21) [MASS=49483]	*	5.67	*	*	*	1	2	EQIIQEIWMNSGLDTSRPNMGQFY	1
CUBN_HUMAN (O60494) Cubilin precursor (Intrinsic factor-cobalamin receptor) (Intrinsic factor-vitamin B12 receptor) (460 kDa receptor) (Intestinal intrinsic factor receptor) [MASS=398724]	0.00	3.26	1.26	0.00	1	5	3	LATHPSC[339]NNEHVIVFNGIR	1
							3	C[339]GGNYTDPEGELFLPELSGPFTHTR	1
							2	FQFC[330]GRNASAVPVFYSSMSTAMVIFK	1
							3	REKGFQMQUWFVYGC[330]GGELSGATGSFSSPGFPNR	1
2	NSRM[147]SFTYQIADC[330]NR	1							
CUZD1_HUMAN (Q86UP6) CUB and zona pellucida-like domain-containing protein 1 precursor (Transmembrane protein UO-44) [MASS=68153]	0.00	6.59	3.57	0.08	2	2	2	DETC[339]KVYPLFGHYGRFQFNAFK	1
							3	VFDGTSSNGPLLQVC[339]SK	2
CV106_HUMAN (Q6P0N0) Protein C14orf106 (P243) [MASS=129085]	*	3.53	*	*	*	2	2	YMAINQKKAYILVTPLK	3
							2	SNKHSESPGATELNM[147]C[339]HSNC[339]QNK	1
CX038_HUMAN (Q8TB03) Protein CXorf38 [MASS=36670]	*	3.76	*	*	*	1	3	C[339]RNEIM[147]HSSEMK	1
							2	M[147]AAAAASLRGVVLGPR	1
							3	HLVGVC[339]YTEDEAK	1
							1	DVC[330]TFLR	2
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	18.46	1.69	0.03	11	4	2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	3
							1	HLVGVC[339]YTEDEAK	1
							3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	2
							2	HLVGVC[339]YTEDEAK	1
							2	HGGEDYVFSLLTGYC[330]EPPTGVSLR	1

CYTC_HUMAN (P01034) Cystatin C precursor (Neuroendocrine basic polypeptide) (Gamma-trace) (Post-gamma-globulin) [MASS=15799]	0.00	11.64	0.15	0.00	1	1	3	TQPNLDNC[330]PFHDQPHLK	2
CYTN_HUMAN (P01037) Cystatin SN precursor (Salivary cystatin SA-1) (Cystatin SA-I) [MASS=16362]	*	17.02	*	*	*	1	2	MAQHLSTLLLLLATLAVALAWSPK	1
DB109_HUMAN (Q30KR1) Beta-defensin 109 precursor (Defensin, beta 109) [MASS=9886]	0.00	20.69	9.00	0.00	1	1	3	GGLGPAEGHC[339]LNLFGVC[339]R	1
DC1L2_HUMAN (O43237) Cytoplasmic dynein 1 light intermediate chain 2 (Dynein light intermediate chain 2, cytosolic) (LIC53/55) (LIC-2) [MASS=54099]	0.00	5.69	0.42	0.00	1	2	2	M[147]KIPPEKMR	2
							2	DFQDYM[147]EPEEGC[330]QGSPQRR	1
DCMC_HUMAN (O95822) Malonyl-CoA decarboxylase, mitochondrial precursor (EC 4.1.1.9) (MCD) [MASS=55003]	0.00	7.30	3.30	0.00	1	2	2	EAAVLLQAEDR	1
							3	TPAPAEGQC[339]ADFVSFYGGLAETAQR	1
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	0.97	4.92	1.74	0.00	1	1	2	AVTNHSVYC[339]STK	1
DCX_HUMAN (O43602) Neuronal migration protein doublecortin (Lissencephalin-X) (Lis-X) (Dublin) [MASS=44925]	0.00	19.15	1.20	0.00	1	4	3	APQSLASSNSAQARENKDFVR	1
							2	SKSPADSANGTSSSQLSTPK	1
							3	APQSLASSNSAQAR	1
							2	IGSMDELEEGESYVC[339]SSDNFFK	1
							3	ILPQDVILKFR	2
DDX27_HUMAN (Q96GQ7) Probable ATP-dependent RNA helicase DDX27 (EC 3.6.1.-) (DEAD box protein 27) [MASS=89835]	*	6.16	*	*	*	4	2	AMPEEEPVR	1
							1	SQEAALR	1
							2	QTM[147]LFSATMTDEVKDLASVSLK	1
DDX58_HUMAN (O95786) Probable ATP-dependent RNA helicase DDX58 (EC 3.6.1.-) (DEAD-box protein 58) (Retinoic acid-inducible gene 1 protein) (RIG-1) (RIG-I) [MASS=106599]	0.00	2.38	0.54	0.00	1	2	2	WKDFHFKEK	1
							2	LC[330]ASLDASVIATVK	1
DECR_HUMAN (Q16698) 2,4-dienoyl-CoA reductase, mitochondrial precursor (EC 1.3.1.34) (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH]) [MASS=36067]	0.59	5.37	1.15	0.00	1	1	2	GM[147]TTLSSLGAQC[339]VIASR	1

DEST_HUMAN (P60981) Dextrin (Actin-depolymerizing factor) (ADF) [MASS=18374]	*	10.98	*	*	*	1	3	ASGVQVADEVLC[330]RIFYDMK	1
DGAT1_HUMAN (O75907) Diacylglycerol O-acyltransferase 1 (EC 2.3.1.20) (Diglyceride acyltransferase) (ACAT-related gene product 1) [MASS=55278]	*	5.74	*	*	*	1	3	GSSKWM[147]ARTGVFLASAFFHEYLVSVPLR	2
DGKQ_HUMAN (P52824) Diacylglycerol kinase theta (EC 2.7.1.107) (Diglyceride kinase theta) (DGK-theta) (DAG kinase theta) [MASS=101403]	0.00	8.92	1.17	0.00	1	5	2	EGNLPSGARC[339]EVC[339]RK	1
							2	QVSQTRFYVAESR	1
							2	C[330]EWC[330]GVQAHSLC[330]SAALAPEC[330]GFGR	1
							2	QAESPESFQLVEVAM[147]GC[339]R	1
							2	ETQATPESGKQTLK	1
							3	ALASLMTYKC[339]AVVDVPFPGGAKAGVK	1
							3	AKPYEGSILEADC[339]DILIPAASEK	2
							2	AKPYEGSILEADC[339]DILIPAASEK	2
							3	TAAYVNAIEKVFK	1
							3	AKPYEGSILEADC[330]DILIPAASEK	1
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	26.16	1.67	0.03	16	7	2	IIKPC[339]NHVLSLSFPIR	2
							3	HYSEAVADREDDPNFFKMVEGFFDR	1
							2	C[339]AVVDVPFPGGAK	2
							3	YSTDVSDEVKALASLM[147]TYKC[330]AVVDVPFPGGAK	1
							1	C[339]AVVDVPFPGGAK	2
							2	C[330]AVVDVPFPGGAK	2
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	1.00	15.16	0.87	0.00	2	2	2	AKPYEGSILEADC[330]DILIPAASEK	3
							2	GAVHQLC[339]QSLAGK	1
							2	GAVHQLC[330]QSLAGK	1
							3	ARNWWWASVDVVENEEASATIIVK	1

								3	GC[339]GPEKDHVYLQLHHLPEQLATR	1
								2	AAFGLSEAGFNTAC[330]VTK	1
								3	AGLPC[339]QDLEFVQFHPTGIYGAGC[339]LITEGC[339]R	2
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	23.49	1.34	0.10	12	7		2	EIPVLPTVHYNMGGIPTNYK	1
								2	TYFSC[330]TSAHTSTGDGTAM[147]ITR	1
								2	AC[339]ALSIEESC[339]RPGDK	1
								3	HVNGQDQIVPGLYAC[339]GEAAC[339]ASVHGANKR	1
								2	AC[330]ALSIEESC[330]RPGDK	1
								3	HVNGQDQIVPGLYAC[330]GEAAC[330]ASVHGANKR	1
								2	AAFGLSEAGFNTAC[339]VTK	1
								2	TYFSC[339]TSAHTSTGDGTAM[147]ITR	1
								2	TYFSC[339]TSAHTSTGDGTAMITR	1
								2	C[330]HTIM[147]NC[330]TR	1
								3	AIAEIKMMATYK	1
								2	KDESEQEK	1
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	18.57	1.70	0.03	7	4		3	EGIC[339]GSC[339]AMNINGGNTLAC[330]TRR	1
								2	C[330]HTIMNC[330]TR	2
								2	C[339]HTIMNC[339]TR	2
								2	C[339]HTIM[147]NC[339]TR	2
DIDO1_HUMAN (Q9BTC0) Death-inducer obliterator 1 (DIO-1) (Death-associated transcription factor 1) (DATF-1) (hDido1) [MASS=243871]	0.00	2.28	1.58	0.00	1	2		3	ELC[339]LIRFHPATEEEEEVAYISLYSFSSR	1
								3	FM[147]IC[330]C[339]DRC[339]EEWFHGDG[339]VGISEAR	1
DJBP_HUMAN (Q5THR3) DJ-1-binding protein (CAP-binding protein complex-interacting protein 1) [MASS=172929]	*	4.73	*	*	*	4		1	NSINSR	1
								2	QGDINASDFLALVEK	1
								2	YC[330]M[147]GNQEVSLNQAKNSKK	1
								2	NLSINNDLNLRYC[330]M[147]GNQEVSLNQAKNSK	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	10.41	1.77	0.05	5	3		3	TVC[339]IEKNETLGGTC[339]LNVGC[339]IPSK	1
								2	VC[330]HAHPTLSEAFR	1
								2	NETLGGTC[339]LNVGC[339]IPSK	1
								2	VC[339]HAHPTLSEAFR	2
DLG1_HUMAN (Q12959) Disks large homolog 1 (Synapse-associated protein 97) (SAP-97) (hDlg) [MASS=100354]	0.00	1.33	*	*	*	1		2	FGSC[339]VPHTTRPK	1

DLG2_HUMAN (Q15700) Discs large homolog 2 (Postsynaptic density protein PSD-93) (Channel-associated protein of synapse-110) (Chapsyn-110) [MASS=97542]	0.00	4.94	1.10	0.00	1	2	3	LRVNDG[330]ILRVNEVDVSEVSHSK	1
							3	EQM[147]M[147]NHSM[147]SSGSGSLRTNQKR	1
							2	EQMMNHSMSSGSGSLRTNQKR	1
DLG3_HUMAN (Q92796) Discs large homolog 3 (Synapse-associated protein 102) (SAP102) (Neuroendocrine-DLG) (XLMR) [MASS=90343]	*	2.57	*	*	*	1	3	IIPGGAAMDGRLGVNDG[339]VLR	1
DLG5_HUMAN (Q8TDM6) Discs large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) [MASS=202085]	*	4.04	*	*	*	4	3	LEQLGEENQRLLKQTEM[147]LTQQR	1
							2	QAIKALLNGEGAINMVVRR	1
							3	ERDRAVSELAELR	1
							3	KSC[339]DEDLTSQKVDELGQK	1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	3.33	*	*	*	5	2	EKFIPPELSMWDYFVAK	1
							2	LFSC[339]GADGTLKTRVLPNAFNIPNR	1
							2	RLWHFLVKQEVQLQETFIR	1
							2	C[339]IAGEVAIVRDPDAGEGTK	1
							2	VAKASFQRNNDALDAALFYLSM[147]K	1
DNC_HUMAN (Q9HC21) Mitochondrial deoxynucleotide carrier (Solute carrier family 25 member 19) (Mitochondrial uncoupling protein 1) [MASS=35511]	0.56	7.50	0.56	0.00	1	1	2	GLAPTLIAIFPYAGLQFSC[330]YSSLK	1
DNJA1_HUMAN (P31689) DnaJ homolog subfamily A member 1 (Heat shock 40 kDa protein 4) (DnaJ protein homolog 2) (HSJ-2) (HSDJ) [MASS=44868]	0.73	2.52	1.06	0.00	1	1	2	NVIC[339]DKC[339]EGR	1
DNS2B_HUMAN (Q8WZ79) Deoxyribonuclease-2-beta precursor (EC 3.1.22.1) (Deoxyribonuclease II beta) (DNase II beta) (DNase2-like acid DNase) (DNase II-like acid DNase) (Endonuclease DLAD) [MASS=41712]	0.00	3.32	2.97	0.00	1	1	2	RNGQSGIC[339]ITFK	1
							3	PIC[330]IATDDYESESGSM[147]ISQTVAM[147]AIAGTSVPQLTR	2
DOCK7_HUMAN (Q96N67) Dedicator of cytokinesis protein 7 [MASS=174363]	0.00	9.79	0.20	0.00	1	6	2	YFTESGLVGLLEQAAASFMSMAGMYEAVNEVYK	1
							3	HC[330]SSSIGTIR	1
							2	IAKGYQTSPDLRLTLWLQNMAGK	1
							2	PPVIAGQIVNLGQASFEAM[147]ASIINR	1
							2	MQVTM[147]SLSSLVGTSQNFNEEFLRRSLK	1
DOCK8_HUMAN (Q8NF50) Dedicator of cytokinesis protein 8 [MASS=230819]	*	1.43	*	*	*	1	3	LASARNITIKIQFMC[339]GEDASNAMPVIFGK	1

DOCK9_HUMAN (Q9BZ29) Dedicator of cytokinesis protein 9 (Cdc42 guanine nucleotide exchange factor zizimin 1) [MASS=236444]	*	3.24	*	*	*	3	3	QLC[330]SSAEVDM[147]IKLQLKLQGSVSVQVNAGPLAYAR	1
							3	ADMC[339]AALC[339]YEILKC[330]C[330]NSK	1
							3	GNMNSAISVTM[147]RSFK	1
DPOD1_HUMAN (P28340) DNA polymerase delta catalytic subunit (EC 2.7.7.7) (DNA polymerase subunit delta p125) [MASS=123630]	*	5.33	*	*	*	3	3	VPYVIISAAKGVAAYMK	1
							3	DPVIQIC[339]SLGLRWGEPEPFLR	1
							3	DPGSAPSLGDRVPYVIISAAK	1
							2	FQLTDC[330]QIYEVLSVIR	2
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	15.21	0.60	0.16	7	5	2	DRFQLTDC[330]QIYEVLSVIR	1
							2	THNSSLEYNIFEGM[147]EC[339]R	1
							2	FQLTDC[339]QIYEVLSVIR	1
							2	NLHQSGFSLSGAQIDNIPRR	1
							2	GLYDGPVC[330]EVSVTPK	2
DPYL3_HUMAN (Q14195) Dihydropyrimidinase-related protein 3 (DRP-3) (Unc-33-like phosphoprotein) (ULIP protein) (Collapsin response mediator protein 4) (CRMP-4) [MASS=61963]	0.86	4.56	1.47	0.00	1	2	2	GAPLVVIC[339]QGGK	1
							2	IVAPPGGRSNITSLS	1
DRC1A_HUMAN (Q9BYI3) Down-regulated by CTNNB1 protein A [MASS=57625]	0.00	13.82	1.13	0.00	1	3	2	QTQRAQSENLELLSLK	1
							2	NVHSSGC[330]IEALLLGYYNLEIVDKQGHTK	1
							3	SFEQVSGVTVPHPNPSSAVGC[339]GAGTDANR	1
DSCAM_HUMAN (O60469) Down syndrome cell adhesion molecule precursor (CHD2) [MASS=222258]	*	3.63	*	*	*	4	2	FLITSTGALYIK	1
							2	TLKRPTVLEIPMEAASSASSTR	1
							3	ARSSMVSTESASSTYEELAR	1
							2	VSNDVGADVSKSM[147]YLTVK	1
DSCL1_HUMAN (Q8TD84) Down syndrome cell adhesion molecule-like protein 1 precursor (Down syndrome cell adhesion molecule 2) [MASS=224461]	*	3.51	*	*	*	3	2	DSLLEM[147]STSGVGRSQKQGAGAYSK	1
							3	DAKSLAEM[147]LISKNNR	1
							3	FVVQPNNQDGIYGKAGVLNC[330]SVDGYPPPKVMWK	1
							2	DAKSLAEMLISKNNR	1
DSCR2_HUMAN (O95456) Down syndrome critical region protein 2 (Leucine-rich protein C21-LRP) [MASS=32854]	*	10.07	*	*	*	1	3	DSAC[330]C[339]PLLEQPNIVHDLPAAVLSYC[339]QVWK	1
DYH11_HUMAN (Q96DT5) Ciliary dynein heavy chain 11 (Axonemal beta dynein heavy chain 11) [MASS=520977]	*	2.17	*	*	*	5	2	QSTLELRLQPEESFILK	1
							3	EIHNC[330]QYVAC[339]M[147]NPMVGSFTISPRLQR	1
							2	WVESEC[330]PEKEK	1
							2	SIGNIYKGLVQTGAWGC[339]FDEFNR	1
							3	QIEC[339]GHVVLNKNM[147]PFTSGNMK	1

DYHC_HUMAN (Q14204) Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) [MASS=532404]	0.59	4.48	1.11	0.00	1	9	2	IRQALVAIFTHLR	1
							3	M[147]NTLLANGEVPGLFEGDEYATLMTQC[330]KEGAQK	1
							3	NLESALRFGNPLLVDVESYDPVLNPVLNREVR	1
							2	TLMAQSIYGGGRVDNEFDQRLNTFLER	1
							2	QHLVEVRSM[147]ANPPAAVK	1
							3	EVDGLDVSKEGTEAWEAAM[147]KR	1
							2	VAAPDVVVPTLDTVRHEALLYTWLAEHK	1
							2	NIHVC[330]LGGLFVPEAYITATR	1
							2	LSLPPNVRIMFEVQDLK	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	0.81	12.36	0.71	0.00	1	1	2	YNPTWHC[339]IVGR	1
							2	C[330]VDM[147]VISELISTVR	1
							3	EFIFSELLANLYSC[339]GDQNTLM[147]EESAEQAQR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	1.00	9.38	0.61	0.06	6	4	3	EFIFSELLANLYSC[330]GDQNTLM[147]EESAEQAQR	2
							2	C[330]VDMVISELISTVR	1
							1	ELRREISYAIK	1
							3	EFIFSELLANLYSC[330]GDQNTLMEESEAEQAQR	1
							2	PGSRGPAPGPPAGSALGGAPPVPSR	1
DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	0.00	0.81	0.26	0.00	1	1	2	LC[330]EETER	1
DYRL1_HUMAN (Q86XF0) Dihydrofolate reductase-like protein 1 [MASS=21620]	0.00	5.88	0.73	0.05	2	1	2	HIKYKFEVC[330]EK	2
DYSF_HUMAN (O75923) Dysferlin (Dystrophy-associated fer-1-like protein) (Fer-1-like protein 1) [MASS=237293]	*	2.31	*	*	*	3	2	EFTGFDPPTYELNTGK	1
							3	GWM[147]IGFEEHKQK	1
							3	LPGGQWIYMSDNYTDVNGEK	1
E2F1_HUMAN (Q01094) Transcription factor E2F1 (E2F-1) (Retinoblastoma-binding protein 3) (RBBP-3) (PRB-binding protein E2F-1) (PBR3) (Retinoblastoma-associated protein 1) (RBAP-1) [MASS=46920]	0.00	10.53	0.92	0.00	1	2	2	MALAGAPAGGPC[339]APALEALLGAGALR	1
							2	LLSEDTDSQRLAYVTC[339]QDLR	1
E2F5_HUMAN (Q15329) Transcription factor E2F5 (E2F-5) [MASS=37610]	0.00	8.67	1.03	0.00	1	1	3	LSPTPADDYNFNLDDNEGVC[330]DLFDVQILNY	1
E41L1_HUMAN (Q9H4G0) Band 4.1-like protein 1 (Neuronal protein 4.1) (4.1N) [MASS=98502]	0.00	4.65	0.65	0.00	1	2	3	GAC[339]STPDM[147]PQFEPVKTTETMTVSSLAIR	1
							2	YTM[147]SRSLDGAEFR	1

E41L3_HUMAN (Q9Y2J2) Band 4.1-like protein 3 (4.1B) (Differentially expressed in adenocarcinoma of the lung protein 1) (DAL-1) [MASS=120677]	0.99	7.54	1.01	0.00	1	3	3	QVRSGAWHFSFNVKFYPPDPAQLSEDIR	1
							3	IVITGDADIDHDQALAAIKEAKEQHPDMSVTK	2
							2	IVITGDADIDHDQALAAIAIK	1
EAA1_HUMAN (P43003) Excitatory amino acid transporter 1 (Sodium-dependent glutamate/aspartate transporter 1) (Glial glutamate transporter) (GLAST-1) [MASS=59572]	*	6.27	*	*	*	2	2	HELKNRDVEM[147]GNSVIEENEM[147]K	1
							3	NM[147]FPPNLVEAC[330]FK	1
							2	DGM[147]NVLGLIGFFIAFGIAM[147]GK	1
							2	C[330]LEENLGIDKR	1
							3	NLFPENLVQAC[330]FQQIQTVTKK	1
							2	NLFPENLVQAC[330]FQQIQTVTK	4
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	16.38	0.54	0.24	11	5	2	NLFPENLVQAC[330]FQQIQTVTKK	1
							3	ESNSNQC[330]VYAAHNSVIVDEC[330]K	1
							2	ESNSNQC[330]VYAAHNSVIVDEC[330]K	1
							2	NLFPENLVQAC[339]FQQIQTVTK	1
							2	C[339]LEENLGIDKR	1
							3	EVEAVIPDHC[339]IFASNTSALPISEIAAVSK	2
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	7.86	1.43	0.05	7	3	2	ALM[147]GLYHGQVLC[330]K	1
							2	QFTPC[339]QLLADHANSPNKK	1
							2	ALM[147]GLYHGQVLC[339]K	1
							3	QFTPC[330]QLLADHANSPNKK	1
							3	QFTPC[339]QLLADHANSPNKK	1
ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	1.00	5.68	1.18	0.05	2	1	3	EGGQYGLVAAC[339]AAGGQGHAM[147]IVEAYPK	1
							3	EGGQYGLVAAC[339]AAGGQGHAMIVEAYPK	1

ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	22.41	2.22	0.04	9	3	2	ALNALC[330]DGLIDELNQALK	1
							3	IC[330]PVETLVEEAIQC[330]AEK	1
							2	ALNALC[339]DGLIDELNQALK	2
							3	IC[339]PVETLVEEAIQC[339]AEK	1
							2	IC[330]PVETLVEEAIQC[330]AEK	1
ECHP_HUMAN (Q08426) Peroxisomal bifunctional enzyme (PBE) (PBE) [Includes: Enoyl-CoA hydratase (EC 4.2.1.17); 3,2-trans-enoyl-CoA isomerase (EC 5.3.3.8); 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.35)] [MASS=79208]	*	13.71	*	*	*	4	3	QAGLVSKIC[330]PVETLVEEAIQC[339]AEKIASNSK	1
							2	IC[339]PVETLVEEAIQC[339]AEK	3
							3	LC[339]NKPIQSLPNMDSIFSEALLK	1
							2	LQKYYRQNPDIQLEPSDYLK	1
							3	ILGEGIAASPEHIDVVYLHGYGC[339]ARHK	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	1.00	9.09	0.65	0.00	2	2	3	QHPGC[330]LAQEAC[339]VRAVQAAVQYPYEVGIKK	1
							2	DGNASGTTLLEALDC[339]ILPPTTRPTDKPLR	1
							3	TIEKFEKEAAEMGK	1
							2	DGNASGTTLLEALDC[330]ILPPTTRPTDKPLR	1
							3	DGNASGTTLLEALDC[339]ILPPTTRPTDKPLR	1
EF1A2_HUMAN (Q05639) Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) [MASS=50470]	0.00	1.94	0.56	0.00	1	1	2	RGNVC[330]GDSK	1
							3	HYAHTDC[330]PGHADYVK	2
							2	KGDEC[339]ELLGHSK	3
							1	KGDEC[339]ELLGHSK	1
							2	HYAHTDC[339]PGHADYVK	2
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	11.95	1.35	0.11	12	3	3	HYAHTDC[339]PGHADYVK	1
							2	HYAHTDC[330]PGHADYVK	2
							3	ELLTEFGYKGEETPVIVGSALC[339]ALEGR	1
							2	HYAHTDC[339]PGHADYVK	1
							3	ELLTEFGYKGEETPVIVGSALC[339]ALEGR	1
ENC1_HUMAN (O14682) Ectoderm-neural cortex 1 protein (ENC-1) (p53-induced protein 10) (Nuclear matrix protein NRP/B) [MASS=66129]	*	4.24	*	*	*	2	2	LKLFAFGGTSVSHDKLPK	1
							1	VYITGGR	1
							2	LKLFAFGGTSVSHDKLPK	1
							1	VYITGGR	1
							2	LKLFAFGGTSVSHDKLPK	1

ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	0.00	6.47	*	*	*	2	2	SGETEDTFIADLVVGLC[330]TGQIK	2
							2	SGETEDTFIADLVVGLC[339]TGQIK	2
							2	TGAPC[330]R	2
							3	SGETEDTFIADLVVGLC[330]TGQIK	1
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	3.46	0.59	0.07	8	1	2	VNQIGSVTEAIQAC[330]K	1
ENP2_HUMAN (Q9Y5L3) Ectonucleoside triphosphate diphosphohydrolase 2 (EC 3.6.1.-) (NTPDase2) (Ecto-ATPase) (CD39 antigen-like 1) [MASS=53665]	*	8.08	*	*	*	2	3	VSLSGSSDPHLC[339]R	2
							3	DVREPPALKYGIVLDAGSSHTSMFIYK	1
ENP3_HUMAN (O75355) Ectonucleoside triphosphate diphosphohydrolase 3 (EC 3.6.1.5) (NTPDase3) (Ecto-ATP diphosphohydrolase) (ATPDase) (Ecto-apyrase) (CD39 antigen-like 3) (HB6) [MASS=59133]	0.26	7.56	2.03	0.00	1	2	2	QEVLPPLGLKYGIVLDAGSSR	1
							3	C[339]SVKGSIGSIYGNPNQDVPR	1
EPHA1_HUMAN (P21709) Ephrin type-A receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH) [MASS=108066]	0.00	3.18	0.61	0.00	1	1	3	SFPGGAGPLGC[330]KETFNLLYMESDQDVGIQLR	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	4.56	2.85	0.00	1	2	3	C[339]KPVMIITEYM[147]ENGSLDAFLRK	1
							2	SGEC[330]QAC[330]KIGYYKALSTDATC[330]AK	1
EPHB1_HUMAN (P54762) Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH-2) (NET) (HEK6) (ELK) [MASS=109885]	0.00	9.15	1.12	0.00	1	5	3	ARTVAGYGKFSGK	1
							3	C[339]DDNVEFVPR	1
							3	FAEIVNTLDKM[147]IRNPASLK	1
							3	NVISIVNETSIILEWHPPR	1
EPHB3_HUMAN (P54753) Ephrin type-B receptor 3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor HEK-2) [MASS=110329]	0.00	7.21	*	*	*	4	3	M[147]VQYRDSFLTAGFTSLQLVTQM[147]TSEDLLR	1
							3	ESFVSAGFASFDLVAQM[147]TAEDLLR	1
							2	TTSPAASIC[339]TC[339]HNNFYR	1
							2	KQRHGSDSEYTEK	1
EPN2_HUMAN (O95208) Epsin-2 (EPS-15-interacting protein 2) [MASS=68553]	0.00	3.27	2.03	0.00	1	1	2	FLEDDPSDPTYTSSLGGK	1
							2	AGGSPASYHGSPASLC[339]PQHR	1

ERBB3_HUMAN (P21860) Receptor tyrosine-protein kinase erbB-3 precursor (EC 2.7.10.1) (c-erbB3) (Tyrosine kinase-type cell surface receptor HER3) [MASS=148097]	0.00	4.62	0.44	0.00	1	3	2 3 3	LAQPQIC[330]TIDVYM[147]VM[147]VK IYISANRQLC[330]YHHSLNWTK NVLLKSPSQVQVADFGVADLLPPDDK	1 1 1
ERCC3_HUMAN (P19447) TFIIH basal transcription factor complex helicase XPB subunit (EC 3.6.1.-) (Basic transcription factor 2 89 kDa subunit) (BTF2-p89) (TFIIH 89 kDa subunit) (DNA-repair protein complementing XP-B cells) (Xeroderma pigmentosum group B-c) [MASS=89277]	0.00	2.56	14.83	0.00	1	1	2	RC[339]LVLGNSAVSVEQWKAQFK	1
ERN2_HUMAN (Q76MJ5) Serine/threonine-protein kinase/endoribonuclease IRE2 precursor (Inositol-requiring protein 2) (hIRE2p) (IRE1b) (Ire1-beta) (Endoplasmic reticulum-to-nucleus signaling 2) [Includes: Serine/threonine-protein kinase (EC 2.7.11.1); Endor [MASS=102250]	*	0.65	*	*	*	1	2	KFRSYK	1
ERR2_HUMAN (O95718) Steroid hormone receptor ERR2 (Estrogen-related receptor, beta) (ERR-beta) (Estrogen receptor-like 2) (ERR beta-2) [MASS=55619]	0.00	6.80	0.41	0.00	1	2	2 3	SC[330]QAC[330]RFM[147]KC[330]LK TIQGNIEYSC[339]PATNEC[330]EITKRR	1 1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	1.00	12.69	1.44	0.02	2	2	2 2	EFHQAGKPIGLC[339]C[339]IAPVLAAG NLSTFAVDGKDC[339]K	1 1
ETFA_HUMAN (P13804) Electron transfer flavoprotein subunit alpha, mitochondrial precursor (Alpha-ETF) [MASS=35079]	0.71	4.80	1.80	0.00	1	1	2	QFNYTHIC[339]AGASAFGK	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.91	1.94	1.94	0.00	1	1	2	LQINAQNC[339]VHC[339]K	1
ETS1_HUMAN (P14921) C-ets-1 protein (p54) [MASS=50408]	*	2.95	*	*	*	1	2	FC[330]MNGAALC[330]ALGK	1
F102B_HUMAN (Q5T8I3) Protein FAM102B [MASS=35629]	*	6.99	*	*	*	1	3	TPPSTSMSIPIAGESESLQEDRK	1

F263_HUMAN (Q16875) 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3 (6PF-2-K/Fru-2,6-P2ASE brain/placenta-type isozyme) (iPFK-2) (NY-REN-56 antigen) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] [MASS=59609]	0.00	5.38	1.07	0.00	1	2	2	VESIYLNVESVC[339]THR	1
							2	DC[339]NSAEAM[147]DDFM[147]K	1
FA20A_HUMAN (Q96MK3) Protein FAM20A precursor [MASS=61404]	*	5.18	*	*	*	1	3	ASSLARDSAAAASDPGTIVHNFSRTEPR	1
FA43B_HUMAN (Q6ZT52) Protein FAM43B [MASS=36776]	*	4.86	*	*	*	1	2	AVVLRC[330]HAVLLARAHK	2
FA49A_HUMAN (Q9H0Q0) Protein FAM49A [MASS=37313]	0.00	7.12	2.02	0.00	1	1	2	VMVGVIIYDHVHPVGAFC[339]KTSK	1
FA50B_HUMAN (Q9Y247) Protein FAM50B (XAP-5-like protein) [MASS=38708]	0.00	7.08	1.50	0.00	1	1	2	KISC[330]LSFALDDLDDQADAAEARR	1
FA5_HUMAN (P12259) Coagulation factor V precursor (Activated protein C cofactor) [Contains: Coagulation factor V heavy chain; Coagulation factor V light chain] [MASS=251670]	0.00	3.87	12.91	0.00	1	3	3	WNILEFDEPTENDAQC[339]LTRPYSDVDIMR	1
							3	HM[147]KRWEYFIAAEEVIWDYAPVIPANM[147]DK	1
							3	C[339]IPDDDEDSYEIFEPPESTVMATRKMHDR	1
FAAA_HUMAN (P16930) Fumarylacetoacetase (EC 3.7.1.2) (Fumarylacetoacetate hydrolase) (Beta-diketonase) (FAA) [MASS=46374]	*	3.82	*	*	*	1	2	DIQKWEYVPLGPFLGK	1
FAM3C_HUMAN (Q92520) Protein FAM3C precursor (Protein GS3786) [MASS=24680]	0.00	12.33	1.11	0.00	1	1	3	IC[339]LEDNVLM[147]SGVKNNVGRGINVALANGK	1
							2	IVIILSEGREERIYNQSQSNK	1
							3	YLEIKEISDANYVSNQALIPRDHSK	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	5.27	1.85	0.00	2	6	2	VM[147]TFVGHASGK	1
							1	VSKEIK	3
							3	SC[339]HSVEDGQLLTSENEDEDEIFRR	2
							3	FIEQIHLQSM[147]FERIC[330]VIVEK	1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	*	2.68	*	*	*	1	3	DC[339]RAALAEITEMVAQLHGTMIKMENFQK	1

FARP2_HUMAN (O94887) FERM, RhoGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) [MASS=119888]	0.00	2.47	10.14	0.00	1	2	2	IC[339]VEYHTFFR	1
							2	VKLLDNTM[147]EIFDIEPK	1
FBLN2_HUMAN (P98095) Fibulin-2 precursor [MASS=126543]	0.00	2.03	*	*	*	1	3	C[330]GEGQVC[330]HNLPGSYRC[330]DC[330]KAGFQR	1
							2	C[330]APGTC[330]QNLDGSYR	1
							2	NMC[330]LNGM[147]C[330]INEDGSFK	1
							2	C[339]PPGFYTSPDGTR	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	*	5.33	*	*	*	8	2	NC[339]TDIDEC[330]RISPDLC[330]GR	1
							2	DLDEC[330]ATKQHNC[339]QFLC[330]VNTIGGFTC[330]K	1
							3	C[339]VNTYGSYEC[330]KC[330]PVGYYLR	1
							3	DINEC[330]ETPGIC[330]MNGRC[330]VNTDGSYR	1
							2	GSYTC[330]EC[330]NDGFTASPNQDEC[339]LDNR	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	1.75	*	*	*	2	3	FGPRGDGSLSC[330]NTEIGVGVSRSSC[339]C[339]C[330]SLGK	1
							3	GYIGTYC[330]GQPVC[330]JENGCC[330]QNGGR	1
FBW1A_HUMAN (Q9Y297) F-box/WD repeat protein 1A (F-box and WD repeats protein beta-TrCP) (E3RSIkappaB) (plkappaBalpha-E3 receptor subunit) [MASS=68866]	*	4.63	*	*	*	1	3	NSLRQTYNSC[339]ARLC[339]LNQETVC[330]LASTAM[147]K	1
FCRL_HUMAN (Q7L513) Fc receptor-like and mucin-like 1 precursor (Fc receptor homolog expressed in B-cells) (Fc receptor-related protein X) (FcRX) (Fc receptor-like protein) [MASS=38927]	0.00	5.57	1.12	0.00	1	1	2	AVPSAEPQAGSPM[147]TLSC[330]QTK	1
FGD3_HUMAN (Q5JSP0) FYVE, RhoGEF and PH domain-containing protein 3 (Zinc finger FYVE domain-containing protein 5) [MASS=79400]	*	4.00	*	*	*	1	2	LLEVYEQLGGEEDIVNPANELIKEGQIQK	1
							2	YLGLLSENC[330]LHSPR	2
FGD5_HUMAN (Q6ZNL6) FYVE, RhoGEF and PH domain-containing protein 5 (Zinc finger FYVE domain-containing protein 23) [MASS=159906]	0.00	3.42	1.34	0.00	1	5	2	VC[339]PISSAAPK	1
							1	VEGQSR	1
							2	TVSRVESFEDR	1
							1	GRAVPGLMR	1
FGF19_HUMAN (O95750) Fibroblast growth factor 19 precursor (FGF-19) [MASS=24002]	*	9.26	*	*	*	1	3	LRHLYTSGPHGLSSC[339]FLRIR	1
FGF22_HUMAN (Q9HCT0) Fibroblast growth factor 22 precursor (FGF-22) [MASS=19662]	*	13.53	*	*	*	1	2	SVHVGVVVIKAVSSGFYVAMNRR	1

FHL2_HUMAN (Q14192) Four and a half LIM domains protein 2 (FHL-2) (Skeletal muscle LIM-protein 3) (SLIM 3) (LIM-domain protein DRAL) [MASS=32196]	0.00	2.87	0.19	0.00	1	1	2	C[330]SLSLVGR	5
FIBB_HUMAN (P02675) Fibrinogen beta chain precursor [Contains: Fibrinopeptide B] [MASS=55928]	0.28	6.11	0.51	0.00	1	2	1	C[330]HAANPNGR	1
							2	HGTDDGVVWM[147]NWKGSWYSMRK	1
FKB10_HUMAN (Q96AY3) FK506-binding protein 10 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (65 kDa FK506-binding protein) (FKBP65) (Immunophilin FKBP65) [MASS=64245]	0.00	4.98	0.48	0.00	1	1	3	NTLVAIVVGVGRLITGM[147]DRGLM[147]GM[147]C[330]VNER	1
FKBP2_HUMAN (P26885) FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (13 kDa FKBP) (FKBP-13) [MASS=15649]	0.81	5.63	1.00	0.00	1	1	2	RVDHC[330]PIK	1
FLIP1_HUMAN (Q7Z7B0) Filamin-A-interacting protein 1 (FILIP) [MASS=138108]	0.00	2.31	0.41	0.00	1	2	2	GEC[330]GNSSLMAEVENLR	1
							2	KLLEQEKAYQAR	1
FLNC_HUMAN (Q14315) Filamin-C (Gamma-filamin) (Filamin-2) (Protein FLNc) (Actin-binding-like protein) (ABP-L) (ABP-280-like protein) [MASS=290957]	*	6.09	*	*	*	7	3	VTVLFAGQNIERSPFENVNGM[147]ALGDANKVSAR	1
							2	SPFPVHVSEAC[330]NPNAC[330]RASGR	1
							2	VRASGPGLERGK	1
							3	YVVTITWGGYAI PRSPFEVQVSPEAGVQK	1
							3	YTIM[147]VLFANQEIPASPFHIK	1
							3	PIPC[339]KLEPGGGAEQA VRYM[147]PPEEGPYK	1
							3	SPFVVNVAPPLDLSKIKVQGLNSK	1
FOLC_HUMAN (Q05932) Folylpolyglutamate synthase, mitochondrial precursor (EC 6.3.2.17) (Folylpoly-gamma-glutamate synthetase) (FPGS) (Tetrahydrofolate synthase) (Tetrahydrofolylpolyglutamate synthase) [MASS=64609]	*	1.19	*	*	*	1	1	DPAALLK	2

FRAP_HUMAN (P42345) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) [MASS=288890]	0.00	6.94	0.51	0.00	1	9	3	QLPQLTSLELQYVSPKLLM[147]C[330]R	1
							3	AIGRLAMAGDTFTAIEYVEFEVK	1
							3	AYGAM[147]VSC[330]HM[147]LSELEEVIQYK	1
							1	YMKSGNVK	1
							2	TAAFQALGLLSVAVR	1
							2	M[147]LGHLVSNAPRLIRPYMEPIK	1
							2	M[147]DTNKDDPELMLGRMR	1
							3	TDSYSAGQSVEILDGVELGEPAHKK	1
							2	MLTNAMEVTGLDGNRYRITC[339]HTVMEVLR	1
FREM1_HUMAN (Q5H8C1) FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) [MASS=244122]	0.00	1.61	0.40	0.00	1	2	2	YVHNGC[330]PILDEDTVK	1
							2	DLSDMQIAYQPPNSSHSERR	1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	*	3.05	*	*	*	1	2	VFNFDFRRPGPEPPR	1
FXL13_HUMAN (Q8NEE6) F-box/LRR-repeat protein 13 (F-box and leucine-rich repeat protein 13) [MASS=83941]	0.00	2.86	1.10	0.00	1	1	2	QFLDGPASM[147]RIRELNLSNC[339]VR	1
FXL16_HUMAN (Q8N461) F-box/LRR-repeat protein 16 (F-box and leucine-rich repeat protein 16) [MASS=51641]	0.00	4.38	*	*	*	1	3	ITDTGLSYLSTMSLSRLYLRL	1
FXL18_HUMAN (Q96ME1) F-box/LRR-repeat protein 18 (F-box and leucine-rich repeat protein 18) [MASS=88341]	0.00	5.71	1.04	0.00	1	2	3	DLRSLASLNLSGC[339]VHC[339]LSPDSLRLK	1
							2	LC[339]LVSRSGTLQPDVLAFLMAR	1
FXVD6_HUMAN (Q9H0Q3) FXVD domain-containing ion transport regulator 6 precursor [MASS=10542]	0.73	8.42	0.92	0.00	1	1	2	C[339]SFNQKPR	1
							2	C[330]SFNQKPR	1
FYV1_HUMAN (Q9Y2I7) FYVE finger-containing phosphoinositide kinase (EC 2.7.1.68) (1-phosphatidylinositol-4-phosphate 5-kinase) (Phosphatidylinositol-3-phosphate 5-kinase type III) (PIPK) (PtdIns(4)P-5-kinase) (PIKfyve) (p235) [MASS=237107]	0.00	5.58	9.10	0.00	1	7	3	NALEELSKATQWNSAEGLPTNSTSDSR	1
							2	FM[147]GYTGDLRAC[330]TYC[339]R	1
							3	KIC[339]HHSSGMEFQDHR	1
							3	QYWMPDSQC[330]KEC[330]YDC[330]SEK	1
							2	ISRM[147]TQGDLMV[147]SMDQLLTK	1
							3	FMGYTGDLRAC[339]TYC[339]RK	1
							2	EM[147]ENRR	1
G109A_HUMAN (Q8TDS4) Nicotinic acid receptor 1 (G-protein coupled receptor 109A) (G-protein coupled receptor HM74A) [MASS=41849]	*	7.16	*	*	*	1	3	RAITFIM[147]VVAIVVIC[330]FLPSVVVRIR	1

G109B_HUMAN (P49019) Nicotinic acid receptor 2 (G-protein coupled receptor 109B) (G-protein coupled receptor HM74) (G-protein coupled receptor HM74B) [MASS=44495]	0.00	3.10	0.77	0.00	1	1	2	GHC[330]HQEPASLEK	1
							2	VPTANVSVVDLTC[330]R	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	9.28	0.72	0.10	6	2	2	IISNASC[330]TTNC[330]LAPLAK	2
							1	VPTANVSVVDLTC[330]R	1
							2	VPTANVSVVDLTC[339]R	1
							2	IISNASC[339]TTNC[339]LAPLAK	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	10.00	0.89	0.36	6	3	2	TM[147]GC[330]LATTHSK	1
							2	HGC[330]AFLVDEVQTGGGC[330]TGK	1
							2	KHGC[339]AFLVDEVQTGGGC[339]TGK	1
							2	KHGC[330]AFLVDEVQTGGGC[330]TGK	1
							2	TM[147]GC[339]LATTHSK	1
							2	HGC[339]AFLVDEVQTGGGC[339]TGK	1
GAH2_HUMAN (P63118) HERV-H_3q26 provirus ancestral Gag polyprotein (Gag polyprotein) [MASS=23279]	*	11.21	*	*	*	2	3	C[330]LIFFC[330]NTAWPQYK	1
							1	KVAGAKGIVK	1
GATM_HUMAN (P50440) Glycine amidinotransferase, mitochondrial precursor (EC 2.1.4.1) (L-arginine:glycine amidinotransferase) (Transamidinase) (AT) [MASS=48455]	0.89	3.55	1.82	0.00	1	1	2	NSC[339]AADDKATEPLPK	1

								2	LFVSGAC[330]DASAK	1
								2	ADQELM[147]TYSHDNIIC[330]GITSVSFSK	1
								2	LFVSGAC[339]DASAK	1
								2	ELAGHTGYLSC[339]C[339]R	1
								2	ELAGHTGYLSC[330]C[330]R	5
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	35.40	0.58	0.15	20	6	3	QTFTGHESDINAIC[330]FFPNGNAFATGSDDATC[330]R	2	
							3	ADQELM[147]TYSHDNIIC[330]GITSVSFSK	1	
							2	AC[330]ADATLSQITNNIDPVGR	1	
							3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[339]R	2	
							1	ELAGHTGYLSC[330]C[330]R	1	
							1	LFVSGAC[330]DASAK	3	
							2	KAC[330]ADATLSQITNNIDPVGR	1	
							2	KAC[339]ADATLSQITNNIDPVGR	1	
							2	ELPGHTGYLSC[339]C[339]R	1	
							2	ELPGHTGYLSC[330]C[330]R	3	
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	3.83	0.63	0.08	4	1				
GBB3_HUMAN (P16520) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 3 (Transducin beta chain 3) [MASS=37221]	0.81	11.18	1.81	0.00	1	2	3	AC[339]ADVTLAELVSGLEVGRVQMRTR	1	
							2	ELSAHTGYLSC[330]C[330]R	1	
GBG12_HUMAN (Q9UBI6) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor [MASS=7875]	1.00	19.72	0.76	0.07	2	1	2	ASADLM[147]SYC[330]EEHAR	1	
							2	ASADLMSYC[330]EEHAR	1	
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	1.00	62.86	0.61	0.01	3	2	2	AAADLM[147]AYC[339]EAHAK	1	
							3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPASENPFR	1	
							2	AAADLM[147]AYC[330]EAHAK	1	
GBG3_HUMAN (P63215) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-3 subunit precursor [MASS=8305]	1.00	40.00	0.60	0.03	2	1	3	AAADLM[147]TYC[339]DAHAC[339]EDPLITPVPTSENPFRR	1	
							3	AAADLM[147]TYC[330]DAHAC[330]EDPLITPVPTSENPFRR	1	

GBG7_HUMAN (O60262) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-7 subunit precursor [MASS=7522]	0.98	20.59	0.54	0.00	1	1	2	AASDLM[147]SYC[330]EQHAR	1
GBLP_HUMAN (P63244) Guanine nucleotide-binding protein subunit beta 2-like 1 (Guanine nucleotide-binding protein subunit beta-like protein 12.3) (Receptor of activated protein kinase C 1) (RACK1) (Receptor for activated C kinase) [MASS=34945]	0.60	8.54	0.74	0.00	1	1	3	TNHIGHTGYLNTVTVSPDGSLC[339]ASGGK	1
GBP4_HUMAN (Q96PP9) Guanylate-binding protein 4 [MASS=73123]	0.00	4.69	0.69	0.00	1	1	3	LPTDTLQELLDVHAAC[330]EREAI AVFMEHSFK	1
GCF_HUMAN (P16383) GC-rich sequence DNA-binding factor (GCF) (Transcription factor 9) (TCF-9) [MASS=91001]	0.00	2.42	4.40	0.00	1	1	3	LPARTKAQNPEPLM[147]C[330]PQM[147]K	1
GCM2_HUMAN (O75603) Chorion-specific transcription factor GCMb (Glial cells missing homolog 2) (GCM motif protein 2) (hGCMb) [MASS=56609]	*	1.78	*	*	*	1	2	IAGDC[339]RAIR	2
							2	YVSAQPLAGR	18
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	*	3.10	*	*	*	2			
							2	VHGGDGAEVYIDLLQKNR	1
GCP_HUMAN (Q9NPF4) Probable O-sialoglycoprotein endopeptidase (EC 3.4.24.57) (hOSGEP) [MASS=36427]	0.00	5.37	0.15	0.00	1	1	3	FC[330]IDNGAM[147]IAQAGWEM[147]FR	1

GCST_HUMAN (P48728) Aminomethyltransferase, mitochondrial precursor (EC 2.1.2.10) (Glycine cleavage system T protein) (GCVT) [MASS=43946]	*	5.71	*	*	*	1	2	NVAM[147]GYVPC[339]EYSRPGTMLLVEVR	1
GEPH_HUMAN (Q9NQX3) Gephyrin [MASS=79748]	0.00	7.34	1.28	0.00	1	2	3	FPVVAVM[147]STGNELLNPEDDLLPGK	1
							3	EAPGMALAMLMGSLNVTPLGMLSRPVC[339]GIR	1
GFI1_HUMAN (Q99684) Zinc finger protein Gfi-1 (Growth factor independence 1) [MASS=45297]	0.00	11.14	1.30	0.00	1	2	3	SM[147]C[339]PSLDEAQPFPPLPKPYSWGLAGSDLR	1
							2	AHSYHQPRSPGPDYSLR	1
							3	LINGGIAGLIGVTC[339]VFPIDLAK	1
							2	LINGGIAGLIGVTC[339]VFPIDLAK	2
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	11.46	1.30	0.08	7	2	2	GVNEDTYSGLDC[339]AR	1
							2	GVNEDTYSGLDC[330]AR	2
							2	LINGGIAGLIGVTC[330]VFPIDLAK	1
GLPK3_HUMAN (Q14409) Glycerol kinase, testis specific 1 (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase) (Glycerokinase) (GK) [MASS=60569]	*	3.44	*	*	*	1	3	FEPQINAESEIRYSTWKK	1
GLRB_HUMAN (P48167) Glycine receptor beta chain precursor (Glycine receptor 58 kDa subunit) [MASS=56122]	*	2.82	*	*	*	1	3	LLVSYDPRIRPNFK	1
GLRX1_HUMAN (P35754) Glutaredoxin-1 (Thioltransferase-1) (TTase-1) [MASS=11644]	0.00	44.76	1.77	0.00	1	2	3	VFIGKDC[330]IGGC[339]SDLVSLQQSGELLTR	1
							3	DC[339]IGGC[339]SDLVSLQQSGELLTR	1
							3	LKEC[330]M[147]DM[147]LR	1
							2	C[339]VQSNIVLLTQAFR	3
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	8.52	1.83	0.01	10	4	2	LKEC[330]M[147]DM[147]LR	1
							2	LKEC[339]M[147]DM[147]LR	2
							3	LKEC[339]M[147]DM[147]LR	1
							2	C[330]VQSNIVLLTQAFR	3
							2	VPFC[339]LQSC[339]VKPLK	1
							3	GIHFC[339]HDLVSLC[339]NFHNYDNLR	1

GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	*	1.16	*	*	*	1	1	FLIEAC[339]JK	1
GMCLL_HUMAN (Q8NEA9) Germ cell-less protein-like 1-like [MASS=60201]	0.39	7.60	1.79	0.00	1	2	2	VVAILAAAC[339]MLQLDGLIQQC[339]GETM[147]K	1
							2	KDFEGMAFLETEPGK	1
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	11.90	0.59	0.07	2	3	2	IIHEAGYSEEEC[330]KQYK	1
							2	EIYTHFTC[330]ATDTK	1
							2	EIYTHFTC[339]ATDTK	1
							2	IIHEAGYSEEEC[330]K	1
GNAI2_HUMAN (P04899) Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40319]	1.00	3.67	0.51	0.00	1	1	2	IIHEDGYSEEEC[330]R	1
GNAI3_HUMAN	0.00	7.93	*	*	*	1	2	ADDARQLFVLGSAEEGVM[147]TPELAGVIK	1
							2	SPLTIC[330]FPEYTGPNITYEDAAAYIQAQFESK	2
							3	KSPLTIC[339]FPEYTGPNITYEDAAAYIQAQFESK	1
							3	MHESLM[147]LFDSIC[339]NNKFFIDTSIILFLNKK	1
							3	KADAKMVC[339]DVVSR	1
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	35.69	0.49	0.16	8	6	2	M[147]VC[339]DVVSR	1
							2	MVC[330]DVVSR	1
							3	KSPLTIC[330]FPEYTGPNITYEDAAAYIQAQFESK	2
							1	M[147]VC[330]DVVSR	2
							3	SPLTIC[330]FPEYTGPNITYEDAAAYIQAQFESK	2
							2	M[147]HESLM[147]LFDSIC[330]NNK	1
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	16.71	1.16	0.22	2	2	2	EIYTHVTC[330]ATDTNNIQVFDAVTDVIIAK	1
							3	EIYTHVTC[339]ATDTNNIQVFDAVTDVIIAK	1
							3	SPLTIC[330]FPEYTGPSAFTEAVAYIQAQYESK	1
GNAS_HUMAN (P63092) Guanine nucleotide-binding protein G(s) subunit alpha (Adenylate cyclase-stimulating G alpha protein) [MASS=45664]	0.95	8.63	0.69	0.00	1	2	3	SNEYQLIDC[330]AQYFLDKIDVIK	1
							2	QADYVPSDQDLLR	2
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	0.97	3.11	0.74	0.00	1	1	2	IPLTIC[330]FPEYK	1

GNRP_HUMAN (Q13972) Guanine nucleotide-releasing protein (GNRP) (Ras-specific nucleotide exchange factor CDC25) (Ras-specific guanine nucleotide-releasing factor) [MASS=145382]	*	7.14	*	*	*	5	2	TM[147]NSC[339]KVLQIR	2
							2	AEPFENHSALEIAEQLTLLDHLVFK	1
							2	SPTTPKSVKNK	1
							2	DNERIQSTQTVAPNDEDSDIKK	1
							3	C[330]LHNYNAVLEITSSMNRSAIFR	1
GGOB1_HUMAN (Q14789) Golgin subfamily B member 1 (Giantin) (Macrogolgin) (372 kDa Golgi complex-associated protein) (GCP372) [MASS=376075]	*	6.23	*	*	*	10	3	HKELSVLLLEM[147]KEAQEEIAFLK	1
							2	DLEITKENLAQAVEHR	1
							3	AQTEVQLQQKVC[339]DTLQGENKELLSQLEETR	1
							2	LPSTDQQESC[339]SSTPGLEEPLFK	1
							2	NM[147]QEKLDALRR	1
							3	ELENLLSQEEEEENIVLEENK	1
							3	QM[147]SIHM[147]EELKINISR	1
							2	QM[147]SIHMEELKINISRLEHDK	1
							2	SEEGKQRSAAQPSTSPAEVQSLK	1
							2	LITEM[147]DRSLLENQSLSSSC[330]ESLK	1
GOR_HUMAN (Q8IX06) Exonuclease GOR (EC 3.1.-.-) (Antigen GOR) (RNA exonuclease 1 homolog-like) [MASS=35139]	*	4.09	*	*	*	1	2	KESLDGFVETFKK	1
GP113_HUMAN (Q8IZF5) Probable G-protein coupled receptor 113 precursor (G-protein coupled receptor PGR23) [MASS=116340]	0.00	1.76	0.97	0.00	1	1	2	LC[330]GADGVWGPVHSSC[330]TDAR	1
GP124_HUMAN (Q96PE1) Probable G-protein coupled receptor 124 precursor (Tumor endothelial marker 5) [MASS=141961]	*	1.35	*	*	*	1	2	YDDVTLM[147]GAEVASGGC[330]M[147]K	1
GP162_HUMAN (Q16538) Probable G-protein coupled receptor 162 (Gene-rich cluster gene A protein) [MASS=63930]	0.00	8.16	4.10	0.00	1	2	3	TVWEQC[339]VAIM[147]SEEDGDDGGC[339]DDYAEGR	1
							2	DPAQVKLLPGRHMLFPPLER	1
							2	C[339]KDVLTGQEFDVR	2
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	1.00	12.24	1.50	0.03	4	5	2	TAEENLDRRVPIPVDR	1
							3	AVKGTILVGGGALATVLGLSQFAHYRR	1
							2	C[339]VINATGPFTDSVRKMD DK	1
							2	C[330]VINATGPFTDSVR	1
							2	C[339]VINATGPFTDSVR	1

GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	9.71	0.48	0.11	5	3	2	KIC[339]TVSENFLR	1
							2	KIC[330]TVSENFLR	1
							2	IC[330]TVSENFLR	2
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	*	3.40	*	*	*	1	2	ITTC[330]GR	1
							2	SREDC[330]C[330]TKF	2
							3	QDVHSRGLC[339]S	2
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	7.08	3.20	0.00	1	2	3	C[339]QGPPGVDLYRLEK	3
GRASP_HUMAN (Q7Z6J2) General receptor for phosphoinositides 1-associated scaffold protein (GRP1-associated scaffold protein) [MASS=42623]	0.00	5.32	0.37	0.00	1	1	2	C[330]AGPGGGGGGAPGALWTEAR	1
GRIA4_HUMAN (P48058) Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4) (AMPA-selective glutamate receptor 4) [MASS=100809]	*	3.88	*	*	*	2	3	SKIAVYEKM[147]WTYMR	1
							3	IAVYEKM[147]WTYMRSAEPSVFTR	1
GRIK4_HUMAN (Q16099) Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1) [MASS=107229]	0.00	2.93	*	*	*	1	3	AKVEVDIFELLRDSEYETAETMC[330]QILPK	1
GRIK5_HUMAN (Q16478) Glutamate receptor, ionotropic kainate 5 precursor (Glutamate receptor KA-2) (KA2) (Excitatory amino acid receptor 2) (EAA2) [MASS=109047]	*	2.65	*	*	*	1	2	LVEDGLYGAPEPNGSWTGM[147]VGELINR	1
GRIPE_HUMAN (Q6GYQ0) GTPase-activating Rap/Ran-GAP domain-like 1 (GAP-related-interacting partner to E12) (GRIPE) (Tuberin-like protein 1) [MASS=229830]	*	0.49	*	*	*	1	2	SFHLLKNEK	1

GRLF1_HUMAN (Q9NRY4) Glucocorticoid receptor DNA-binding factor 1 (Glucocorticoid receptor repression factor 1) (GRF-1) (Rho GAP p190A) (p190-A) [MASS=172228]	*	0.73	*	*	*	1	2	KNLQVVETSAR	1
GRP75_HUMAN (P38646) Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (Mortalin) (MOT) [MASS=73680]	1.00	7.36	0.83	0.89	5	5	2	RTIAPC[330]QK	1
							2	TIAPC[339]QK	1
							2	M[147]EEFKDQLPADEC[339]NK	1
							2	SDIGEVILVGGMTR	1
							2	M[147]EEFKDQLPADEC[330]NK	1
							2	VC[339]QGER	1
GTR11_HUMAN (Q9BYW1) Solute carrier family 2, facilitated glucose transporter member 11 (Glucose transporter type 11) (Glucose transporter type 10) [MASS=53702]	0.00	8.67	0.73	0.00	1	2	3	YLLIDC[330]GDTEAC[330]LAALRR	1
							2	IQYAIIGTGSC[330]JELLTAVVSC[339]VVIER	1
GUC1A_HUMAN (P43080) Guanylyl cyclase-activating protein 1 (GCAP 1) (Guanylate cyclase activator 1A) [MASS=22788]	0.00	11.00	5.65	0.00	1	1	3	FM[147]TEC[339]PSGQLTLYEFRQFFGLK	1
GUC2D_HUMAN (Q02846) Retinal guanylyl cyclase 1 precursor (EC 4.6.1.2) (Guanylate cyclase 2D, retinal) (RETGC-1) (Rod outer segment membrane guanylate cyclase) (ROS-GC) [MASS=120058]	*	2.45	*	*	*	1	3	PLVSM[147]DQAPVEC[330]ILLMKQC[339]WAEQPELR	1
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	0.99	23.70	0.71	0.09	2	1	3	FQSAAIGALQEASEAYLVGLFEDTNLC[339]AIHAK	2
HAPIP_HUMAN (O60229) Huntingtin-associated protein-interacting protein (Protein Duo) [MASS=192228]	*	1.86	*	*	*	3	3	HLFLFEISLVFSK	1
							2	ALLDVLQR	1
							2	TPAKQRNNSK	1
							3	GTFATLSELHC[339]DKLHVDPENFR	2
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	15.07	0.85	0.03	5	1	3	GTFATLSELHC[330]DKLHVDPENFR	2
							2	GTFATLSELHC[339]DKLHVDPENFR	1
HBP1_HUMAN (O60381) HMG box-containing protein 1 (HMG box transcription factor 1) (High mobility group box transcription factor 1) [MASS=57645]	0.00	4.67	1.86	0.00	1	2	1	PPPVSSSSK	1
							2	ASLSC[339]GGPGGQDFAR	1

HCDH_HUMAN (Q16836) Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase) [MASS=34277]	0.00	1.91	5.32	0.00	1	1	2	HPVSC[339]K	1
HCFC1_HUMAN (P51610) Host cell factor (HCF) (HCF-1) (C1 factor) (VP16 accessory protein) (VCAF) (CFF) [Contains: HCF N-terminal chain 1; HCF N-terminal chain 2; HCF N-terminal chain 3; HCF N-terminal chain 4; HCF N-terminal chain 5; HCF N-terminal chain] [MASS=208840]	*	1.47	*	*	*	1	2	QTSATSTMTVM[147]ATGAPC[330]SAGPLLGPSPM[147]AR	1
HCN4_HUMAN (Q9Y3Q4) Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4 [MASS=129041]	*	2.91	*	*	*	2	3	QRIHDYYEHRYQGK	2
							3	TGIVVEDNTEIILDPQRIKMK	1
HDAC8_HUMAN (Q9BY41) Histone deacetylase 8 (HD8) [MASS=41757]	0.00	7.43	1.02	0.00	1	1	2	AVVLQLGADTIAGDPMC[330]SFNM[147]TPVGIGK	2
							2	VLNNVVIHLLGDEDPRVR	1
							3	RVHPSEDEILAQYLVPATC[339]KAAAVLGM[147]DK	1
HD_HUMAN (P42858) Huntingtin (Huntington disease protein) (HD protein) [MASS=347857]	*	4.20	*	*	*	6	3	FHVGDWMGTIRTLTGNTFLADC[339]IPLLR	1
							2	VNVHSPHRAM[147]AALGLMLTC[339]MYTGKEK	1
							3	AMAALGLMLTC[339]MYTGKEK	1
							3	EPGEQASVPLSPK	2
HEAT1_HUMAN (Q9H583) HEAT repeat-containing protein 1 (Protein BAP28) [MASS=242369]	*	3.68	*	*	*	4	2	AEALM[147]M[147]PLVDQLENRLGGEEK	1
							3	YNEFSVSLLNEDPKSLDIFIKAVHTTK	1
							2	ILAMNHLKK	1
							3	NWKNHM[147]GPFM[147]SILQEHIGVMKK	1
HEAT3_HUMAN (Q7Z4Q2) HEAT repeat-containing protein 3 [MASS=74582]	*	8.68	*	*	*	3	2	KIFEKTAFPNSIAVDLC[339]SR	1
							2	DPSLVVAGEALDALFDVFADGK	1
							3	ILSEVLGM[147]DAGEMVIQM[147]K	1
HEPH_HUMAN (Q9BQS7) Hephaestin precursor (EC 1.-.-.-) [MASS=130448]	*	3.45	*	*	*	2	2	QRYQAAR	1
							3	GDTVAVHLLGLGTETDVHGVFMFQGNTVQLQGM[147]R	1
HEPS_HUMAN (P05981) Serine protease hepsin (EC 3.4.21.-) (Transmembrane protease, serine 1) [Contains: Serine protease hepsin non-catalytic chain; Serine protease hepsin catalytic chain] [MASS=45011]	*	4.32	*	*	*	1	3	LPHTQRLLLEVISVC[330]DC[339]PR	1

HEXB_HUMAN (P07686) Beta-hexosaminidase beta chain precursor (EC 3.2.1.52) (N-acetyl-beta-glucosaminidase) (Beta-N-acetylhexosaminidase) (Hexosaminidase B) (Cervical cancer proto-oncogene 7) (HCC-7) [Contains: Beta-hexosaminidase beta-B chain; Beta-hexos [MASS=63111]	*	2.16	*	*	*	1	3	MVIEYARLRGIR	1
HHCM_HUMAN (Q05877) Hepatocellular carcinoma protein HHCM (HHC(M)) [MASS=52150]	0.00	6.64	0.34	0.00	1	2	2	VIIISILQQVMANTLEINGKIR	1
							2	DVRVTC[330]IPK	1
HIG2A_HUMAN (Q9BW72) HIG1 domain family member 2A [MASS=11528]	1.00	23.58	1.27	0.00	2	1	3	ENPVVPIGC[330]LATAAAALTYGLYSFHR	1
							3	ENPVVPIGC[339]LATAAAALTYGLYSFHR	1
HINT2_HUMAN (Q9BX68) Histidine triad nucleotide-binding protein 2 (EC 3.-.-.-) (HINT-2) (HINT-3) (HIT-17kDa) (PKCI-1-related HIT protein) [MASS=17162]	0.98	10.43	1.11	0.00	1	1	2	SLPADILYEDQQC[339]LVFR	1
HNRH1_HUMAN (P31943) Heterogeneous nuclear ribonucleoprotein H (hnRNP H) [MASS=49098]	0.00	2.90	0.83	0.00	1	1	2	DLNYC[339]FSGM[147]SDHR	1
HNRPK_HUMAN (P61978) Heterogeneous nuclear ribonucleoprotein K (hnRNP K) (Transformation up-regulated nuclear protein) (TUNP) [MASS=50976]	*	2.16	*	*	*	1	2	RGPPPPPPGR	1
HOOK2_HUMAN (Q96ED9) Hook homolog 2 (h-hook2) (hHK2) [MASS=83163]	*	4.17	*	*	*	2	2	IRHLEMDFEKSR	1
							2	QVQELQGQLQEEAM[147]KA EK	1
HS105_HUMAN (Q92598) Heat-shock protein 105 kDa (Heat shock 110 kDa protein) (Antigen NY-CO-25) [MASS=96864]	*	0.82	*	*	*	1	1	VLTLR	1
HS12A_HUMAN (O43301) Heat shock 70 kDa protein 12A [MASS=74978]	0.70	7.85	0.87	0.00	1	2	2	SNVDFVKWSSQGM[147]LRM[147]SPDAM[147]NALFK	1
							3	FLFLVGGFAEAPLLQQAVQAAFGDQC[339]R	1
HS12B_HUMAN (Q96MM6) Heat shock 70 kDa protein 12B [MASS=75687]	0.00	4.96	0.31	0.00	1	1	3	M[147]SC[330]EAMNELFQPTVSGIIQHIEALLARPEVQGVK	1
HS74L_HUMAN (Q95757) Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related protein APG-1) [MASS=94486]	0.51	5.13	0.85	0.00	1	2	3	C[330]HAEHTPEEEIDHTGAKTKSAVSDK	1
							2	ANSEHNGPM[147]DGQSGTETK	1
HS90A_HUMAN (P07900) Heat shock protein HSP 90-alpha (HSP 86) (NY-REN-38 antigen) [MASS=84528]	0.92	2.60	0.68	0.00	1	1	2	YYTSASGDEM[147]VSLKDYC[330]TR	1

HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	*	1.11	*	*	*	1	2	KM[147]EESKAK	1
HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	0.00	7.33	1.41	0.00	1	2	2 2	MAKAAAIGIDLGTITYSC[330]VGVFQHGK AAAIGIDLGTITYSC[330]VGVFQHGK	1 1
HXD8_HUMAN (P13378) Homeobox protein Hox-D8 (Hox-4E) (Hox-5.4) [MASS=31910]	0.00	6.55	0.33	0.00	1	1	2	QPIFTTQQEALVQYPDC[330]K	1
							1	LPVGFTFSFPC[339]QQSK	2
							3	LGVEPSDDDC[339]VSVQHVC[330]TIVSFR	1
							2	TVC[339]GVVSR	1
							2	AILQQLGLNSTC[330]DDSILVK	1
							2	LPVGFTFSFPC[330]QQSK	2
							2	C[339]NVSFLLSEDGSGKGAALITAVGVR	1
							1	C[339]NVSFLLSEDGSGK	1
							3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
							2	C[330]NVSFLLSEDGSGK	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	21.70	1.74	0.07	33	12	1	ATDC[339]VGHDVVTLLR	2
							1	TVC[339]GVVSR	1
							1	LPVGFTFSFPC[330]QQSK	1
							2	LPVGFTFSFPC[339]QQSK	4
							2	TVC[330]GVVSR	1
							2	EMKNGLSRDFNPTATVK	1
							2	AAQLC[330]GAGM[147]AAVVDK	1
							2	AAQLC[339]GAGM[147]AAVVDKIR	1
							3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
							2	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
							2	C[339]NVSFLLSEDGSGK	2
							2	LGVEPSDDDC[339]VSVQHVC[330]TIVSFR	1

								2	AILQQLGLNSTC[339]DDSILVK	1
								2	AAQLC[330]GAGMAAVVDK	1
								2	ATDC[339]VGHDVVTLLR	1
								2	RAAQLC[339]GAGM[147]AAVVDK	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	21.70	1.74	0.07	33	12		2	AAQLC[339]GAGM[147]AAVVDK	2
								2	KLPVGFTFSFPC[330]QQSK	1
								2	KLPVGFTFSFPC[339]QQSK	1
								2	AAQLC[330]GAGM[147]AAVVDKIR	1
								2	RAAQLC[330]GAGM[147]AAVVDK	1
I12R2_HUMAN (Q99665) Interleukin-12 receptor beta-2 chain precursor (IL-12 receptor beta-2) (IL-12R-beta2) [MASS=97135]	0.00	2.32	1.04	0.00	1	2		2	EIPDPANSTC[339]AKK	1
								1	HDLLDLK	1
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	0.00	5.37	1.40	0.00	1	3		2	QC[339]REEVLKNFTDQLR	1
								2	C[339]IKKLTDNQTSTM[147]IK	1
								2	KLTDNQTSTMIKATAR	1
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	0.00	2.21	*	*	*	1		2	LVRSEANYETDPFVQEFQFK	1
I2C4_HUMAN (Q9HCK5) Eukaryotic translation initiation factor 2C 4 (eIF2C 4) (eIF-2C 4) (Argonaute-4) [MASS=97096]	0.00	0.58	*	*	*	1		1	IYYR	1
I5P1_HUMAN (Q14642) Type I inositol-1,4,5-trisphosphate 5-phosphatase (EC 3.1.3.56) (5PTase) [MASS=47819]	*	2.91	*	*	*	1		3	KLFDYFNQEVFR	1
								2	GNPEPSVHC[339]AR	1
								3	C[339]EARGNPEPSVHC[330]AR	1
ICAM5_HUMAN (Q9UMF0) Intercellular adhesion molecule 5 precursor (ICAM-5) (Telencephalin) [MASS=97330]	1.00	10.82	0.59	0.10	4	6		2	EDAGTYHC[330]VATNAHGTDSDR	1
								2	ALSGTYRC[330]K	1
								3	VSREDAGTYHC[339]VATNAHGTDSDRTVTVGVEYR	1
								2	GNPEPSVHC[330]AR	1
								2	LFSC[330]EVDGKPKQPSVK	1

								2	EVAESC[339]KDIK	2
								2	TFDLYANVRPC[330]VSIEGYK	1
								2	C[339]REVAESC[339]K	2
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	35.52	1.55	0.06	9	9		2	TFDLYANVRPC[339]VSIEGYK	1
								2	C[339]SDFTEEIC[339]R	1
								3	SLTKDLGGNAKC[339]SDFTEEIC[339]R	1
								2	C[339]REVAESC[339]KDIK	1
								3	HM[147]GLFDHAARIEAAC[330]FATIK	1
								2	EVAESC[330]KDIK	1
								2	KTFDLYANVRPC[339]VSIEGYK	1
								2	MSDGLFLQKC[330]R	1
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	18.07	1.51	0.03	4	5		2	TSLDLYANVIHC[339]K	1
								2	LGDGLFLQC[339]C[339]R	1
								3	AKSLRIAIFYAFK	1
								2	IAEYAFKLAQESGRK	1
								2	NIANPTATLLASC[339]M[147]M[147]LDHLK	1
								2	NIANPTATLLASC[330]M[147]M[147]LDHLK	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	14.60	1.38	0.12	10	5		2	NILGGTVFREPIIC[339]K	1
								2	C[339]ATITPDEARVEEFK	1
								2	VC[339]VETVESGAM[147]TK	1
								2	DLAGC[339]IHGLSNVK	1
								2	VC[330]VETVESGAM[147]TK	2
								2	C[330]ATITPDEAR	1
								2	C[330]ATITPDEARVEEFK	1
								2	NILGGTVFREPIIC[330]K	2
								2	DLAGC[330]IHGLSNVK	1
IF4G2_HUMAN (P78344) Eukaryotic translation initiation factor 4 gamma 2 (eIF-4-gamma 2) (eIF-4G 2) (eIF4G 2) (p97) (Death-associated protein 5) (DAP-5) [MASS=102361]	0.00	14.44	0.14	0.00	1	6		2	M[147]C[330]SLM[147]LSKELPARIR	1
								3	HRSNQLFNHGGHIMPPTQSQFGEM[147]GGK	1
								2	LILKGVILLIVDKALEEPK	1
								2	DPLGGLADMFGQM[147]PGSGIGTGPGVIQDRFSPTM[147]GR	1
								3	ELPARIRFLLQDTVLR	1
								2	LC[339]LELLNVGVESKLILK	1
IF5A1_HUMAN (P63241) Eukaryotic translation initiation factor 5A-1 (eIF-5A-1) (eIF-5A1) (Eukaryotic initiation factor 5A isoform 1) (eIF-5A) (eIF-4D) (Rev-binding factor) [MASS=16701]	0.90	12.42	*	*	*	1		3	KYEDIC[330]PSTHNM[147]DVPNIKR	1

IF5A2_HUMAN (Q9GZV4) Eukaryotic translation initiation factor 5A-2 (eIF-5A-2) (eIF-5A2) (Eukaryotic initiation factor 5A isoform 2) [MASS=16662]	0.90	37.50	0.76	0.00	1	2	3	ADEIDFTTGDAGASSTYPM[147]QC[339]SALR	1
							3	EIEGKYNAGEDVQVSVM[147]C[339]AM[147]SEEYAVAIAKPC[339]K	1
IFNA6_HUMAN (P05013) Interferon alpha-6 precursor (Interferon alpha-K) (LeIF K) (Interferon alpha-54) [MASS=22140]	0.00	8.99	1.53	0.00	1	1	2	M[147]ALPFALLMALVVLSC[339]K	1
IGHD_HUMAN (P01880) Ig delta chain C region [MASS=42125]	0.00	12.27	0.75	0.00	1	2	3	LM[147]ALREPAAQAPVK	1
							3	DNSPVVLAC[339]LITGYHPTSVTVTWYMGTSQSPQR	1
							3	EKDTATLNC[339]QSSGSKPAAR	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	1.00	9.05	0.54	0.24	7	2	2	EKDTATLNC[330]QSSGSKPAAR	1
							2	EDDGASIVC[330]SVNHESLK	2
							2	EDDGASIVC[339]SVNHESLK	1
							3	EKDTATLNC[330]QSSGSKPAAR	2
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.98	3.10	0.36	0.00	1	1	2	LQAQDAGIYEC[330]HTPSTDTR	1
							3	KWKSSFQHHHLR	11
IL1F8_HUMAN (Q9NZH7) Interleukin-1 family member 8 (IL-1F8) (Interleukin-1 eta) (IL-1 eta) (FIL1 eta) (Interleukin-1 homolog 2) (IL-1H2) [MASS=18521]	*	16.46	*	*	*	2			
							3	DFSSMRTNIGM[147]PGRM	1
IL2RB_HUMAN (P14784) Interleukin-2 receptor beta chain precursor (IL-2 receptor) (P70-75) (p75) (High affinity IL-2 receptor subunit beta) (CD122 antigen) [MASS=61117]	0.00	7.99	1.26	0.00	1	2	3	LPLLILLPLATSWASAAVNGTSQFTC[330]FYNSR	1
							2	EAGEEVPDAGPR	4

IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	1.00	11.08	1.83	0.01	2	4	2	ANC[339]SDNEFTQALTAAIPPESTR	1
							2	VQAAQSEAKVVSQYHELVVQAR	1
							2	RLSSEQVDNFTLDINTAYAR	1
							2	LLSYASYC[339]IEHGDLELA AK	1
							3	RNGSGVFISDIVK	1
INADL_HUMAN (Q8NI35) InaD-like protein (Inadl protein) (hINADL) (Pals1-associated tight junction protein) (Protein associated to tight junctions) [MASS=196385]	*	4.72	*	*	*	5	3	EELVDEPFLDLGKSFHSQQK	1
							3	MKLQEKGDTSQNEK	1
							2	NC[330]GNSVRMLVAR	1
							3	DPAGDISVTPPAPAALPVALPTVASK	1
INT10_HUMAN (Q9NVR2) Integrator complex subunit 10 (Int10) [MASS=82235]	0.00	1.97	1.08	0.00	1	1	3	IC[339]LAWKTDTWLWLR	1
							3	HM[147]KQLGAGDVDRWR	1
INVS_HUMAN (Q9Y283) Inversin (Inversion of embryo turning homolog) (Nephrocystin-2) [MASS=117826]	0.00	8.45	*	*	*	5	3	M[147]NKSENLLFAGSSLASQVHAAVNGDKGALQR	1
							2	NFSYNLQSATQPK	1
							2	IPLHWAANH KDPSAVHTVR	1
							2	HRSPKC[330]LALLLK	1
IP6K1_HUMAN (Q92551) Inositol hexaphosphate kinase 1 (EC 2.7.4.21) (InsP6 kinase 1) (Inositol hexakisphosphate kinase 1) [MASS=50235]	*	3.40	*	*	*	1	2	ASLSLETSESSQEAK	1
IPKG_HUMAN (Q9Y2B9) cAMP-dependent protein kinase inhibitor gamma (PKI-gamma) [MASS=7910]	0.00	21.05	5.39	0.00	1	1	3	M[147]M[147]EVESSYSDFISC[339]DR	1
IPO7_HUMAN (O95373) Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) [MASS=119516]	0.00	5.01	0.90	0.00	1	3	2	TM[147]GFC[330]YQILTEPNADPRK	1
							1	AAHESK	1
							3	LLEVILQC[330]KGRGIDQC[339]IPLFVEAALER	1
IQGA2_HUMAN (Q13576) Ras GTPase-activating-like protein IQGAP2 [MASS=180480]	0.00	3.81	1.33	0.00	1	3	2	EEVVTKIRANQQLEK	1
							2	RQNIAYEYLC[339]HLEEAKR	1
							3	EIEDIIEEVTVG YIRENIWSASEELLR	1
IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	*	2.01	*	*	*	1	3	GLDSC[339]LSFLDKK	1
IRK13_HUMAN (O60928) Inward rectifier potassium channel 13 (Potassium channel, inwardly rectifying subfamily J member 13) (Inward rectifier K(+) channel Kir7.1) [MASS=40529]	*	6.67	*	*	*	1	3	GEYQIKMENFDKTVPEFPTPLVSK	1

IRK14_HUMAN (Q9UNX9) ATP-sensitive inward rectifier potassium channel 14 (Potassium channel, inwardly rectifying subfamily J member 14) (Inward rectifier K(+) channel Kir2.4) (IRK4) [MASS=47845]	0.00	2.98	2.67	0.00	1	1	2	YLSDLFTTC[339]VDVR	1
IRK6_HUMAN (P48051) G protein-activated inward rectifier potassium channel 2 (GIRK2) (Potassium channel, inwardly rectifying subfamily J member 6) (Inward rectifier K(+) channel Kir3.2) (KATP-2) (BIR1) [MASS=48451]	0.00	5.44	2.16	0.00	1	1	2	EELEIVVILEGM[147]VEATGM[147]TC[339]QAR	1
IRS2_HUMAN (Q9Y4H2) Insulin receptor substrate 2 (IRS-2) [MASS=137333]	*	1.94	*	*	*	1	3	DGGGGGEFYGYMTM[147]DRPLSHC[339]GRSYR	1
ISK5_HUMAN (Q9NQ38) Serine protease inhibitor Kazal-type 5 precursor (Lympho-epithelial Kazal-type-related inhibitor) (LEKTI) [Contains: Hemofiltrate peptide HF6478; Hemofiltrate peptide HF7665] [MASS=120758]	0.00	5.26	0.70	0.00	1	4	2	NNELIC[330]PR	1
							3	GPYGKMHINKC[339]AMC[330]QSIFDR	1
							2	EEKGKVEAEK	1
							2	FFQSLDGIMFINKC[330]ATC[330]K	1
ISK6_HUMAN (Q6UWN8) Serine protease inhibitor Kazal-type 6 precursor [MASS=8585]	0.00	26.25	0.71	0.00	1	2	1	AIVKSGGK	1
							2	C[330]AFC[330]KAIVKSGGK	1
ITA11_HUMAN (Q9UKX5) Integrin alpha-11 precursor [MASS=133609]	*	4.79	*	*	*	3	3	C[339]PVIHGNC[330]TKLNLGRVTLNVSER	1
							2	LGFFRSAR	1
							3	VMIVTDGESHDSPDLEKVIQQSER	1
							3	QHNSC[339]TTENKNEPC[339]GAR	1
ITA1_HUMAN (P56199) Integrin alpha-1 (Laminin and collagen receptor) (VLA-1) (CD49a antigen) [MASS=127837]	0.00	11.21	1.23	0.00	1	7	2	SIASEPTEKHFFNVDELALVTIVK	1
							3	C[339]PVGRGESLPC[339]VKLDLPVNTSIPNVTEVK	1
							2	NC[330]JHM[147]EGK	1
							3	DSC[330]ESNHNITC[330]KVGYPFLR	1
							2	SQNDKFNVS�TVKNTK	1
							3	KVM[147]VIVTDGESHDNHR	1
ITA2B_HUMAN (P08514) Integrin alpha-IIb precursor (Platelet membrane glycoprotein IIb) (GPIIb) (CD41 antigen) [Contains: Integrin alpha-IIb heavy chain; Integrin alpha-IIb light chain] [MASS=113390]	0.00	2.12	0.53	0.00	1	1	3	TPVSC[330]FNIQM[147]C[330]VGATGHNIPQK	1

ITA2_HUMAN (P17301) Integrin alpha-2 precursor (Platelet membrane glycoprotein Ia) (GPIa) (Collagen receptor) (VLA-2 alpha chain) (CD49b antigen) [MASS=129295]	*	1.61	*	*	*	1	2	GILGQHQFLEGPEGIENTR	1
ITA6_HUMAN (P23229) Integrin alpha-6 precursor (VLA-6) (CD49f antigen) [Contains: Integrin alpha-6 heavy chain; Integrin alpha-6 light chain] [MASS=126618]	0.00	2.39	1.06	0.00	1	1	3	EDQWMGVTVQSQGGPGKVVTCT[330]AHRYEK	1
ITAD_HUMAN (Q13349) Integrin alpha-D precursor (Leukointegrin alpha D) (ADB2) (CD11d antigen) [MASS=126885]	0.00	3.87	0.78	0.00	1	2	3 2	PEAVNM[147]SLGLTLAASTNGSRLAC[339]GPTLHR SPMLDC[330]SIADC[330]LQFR	1 1
ITLN2_HUMAN (Q8WWU7) Intelectin-2 precursor (Endothelial lectin HL-2) [MASS=36211]	*	12.92	*	*	*	2	2 3	EFVAGFVQFR NGVVYQTFCT[339]DM[147]TSGGGGWTLVASVHENDMRGK	1 1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.96	13.71	1.54	0.00	1	4	3 2 2 2	IGHFQLMQGKMADM[147]YTR MADMYTRLMAC[339]R AC[339]DEGHC[339]TAK GITAFIVEKGMPGFSTSKK	1 1 1 1
JAD1C_HUMAN (P41229) Jumonji/ARID domain-containing protein 1C (SmcX protein) (Xe169 protein) [MASS=175804]	*	0.83	*	*	*	1	3	EFGSGFPVSDSKR	1
JAG2_HUMAN (Q9Y219) Jagged-2 precursor (Jagged2) (HJ2) [MASS=133365]	*	4.52	*	*	*	3	2 2 2	AGGC[330]GHDEC[330]DTYVRVC[330]LK RADEALPGPAGHAAVR ARAGGDQDPGLVIPQFAWPR	1 1 1
JARD2_HUMAN (Q92833) Jumonji protein (Jumonji/ARID domain-containing protein 2) [MASS=138734]	*	2.09	*	*	*	2	1 2	PQSPPKK TVQSQGFVVC[330]FPGSFVSK	1 1
JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	0.00	7.49	0.78	0.00	1	5	3 2 2 3 3	FNLM[147]LM[147]EC[339]SIC[330]NEIHPGC[339]LKIK PPGIC[339]ER QTEATNAIAEM[147]KYPKVK PTVVDLVDVNDNMWPQHLKEKQTEATNAIAEM[147]K EVWMAVFSYLSHQDLC[339]VC[339]M[147]R	1 1 1 1 1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	*	2.72	*	*	*	3	3 3 2	RNSPSPWLHQPTVTSADGIGLLSHIPVRPSSAEPHR SGRTM[147]PNILDDIIASVVENKIPPSK MNISLWK	1 1 1

JPH2_HUMAN (Q9BR39) Junctophilin-2 (Junctophilin type 2) (JP-2) [MASS=74221]	*	2.59	*	*	*	1	2	QKVEHSVEGAQRAAAIAR	1
JUNB_HUMAN (P17275) Transcription factor jun-B [MASS=35879]	0.00	14.70	1.37	0.00	1	2	2	QKVMTHVSNGC[330]QLLLGVKGHAF	1
							2	MEQPFYHDDSYTATGYGRAPGGLSLHDYK	1
							2	RVAEAHVPNFIFDEFR	1
							2	NLGMVC[339]R	10
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	1.98	37.41	0.00	1	2			
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	0.00	5.14	0.78	0.00	1	6	2	RSSLSSHSHQSQIYR	1
							3	C[330]SSM[147]SSLSR	1
							2	YWC[339]DAEYDAYRREHSAFGDR	1
							2	TEAYEYAQSLGAETC[330]PLPSFQVFK	1
							3	NGLWGHALLLASKMDSRTHAR	1
							2	TVQAAPPALPGPPGAPVNM[147]YSRR	1
K1024_HUMAN (Q9UPX6) UPF0258 protein KIAA1024 [MASS=102992]	*	1.42	*	*	*	1	2	SLC[330]ARFDLSQLAK	1
K1045_HUMAN (Q9UPV7) Protein KIAA1045 [MASS=45191]	1.00	9.75	0.78	0.13	2	3	2	QTVEQVQKVS LAVSAFK	1
							2	VFHDGC[330]LR	1
							2	VIPDC[330]SLTLEDFLR	1
K1219_HUMAN (Q86X10) Protein KIAA1219 [MASS=166797]	*	3.55	*	*	*	3	2	RSSINILLSLLPLPHHFGTVK	1
							2	EVPIVIFHPLNTGLFR	1
							2	RAISSVC[339]TYIVYQC[339]SR	1
K1267_HUMAN (Q7Z3B3) Protein KIAA1267 [MASS=120965]	*	9.05	*	*	*	4	2	LNLVSSSSDGTG[339]VAARTRPVLSC[330]K	1
							1	DRHKLVSFLTTAK	1
							3	FKLAPPSSTLSPGSAENNGNANILIAANGTKR	1
							2	PVNGVINTLQPV LADHIPGDSSDAEEQLHK	1
K1C10_HUMAN (P13645) Keratin, type I cytoskeletal 10 (Cytokeratin-10) (CK-10) (Keratin-10) (K10) [MASS=59518]	0.99	8.43	0.31	0.15	2	2	2	YC[330]VQLSQIQAQISALEEQLQQIR	2
							2	NVSTGDVNVEMNAAPGVDLTQLLNMR	1
K2C1_HUMAN (P04264) Keratin, type II cytoskeletal 1 (Cytokeratin-1) (CK-1) (Keratin-1) (K1) (67 kDa cyokeratin) (Hair alpha protein) [MASS=65886]	0.99	6.22	0.68	0.00	1	2	3	DYQELM[147]NTKLALDLEIATYR	1
							2	FSSC[330]GGGGGSFGAGGGFGSR	1

K6PP_HUMAN (Q01813) 6-phosphofructokinase type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme C) (PFK-C) (6-phosphofructokinase, platelet type) [MASS=85596]	0.93	5.23	1.22	0.00	1	2	2	KFTTDDSIK[330]VLGISK	1
							3	THSINALLIIGGFEAYLGLELSAAR	2
KAC_HUMAN (P01834) Ig kappa chain C region [MASS=11609]	0.94	33.96	0.63	0.00	1	2	2	DSTYLSSTLTLSKADYEK	1
							2	VYAC[330]EVTHQGLSSPVTK	1
KAD4_HUMAN (P27144) Adenylate kinase isoenzyme 4, mitochondrial (EC 2.7.4.3) (Adenylate kinase 3-like 1) (ATP-AMP transphosphorylase) [MASS=25268]	0.98	20.18	1.28	0.03	2	2	3	SRGVLHQFSGTETNK	1
							3	TLGQAEALDKIC[339]EVDLVISLNIPFETLKDR	2
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	9.00	0.90	0.05	14	3	3	MC[339]DPGMTAFEPEALGNLVEGLDFHR	1
							3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							2	STVASC[339]M[147]HR	2
							2	QETVDC[339]LKK	1
							2	STVASC[330]MHR	2
							1	QETVDC[330]LKK	1
							2	M[147]C[330]DPGMTAFEPEALGNLVEGLDFHR	1
							2	STVASC[330]M[147]HR	2
							2	M[147]C[339]DPGMTAFEPEALGNLVEGLDFHR	1
							3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	15.66	0.89	0.05	4	5	2	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							1	STVASC[339]M[147]HR	1
							2	STVASC[339]MHR	1
							3	MC[330]DPGMTAFEPEALGNLVEGLDFHR	1
							2	ITAHEALK	1
							3	NFSVGRQTTAPATMSTAASGTTM[147]GLVEQAKSLLNK	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	1
							3	QWPPPC[339]PSPTIPGPLTPSRKQEIK	1
							2	LC[339]TGHEYAAK	1
							2	LC[330]TGHEYAAK	1
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1

KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	1.00	5.01	0.81	0.08	2	1	2 3	IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR IC[330]DPGLTAFEPEALGNLVEGM[147]DFHR	1 1
KCMB3_HUMAN (Q9NPA1) Calcium-activated potassium channel subunit beta 3 (Calcium-activated potassium channel, subfamily M subunit beta 3) (Maxi K channel subunit beta 3) (BK channel subunit beta 3) (Slo-beta 3) (K(VCA)beta 3) (Charybdotoxin receptor subu [MASS=31603]	*	9.32	*	*	*	2	3 2	HRTAFPASGKK VPYIEQHQQFKLC[339]IM[147]R	1 1
KCNA4_HUMAN (P22459) Potassium voltage-gated channel subfamily A member 4 (Voltage-gated potassium channel subunit Kv1.4) (HK1) (HPCN2) (HBK4) (HUKII) [MASS=73288]	0.00	4.13	1.26	0.00	1	1	3 2 2	SSTSSSLGDKSEYLEMEEGVKESLC[339]AK FC[339]TGLTQIETLFK FC[330]TGLTQIETLFK	1 4 4
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	23.62	0.76	0.09	14	5	1 2 2 3 3 2	FC[339]TGLTQIETLFK GFC[330]LPPHC[330]SR LGFSEVELVQMVDGVK DYEFMWNPHLGYILTC[330]PSNLGTGLRAGVHIK TFLVWVNEDHLRVISMQK GFC[339]LPPHC[339]SR	1 3 1 1 1 2
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	19.33	*	*	*	4	2 2 2 3 1	IGRSEVELVQIVIDGVNYLVDC[330]EKK LGYILTC[330]PSNLGTGLR LGYILTC[339]PSNLGTGLR MASIFSKLLTGRNASLLFATMGTSVLTTGYLLNR LSKDPR	1 1 2 1 1

								2	HNNC[330]M[147]ASHLTPAVYAR	1
								2	SEVELVQLVIDGVNYLIDC[330]ER	1
								3	HNNC[339]M[147]ASHLTPAVYAR	1
								2	HNNC[330]MASHLTPAVYAR	1
								2	HNNC[339]MASHLTPAVYAR	1
								3	HNNC[330]M[147]ASHLTPAVYAR	1
								3	SEVELVQLVIDGVNYLIDC[330]ER	4
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.82	0.11	22	2	2	SEVELVQLVIDGVNYLIDC[339]ER	4	
							3	SEVELVQLVIDGVNYLIDC[339]ER	4	
							2	HNNC[339]M[147]ASHLTPAVYAR	4	
KE4_HUMAN (Q92504) Zinc transporter SLC39A7 (Solute carrier family 39 member 7) (Histidine-rich membrane protein Ke4) [MASS=50118]	0.00	7.04	1.45	0.00	1	1	3	GLGILTTM[147]TVLLHEVPHEVGDFAILVQSGC[339]SKK	1	
KGP1A_HUMAN (Q13976) cGMP-dependent protein kinase 1, alpha isozyme (EC 2.7.11.12) (CGK 1 alpha) (cGKI-alpha) [MASS=76233]	0.00	2.84	0.39	0.00	1	1	3	YLYM[147]LMEAC[330]LGELWTILR	1	
KGUA_HUMAN (Q16774) Guanylate kinase (EC 2.7.4.8) (GMP kinase) [MASS=21594]	*	6.63	*	*	*	1	2	QRNTETEEESLVKR	1	
							2	C[330]APMSDLTDLKSLPDTELMKDTAR	1	
KI67_HUMAN (P46013) Antigen KI-67 [MASS=358743]	*	3.93	*	*	*	6	2	GHTEESM[147]TNDK	1	
							3	PKSGGSGHAVAEPASPEQELDQNK	1	
							2	SGLQTDYATEKESADGLQGETQLLVSR	1	
							2	ELFQTPGPSEESM[147]TDEKTTKIAC[330]K	1	
							3	M[147]PC[339]ESSPPESADTPTSTR	1	
KIF1B_HUMAN (O60333) Kinesin-like protein KIF1B (Klp) [MASS=204431]	*	1.98	*	*	*	2	3	VTGIYELSLC[339]KMSDTGSPGM[147]QRR	1	
							1	IMSTPGGEEAIER	1	
							2	IMSTPGGEEAIER	1	

KIF1C_HUMAN (O43896) Kinesin-like protein KIF1C [MASS=123071]	*	5.44	*	*	*	3	2	PPGPRYPPTYTPPRM[147]R	1
							2	GSLRVREHPILGPYVQDLSK	1
							2	ELLM[147]AQGLSASALEGLKTEEGSVR	1
KIRR2_HUMAN (Q6UWL6) Kin of IRRE-like protein 2 precursor (Kin of irregular chiasm-like protein 2) (Nephrin-like protein 3) [MASS=75093]	0.00	3.53	0.24	0.00	1	1	3	IVAGVAAATTTLLM[147]VITGVALC[339]C[339]WR	1
KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin- dependent protein kinase kinase beta) (CaM- kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	*	5.44	*	*	*	1	3	LVEVLDDPNEDHLYMVFELVNQGPVM[147]EVPTLK	1
KLDC5_HUMAN (Q9P2K6) Kelch domain- containing protein 5 [MASS=56867]	*	6.93	*	*	*	2	3	LNNC[330]LEM[147]YRLAQVYGLPDLQEAC[339]LR	1
							2	M[147]SAEEM[147]VQIR	2
KLF11_HUMAN (O14901) Krueppel-like factor 11 (Transforming growth factor-beta-inducible early growth response protein 2) (TGFB- inducible early growth response protein 2) (TIEG-2) [MASS=55139]	*	5.27	*	*	*	1	3	AKGTSVIRHTGESPAAC[330]FPTIQTPDC[339]R	1
KLH17_HUMAN (Q6TDP4) Kelch-like protein 17 (Actinfilin) [MASS=69874]	*	6.07	*	*	*	2	3	EIRAHKVVLASC[330]SPYFHAM[147]FTNEM[147]SESR	1
							3	M[147]QPRSERPAGR	1
KLH20_HUMAN (Q9Y2M5) Kelch-like protein 20 (Kelch-like ECT2-interacting protein) (Kelch- like protein X) [MASS=67541]	0.00	11.42	1.11	0.00	1	3	3	C[339]TNIRPGETGM[147]DVTSRC[339]TLGDPNK	1
							3	PGETGMDVTSRC[339]TLGDPNKLPEGVPQPAR	1
							3	YDPQTNEWRMVASMSK	1
KLH23_HUMAN (Q8NBE8) Kelch-like protein 23 [MASS=63923]	*	1.43	*	*	*	1	1	FLFILSRK	1
KLK13_HUMAN (Q9UKR3) Kallikrein-13 precursor (EC 3.4.21.-) (Kallikrein-like protein 4) (KLK-L4) [MASS=30570]	*	5.05	*	*	*	1	3	EGLKVYLKGKHALGR	1
KLKB1_HUMAN (P03952) Plasma kallikrein precursor (EC 3.4.21.34) (Plasma prekallikrein) (Kininogenin) (Fletcher factor) [Contains: Plasma kallikrein heavy chain; Plasma kallikrein light chain] [MASS=71369]	0.00	3.45	0.53	0.00	1	1	3	GVDMRGVNFNVSKEVEEC[330]QK	1

KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	3.49	*	*	*	3	2	IQNSSGTDYPDIAHAAAKEIAEVNEINLEK	1
							2	SGTEAVLIAHKLNTEEYLRVIGK	1
							3	LSEDSVSVLVLRC[330]LTEALPENRLSR	1
KPCA_HUMAN (P17252) Protein kinase C alpha type (EC 2.7.11.13) (PKC-alpha) (PKC-A) [MASS=76632]	0.77	4.32	1.06	0.00	1	2	2	C[339]DTC[339]DM[147]NVHK	1
							3	TTRNDFM[147]GSLSFGVSELM[147]K	1
KPCT_HUMAN (Q04759) Protein kinase C theta type (EC 2.7.11.13) (nPKC-theta) [MASS=81864]	0.00	12.32	2.43	0.00	1	4	3	NVDLISETTVELYSLAERC[339]R	1
							3	REPQGISWESPLDEVDK	1
							3	PTMYPPWDSTFDAHINKGRVM[147]QIIVK	1
							3	ENLFFVMEYLNGGDLMYHIQSC[339]HK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	5.66	0.74	0.09	5	2	2	NTGIIC[339]TIGPASR	1
							2	NTGIIC[330]TIGPASR	1
							2	AGKPVIC[339]ATQM[147]LESM[147]IK	1
							2	AGKPVIC[330]ATQM[147]LESM[147]IK	2
KR106_HUMAN (P60371) Keratin-associated protein 10-6 (Keratin-associated protein 10.6) (High sulfur keratin-associated protein 10.6) (Keratin-associated protein 18-6) (Keratin-associated protein 18.6) [MASS=36782]	0.00	4.93	3.95	0.00	1	1	3	M[147]AASTMSVC[339]SSDLSYGSR	1
KR134_HUMAN (Q3LI77) Keratin-associated protein 13-4 [MASS=17755]	0.00	8.75	0.79	0.00	1	1	2	YGGC[330]GFPSLSYGSR	1
KREM1_HUMAN (Q96MU8) Kremen protein 1 precursor (Kringle-containing protein marking the eye and the nose) (Kringle domain-containing transmembrane protein 1) (Dickkopf receptor) [MASS=51898]	0.00	3.16	0.81	0.00	1	1	3	TSNKLTIQTC[330]ISFC[330]R	1
KRHB2_HUMAN (Q9NSB4) Keratin, type II cuticular Hb2 (Hair keratin, type II Hb2) [MASS=56683]	*	5.85	*	*	*	1	3	SNGGC[339]SIVGTGELYVPC[339]EPQGLLSC[330]GSGRK	1
KRHB3_HUMAN (P78385) Keratin, type II cuticular Hb3 (Hair keratin, type II Hb3) [MASS=54214]	0.00	3.45	0.37	0.00	1	1	2	LDNSRDLNM[147]DC[339]MVAEIK	1

KS6A2_HUMAN (Q15349) Ribosomal protein S6 kinase alpha-2 (EC 2.7.11.1) (S6K-alpha 2) (90 kDa ribosomal protein S6 kinase 2) (p90-RSK 2) (Ribosomal S6 kinase 3) (RSK-3) (pp90RSK3) (MAP kinase-activated protein kinase 1c) (MAPKAPK1C) [MASS=83238]	*	2.05	*	*	*	1	2	ATDTEYAVKIIDKSK	1
KSR2_HUMAN (Q6VAB6) Kinase suppressor of ras-2 (hKSR2) [MASS=93585]	0.00	11.82	4.86	0.00	1	4	2 SKPLNLKIHSSVGSC[330]ENIPSQQR 3 EISDILLFC[339]WAFEQEERPTFTK 3 EEC[330]ARLNASLSC[339]LRNVHM[147]SGGNLSK 3 QTRHENVVLFMGAC[330]M[147]SPPHLAIITSLC[339]K	1 1 1 1	
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	1.00	4.93	0.72	0.17	2	3	2 HIHKDHVVVPANTTSVILSGLR 2 C[330]EASGKPEVQFR 3 ETVKPVEVEEGESVVLPC[330]NPPPSAEPLR	1 1 1	
LAC_HUMAN (P01842) Ig lambda chain C regions [MASS=11236]	0.89	14.29	1.16	0.00	1	1	2 SYSC[339]QVTHEGSTVEK	1	
LAMP1_HUMAN (P11279) Lysosome-associated membrane glycoprotein 1 precursor (LAMP-1) (CD107a antigen) [MASS=44773]	0.00	6.25	0.70	0.00	1	2	2 VTKAFSVNIFKVVVQAFK 2 C[330]NAEEHVR	1 1	
LANC1_HUMAN (O43813) LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40) [MASS=45283]	1.00	5.51	1.60	0.00	2	1	2 IPQSHIQQIC[339]ETILTSGENLAR 2 IPQSHIQQIC[330]ETILTSGENLAR	1 1	
LANC2_HUMAN (Q9NS86) LanC-like protein 2 (Testis-specific adriamycin sensitivity protein) [MASS=50854]	0.00	10.00	2.77	0.00	1	2	3 GLLRKGYGIC[330]HGTAGNGYSFLSLYR 2 LVHWC[339]HGAPGVIHM[147]LMQAYK	1 1	
LAT2_HUMAN (Q9UHI5) Large neutral amino acids transporter small subunit 2 (L-type amino acid transporter 2) (hLAT2) [MASS=58381]	0.76	2.80	0.49	0.00	1	1	2 C[330]FSDFIELLLTVSQK	1	
LATS1_HUMAN (O95835) Serine/threonine-protein kinase LATS1 (EC 2.7.11.1) (Large tumor suppressor homolog 1) (WARTS protein kinase) (h-warts) [MASS=126869]	*	6.28	*	*	*	4	2 EQMAAAAARPINASMK 3 QVRNPPKFGTHHK 2 DNLYFVM[147]DYIPGGDMMSLLIR 2 KQLENEM[147]MRVGLSQDAQDQMR	1 1 1 1	
LBC_HUMAN (Q12802) LBC oncogene (P47) (Lymphoid blast crisis oncogene) [MASS=49052]	0.00	3.77	0.32	0.00	1	1	3 LGIPEC[330]ILLVTQRITK	1	
LBH2_HUMAN (P08910) Abhydrolase domain-containing protein 2 (Protein PHPS1-2) [MASS=48315]	0.00	7.29	1.60	0.00	1	2	2 EYEEESC[339]MR 2 SPTAPPDLYFQDSGLSRFLK	1 1	

LCB2_HUMAN (O15270) Serine palmitoyltransferase 2 (EC 2.3.1.50) (Long chain base biosynthesis protein 2) (LCB 2) (Serine-palmitoyl-CoA transferase 2) (SPT 2) [MASS=62924]	0.00	7.65	1.71	0.00	1	2	3	EM[147]GFIIYGNEDSPVVPLM[147]LYM[147]PAK GC[339]LILSDELNHASLVLGAR	1 1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	0.00	9.04	6.65	0.00	1	3	1 3 3	TAGRLAR VLVLGGRLSPVSPALGVQLHFFKSEDNNTEDLK AVRHC[339]VRAFLEQIGAPQAALR	1 1 1
LDB1_HUMAN (Q86U70) LIM domain-binding protein 1 (Carboxyl-terminal LIM domain-binding protein 2) (CLIM-2) (LIM domain-binding factor CLIM2) [MASS=42809]	0.00	12.53	0.99	0.00	1	2	3 3	LYLEFMFDDMMRIKTHWFSIR C[339]GLSNSTLNYLRLC[339]VILEPM[147]QELMSR	1 1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.00	11.45	*	*	*	3	2 3 2 1	VIGSGC[339]NLDSAR LKGETM[147]DLQHGSPPFM[147]K VIGSGC[330]NLDSAR DLNPDIGTDK	1 1 1 1
LDHA_HUMAN (P00338) L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH-A) (LDH muscle subunit) (LDH-M) (Proliferation-inducing gene 19 protein) (NY-REN-59 antigen) [MASS=36557]	1.00	8.16	0.52	0.08	2	1	2 3	GLYGIKDDVFLSVPC[330]ILGQNGISDLVK GLYGIKDDVFLSVPC[330]ILGQNGISDLVK	1 1
LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	1.00	11.71	0.61	0.15	4	2	2 2 2	GM[147]YGIENEVFLSLPC[339]ILNAR LKGEM[147]M[147]DLQHGSFLQTPK GM[147]YGIENEVFLSLPC[330]ILNAR	1 1 2
LDHC_HUMAN	0.00	4.23	*	*	*	1	2	GMYGIENEVFLSLPC[339]ILNAR SAETLWNIQKDLIF	1 1
LEF1_HUMAN (Q9UJU2) Lymphoid enhancer-binding factor 1 (LEF-1) (T cell-specific transcription factor 1-alpha) (TCF1-alpha) [MASS=44200]	*	4.76	*	*	*	1	2	EKLQESASGTGPRM[147]TAAYI	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	0.98	27.61	0.68	0.00	1	2	2 2	FPNRLNLEAINYMAADGDFKIK FNAHGDANTIVC[330]NSK	1 1

							3	TIIIKGYVPPTGK	5
LEG4_HUMAN (P56470) Galectin-4 (Lactose-binding lectin 4) (L-36 lactose-binding protein) (L36LBP) (Antigen NY-CO-27) [MASS=35941]	*	6.19	*	*	*	2			
							2	KRSMPFK	1
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	5.82	1.40	0.06	2	2	2	PQLVALC[330]KLELQSIGTNNFLR	1
							2	LFEDLTLDNLTRPQLVALC[339]K	2
LGI1_HUMAN (O95970) Leucine-rich glioma-inactivated protein 1 precursor (Epitempin-1) [MASS=63818]	0.00	8.62	0.20	0.00	1	3	2	TPQTLRTPHLILSSSSQR	1
							2	DFDC[330]IITEFAK	1
							2	FQELNVQAPRSFTHVSINK	1
LGI4_HUMAN (Q8N135) Leucine-rich repeat LGI family member 4 precursor (Leucine-rich glioma-inactivated protein 4) (LGI1-like protein 3) [MASS=59141]	*	4.47	*	*	*	1	3	YIGDSM[147]VM[147]RWDGSMFRLQLPSR	1
LHX3_HUMAN (Q9UBR4) LIM/homeobox protein Lhx3 [MASS=43358]	*	6.30	*	*	*	1	2	PSGALGNFSLEHGGLAGPEQYREL	1
LIPA3_HUMAN (O75145) Liprin-alpha-3 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3) (PTPRF-interacting protein alpha-3) [MASS=133495]	*	2.43	*	*	*	2	2	VMGWVSGGLK	1
							3	SYFM[147]ESLVDARM[147]LDHLNK	1
LIPB2_HUMAN (Q8ND30) Liprin-beta-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 2) (PTPRF-interacting protein-binding protein 2) [MASS=98444]	*	8.33	*	*	*	4	3	AQKKLSC[330]SLEDLR	1
							3	DLEVC[330]LEGHQVKLNAAEEM[147]LQQELLSR	1
							2	TQSGNFYDTLGM[147]AEFRR	1
							2	LSC[330]SLEDLRSESVDK	1
LIS1_HUMAN (P43034) Platelet-activating factor acetylhydrolase IB subunit alpha (PAF acetylhydrolase 45 kDa subunit) (PAF-AH 45 kDa subunit) (PAF-AH alpha) (PAFAH alpha) (Lissencephaly-1 protein) (LIS-1) [MASS=46506]	0.00	11.49	1.04	0.00	1	2	3	MWDVSTGMC[339]LM[147]TLVGHDNWVR	1
							3	DKTIKM[147]WDVSTGMC[339]LMTLVGHDNWVR	1
LMO4_HUMAN (P61968) LIM domain transcription factor LMO4 (LIM domain only protein 4) (LMO-4) (Breast tumor autoantigen) [MASS=17994]	*	24.85	*	*	*	2	2	C[339]SC[330]C[339]QAQLGDIGTSC[330]YTK	1
							2	LFGNSGAC[330]SAC[339]GQSIPASELVM[147]R	1

LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.99	7.07	1.05	0.00	1	4	3	GPTEAVGNFLYNLIDSMDSSEVQAKEEHLR	1
							3	AKYESDMVTGGYAALINLC[339]C[339]RHDK	1
							2	QLILVLC[339]SEENM[147]QKALELK	1
							2	C[339]GAIAEQTPILLFLLR	1
LRP16_HUMAN (Q9BQ69) Protein LRP16 [MASS=35505]	0.00	11.08	1.78	0.00	1	2	3	LEVDAIVNAANSLLGGGGVDGC[339]IHR	1
							2	SRLPHYFPVA	1
							3	GMMYWTVVGDHSHIEEAAM[147]DGTLRRLVQK	1
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	*	2.89	*	*	*	7	3	RGHKNDATETITM[147]R	1
							3	KC[330]IPM[147]DLQC[339]DRLDDC[330]GDGSDEQGC[339]R	1
							2	NKTSQVVMKVYDK	1
							2	C[339]PLNHIAC[330]LGTDNK	1
							3	KC[330]IPMDLQC[330]DRLDDC[339]GDGSDEQGC[330]R	1
							3	DEFHC[330]DSSC[339]SWNQFAC[339]SAQK	1
							2	PNGSRINRM[147]C[339]LNGSDIK	1
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	*	2.34	*	*	*	5	2	PGKRC[339]AAEGSSPLLLLPDNR	1
							2	DNDC[330]GDMSDEKDC[339]PTQPFR	1
							3	C[339]PSGYTGKYC[330]EMAFSK	1
							3	M[147]ILVHQLSHPWGIAVHDSFLYTTDEQYEVIER	1
							3	ANKYDGSQGIAMTTNLLSQPR	1
LRRC2_HUMAN (Q9BYS8) Leucine-rich repeat containing protein 2 [MASS=42943]	0.00	5.39	0.23	0.00	1	1	3	LDC[330]SGNLELMELPFELSNLK	1
LRRC7_HUMAN (Q96NW7) Leucine-rich repeat-containing protein 7 (Protein LAP1) (Densin-180) [MASS=172580]	*	2.02	*	*	*	1	2	MLGPEHGM[147]SSM[147]SRSQSVPMDDDEMLTYGSSK	1
							1	STSLKVK	7
LRRN3_HUMAN (Q9H3W5) Leucine-rich repeats neuronal protein 3 precursor (Neuronal leucine-rich repeat protein 3) (NLRR-3) [MASS=79424]	*	0.99	*	*	*	1			
LRSAM1_HUMAN (Q6UWE0) Ubiquitin ligase protein LRSAM1 (EC 6.3.2.-) (Leucine-rich repeat and sterile alpha motif-containing protein 1) (Tsg101-associated ligase) (hTAL) [MASS=83593]	0.00	1.94	1.43	0.00	1	1	3	TC[339]PLC[339]RQDIAQRLR	1
LRTM3_HUMAN (Q86VH5) Leucine-rich repeat transmembrane neuronal protein 3 precursor [MASS=65896]	0.00	11.36	6.29	0.00	1	2	3	C[339]EGKM[147]VYC[339]ESQKLQEIPISSISAGC[330]LGLSLR	1
							3	MGFNVIRLLSGSAVALVIAPTVLLTM[147]LSSAERGC[339]PK	1
							3	M[147]GFNVIRLLSGSAVALVIAPTVLLTMLSSAERGC[339]PK	2

LSAMP_HUMAN (Q13449) Limbic system-associated membrane protein precursor (LSAMP) [MASS=37308]	1.00	15.38	0.56	0.50	3	3	3	IQKVDVYDEGSYTC[330]SVQQTQHEPK	1
							2	VDVYDEGSYTC[330]SVQQTQHEPK	1
							2	EQSGKYEC[330]K	1
LSP1_HUMAN (P33241) Lymphocyte-specific protein 1 (Protein pp52) (52 kDa phosphoprotein) (Lymphocyte-specific antigen WP34) (47 kDa actin-binding protein) [MASS=37191]	0.00	4.42	0.41	0.00	1	1	2	TPSC[339]KDIVAGDM[147]SKK	1
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	*	3.84	*	*	*	2	3	DC[339]QLPESPAERAPERR	1
							2	GAAGGLAPEM[147]RGAGAAGLLALLLLLLLLGLGGR	1
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	2.20	*	*	*	1	2	SLEC[330]LRPPQPQELSPEKLK	1
LV1E_HUMAN (P01703) Ig lambda chain V-I region NEWM [MASS=10904]	*	13.59	*	*	*	1	3	LLIFHNNARFSVSK	1
LV4B_HUMAN (P01716) Ig lambda chain V-IV region X [MASS=11334]	0.00	23.58	0.15	0.00	1	1	2	YDLTQPPSVSVSPGQTASITC[330]SGDK	1
LY6H_HUMAN (O94772) Lymphocyte antigen Ly-6H precursor [MASS=14669]	0.00	7.86	0.71	0.00	1	1	2	M[147]C[330]ASSC[330]DFVKR	1
LY96_HUMAN (Q9Y6Y9) Lymphocyte antigen 96 precursor (MD-2 protein) (ESOP-1) [MASS=18446]	0.23	23.75	0.58	0.00	1	2	2	QYWVC[330]NSSDASISYTYC[330]DK	1
							2	QLYFNLYITVNTM[147]NLPKRK	1
LYAR_HUMAN (Q9NX58) Cell growth-regulating nucleolar protein [MASS=43614]	*	6.07	*	*	*	2	3	AILKQAPDNEITIK	1
							2	KAKFQNWMK	1
LYST_HUMAN (Q99698) Lysosomal-trafficking regulator (Beige homolog) [MASS=429136]	*	2.45	*	*	*	4	3	QKGKASVQAINVFHPATYFGM[147]DVSAVEDPVQR	1
							3	EDAFISSC[339]ESAKTVC[339]EMEAVLSAQVSVSDVPK	1
							2	LTVLAVNR	1
							2	TVLHLLSVDVSTAEM[147]M[147]PENLR	1
LYZL4_HUMAN (Q96KX0) Lysozyme-like protein 4 precursor [MASS=16433]	*	24.66	*	*	*	2	2	C[330]HMSC[330]SALLNPNLEK	1
							3	C[330]HM[147]SC[330]SALLNPNLEKTIKC[330]AK	1
M2OM_HUMAN (Q02978) Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11) [MASS=33930]	0.97	11.18	1.79	0.01	2	2	2	GC[339]IPTM[147]AR	2
							3	SVKFLFGGLAGM[147]GATVFVQPLDLVKNR	1

M3K13_HUMAN (O43283) Mitogen-activated protein kinase kinase kinase 13 (EC 2.7.11.25) (Mixed lineage kinase) (MLK) (Leucine zipper-bearing kinase) [MASS=108295]	*	10.25	*	*	*	4	3 2 2 2	LAEKLLDLLSQTP EIPIDISSHSDGLSDKEC[339]AVR ANNLYMELSAIMLQLEM R LERANNLYMELSAIMLQLEM[147]R PDLLRSEGIPTTEVAPTASPLSGSPK	1 1 1 1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	0.00	7.07	2.19	0.00	1	4	2 1 3 2	PTDTPSYFNGVKVQIQSLNGEHLHIR HGQLENRP AEELMAC[339]AGLTSPRIVPLYGAVR TWAARGSRSR	1 1 1 1
MACF1_HUMAN (Q9UPN3) Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5 (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) (620 kDa actin-binding protein) (ABP620) [MASS=620414]	0.00	2.01	1.16	0.00	1	7	2 2 2 2 2 2 3	M[147]FQKEQVDPLQMK AREGLDKLVSDANEQYK LYEGKMSQNFHTSYAETLGK EAQTLC[330]DELSVLIGEYLYK WHVVSSKM[147]EER TGSLEEM[147]TQRLREFQESFK LIEM[147]LEREK	1 1 1 1 1 1 1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	0.00	0.62	*	*	*	2	2 2	ALFLPATTEILSWKK DDHKESQEAQNIAGGSM[147]M[147]M[147]SEK	1 1
MAOM_HUMAN (P23368) NAD-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.38) (NAD-ME) (Malic enzyme 2) [MASS=65443]	0.35	9.93	0.87	0.00	1	2	2 3	LYPPLANIQEVSNIAIKVTEYLYANKM[147]AFR C[339]LPVC[339]IDVGTDNIALLKDPFYM[147]GLYQK	1 1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	1.00	8.61	1.71	0.01	2	2	2 2 3	FGINC[330]LIQFEDFANANAFR FGINC[339]LIQFEDFANANAFR LSNHVVFVQGAGEAAMGIAHLLVM[147]ALEKEGVPK	1 1 1
MAP1A_HUMAN (P78559) Microtubule-associated protein 1A (MAP 1A) (Proliferation-related protein p80) [Contains: MAP1 light chain LC2] [MASS=306529]	0.96	1.21	0.57	0.00	1	2	3 2	SXTSQVTPAEKDGHS PMSK SIEEAC[330]LTLQHLNR	1 1
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	1.00	4.32	1.13	0.06	2	4	2 2 2 3	EEFVETC[330]PSEHK TDSQLEDLGYC[339]VFNK VKATGEESTQAEISC[330]ESPFLAK TGLPPVTDENHVIVKTDSQLEDLGYC[339]VFNK	1 1 1 1
MARCO_HUMAN (Q9UEW3) Macrophage receptor MARCO (Macrophage receptor with collagenous structure) (Scavenger receptor class A member 2) [MASS=52658]	*	5.00	*	*	*	1	3	VDNFTQNPGM[147]FRIKGEQGAPGLQGHK	1

MARK4_HUMAN (Q96L34) MAP/microtubule affinity-regulating kinase 4 (EC 2.7.11.1) (MAP/microtubule affinity-regulating kinase-like 1) [MASS=82519]	0.00	12.77	0.96	0.00	1	5	3 VPPASPSHSLAPPSGERSR 2 HSDFC[330]GPSPAPLHPKR 1 KDSTSTPNNLPPSM[147]M[147]TR 2 DRRAGGGGGGGVQNGPPASPTLAHEAAPLPAGR 2 PPEALM[147]AALR	1 1 1 1 1
MAST1_HUMAN (Q9Y2H9) Microtubule-associated serine/threonine-protein kinase 1 (EC 2.7.11.1) (Syntrophin-associated serine/threonine-protein kinase) [MASS=170676]	0.00	7.58	0.61	0.00	1	5	2 HLC[330]M[147]VMEYVEGGDC[330]ATLLK 3 PRPGDLC[339]PPSKDGDASGPR 3 VIKSASATALSVM[147]IPAVDPHGSSPLASPM[147]SPR 3 AALSPVQEHEHETGRRSSSGEAGTPLVPIVVEPAR 2 WVLEVVEERTTLGSGPR	1 1 1 1 1
MAST2_HUMAN (Q6P0Q8) Microtubule-associated serine/threonine-protein kinase 2 (EC 2.7.11.1) [MASS=196434]	0.00	1.06	*	*	*	2	2 YIVSQLGLTR 3 GSFC[330]RTSNR	1 1
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	0.00	1.30	*	*	*	1	2 ATGTFDNEIVMM[147]NHVYR	1
MATR3_HUMAN (P43243) Matrin-3 [MASS=94623]	0.23	5.08	0.41	0.00	1	3	2 C[330]VKVDLSEK 1 KDGSASAAAK 3 MKSQAFIEMETREDAMAM[147]VDHC[330]LK	1 2 1
MBD1_HUMAN (Q9UIS9) Methyl-CpG-binding domain protein 1 (Methyl-CpG-binding protein MBD1) (Protein containing methyl-CpG-binding domain 1) [MASS=66607]	0.00	5.12	0.16	0.00	1	2	3 SKVELTRYLGPAAC[330]DLTLDFDK 3 TLC[339]KDC[330]RAQR	2 1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n) [MASS=61333]	1.00	7.99	2.23	0.01	2	2	2 GTHFVQLC[339]C[339]QR 3 KQGTIFLAGPPLVKAATGEEVSAEDLGADLHC[330]R 2 GTHFVQLC[330]C[330]QR	1 1 1
MCLN2_HUMAN (Q8IZK6) Mucolipin-2 [MASS=62684]	*	2.04	*	*	*	1	3 IGLKVC[330]KQHYK	1
MCM3_HUMAN (P25205) DNA replication licensing factor MCM3 (DNA polymerase alpha holoenzyme-associated protein P1) (RLF subunit beta) (P102 protein) (P1-MCM3) [MASS=90980]	0.00	10.27	0.94	0.00	1	4	3 YVLC[339]TAPRAIPTTGRGSSGVLTAAVTTDQETGER 2 VALLDVFREAHQAQSIGMNR 2 EAHQAQSIGMNR 3 EISDHVLRMHR	1 1 1 1

							2	VAIHEAMEQQTISIAK	1
							1	YIIMR	3
MCM5_HUMAN (P33992) DNA replication licensing factor MCM5 (CDC46 homolog) (P1-CDC46) [MASS=82285]	0.00	12.53	2.30	0.00	1	5			
							3	C[339]SVLAAANSVFGRWDETKGEDNIDFMPTILSR	1
							2	YIIMRSGAR	1
							3	NFIMEGGAMVLADGGVVC[339]IDEFDKM[147]REDDR	1
MCM7_HUMAN (P33993) DNA replication licensing factor MCM7 (CDC47 homolog) (P1.1-MCM3) [MASS=81307]	0.00	4.45	2.03	0.00	1	3			
							2	FSEAEQR	1
							2	YIAM[147]C[339]R	1
							3	IAQPGDHVSVTGIFLPILR	1
MCR_HUMAN (P08235) Mineralocorticoid receptor (MR) [MASS=107067]	*	6.40	*	*	*	2			
							3	LKGIHEEQPQQQPPPPPPPPQSPEEGTTYIAPAK	1
							3	SFMSDSGSSVNGGVM[147]RAIVKSPIM[147]C[339]HEK	1
MDC1_HUMAN (Q14676) Mediator of DNA damage checkpoint protein 1 (Nuclear factor with BRCT domains 1) [MASS=226665]	*	3.02	*	*	*	2			
							3	APQAVPLEKSQASMVINSDDTDEEEVSAALTLAHLK	1
							2	VQGETQPQRLLLAEDSEEEVDLSERR	1
MDGA1_HUMAN (Q8NFP4) MAM domain-containing glycosylphosphatidylinositol anchor protein 1 precursor (MAM domain-containing protein 3) (GPI and MAM protein) (Glycosylphosphatidylinositol-MAM) (GPIM) [MASS=105790]	0.00	8.90	1.27	0.00	1	4			
							2	EGDTLMLQC[339]LVTGHPRPQVR	1
							2	LSIRQLNQHNNAVVKAIQVR	1
							3	SPNTGPPTDISGTPEGYYM[147]FIETSR	1
							2	VYTIREGDTLM[147]LQC[339]LVTGHPR	1
MDHC_HUMAN (P40925) Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) [MASS=36295]	1.00	17.42	0.74	0.23	3	3			
							2	AIC[330]DHVR	2
							3	DQPIILVLLDITPM[147]M[147]GVLDGVLMEQDC[339]ALPLLK	1
							2	VIVVGNPANTNC[330]LTASK	1

MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	26.92	1.82	0.05	23	6	2	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
							2	TIIP LISQC[339]TPK	1
							1	GYLGPEQLPDC[339]LK	2
							2	SQETEC[339]TYFSTPLLLGK	3
							2	GYLGPEQLPDC[339]LK	2
							2	TIIP LISQC[330]TPK	1
							2	GYLGPEQLPDC[330]LK	2
							2	GC[330]DVVVIPAGVPR	1
							2	GC[339]DVVVIPAGVPR	3
							3	GYLGPEQLPDC[330]LKGC[330]DVVVIPAGVPR	1
							1	TIIP LISQC[339]TPK	2
							1	EGVVEC[330]SFVK	2
							2	EGVVEC[339]SFVK	2
							1	TIIP LISQC[330]TPK	1
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	*	2.09	*	*	*	7	2	LRLLEEAQLQDLEK	1
							1	MKLRDLM[147]EAAFK	1
							2	MVAFNNQIDHEVTVEKKWGQK	1
							3	LLQALHIDGPRSAQVAQSLLK	1
							1	ATNQDWM[147]LRVK	1
							3	GLSLDRAFSEAC[330]WEVYVC[339]SQHSPANR	1
							3	LVKVM[147]LDLQSYR	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	*	2.34	*	*	*	2	1	NGGAKKK	1
							3	ENVMTMDEIEKAVKEANAYDFIMK	1
MERL_HUMAN (P35240) Merlin (Moesin-ezrin-radixin-like protein) (Neurofibromin-2) (Schwannomin) (Schwannomerlin) [MASS=69690]	0.00	9.24	1.00	0.12	2	3	2	LILQLC[330]IGNHDLFMR	1
							3	QPKTFTVRIVTMDAEMEFNC[330]EM[147]K	1
							3	LILQLC[330]IGNHDLFMRRR	1

MFN2_HUMAN (O95140) Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin-2) [MASS=86402]	1.00	6.47	1.43	0.03	4	4	2	VLPSGIGHTTNC[339]FLR	1
							2	VLPSGIGHTTNC[330]FLR	2
							2	C[330]NSIVTVKKNK	1
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.81	0.03	10	2	2	RFEEC[339]ISQSAVK	1
							2	QVSTAMAEIR	1
							2	YKVEYPIMYSTDPENGHIFNC[330]IQR	1
							2	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
							2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	VEYPIMYSTDPENGHIFNC[339]IQR	1
							3	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							2	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
							2	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							2	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
MIF_HUMAN (P14174) Macrophage migration inhibitory factor (MIF) (Phenylpyruvate tautomerase) (EC 5.3.2.1) (Glycosylation-inhibiting factor) (GIF) [MASS=12345]	0.00	7.89	1.22	0.00	1	1	2	LLC[339]GLLAER	1
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	1.00	2.43	0.99	0.02	2	1	2	AVLHPTGPLYC[330]PEEK	1
							2	AVLHPTGPLYC[339]PEEK	1
MK01_HUMAN (P28482) Mitogen-activated protein kinase 1 (EC 2.7.11.24) (Extracellular signal-regulated kinase 2) (ERK-2) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2) (p42-MAPK) (ERT1) [MASS=41258]	0.98	3.34	*	*	*	1	2	ISPFEHQTYC[330]QR	1
MK03_HUMAN (P27361) Mitogen-activated protein kinase 3 (EC 2.7.11.24) (Extracellular signal-regulated kinase 1) (ERK-1) (Insulin-stimulated MAP2 kinase) (MAP kinase 1) (MAPK 1) (p44-ERK1) (ERT2) (p44-MAPK) (Microtubule-associated protein 2 kinase) [MASS=43135]	0.98	5.28	1.00	0.00	1	1	2	HENVIGIRDILRASTLEAMR	1

MKKS_HUMAN (Q9NPJ1) McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin (Bardet-Biedl syndrome 6 protein) [MASS=62341]	*	6.14	*	*	*	2	2	VIHPSLKQFLNM[147]HR	1
								VIDSTVLPGILIE[147]SEVQLM[147]R	1
MKLN1_HUMAN (Q9UL63) Muskelein [MASS=84767]	*	1.90	*	*	*	1	3	LERPAIVQNITFGK	1
MMAB_HUMAN (Q96EY8) Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial precursor (EC 2.5.1.17) (Cob(I)alamin adenosyltransferase) (Methylmalonic aciduria type B protein) [MASS=27388]	0.00	3.60	1.40	0.00	1	1	2	ISSALHFC[339]R	1
MMP17_HUMAN (Q9ULZ9) Matrix metalloproteinase-17 precursor (EC 3.4.24.-) (MMP-17) (Membrane-type matrix metalloproteinase 4) (MT-MMP 4) (Membrane-type-4 matrix metalloproteinase) (MT4-MMP) [MASS=67006]	*	2.64	*	*	*	1	3	VRTFPRDSPLGHDTVR	2
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	1.00	10.28	1.56	0.06	3	3	3	LLQDSGAPDGTLNIIHGQHEAVNFIC[330]DHPDIK	1
							2	AEM[147]DAAIASC[339]K	1
							2	AEM[147]DAAIASC[339]KR	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	1.00	4.86	0.84	0.00	2	1	2	FSDEGGFTC[339]FFR	1
							2	FSDEGGFTC[330]FFR	1
MOL2A_HUMAN (Q96BX8) Mps one binder kinase activator-like 2A (Mob1 homolog 2A) (MOB-LAK) (Protein Mob3A) [MASS=25464]	0.24	6.91	2.45	0.00	1	1	2	IAQMGSEAHVNTC[339]YK	1
MORC2_HUMAN (Q9Y6X9) MORC family CW-type zinc finger 2 (Zinc finger CW-type coiled-coil domain protein 1) [MASS=110724]	0.00	2.78	2.85	0.00	1	1	3	IEPDTTALSTNHETIDLLVQILRNC[339]LR	1
MORC3_HUMAN (Q14149) MORC family CW-type zinc finger 3 (Zinc finger CW-type coiled-coil domain protein 3) [MASS=107112]	0.00	2.34	0.68	0.00	1	1	2	QC[330]HMFTDQIKVLQQRILEM[147]NDK	1

MORC4_HUMAN (Q8TE76) MORC family CW-type zinc finger 4 (Zinc finger CW-type coiled-coil domain protein 2) [MASS=106347]	0.00	3.42	2.02	0.00	1	2	2	SQC[339]PIGVFGNGFKSGSMRLGK	1
							2	YLQSNSSSHTR	2
MPIP1_HUMAN (P30304) M-phase inducer phosphatase 1 (EC 3.1.3.48) (Dual specificity phosphatase Cdc25A) [MASS=59086]	0.00	7.63	1.16	0.00	1	2	2	LLGC[339]SPALK	1
							3	M[147]GSSESTDGFC[339]LDSPGPLDSKENLENPM[147]RR	1
MPRI_HUMAN (P11717) Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kD [MASS=274274])	0.00	2.13	0.96	0.00	1	3	2	VEGDNC[330]EVK	1
							3	SVISFVC[330]RPEAGPTNRPMILSLDK	1
							3	YYLQDGDLDVVFASSSKC[339]GK	1
MRCKG_HUMAN (Q6DT37) Serine/threonine-protein kinase MRCK gamma (EC 2.7.11.1) (CDC42-binding protein kinase gamma) (Myotonic dystrophy kinase-related CDC42-binding kinase gamma) (Myotonic dystrophy protein kinase-like alpha) (MRCK gamma) (DMPK-like gamma [MASS=172517])	0.49	3.93	1.64	0.00	1	3	3	EQERLEAELAEQESK	1
							2	EM[147]LKDPFVR	1
							3	LC[339]VGAAGGFALYPLLNEAAPLALGAGLVPEELPPSR	1
MRIP_HUMAN (Q6WCQ1) Myosin phosphatase Rho-interacting protein (Rho-interacting protein 3) (M-RIP) (RIP3) (p116Rip) [MASS=116445]	*	1.46	*	*	*	1	2	M[147]EVDRSPGLPMSDLK	1
MTA3_HUMAN (Q9BTC8) Metastasis-associated protein MTA3 [MASS=67503]	*	5.39	*	*	*	2	3	LC[330]AIC[330]WLYWKK	1
							2	VGPRYQADIPPEMLLEGESDER	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	15.51	1.58	0.05	5	3	1	LC[339]SGVLGTVVHGK	1
							3	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	YC[339]GLC[339]DSIITIYR	1
							2	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	LC[339]SGVLGTVVHGK	1
MTMR3_HUMAN (Q13615) Myotubularin-related protein 3 (EC 3.1.3.48) (FYVE domain-containing dual specificity protein phosphatase 1) (FYVE-DSP1) (Zinc finger FYVE domain-containing protein 10) [MASS=133618]	*	1.67	*	*	*	1	2	DC[339]KVIRC[330]QFSTFEQC[330]QEWLK	1

MTX2_HUMAN (O75431) Metaxin-2 [MASS=29763]	0.99	10.27	1.15	0.00	1	1	3	GEQILLSDNAASLAVQAFLQMC[330]NLPIK	1
							2	VQLAGFHILEALRLHRTGYADHMGLTR	1
							2	AQLLHTC[330]TGPDLIVLQPRGPSVPSAGK	1
							2	RQFQVLDAPLLK	1
MY18B_HUMAN (Q8IUG5) Myosin-18B (Myosin XVIIIb) [MASS=285183]	*	5.45	*	*	*	8	2	LDPDSAKPEKTHPHDAPPC[330]K	1
							3	RQFQVLDAPLLKK	1
							2	EGVLLSKAEK	1
							3	DVGSEGKHVRPQIPGR	1
							2	LHQLEMQLQEYEEK	1
MYBB_HUMAN (P10244) Myb-related protein B (B-Myb) [MASS=78764]	0.00	2.86	0.26	0.00	1	1	2	QDTLELESPSLTSTPVC[330]SQK	1
							2	LITSQVFGKLISGDAEPTPEQEEK	1
							3	LHSNPSAFNIYC[330]NVRHC[330]VLEWQKK	1
							3	GASC[339]SAQGFYDGLGNSKGDGRGNISTSSK	1
							2	TSSRPAMIGSLTDGSTETFWESGDEDK	1
							3	SPVRC[339]IATTR	12
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc- binding protein 2) (Protein associated with Myc- Pam/highwire/rpm-1 protein) [MASS=510165]	*	4.57	*	*	*	10			
							2	IYTAALNDR	1
							2	NRHSLEISSALNM[147]FNIAPHGPDISK	1
							2	EFALMKTANGK	1
							2	VTSM[147]TFLTGKAVEDLC[339]RIK	1
							3	DTGAM[147]NQGGKGFVENM[147]ATAMDEDELEEELDEKDEK	1
MYH10_HUMAN (P35580) Myosin-10 (Myosin heavy chain, nonmuscle IIb) (Nonmuscle myosin heavy chain IIb) (NMMHC II-b) (NMMHC-IIb) (Cellular myosin heavy chain, type B) (Nonmuscle myosin heavy chain-B) (NMMHC-B) [MASS=228937]	0.99	4.15	1.16	0.00	1	4	2	LDPHLVLDQLRC[339]NGVLEGIRIC[339]R	1
							2	NILAEQLQAETELFAEAEEMR	1
							2	IAEC[330]SSQLAEIEEEKAK	1
							2	YEILTPNAIPKGF[147]DGKQAC[339]ER	1

MYH4_HUMAN (Q9Y623) Myosin-4 (Myosin heavy chain, skeletal muscle, fetal) (Myosin heavy chain IIb) (MyHC-IIb) [MASS=223012]	*	1.65	*	*	*	3	3 1 3	LGEAEQLALKGGKK VKAYK RANLM[147]QAEVEELR	1 1 1
MYL4_HUMAN (P12829) Myosin light polypeptide 4 (Myosin light chain 1, embryonic muscle/atrial isoform) (Myosin light chain alkali, GT-1 isoform) [MASS=21433]	*	9.18	*	*	*	1	3	MLDFETFLPILQHISRNK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	*	4.37	*	*	*	1	3	EEDC[330]FQILDDC[330]PPPPAPFPHRMVELR	1
MYO15_HUMAN (Q9UKN7) Myosin-15 (Myosin XV) (Unconventional myosin-15) [MASS=395172]	0.00	1.78	0.46	0.00	1	4	2 2 2 2	TQRPTANSSYPYVEIALGDVAAQR RPDPHEEALM[147]ILK C[339]QVEGALLWEQEELSK M[147]ERC[330]NPLFMR	1 1 1 1
MYO1C_HUMAN (O00159) Myosin Ic (Myosin I beta) (MMI-beta) (MMIb) [MASS=118038]	0.00	3.60	1.12	0.00	1	2	2 2 3	LGLERNPQSYLYLVKGQC[339]AK NNDLLFRNLKETMC[339]SSK FGKYIDIHFNKR	1 1 4
MYO7A_HUMAN (Q13402) Myosin-7A (Myosin VIIa) [MASS=254404]	*	1.72	*	*	*	3	3 1	TFVNGTRTQPPSWLELQATK SSVRHK	1 1
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	*	2.39	*	*	*	1	3	FVVHGLTTGEQYIFRVKAVNAVGM[147]SENSQESDVIK	1
MYPC2_HUMAN (Q14324) Myosin-binding protein C, fast-type (Fast MyBP-C) (C-protein, skeletal muscle fast-isoform) [MASS=128142]	*	6.13	*	*	*	4	2 2 2 3	IRVVEKAGPPINVMVK KDDDDLIPPEIWELLKGAK RILTINKC[339]TLADDAAYEVAVK AVNELGEALAEC[339]K	1 1 1 1
MYPC3_HUMAN (Q14896) Myosin-binding protein C, cardiac-type (Cardiac MyBP-C) (C-protein, cardiac muscle isoform) [MASS=140761]	*	6.36	*	*	*	4	3 2 3 2	WLKDGVELTREETFK NPVGEDQVNLTVKVIDVPDAPAAPK QAPPSEYERIAFQYGVTDLR M[147]IEGVVYEMRVYAVNAIGMSR	1 1 1 1

							2	VC[339]GSNLLSIC[339]K	2
							2	VC[330]GSNLLSIC[330]K	2
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	13.41	1.34	0.07	12	4	1	TSASIGSLC[339]ADAR	1
							2	TTIC[330]GK	1
							2	VC[339]HC[339]LGK	1
							2	TTIC[339]GK	1
							2	TSASIGSLC[330]ADAR	1
							2	VC[330]HC[330]LGK	1
							2	TSASIGSLC[339]ADAR	2
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	*	1.40	*	*	*	3	3	GM[147]WIC[330]QIC[330]RPR	2
							2	KKELEEQPTR	1
							1	VRTGPGR	1
N2DL4_HUMAN (Q8TD07) NKG2D ligand 4 precursor (NKG2D ligand 4) (NKG2DL4) (N2DL-4) (Retinoic acid early transcript 1E) (Lymphocyte effector toxicity activation ligand) (RAE-1-like transcript 4) (RL-4) [MASS=30122]	0.00	5.32	0.57	0.00	1	1	2	C[330]TGASWQFATNGEK	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	0.99	15.97	1.65	0.00	1	1	2	LLYIGFLGYC[339]SGLIDNLIR	1
N4BP3_HUMAN (O15049) NEDD4-binding protein 3 (N4BP3) [MASS=60441]	*	4.41	*	*	*	1	3	PSVFKPTAGNGKGFLSMQSLASHK	1
NAB1_HUMAN (Q13506) NGFI-A-binding protein 1 (EGR-1-binding protein 1) (Transcriptional regulatory protein p54) [MASS=54401]	0.00	8.83	0.63	0.00	1	2	2	VMAKQMEFLC[339]NQAGYERLQHAER	1
							2	ESSEALDAAAALSVAEC[330]VER	1
NAC2_HUMAN (Q9UPR5) Sodium/calcium exchanger 2 precursor (Na(+)/Ca(2+)-exchange protein 2) [MASS=100367]	0.95	10.21	0.68	0.00	1	5	2	IAEM[147]GKPVLGENC[330]R	1
							3	GPKLATTALFLGLWLLYILFASLEAYC[330]HIR	1
							3	EKEITITKANGETSVGTVR	1
							2	C[339]QPGVLLPVWEPDDPSLGDKAAR	1
							2	REVIQILK	1

NAL12_HUMAN (P59046) NACHT, LRR and PYD-containing protein 12 (PYRIN-containing APAF1-like protein 7) (Monarch-1) (Regulated by nitric oxide) [MASS=120172]	0.00	3.39	0.66	0.00	1	2	2	C[330]RISSSAC[330]EDLSAALIANK	1
							2	EHSNPMQVQQQLDGTGR	1
NALP5_HUMAN (P59047) NACHT, LRR and PYD-containing protein 5 (Mater protein homolog) [MASS=134235]	0.00	3.33	1.48	0.00	1	2	2	SLLRKVLLPESFLIVTVR	1
							2	SLDLTDNALGDGGVAALC[339]EGLK	1
NBN_HUMAN (O60934) Nibrin (Nijmegen breakage syndrome protein 1) (Cell cycle regulatory protein p95) [MASS=84958]	*	3.85	*	*	*	1	3	MLSQDAPTVKESC[330]KTSSNNNSMVSNTLAK	1
							2	FFLC[330]QVAGDAK	2
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	5.90	0.43	0.23	9	3	3	GPVEAKPEC[339]QETETKPAPAEVK	1
							2	GPVEAKPEC[330]QETETKPAPAEVK	1
							2	KVDKNDEAEYIC[330]IAENK	2
							2	FFLC[339]QVAGDAK	1
							3	GPVEAKPEC[330]QETETKPAPAEVK	1
							2	KVDKNDEAEYIC[339]IAENK	1
NCALD_HUMAN (P61601) Neurocalcin delta [MASS=22114]	0.99	30.73	0.89	0.04	2	3	3	WAFSM[147]YDLDGNGYISK	1
							2	DC[330]PSGHLISM[147]EEFKK	1
							2	DC[339]PSGHLISM[147]EEFKK	1
							3	AEMLEIVQAIYKM[147]VSSVM[147]KMPPEDESTPEK	1
NCOA2_HUMAN (Q15596) Nuclear receptor coactivator 2 (NCoA-2) (Transcriptional intermediary factor 2) [MASS=159156]	*	13.73	*	*	*	8	3	PTMPSGEWAPQSSAVRVTC[339]AATTSAM[147]NRPVQGGMIR	1
							2	GQGLNMTPSMVAPSGMPATM[147]SNPR	1
							3	ETNDPNLPPAVSSER	1
							2	EQEKAAAANIDEVQKSDVSSTGQGVIDK	1
							3	LLQDSSSPVDLAKLTAEATGKQLSQESSSTAPGSEVTIK	1
							1	PSYATLRMQPRPGLR	1
							2	MNSPSQSSPGM[147]NPGQPTSMLSPR	1
							2	LIRSQTTNEPQLVISLHM[147]LHR	1
NCOA3_HUMAN (Q9Y6Q9) Nuclear receptor coactivator 3 (EC 2.3.1.48) (NCoA-3) (Thyroid hormone receptor activator molecule 1) (TRAM-1) (ACTR) (Receptor-associated coactivator 3) (RAC-3) (Amplified in breast cancer-1 protein) (AIB-1) (Steroid receptor coacti [MASS=155292]	*	9.83	*	*	*	6	2	PPM[147]AGC[339]NSSVGGMSM[147]SPNQGLQMPSSR	1
							2	M[147]GPSQNPMMQHPQAASIYQSSEMK	1
							2	DTSSITSC[330]GDGNVVKQEQLSPK	1
							2	MSGLGENLDPLASDSRKR	1
							2	SNSIPGARPVLQQQQQMLQMR	1
							3	TFPSNPESFITRHDLSGKVVNIDTNSLR	1

NCOA4_HUMAN (Q13772) Nuclear receptor coactivator 4 (NCoA-4) (70 kDa androgen receptor coactivator) (70 kDa AR-activator) (Ret-activating protein ELE1) [MASS=69726]	0.00	3.26	0.21	0.00	1	1	3	SPM[147]NTSWC[330]SFNTADWVLP GK	1
NCOA6_HUMAN (Q14686) Nuclear receptor coactivator 6 (Amplified in breast cancer protein 3) (Cancer-amplified transcriptional coactivator ASC-2) (Activating signal cointegrator 2) (ASC-2) (Peroxisome proliferator-activated receptor-interacting protein) (P [MASS=219117]	*	2.28	*	*	*		3	2 LPVSQNVHPPRGPLNPDSQR 2 SPVSSSKGK 3 AVPAQEVKM[147]VVPEDQSKK	1 1 1
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	*	3.65	*	*	*		5	2 PYNSASMSPGHPHTLAAAASAERERER 2 GSPMM[147]NRTSDVTISSNK 2 RPSLLSEFHGSDR 2 VPENHASK 2 GSPM[147]M[147]NRTSDVTISSNKSTNHER	1 1 1 1 1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	11.86	0.78	0.06	3		2	2 C[330]PVMLVVGDAQPHEDAVVEC[330]NSK 3 C[339]PVM[147]LVVGDAQPHEDAVVEC[339]NSK 2 SC[330]FQPLFQFEDM[147]QEIIQNFVR	1 1 1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	1.00	14.29	1.68	0.02	3		2	2 EC[339]SDVQPK 2 IHLC[339]QR 2 IHLC[330]QR	1 1 1
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	13.91	1.62	0.01	3		1	2 TTGLVGLAVC[339]NTPHER 2 TTGLVGLAVC[330]NTPHER	2 1
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	0.99	8.04	2.68	0.00	1	1	2	LSNNYYC[339]TR	1

NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	36.84	1.66	0.01	2	5	3	EFM[147]LC[330]RWEKDPR	1
							3	AAAHHYGAQC[339]DKPNK	1
							1	C[339]LEEGK	1
							3	AAAHHYGAQC[330]DKPNKEFM[147]LC[330]R	1
							1	FDEC[339]VLDK	1
NDUA9_HUMAN (Q16795) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 39 kDa subunit) (Complex I-39KD) (CI-39KD) [MASS=42509]	0.85	5.04	*	*	*	1	2	SSVSGIVATVFGATGFLGR	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	24.23	1.64	0.03	9	5	2	QC[339]VDHYNEVK	1
							2	TFLPEM[147]SEKC[339]EVLQYSAR	1
							2	KQC[339]VDHYNEVK	1
							3	HFPEAGIHYPDSTTGDGKPLATDYNGNC[330]SLEK	2
							3	HFPEAGIHYPDSTTGDGKPLATDYNGNC[339]SLEK	2
							2	KQC[330]VDHYNEVK	1
NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]	0.38	15.71	1.06	0.00	1	1	2	QC[330]VDHYNEVK	1
							2	QC[330]VDHYNEVK	1
							2	C[330]EVLQYSAREAQDSK	1
							2	THNYGIGAAAC[339]VYFGIAASLVK	1
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	27.94	1.72	0.04	9	3	2	DYC[330]AHLIR	2
							3	EMVATQQEM[147]MDAQLRLQLR	1
							1	DSFPNFLAC[339]K	1
							1	DSFPNFLAC[330]K	1
							2	DSFPNFLAC[339]K	1
							2	DYC[339]AHLIR	3
							1	DYC[339]AHLIR	1

NDUB9_HUMAN (Q9Y6M9) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B22 subunit) (Complex I-B22) (CI-B22) [MASS=21700]	0.57	2.81	1.74	0.00	1	1	2	YDC[339]YK	1
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	1.00	6.43	1.72	0.01	3	1	2 2	EGQNYQQNC[330]IK EGQNYQQNC[339]IK	1 2
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	0.99	7.91	0.75	0.00	1	1	3	DYSLQIQNVDTVDDGPYTC[330]SVQTQHTPR	1
NEK4_HUMAN (P51957) Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) (Serine/threonine-protein kinase NRK2) [MASS=94571]	0.00	5.23	0.19	0.00	1	3	2 3 2	KASLSVAGPGKPQEEDQPLPAR RQISFFLEATK LSSDC[330]SVTQER	1 2 1
NELFB_HUMAN (Q8WX92) Negative elongation factor B (NELF-B) (Cofactor of BRCA1) [MASS=65697]	*	9.83	*	*	*	3	2 3 2	LYDM[147]VLQFLRTLFLRTR SFSLVKMPSLQPVVM[147]C[339]VM[147]KHLPK ELYSQLGEKLEQLDHRK	1 1 1
NET2_HUMAN (O00634) Netrin-2-like protein precursor [MASS=61466]	0.00	1.72	0.08	0.00	1	1	2 3	HGTEGPDC[330]GR DPTIQQSSPGSSLR	1 12
NEUR3_HUMAN (Q9UQ49) Sialidase-3 (EC 3.2.1.18) (Membrane sialidase) (Ganglioside sialidase) (N-acetyl-alpha-neuraminidase 3) [MASS=48252]	*	3.50	*	*	*	1			
NFAC1_HUMAN (O95644) Nuclear factor of activated T-cells, cytoplasmic 1 (NFAT transcription complex cytosolic component) (NF-ATc1) (NF-ATc) [MASS=101242]	0.00	3.18	0.72	0.00	1	1	3	IEITSC[339]LGLYHNNNQFFHDVEVEDVLPSSK	1

NFASC_HUMAN (O94856) Neurofascin precursor [MASS=150026]	1.00	3.71	1.18	0.20	3	4	2	RETREAWNNTVTWGSR	1
							2	RGTTVQLEC[330]R	1
							2	DNILIEC[330]EAK	1
							2	LDC[330]PFFGSPITLR	1
NFIB_HUMAN (O00712) Nuclear factor 1 B-type (Nuclear factor 1/B) (NF1-B) (NFI-B) (NF-I/B) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=47442]	*	3.33	*	*	*	1	2	HPC[339]C[339]VLSNPDQKGK	2
NFIC_HUMAN (P08651) Nuclear factor 1 C-type (Nuclear factor 1/C) (NF1-C) (NFI-C) (NF-I/C) (CCAAT-box-binding transcription factor) (CTF) (TGGCA-binding protein) [MASS=55675]	0.00	14.76	0.19	0.00	1	4	2	MPSHC[339]LSAQMLAPPPPGLPRLALPPATK	1
							2	TLPSTSSSGSKR	1
							3	MPSHC[339]LSAQM[147]LAPPPPGLPR	1
							2	KAPGC[330]VLSNPDQKGK	1
							2	VVVTKTVEK	1
							2	PPITISSKIQK	2
NFM_HUMAN (P07197) Neurofilament triplet M protein (160 kDa neurofilament protein) (Neurofilament medium polypeptide) (NF-M) (Neurofilament 3) [MASS=102316]	*	5.14	*	*	*	4	3	SYTLDSLGNPSAYR	14
NFS1_HUMAN (Q9Y697) Cysteine desulfurase, mitochondrial precursor (EC 2.8.1.7) [MASS=50195]	0.96	3.94	1.45	0.00	1	2	3	ELRATLEM[147]VNHEK	1
							2	C[339]IQHVK	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	*	15.24	*	*	*	1	2	WLTIQSGEQPYKM[147]AGR	1
NIPS1_HUMAN (Q9BPW8) Protein NipSnap1 [MASS=33310]	0.41	4.93	0.70	0.00	1	1	2	FSGGYPALMDC[339]M[147]NK	1

NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	1.00	16.78	1.68	0.04	9	3	3	LQFHNVKPEC[339]LEAYNKIC[339]QEVLPK	1
							2	IC[339]QEVLPK	1
							2	LQFHNVKPEC[339]LEAYNK	2
							3	LQFHNVKPEC[339]LEAYNK	2
							3	LQFHNVKPEC[330]LEAYNK	1
							2	LQFHNVKPEC[330]LEAYNK	2
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	*	2.75	*	*	*	1	2	RHLPVFQHR	1
NKTR_HUMAN (P30414) NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) [MASS=165675]	*	2.05	*	*	*	2	2	NQESSSDEQTPSR	1
							3	M[147]GAQDRPQC[330]HFDIEINR	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	3.78	1.41	0.05	7	4	2	TC[339]DALQAK	1
							2	LFAQQC[339]K	1
							2	KTC[339]DALQAK	2
							2	EANSIIITPGYGLC[339]AAK	2
NO55_HUMAN (Q92791) Nucleolar autoantigen No55 [MASS=50381]	0.00	3.43	2.59	0.00	1	1	2	KTC[330]DALQAK	1
							2	C[339]LAGC[339]EGAHEQVDFK	1
NOL11_HUMAN (Q9H8H0) Nucleolar protein 11 [MASS=81123]	*	0.83	*	*	*	1	1	KFLALK	1
NOL1_HUMAN (P46087) Proliferating-cell nucleolar antigen p120 (Proliferation- associated nucleolar protein p120) [MASS=94078]	0.00	2.92	0.34	0.00	1	2	3	GLSLPLC[330]LPSVPAAPHQQR	1
							1	KVAFLR	1
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	*	5.91	*	*	*	4	3	IIKVQKDESSTGSLAM[147]STR	1
							3	AGQKLM[147]DLQSHFGTDDR	1
							2	LQGSDFWR	1
							2	LPEVSKEMYNIAMDLKEIFQTTK	1
NOP5_HUMAN (Q9Y2X3) Nucleolar protein NOP5 (Nucleolar protein 5) (NOP58) [MASS=59578]	*	4.16	*	*	*	1	2	EEPLSEEEPC[330]TSTAIASPEKKK	1
NOTC3_HUMAN (Q9UM47) Neurogenic locus notch homolog protein 3 precursor (Notch 3) [Contains: Notch 3 extracellular truncation; Notch 3 intracellular domain] [MASS=243659]	0.00	2.33	0.06	0.00	1	3	3	C[330]DQGC[339]NTEEC[339]GWDGLDC[330]ASEVPALLAR	1
							3	C[339]VNTQGSFLC[330]QC[339]GR	1
							2	HGGTC[330]LNTPGSFR	1

NOTC4_HUMAN (Q99466) Neurogenic locus notch homolog protein 4 precursor (Notch 4) (hNotch4) [Contains: Notch 4 extracellular truncation; Notch 4 intracellular domain] [MASS=209621]

*

0.55

*

*

*

1

NPFF2_HUMAN (Q9Y5X5) Neuropeptide FF receptor 2 (Neuropeptide G-protein coupled receptor) (G-protein coupled receptor 74) (G-protein coupled receptor HLWAR77) [MASS=60270]

0.00

2.68

2.31

0.00

1

1

NPTN_HUMAN (Q9Y639) Neuropilin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]

1.00

17.38

0.44

0.21

5

3

NR1H4_HUMAN (Q96RI1) Bile acid receptor (Farnesoid X-activated receptor) (Farnesol receptor HRR-1) (Retinoid X receptor-interacting protein 14) (RXR-interacting protein 14) [MASS=55914]

*

9.47

*

*

*

2

NR6A1_HUMAN (Q15406) Orphan nuclear receptor NR6A1 (Germ cell nuclear factor) (GCNF) (Retinoid receptor-related testis-specific receptor) (RTR) [MASS=54383]

*

4.38

*

*

*

2

NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	1.53	*	*	*	1	3	VALVKVLDKWPLR	3
NRIP1_HUMAN (P48552) Nuclear receptor-interacting protein 1 (Nuclear factor RIP140) (Receptor-interacting protein 140) [MASS=126941]	0.00	5.01	0.76	0.00	1	2	3 LM[147]ASKSSATVFQNPM[147]GIIPSSPKNAGYK 3 WNSPPYVC[339]STQSEKLTNTASNHSM[147]DLTKSK	1 1	
NRP2_HUMAN (O60462) Neuropilin-2 precursor (Vascular endothelial cell growth factor 165 receptor 2) [MASS=104830]	0.00	6.77	1.77	0.00	1	3	3 SYKLEVSTNGEDWMVYR 3 LEVLGC[339]DWTDSKPTVETLGPTVK 3 ISTDVPLENC[330]MEPISAFAGENFK	1 1 1	
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	6.05	0.89	0.01	2	3	2 IDGVEQLNNILVIGMTNR 2 SQLSC[339]VVVDDIER 2 FSNLVLQALLVLLK 2 SQLSC[330]VVVDDIER	1 1 1 1	
NTRK2_HUMAN (Q16620) BDNF/NT-3 growth factors receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 2) (TrkB tyrosine kinase) (GP145-TrkB) (Trk-B) [MASS=91998]	0.21	3.89	0.62	0.00	1	2	2 NC[330]LVGENLLVK 2 VGGHTMLPIRWMPPEIMYRK	1 1	
NU205_HUMAN (Q92621) Nuclear pore complex protein Nup205 (Nucleoporin Nup205) (205 kDa nucleoporin) [MASS=227919]	*	1.14	*	*	*	1	2	MATPLAVNSAASLWGPYKDIWHK	1

								2	DC[330]FIIYQGHGHDVGAPIADVILPGAAYTEK	1
								3	DLNVRVSDTLC[339]TEEVFPTAGAGTDLR	1
								2	C[330]IQC[330]TR	1
								2	DC[339]FIIYQGHGHDVGAPIADVILPGAAYTEK	1
								2	VLFLLGADGGC[339]ITR	2
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	14.03	1.73	0.06	15	7		2	LSVAGNC[339]R	1
								2	VLFLLGADGGC[330]ITR	2
								3	DC[339]FIIYQGHGHDVGAPIADVILPGAAYTEK	2
								2	C[339]IQC[339]TR	1
								2	FC[339]YHER	2
								2	VVAAC[339]AM[147]PVM[147]K	1
								2	FC[330]YHER	1
								2	HESC[339]GQC[339]TPC[339]R	1
								2	NAC[339]GSGYDFDFVVR	2
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	31.90	1.17	0.33	15	8		3	SVC[339]ETVLM[147]DFDALVQAQTGLGTAIVVM[147]DR	1
								3	LIEFYKHESC[339]GQC[339]TPC[339]R	1
								2	LFNISGHVNHPC[330]TVEEEMSVPLKELIEK	1
								2	GAGAYIC[330]GEETALIESIEGK	1
								2	YLVVNADEGEPTGC[339]KDR	1
								2	LLEGCG[339]LVGGR	1
								2	YLVVNADEGEPTGC[330]KDR	1
								2	GAGAYIC[339]GEETALIESIEGK	2
								3	HESC[339]GQC[339]TPC[339]R	1
								2	LLEGCG[330]LVGGR	1
								2	NAC[330]GSGYDFDFVVR	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.98	1.73	1.70	0.00	1	1		2	IIAQC[339]LNK	1
NUD14_HUMAN (O95848) Uridine diphosphate glucose pyrophosphatase (EC 3.6.1.45) (UDPG pyrophosphatase) (UGPPase) (Nucleoside diphosphate linked moiety X motif 14) (Nudix motif 14) [MASS=24118]	0.00	9.46	1.30	0.00	1	2		2	SWDFMK	1
								2	C[339]AASPYLRPLTLHYR	1

NUD15_HUMAN (Q9NV35) Probable 7,8-dihydro-8-oxoguanine triphosphatase NUDT15 (EC 3.1.6.-) (8-oxo-dGTPase NUDT15) (Nucleoside diphosphate-linked moiety X motif 15) (Nudix motif 15) [MASS=18609]	*	8.54	*	*	*	1	3	RPGVGVGVVVTSC[330]K	1
NUDT8_HUMAN (Q8WV74) Nucleoside diphosphate-linked moiety X motif 8, mitochondrial precursor (EC 3.6.1.-) (Nudix motif 8) [MASS=25370]	0.00	6.78	0.10	0.00	1	1	2	ARPASAAVLVPLC[330]SVR	1
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	1.00	12.45	1.79	0.04	7	2	2	FSC[339]EPAGGLTSLTEPPK	1
							2	YHIQVC[339]TTTPC[339]M[147]LR	2
							2	YHIQVC[330]TTTPC[330]MLR	1
							2	YHIQVC[339]TTTPC[339]MLR	1
							3	YHIQVC[339]TTTPC[339]M[147]LR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	1.00	22.86	2.05	0.02	4	4	2	YHIQVC[330]TTTPC[330]M[147]LR	1
							2	YHIQVC[339]TTTPC[339]M[147]LR	1
							2	YHIQVC[330]TTTPC[330]M[147]LR	1
							2	C[339]IAC[339]K	2
							2	C[330]IAC[330]K	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	1.00	12.68	1.88	0.04	4	1	2	LC[339]EAIC[339]PAQAITIEAEPR	1
							2	M[147]RC[330]LTTPMLLRALAQAAR	1
							1	GEHALRR	1
							2	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	1
							3	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	3
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	21.77	1.44	0.03	7	2	2	VIAC[330]DGGGGALGHPK	2
							2	VIAC[339]DGGGGALGHPK	2
							2	TGTC[330]GYC[330]GLQFR	1
							2	TGTC[339]GYC[339]GLQFR	1
							1	VIAC[339]DGGGGALGHPK	1
NXT1_HUMAN (Q9UKK6) NTF2-related export protein 1 (p15 protein) [MASS=15847]	0.00	19.29	0.19	0.00	1	1	2	DFNQNFILTAQASPSNTVWKIASDC[330]FR	1
O10AG_HUMAN (Q8NH19) Olfactory receptor 10AG1 (Olfactory receptor OR11-160) [MASS=34105]	0.00	10.96	0.69	0.00	1	1	3	AFSTC[330]SSHLIVILFFGAGTITYLQPKPHQFQR	1

O10H3_HUMAN (O60404) Olfactory receptor 10H3 [MASS=35721]	0.00	8.54	3.78	0.00	1	1	2	TFSTC[339]VSHLTVVVM[147]HYSFASLIYLPKPK	1
O10H5_HUMAN (Q8NGA6) Olfactory receptor 10H5 [MASS=34900]	0.00	8.89	*	*	*	1	3	VGC[330]SWAGGLVM[147]GMVVTS AIFHLAFC[330]GHK	1
O11G2_HUMAN (Q8NGC1) Olfactory receptor 11G2 [MASS=34933]	*	24.76	*	*	*	3	3	KAFSTC[330]GSHLAVVSLFYGSVLVM[147]YGSPPSKNEAGK	1
							2	KGPVIELVFSVLSPLPVFMLFLFIVGSYALVVR	1
							1	VPSAAGRK	1
O2T35_HUMAN (Q8NGX2) Olfactory receptor 2T35 (Olfactory receptor OR1-66) [MASS=36101]	*	4.64	*	*	*	1	3	C[339]GSSQSIRVATVIRK	1
O51V1_HUMAN (Q9H2C8) Olfactory receptor 51V1 (Odorant receptor HOR3'beta1) (Olfactory receptor OR11-36) [MASS=36882]	0.00	6.54	1.03	0.00	1	1	2	IGLTIIGRSFFFITPPIIC[330]LK	1
ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2-methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	*	5.39	*	*	*	1	2	EGDTV SQFDSIC[339]EVQSDKASVTITSR	1
ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781]	1.00	14.33	1.50	0.01	3	4	1	DVPLGTPLC[339]IIVEK	1
							2	DVPIGAIIC[330]ITVGKPEDIEAFK	1
							3	NFSAIINPPQAC[330]ILAIGASEDKLVPADNEK	1
							2	NFSAIINPPQAC[330]ILAIGASEDK	1
							2	C[339]DLHR	2
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	1.00	15.90	1.77	0.03	6	5	2	KC[339]DLHR	1
							3	GGC[339]AKGKGGSMMHM[147]YAK	1
							2	LPC[339]IFIC[339]ENNR	1
							2	NFYGGNGIVGAQVPLGAGIALAC[339]K	1
							2	KC[330]DLHR	1
							1	C[339]DLHR	1

ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	0.00	19.50	0.87	0.07	2	3	2 PVGHC[330]LEAAAVLSK 3 EGVEC[330]EVINM[147]RTIRPM[147]DM[147]ETIEASVMK 2 YGDKRIIDTPISEMGFAGIAVGAAMAGLR 2 PVGHC[339]LEAAAVLSK	1 1 1 1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.77	7.98	2.21	0.00	1	2	2 STVPHAYATADC[339]DLGAVLK 3 ILM[147]PSLSPTMEEGNIVKWLLK	1 1
OGT1_HUMAN (O15294) UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit (EC 2.4.1.-) (O-GlcNAc transferase p110 subunit) [MASS=116924]	*	4.21	*	*	*	3	2 AFLDSLDPVKIVKMK 2 AFLDSLDPVKIVK 2 KAVIDFKSNGHIYDNR	1 1 1
OMD_HUMAN (Q99983) Osteomodulin precursor (Osteoadherin) (OSAD) (Keratan sulfate proteoglycan osteomodulin) (KSPG osteomodulin) [MASS=49492]	0.00	4.04	1.09	0.00	1	1	2 IFAKM[147]EKLMQLNLC[330]SNR	1
OMGP_HUMAN (P23515) Oligodendrocyte-myelin glycoprotein precursor [MASS=49608]	0.99	3.64	0.71	0.00	1	1	2 AHVIGTPC[330]STQISSLK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	8.75	1.68	0.06	6	6	2 C[330]NEEHPAYLASDEITTVR 3 TQEQC[330]VHNETKNELEK 3 TQEQC[339]VHNETKNELEK 2 C[339]NEEHPAYLASDEITTVRK 2 HFRKVSDK 2 C[339]NEEHPAYLASDEITTVR 3 TALNHC[339]NLC[339]R 3 NFWPARLATRLLK 2 TALNHC[330]NLC[339]R	1 1 1 1 1 1 1 1 1
OPCM_HUMAN (Q14982) Opioid-binding protein/cell adhesion molecule precursor (OBCAM) (Opioid-binding cell adhesion molecule) (OPCML) [MASS=38007]	1.00	7.83	0.63	0.20	4	2	2 C[330]TIDDR 2 DQSGEYEC[330]SALNDVAAPDVRK 3 DQSGEYEC[330]SALNDVAAPDVRK	2 1 1
OPHN1_HUMAN (O60890) Oligophrenin 1 [MASS=91640]	*	3.49	*	*	*	1	2 PDIVAGNAGEITSSVVASRTRFFETASR	1

OPSB_HUMAN (P03999) Blue-sensitive opsin (BOP) (Blue cone photoreceptor pigment) [MASS=39135]	*	7.76	*	*	*	1	3	M[147]VVVMVGSFC[330]VC[339]YVPYAAFAMYMVNNR	1
OR4KE_HUMAN (Q8NGD5) Olfactory receptor 4K14 (Olfactory receptor OR14-22) [MASS=35053]	0.00	8.06	0.13	0.00	1	1	3	ALSTC[330]SAHIMVVTLFFGPC[330]IFVYVR	1
ORCT3_HUMAN (Q9Y226) Organic-cation transporter-like 3 (Solute carrier family 22 member 13) [MASS=60861]	0.00	2.18	2.29	0.00	1	1	2	C[339]SSIFMMQRFGR	1
P5CS_HUMAN (P54886) Delta 1-pyrroline-5-carboxylate synthetase (P5CS) (Aldehyde dehydrogenase 18 family member A1) [Includes: Glutamate 5-kinase (EC 2.7.2.11) (Gamma-glutamyl kinase) (GK); Gamma-glutamyl phosphate reductase (GPR) (EC 1.2.1.41) (Glutamate [MASS=87302]	*	15.09	*	*	*	5	2	YLHENLPIPQRNTN	1
							3	AAKGIPVMGHSEGIC[339]HMYVDSEASVDKVTR	1
							2	FSDGYRFGLGAEVGISTSR	1
							2	DHVVSDFSEHGSLKYLHENLPIQR	1
							3	EAAHSNRILHLLTQEALSIHGVKEAVQLVNTR	1
PACN1_HUMAN (Q9BY11) Protein kinase C and casein kinase substrate in neurons protein 1 [MASS=50965]	0.62	2.25	0.56	0.00	1	1	2	AYHLAC[330]KEEK	1
PACS1_HUMAN (Q6VY07) Phosphofurin acidic cluster sorting protein 1 (PACS-1) [MASS=104898]	*	0.83	*	*	*	1	1	YLGSVDSK	1
PADI3_HUMAN (Q9ULW8) Protein-arginine deiminase type-3 (EC 3.5.3.15) (Protein-arginine deiminase type III) (Peptidylarginine deiminase III) [MASS=74743]	0.00	1.66	0.07	6.20	2	1	2	MLLASPGAC[330]FK	3
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPank4) [MASS=85990]	0.00	6.08	8.49	0.00	1	3	2	C[330]ALIFADNSGIDIILGVFPFVR	1
							1	SLLDTR	1
							3	SLLHMISNDIGQLAC[339]LHAR	2
PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]	*	4.79	*	*	*	4	3	AFKTQC[330]TQDGSWQEGAC[330]VPVTC[339]DPPPPK	1
							2	YHGAQC[339]TVSC[339]RTGYVLQIRR	1

PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]

*	4.79	*	*	*	4
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PAPPA_HUMAN (Q13219) Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) [MASS=181140]

*	4.79	*	*	*	4	2	C[330]KVLMLGGSALNHNRYR
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1

PAR4_HUMAN (Q96RI0) Proteinase-activated receptor 4 precursor (PAR-4) (Thrombin receptor-like 3) (Coagulation factor II receptor-like 3) [MASS=41163]

*	5.97	*	*	*	1	2	AGLFQRSPGDTVASKASAEGGSR
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1

							3	EGPYDVVVLPGGNLGAQNLSESAAVKEILK	1
							2	VTVAGLAGKDPVQC[339]SR	2
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	56.61	0.92	0.06	7	5	2	VTVAGLAGKDPVQC[330]SR	2
							3	GLIAAIC[330]AGPTALLAHEIGFGSK	1
							2	DVVIC[339]PDASLEDAKK	1
							2	VTTHPLAKDKMM[147]NGGHYTYSENK	1
							2	DVVIC[330]PDASLEDAKK	1
PARP4_HUMAN (Q9UKK3) Poly [ADP-ribose] polymerase 4 (EC 2.4.2.30) (PARP-4) (Vault poly(ADP-ribose) polymerase) (VPARP) (193 kDa vault protein) (PARP-related/lalpal- related H5/proline-rich) (PH5P) [MASS=192587]	0.00	8.76	0.57	0.00	1	8	2	YNTLEKVGK[147]EGGQEAUVVVELQC[330]SR	1
							3	RTDC[330]KAVISTM[147]EGSSLDSSGFSLHIGLSAAYLPR	1
							1	EVNLGLLAKK	1
							2	TTGTM[147]IHKLAARALIR	1
							3	TSEDASEYFENYIEELK	1
							3	KADLC[330]QLIRDMVNVVC[339]ETNLSK	1
							2	M[147]M[147]TEFYRLIPHKGTM[147]PK	1
							1	PVNRISLNDVSK	1
PAX3_HUMAN (P23760) Paired box protein Pax-3 (HUP2) [MASS=52967]	0.00	3.13	*	*	*	1	2	QLRVSHGC[339]VSKILC[339]R	1
PAX7_HUMAN (P23759) Paired box protein Pax-7 (HUP1) [MASS=56896]	0.00	5.77	2.08	0.00	1	2	2	LDEGSDVESEPDLPKLRK	1
							2	MMRPAPGQNYPR	1
PC11X_HUMAN (Q9BZA7) Protocadherin-11 X- linked precursor (Protocadherin-11) (Protocadherin on the X chromosome) (PCDH- X) (Protocadherin-S) [MASS=147557]	*	1.63	*	*	*	1	3	TGDVPLIRIEEDTGEIFTTGAR	1
PC11Y_HUMAN (Q9BZA8) Protocadherin-11 Y- linked precursor (Protocadherin-11) (Protocadherin-22) (Protocadherin on the Y chromosome) (PCDH-Y) (Protocadherin prostate cancer) (Protocadherin-PC) [MASS=146774]	*	1.57	*	*	*	1	3	NMQNSEWATPNPENRQM[147]IM[147]M[147]K	1
PCDA3_HUMAN (Q9Y5H8) Protocadherin alpha 3 precursor (PCDH-alpha3) [MASS=102428]	0.29	3.37	0.66	0.00	1	1	3	C[339]SAPPTGDC[339]GPGKPTLVC[339]SSAVGSWSYSQQR	1
PCDA5_HUMAN (Q9Y5H7) Protocadherin alpha 5 precursor (PCDH-alpha5) [MASS=102047]	*	1.50	*	*	*	1	3	RAEC[330]SIHLEVIVDR	1
PCDGI_HUMAN (Q9Y5F9) Protocadherin gamma B6 precursor (PCDH-gamma-B6) [MASS=101043]	*	3.66	*	*	*	1	2	ISLSENLPGPSVLQVTATDQDEGVNAEINYYFR	1

PCDGL_HUMAN (Q9Y5F7) Protocadherin gamma C4 precursor (PCDH-gamma-C4) [MASS=101213]	*	5.44	*	*	*	2	3	ARPGSLC[330]PQALPPSVGAGHLITK	1
							2	FVDVGGHSHGC[330]TPLASAPTRSDSFM[147]M[147]VK	1
PCF11_HUMAN (O94913) Pre-mRNA cleavage complex 2 protein Pcf11 (Pre-mRNA cleavage complex II protein Pcf11) (Fragment) [MASS=183979]	*	3.14	*	*	*	3	2	IINGIVQKQDTITEESEKQGTK	1
							2	DKDEHMKSSSEHR	1
							3	RRFIPEVPPVSSPIPPPR	1
							3	FGYRDDHYQYDRSGPYGYR	1
							2	SHRTVVTM[147]DESTSSVM[147]TKIIEDEK	1
							3	IPPMVTTDQKQEEK	1
							3	DASRPQTKQADIVR	1
							3	LQINYDLGNLIHILQARNLVPR	1
PCLO_HUMAN (Q9Y6V0) Protein piccolo (Aczonin) [MASS=566653]	*	4.21	*	*	*	10	2	MVKPTTDLVSSSSATTKPDIPSSK	1
							3	EQLSTTYFTSGETFGQEKPASQLPSGSPSVSSLPK	1
							2	DLSGIHTADAVTSLPAMHHSQPM[147]PR	1
							3	LDLNMLSDSENSQHLELHEPPKAVDKAK	1
							1	AIPRPASDSK	2
PCSK5_HUMAN (Q92824) Proprotein convertase subtilisin/kexin type 5 precursor (EC 3.4.21.-) (Proprotein convertase PC5) (Subtilisin/kexin-like protease PC5) (hPC6) [MASS=101775]	*	3.29	*	*	*	2	1	YDASNENK	1
							2	GTHSFISM[147]EPKVEWIIQQQVVKK	1
PCSK6_HUMAN (P29122) Proprotein convertase subtilisin/kexin type 6 precursor (EC 3.4.21.-) (Paired basic amino acid cleaving enzyme 4) (Subtilisin/kexin-like protease PACE4) (Subtilisin-like proprotein convertase 4) (SPC4) [MASS=106420]	0.00	11.56	1.13	0.00	1	6	3	C[339]DENC[330]LSC[330]AGSSRNC[339]SRC[339]K	1
							3	C[339]VSVC[339]PLGYFGDTAARR	1
							3	IGGIRM[147]LDGDVTDVVEAK	1
							2	SRM[147]LELSAPELEPPK	1
							2	IGGIRMLDGDVTDVVEAKSLGIR	1
							2	C[330]VPAC[330]GEGFYPEEMPGLPHK	1
PDE2A_HUMAN (O00408) cGMP-dependent 3',5'-cyclic phosphodiesterase (EC 3.1.4.17) (Cyclic GMP-stimulated phosphodiesterase) (CGS-PDE) (cGSPDE) [MASS=105716]	*	6.06	*	*	*	2	2	LLHDGIQPVAAIDSNFASFTYTPR	1
							3	PDEPPPPQPC[339]ADSLQDALLSLGSDISGLQR	1
PDE6C_HUMAN (P51160) Cone cGMP-specific 3',5'-cyclic phosphodiesterase alpha'-subunit (EC 3.1.4.35) (cGMP phosphodiesterase 6C) [MASS=99146]	*	2.33	*	*	*	1	3	KDIAQEMLM[147]NQTKATPEEIK	1

PDE8A_HUMAN (O60658) High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (EC 3.1.4.17) [MASS=93303]	*	8.44	*	*	*	3	3	RLSGNEYVLSTKNTQM[147]VSSNIITPISLDDVPPR	1
							3	QGIIDMVLATEM[147]TK	1
							3	ELGEVPINEKKADLLDTINSC[330]IR	1
PDIA6_HUMAN (Q15084) Protein disulfide-isomerase A6 precursor (EC 5.3.4.1) (Protein disulfide isomerase P5) (Thioredoxin domain-containing protein 7) [MASS=48121]	0.99	5.45	1.97	0.00	1	1	3	TC[339]EEHQLC[339]VVAVLPHILDTGAAGR	1
PDK2_HUMAN (Q15119) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 2) [MASS=46154]	*	12.53	*	*	*	2	3	HIGSIDPNC[339]NVSEVVKDAYDM[147]AK	1
							3	DTYGDDPVSNQNIQYFLDRFYLSRISIR	1
PDZK6_HUMAN (Q9ULD6) PDZ domain-containing protein 6 [MASS=105647]	0.00	2.76	*	*	*	1	2	SVSSLNPVKEHGVLFEC[339]SPGNWTDQK	1
PEA15_HUMAN (Q15121) Astrocytic phosphoprotein PEA-15 (Phosphoprotein enriched in diabetes) (PED) [MASS=15040]	1.00	8.46	0.75	0.01	2	1	2	SAC[330]KEDIPSEK	1
							2	SAC[339]KEDIPSEK	1
PELO_HUMAN (Q9BRX2) Protein pelota homolog [MASS=43377]	*	2.86	*	*	*	1	2	FLQVHASSGHK	1
PEO1_HUMAN (Q96RR1) Twinkle protein, mitochondrial precursor (EC 3.6.1.-) (T7 gp4-like protein with intramitochondrial nucleoid localization) (T7-like mitochondrial DNA helicase) (Progressive external ophthalmoplegia 1 protein) [MASS=77154]	*	2.92	*	*	*	1	3	KETLQALDMPVLPVTATEIR	1
PFTB_HUMAN (P49356) Protein farnesyltransferase subunit beta (EC 2.5.1.58) (CAAX farnesyltransferase subunit beta) (RAS proteins prenyltransferase beta) (FTase-beta) [MASS=48773]	0.00	4.35	0.82	0.00	1	1	2	LVDGC[339]YSFWQAGLLPLLHR	1
PGAM1_HUMAN (P18669) Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) [MASS=28673]	1.00	13.44	0.66	0.02	4	2	3	YADLTEDQLPSC[339]ESLKDTIAR	2
							2	YADLTEDQLPSC[330]ESLKDTIAR	1
							2	YADLTEDQLPSC[339]ESLKDTIAR	1
							3	YADLTEDQLPSC[330]ESLKDTIAR	1
							3	AETAAKHGAEQVK	1

PGCB_HUMAN (Q96GW7) Brevican core protein precursor (Brain-enriched hyaluronan-binding protein) (Protein BEHAB) [MASS=99117]	0.99	9.44	0.41	0.00	1	4	2	VHGPPTETLPTPRERNLASPSTLVEAR	1
							2	IAGDAPLQGVLGALTIPC[339]HVHYLR	1
							3	VHGPPTETLPTPRER	1
							2	C[330]EVQHGIDDSSDAVEVK	1
PGDH_HUMAN (P15428) 15-hydroxyprostaglandin dehydrogenase [NAD+] (EC 1.1.1.141) (PGDH) (Prostaglandin dehydrogenase 1) [MASS=28977]	0.00	11.65	2.24	0.00	1	1	2	QNGGEGGIIINM[147]SSLAGLM[147]PVAQQPVYC[339]ASK	1
PGES2_HUMAN (Q9H7Z7) Prostaglandin E synthase 2 (EC 5.3.99.3) (Microsomal prostaglandin E synthase 2) (mPGES-2) [Contains: Prostaglandin E synthase 2 truncated form] [MASS=41943]	0.00	4.77	*	*	*	1	2	AGFAGAAGGSPVAAARK	3
PGH2_HUMAN (P35354) Prostaglandin G/H synthase 2 precursor (EC 1.14.99.1) (Cyclooxygenase-2) (COX-2) (Prostaglandin-endoperoxide synthase 2) (Prostaglandin H2 synthase 2) (PGH synthase 2) (PGHS-2) (PHS II) [MASS=68996]	0.00	6.95	0.20	0.00	1	2	2	EM[147]SAELEALYGDIDAVELYPALLVEK	1
							2	GC[339]PFTSFSPDPELIK	1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	1.00	9.38	0.57	0.01	2	2	2	AC[339]ANPAAGSVILLENLR	1
							2	AC[330]ANPAAGSVILLENLR	1
							2	NGVKITLPVDFVTADKFDENAK	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	0.00	10.86	1.02	0.00	1	3	2	VM[147]IC[330]M[147]PVGGPDLSLVSYTAQK	1
							2	ATLLLPPTLM[147]AASEDDIDRR	1
							2	ELNEFKSTEM[147]EVHELRLTR	1
PHEX_HUMAN (P78562) Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (X-linked hypophosphatemia protein) (HYP) (Vitamin D-resistant hypophosphatemic rickets protein) [MASS=86473]	*	4.41	*	*	*	1	3	WINDRRQGLEEPLPGITFTNNQLFFLSYAHVR	1
PHLB1_HUMAN (Q86UU1) Pleckstrin homology-like domain family B member 1 (Protein LL5-alpha) [MASS=151161]	*	5.81	*	*	*	3	3	LTQGC[339]MLC[330]LGQSTFLRFNHPAEAKWM[147]K	1
							2	NQIGPGC[330]QTQTM[147]VQK	1
							3	LLPVAVDLEQWYQELMAGLGTGPAASPHSSPPPLPAK	1

PHYIP_HUMAN (Q92561) Phytanoyl-CoA hydroxylase-interacting protein (Phytanoyl-CoA hydroxylase-associated protein 1) (PAHXAP1) (PAHX-AP1) [MASS=37572]	0.85	3.64	1.15	0.00	1	1	2	THC[339]GNM[147]LQPYLK	1
PIAS3_HUMAN (Q9Y6X2) Protein inhibitor of activated STAT protein 3 [MASS=68017]	0.54	7.64	0.18	0.00	1	3	2	C[330]DYTEIQVQLR	1
							2	ALTC[339]AHLQSFDAALYLQM[147]NEKK	1
							3	ALHLLKSSC[330]APSVQM[147]K	1
PIGO_HUMAN (Q8TEQ8) Phosphatidylinositol-glycan biosynthesis, class O protein (PIG-O) [MASS=118698]	0.00	1.29	0.60	0.00	1	1	2	AMC[330]IESWARFSLVR	1
PK3CA_HUMAN (P42336) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform (EC 2.7.1.153) (PI3-kinase p110 subunit alpha) (PtdIns-3-kinase p110) (PI3K) [MASS=124412]	0.00	4.68	1.14	0.00	1	3	2	SC[339]IMLGRMPNLKM[147]MAK	1
							2	EIGFAIGM[147]PVC[330]EFDM[147]VK	1
							2	SC[339]AGYC[330]VATFILGIGDR	1
PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	0.00	7.53	0.44	0.00	1	4	3	STTSQTIKVSPDDTPGAILQSFFTKMAK	1
							3	SAAASLSSMELIPIEFVLPTSQRK	1
							2	KIANN[C330]IFIVIHR	1
							2	M[147]ELENYKQPVVLRDNC[339]R	1
PKHA5_HUMAN (Q9HAU0) Pleckstrin homology domain-containing family A member 5 (Phosphoinositol 3-phosphate-binding protein 2) (PEPP-2) [MASS=127463]	0.42	7.17	1.09	0.00	1	4	3	KERPISMINEASNYNVTSDYAVHPM[147]SPVGR	1
							2	TYFFC[330]TDTGKEM[147]ELWM[147]K	1
							2	HQQAC[339]LR	1
							3	KTENISYEMLFEPENGVSVM[147]MDK	2
PLCC_HUMAN (Q9NRZ7) 1-acyl-sn-glycerol-3-phosphate acyltransferase gamma (EC 2.3.1.51) (1-AGP acyltransferase 3) (1-AGPAT 3) (Lysophosphatidic acid acyltransferase-gamma) (LPAAT-gamma) (1-acylglycerol-3-phosphate O-acyltransferase 3) [MASS=43381]	*	12.50	*	*	*	2	3	FGKEHAVIILNHNFEIDFLC[339]GWTC[330]ER	1
							3	C[330]LRGTVAAYVDVTLNFRGNK	1

PLCD1_HUMAN (P51178) 1-
phosphatidylinositol-4,5-bisphosphate
phosphodiesterase delta 1 (EC 3.1.4.11)
(Phosphoinositide phospholipase C) (PLC-delta-
1) (Phospholipase C-delta-1) (PLC-III)
[MASS=85763]

* 7.94 * * * 3

3 QMTKDGFLLMYLLSADGSAFSLAHR 1
3 DQRNTLDLIAPSPADAQHWVLGLHK 1

PLXA3_HUMAN (P51805) Plexin-A3 precursor
(Plexin-4) (Semaphorin receptor SEX)
[MASS=207664]

0.00 5.56 0.89 0.00 1 6

2 RLVAC[339]GSIWQGIC[339]QFLR 1
1 C[339]SHPR 1
3 ALTLPAM[147]M[147]GLAAGGGLLLAITAVLVAYKR 1
1 GVEYR 1
3 YRGIETTNTC[330]QVINDTAMLC[339]KAPGIFLGR 1
2 MASISDQDM[147]DAYLVEQSR 1

PP1A_HUMAN (P62136) Serine/threonine-
protein phosphatase PP1-alpha catalytic
subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]

0.60 10.00 0.75 0.00 1 2

3 IFC[339]C[339]HGGLSPDLQSM[147]EQIRRIMR 1
2 GNHEC[330]ASINR 1

PP4C_HUMAN (P60510) Serine/threonine-
protein phosphatase 4 catalytic subunit (EC
3.1.3.16) (PP4C) (Pp4) (Protein phosphatase
X) (PP-X) [MASS=35080]

* 4.89 * * * 1

3 C[339]ELIKESEVKALC[330]AK 1

PPARG_HUMAN (P37231) Peroxisome
proliferator-activated receptor gamma (PPAR-
gamma) [MASS=57620]

0.00 2.38 0.13 0.00 1 1

2 C[330]LAVGM[147]SHNAIR 1

PPE1_HUMAN (O14829) Serine/threonine-protein phosphatase with EF-hands 1 (EC 3.1.3.16) (PPEF-1) (Protein phosphatase with EF calcium-binding domain) (PPEF) (Serine/threonine-protein phosphatase 7) (PP7) [MASS=75792]	0.00	1.23	0.04	0.00	1	1	2	LC[330]SGTTPR	1
PPGB_HUMAN (P10619) Lysosomal protective protein precursor (EC 3.4.16.5) (Cathepsin A) (Carboxypeptidase C) (Protective protein for beta-galactosidase) [Contains: Lysosomal protective protein 32 kDa chain; Lysosomal protective protein 20 kDa chain] [MASS=54466]	0.00	4.38	1.04	0.00	1	1	3	M[147]DPPC[339]TNNTAASTYLNPNPYVR	1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	15.24	0.72	0.14	4	2	1	KITIADC[330]GQLE	1
							2	IIPGFM[147]C[330]QGGDFTR	1
							2	IIPGFMC[330]QGGDFTR	1
							2	KITIADC[330]GQLE	1
PPIB_HUMAN (P23284) Peptidyl-prolyl cis-trans isomerase B precursor (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin B) (S-cyclophilin) (SCYLP) (CYP-S1) [MASS=22742]	0.97	36.54	0.88	0.00	1	4	2	TVDNFVALATGEKFGYK	1
							2	DKPLKDVIIADC[330]GK	1
							3	DFMIQGGDFTRGDGTGGK	1
							2	VLLAAALIAGSVFFLLLPGPSAADEK	1
PPOX_HUMAN (P50336) Protoporphyrinogen oxidase (EC 1.3.3.4) (PPO) [MASS=50765]	*	5.87	*	*	*	1	3	VTVMLGGSWLQTLEASGC[330]VLSQELFQQR	1
PPP5_HUMAN (P53041) Serine/threonine-protein phosphatase 5 (EC 3.1.3.16) (PP5) (Protein phosphatase T) (PP-T) (PPT) [MASS=56878]	0.00	5.61	3.62	0.00	1	2	2	TEC[339]YGYALGDATRAIELDKK	1
							2	TEC[339]AEPPR	1
PR285_HUMAN (Q9BYK8) Peroxisomal proliferator-activated receptor A-interacting complex 285 kDa protein (EC 3.6.1.-) (ATP-dependent helicase PRIC285) (PPAR-alpha-interacting complex protein 285) (PPAR-gamma DBD-interacting protein 1) (PDIP1) [MASS=294533]	*	3.17	*	*	*	5	2	DPSQVPIYSLRKGR	1
							2	LRSDC[330]FYEQPDEDGTLGFR	1
							3	TQDYEQMVLDVTTDDM[147]HPFLAPAGR	1
							3	WPEAAALIQEKGEASQR	1
							3	VC[330]RRPTM[147]PS	1
PRD11_HUMAN (Q9NQV5) PR domain-containing protein 11 [MASS=57033]	0.48	8.13	2.30	0.00	1	2	2	ADSPAEASLASDPHELPTTSFC[339]PNC[339]IR	1
							3	MAEPIASLMIVEC[330]R	1

PRDM7_HUMAN (Q9NQW5) PR domain zinc finger protein 7 (PR domain-containing protein 7) [MASS=45965]	0.00	8.60	2.48	0.00	1	2	3	LLQPENPC[339]PGDQNQER	1
							2	SDVITHQRTHTGGKPYVC[339]R	1
PRDM8_HUMAN (Q9NQV8) PR domain zinc finger protein 8 (PR domain-containing protein 8) [MASS=71709]	*	6.53	*	*	*	2	3	DKEEQNLEAYIKNGQLFYR	1
							3	DEELLVWYGKELTELLLLC[330]PSRSHNK	1
PREX1_HUMAN (Q8TCU6) Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (P-Rex1 protein) [MASS=186203]	*	2.59	*	*	*	3	2	APGAAAPSSSGPGPC[330]AAARESER	1
							2	LYHM[147]M[147]M[147]NKK	1
							2	LPSRLEGGASLR	1
PRI2_HUMAN (P49643) DNA primase large subunit (EC 2.7.7.-) (DNA primase 58 kDa subunit) (p58) [MASS=58806]	*	6.68	*	*	*	2	3	GIGLTLEQALQFWKQEFIK	1
							3	DIKKEPIQPETPQPK	1
PRI0_HUMAN (P04156) Major prion protein precursor (PrP) (PrP27-30) (PrP33-35C) (ASCR) (CD230 antigen) [MASS=27661]	0.66	15.02	0.48	0.00	1	2	2	HMAGAAAAGAVVGGLGGYM[147]LGSAM[147]SR	1
							2	VVEQMC[330]ITQYER	1
PROD_HUMAN (Q43272) Proline oxidase, mitochondrial precursor (EC 1.5.3.-) (Proline dehydrogenase) [MASS=59216]	0.00	11.82	0.49	0.00	1	3	2	EMESC[330]SSAAERDGS GTNKR	1
							2	ALENSSLMK	1
							2	C[330]FFHQM[147]AVEQGQAGLAAM[147]DTKLEVAVLQESVAK	1
PRP16_HUMAN (Q92620) Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16 (EC 3.6.1.-) (ATP-dependent RNA helicase DHX38) (DEAH box protein 38) [MASS=140502]	0.00	1.30	1.74	0.00	1	1	3	LEGTDLDC[339]QVGGLIC[339]K	1
PRPS1_HUMAN (P60891) Ribose-phosphate pyrophosphokinase I (EC 2.7.6.1) (Phosphoribosyl pyrophosphate synthetase I) (PRS-I) (PPRibP) [MASS=34703]	*	3.15	*	*	*	1	2	M[147]VLVGDVKDR	1
PRR11_HUMAN (Q96HE9) Proline-rich protein 11 [MASS=40085]	*	5.00	*	*	*	1	3	ENMETGTGLTPVM[147]TQALR	1
PSD13_HUMAN (Q9UNM6) 26S proteasome non-ATPase regulatory subunit 13 (26S proteasome regulatory subunit S11) (26S proteasome regulatory subunit p40.5) [MASS=42918]	*	8.24	*	*	*	2	2	RVHM[147]TWVQPRVLDLQQIK	1
							3	VLDLQQIKGMKDR	1

PSD1_HUMAN (Q99460) 26S proteasome non-ATPase regulatory subunit 1 (26S proteasome regulatory subunit RPN2) (26S proteasome regulatory subunit S1) (26S proteasome subunit p112) [MASS=105836]	*	5.46	*	*	*	2	3	DAVRNSVC[330]HTATVIANSFM[147]HC[330]GTTSDQFLR	1
							2	KEPEPNFQLLDNPARVM[147]PAQLK	1
PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP-like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	*	4.73	*	*	*	2	3	GLLIVSRERLVPPGGNK	1
							2	EPGSPAEEGR	1
PTN18_HUMAN (Q99952) Tyrosine-protein phosphatase non-receptor type 18 (EC 3.1.3.48) (Brain-derived phosphatase) [MASS=50384]	*	9.17	*	*	*	2	3	LEARGGREGAVLAGEFSDIQAC[330]SAAWK	1
							2	LVWEEFGVKVILM[147]AC[330]R	1
PTN7_HUMAN (P35236) Tyrosine-protein phosphatase non-receptor type 7 (EC 3.1.3.48) (Protein-tyrosine phosphatase LC-PTP) (Hematopoietic protein-tyrosine phosphatase) (HEPTP) [MASS=40529]	0.00	25.00	0.28	0.00	1	4	2	RGSNVALMLDVRS LGAVEPIC[339]SVNTPR	1
							3	HILFSAWPDHQT PESAGPLL R	1
							3	MVQAHGGRSRAQPLTSLGAAM[147]TQPPPEK	1
							2	IQDM[147]KEC[330]PEYTVR	1
PTPRS_HUMAN (Q13332) Receptor-type tyrosine-protein phosphatase S precursor (EC 3.1.3.48) (R-PTP-S) (Protein-tyrosine phosphatase sigma) (R-PTP-sigma) [MASS=217093]	*	1.95	*	*	*	2	3	SETFESTPIRGALQIESSEETDQ GK	1
							2	SATIVM[147]MTRLEEK	1
PTPRU_HUMAN (Q92729) Receptor-type tyrosine-protein phosphatase U precursor (EC 3.1.3.48) (R-PTP-U) (Protein-tyrosine phosphatase J) (PTP-J) (Pancreatic carcinoma phosphatase 2) (PCP-2) [MASS=160227]	*	3.43	*	*	*	2	3	QSGALVPAGAFGTSATGFLATFPLAAVSRAEQDLYR	1
							3	QEPM[147]PAYDRHRVK	1
PURA_HUMAN (Q00577) Transcriptional activator protein Pur-alpha (Purine-rich single-stranded DNA-binding protein alpha) [MASS=34911]	1.00	4.35	1.16	0.01	2	2	2	FGHTFC[339]K	1
							2	YSEEMKK	1
							2	FGHTFC[330]K	1
PUS3_HUMAN (Q9BZE2) tRNA pseudouridine synthase 3 (EC 5.4.99.-) (tRNA-uridine isomerase 3) (tRNA pseudouridylylase 3) [MASS=55615]	0.00	18.09	0.61	0.00	1	4	2	PSVIKQTS AFVEGVKMR	1
							3	THM[147]LYSM[147]LQGLDTPVPVC[330]GIGPKM[147]DGMT EWGNVK	1
							2	M[147]ADNDTDRNQTEKLLK	1
							2	ILAWAPVEPSFSARFSC[330]LER	1

PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	*	4.98	*	*	*	1	3	LLVSTQLSHC[339]R	2
PYR1_HUMAN (P27708) CAD protein [Includes: Glutamine-dependent carbamoyl-phosphate synthase (EC 6.3.5.5); Aspartate carbamoyltransferase (EC 2.1.3.2); Dihydroorotase (EC 3.5.2.3)] [MASS=242982]	0.00	2.65	1.61	0.00	1	3	2 C[339]GSRPPPGFPGLETM[147]LPLLLTAVSEGR 2 IDRWFLHR 2 IGSC[339]M[147]KSVGEVM[147]GIGRSFEEAFQK	1 1 1	
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	0.92	2.74	1.03	0.00	1	1	2 ALIHSAC[339]VK	1	
R113A_HUMAN (O15541) RING finger protein 113A (Zinc finger protein 183) [MASS=38787]	0.00	5.83	4.55	0.00	1	1	3 TTPRC[339]YVC[339]DQQTNGVFNPAK	1	
R51A1_HUMAN (Q96B01) RAD51-associated protein 1 (RAD51-interacting protein) [MASS=38457]	*	5.68	*	*	*	2	3 ITVEDDVGGVQGK 1 VKSPVEK	1 1	
RAB1A_HUMAN (P62820) Ras-related protein Rab-1A (YPT1-related protein) [MASS=22546]	0.30	2.94	0.75	0.00	1	1	2 C[330]DLTTK	1	
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	12.50	0.69	0.10	3	2	2 YLEC[339]SALTQR 2 HHC[330]PNTPIILVGTK 2 HHC[339]PNTPIILVGTK	1 1 1	
RAF1_HUMAN (P04049) RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.11.1) (Raf-1) (C-RAF) (cRaf) [MASS=73051]	*	4.32	*	*	*	2	3 GQRDSSYYWEIEASEVMLSTR 2 MRESVSR	1 1	
RAG1_HUMAN (P15918) V(D)J recombination-activating protein 1 (RAG-1) (RING finger protein 74) [MASS=119115]	*	4.03	*	*	*	3	3 PSLEQSPAVLDK 3 EEGGDVKSVVC[339]M[147]TLFLLALR 2 RYPVHGPDVGK	1 1 2	
RAI14_HUMAN (Q9P0K7) Ankycorbin (Ankyrin repeat and coiled-coil structure-containing protein) (Retinoic acid-induced protein 14) (Novel retinal pigment epithelial cell protein) [MASS=110041]	0.53	3.78	2.36	0.00	1	2	3 TALMLAC[330]EIGSSNAVEALIK 2 ISNLKEHLASKEVEVAK	1 1	

RAI1_HUMAN (Q7Z5J4) Retinoic acid-induced protein 1 [MASS=203351]	*	2.83	*	*	*	3	3 2 2	GC[339]LHTYHYPC[339]ASDAGC[339]IFIEENFSLK HC[339]C[330]STADFGDLPLLPPTSR TSARGLSRR	1 1 1
RANB9_HUMAN (Q96S59) Ran-binding protein 9 (RanBP9) (RanBP7) (Ran-binding protein M) (RanBPM) (BPM90) (BPM-L) [MASS=77847]	0.00	1.78	1.82	0.00	1	1	3	RQLC[339]GGSQAAIER	1
RASF7_HUMAN (Q02833) Ras association domain-containing protein 7 (HRAS1-related cluster protein 1) [MASS=39945]	*	9.92	*	*	*	2	2 3	M[147]LLGLAAMELKVWVDGIQR EESLLGAPSESHAGAQPR	1 1
RASH_HUMAN (P01112) GTPase HRas precursor (Transforming protein p21) (p21ras) (H-Ras-1) (c-H-ras) [MASS=21298]	0.99	7.94	1.01	0.00	1	1	2	TGEGFLC[330]VFAINNTK	1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	*	2.26	*	*	*	3	3 2 1	WC[339]C[339]FVM[147]LHADQDGEKLQALLR LVSSQEQR VPLGTK	1 1 1
RBL1_HUMAN (P28749) Retinoblastoma-like protein 1 (107 kDa retinoblastoma-associated protein) (PRB1) (P107) [MASS=120846]	*	4.31	*	*	*	2	2 2	VKSFALKYDLANQDHMM[147]DAPPLSPFPHIK IWTC[339]FEFTLVHC[339]PDLMK	1 1
RBL2_HUMAN (Q08999) Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associated protein) (PRB2) (P130) (RBR-2) [MASS=128356]	0.00	5.62	1.22	0.00	1	4	2 2 3 3	LGDMDSLGLQDAFHR KIWTC[339]FEFSIIQC[339]PELMMDR C[339]LNAGSGTETAER C[339]SEQSLIEFFNKMK	1 1 1 1
REC8L_HUMAN (O95072) Meiotic recombination protein REC8-like 1 (Cohesin Rec8p) [MASS=62613]	*	2.74	*	*	*	1	2	MLEIEGERELPEVSR	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	*	2.03	*	*	*	1	3	TPSPGDTPSMYC[339]EAK	1
RELN_HUMAN (P78509) Reelin precursor (EC 3.4.21.-) [MASS=388399]	0.00	4.77	2.54	0.00	1	7	3 3 2 3 2 2 3	C[330]GILSSGNNLFFNEDGLRM[147]LMTR YVETQSM[147]QIGASYM[147]IQFSLVM[147]GC[339]GQK LASSM[147]RYVETQSMQIGASYM[147]IQFSLVM[147]GC[330]GQK SGWARQTFLALLLGATLRAR PRYAETWDFHVSASTFLQFEM[147]SM[147]GC[339]SK QAVTQDLDLRGAK YISVRHDYILLPEDALTNTTRLR	1 1 1 1 1 1 1

REM1_HUMAN (O75628) GTP-binding protein REM 1 (Rad and Gem-like GTP-binding protein 1) (GTPase-regulating endothelial cell sprouting) [MASS=32947]	*	10.07	*	*	*	1	2	AC[339]AVVFDC[330]KFIETSATLQHNVAELFEGVVR	1
RFC5_HUMAN (P40937) Replication factor C subunit 5 (Replication factor C 36 kDa subunit) (RF-C 36 kDa subunit) (RFC36) (Activator 1 36 kDa subunit) (A1 36 kDa subunit) [MASS=38496]	0.00	11.76	*	*	*	2	2	LVILDEADAM[147]TQDAQNALR	1
							3	VDISEDGMKALVTLSGDMRR	1
RFWD2_HUMAN (Q8NH2) Ring finger and WD repeat domain protein 2 (EC 6.3.2.-) (Ubiquitin-protein ligase COP1) (Constitutive photomorphogenesis protein 1 homolog) (hCOP1) [MASS=80474]	0.00	9.44	0.28	0.00	1	3	3	RC[330]WSVDFNLMDPKLLASGSDDAK	1
							3	RPLLAPLC[339]NGLINSYEDK	1
							2	IKVYEYDTVIQDAVDIHYENEMTC[330]NSK	1
RGN_HUMAN (Q15493) Regucalcin (RC) (Senescence marker protein 30) (SMP-30) [MASS=33253]	0.00	13.38	0.23	0.00	1	2	2	LEKEEQIPDGM[147]C[339]IDAEGK	1
							3	C[330]GESPVWEEVSNSLLFVDIPAK	2
RGS12_HUMAN (O14924) Regulator of G- protein signaling 12 (RGS12) [MASS=156356]	*	1.66	*	*	*	1	2	DC[330]VSNNLSNANSLPSVQSC[339]RRLR	1
RHG07_HUMAN (Q96QB1) Rho-GTPase- activating protein 7 (Rho-type GTPase- activating protein 7) (Deleted in liver cancer 1 protein) (Dlc-1) (HP protein) (StAR-related lipid transfer protein 12) (StARD12) (START domain- containing protein 12) [MASS=122826]	*	1.74	*	*	*	2	1	SSHHSK	1
							2	TGSFHGPGHISLR	1
RHG12_HUMAN (Q8IWW6) Rho-GTPase- activating protein 12 [MASS=96254]	*	6.38	*	*	*	2	3	PC[330]FPENESSPSPKHQDTASSPKDQEK	1
							3	FAVNHDEKLDLNDKWEIHVITGALK	1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	1.00	11.92	0.79	0.00	2	2	2	HFC[339]PNVPPIILVGNK	1
							1	TC[330]LLIVFSK	1
							2	HFC[330]PNVPPIILVGNK	1
RHOB_HUMAN (P62745) Rho-related GTP- binding protein RhoB precursor (H6) [MASS=22123]	1.00	13.27	0.61	0.07	2	2	2	IQAYDYLEC[330]SAK	1
							2	HFC[330]PNVPPIILVANK	1
RHOQ_HUMAN (P17081) Rho-related GTP- binding protein RhoQ (Ras-related GTP-binding protein TC10) [MASS=22659]	0.00	16.10	0.86	0.00	1	1	3	TC[330]LLMSYANDAFPEEYVPTVFDHYAVSVTVGGK	1
RIF1_HUMAN (Q5UIP0) Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog) [MASS=274464]	*	1.82	*	*	*	2	2	TETLALTKEVWWYLLM[147]JR	1
							2	VTESNLEKAKTM[147]ELNVGNEASFHGQER	1

RIMS1_HUMAN (Q86UR5) Regulating synaptic membrane exocytosis protein 1 (Rab3-interacting molecule 1) (RIM 1) [MASS=189071]	0.00	2.30	0.43	0.00	1	2	2 3	SC[330]DNVSAKSSSDVSDVSAISR STIQRSTETGMAAEMRK	1 1
RINT1_HUMAN (Q6NUQ1) RAD50-interacting protein 1 (RAD50 interactor 1) (Protein RINT-1) (HsRINT-1) [MASS=90631]	0.00	7.45	3.54	0.00	1	3	3 2 3	LATDIPC[339]LLYDDNLFC[330]HLVDEVLLFER EAC[339]IVLNLNVGSALLK DLVDDFRIRLTQVM[147]K	1 2 1
RL11_HUMAN (P62913) 60S ribosomal protein L11 (CLL-associated antigen KW-12) [MASS=20121]	0.86	4.52	1.28	0.00	1	1	2	IAVHC[339]TVR	1
RL18A_HUMAN (Q02543) 60S ribosomal protein L18a [MASS=20762]	1.00	12.50	0.77	0.02	2	3	2 1 2 2	C[339]HTPPLYR ASGTLR C[330]HTPPLYR AHSIQIMK	1 1 1 1
RL1D1_HUMAN (O76021) Ribosomal L1 domain-containing protein 1 (Cellular senescence-inhibited gene protein) (Protein PBK1) (CATX-11) [MASS=54972]	0.00	8.98	0.36	0.00	1	3	2 2 2	KALPASETPKAAESETPGK EQVRKAVDALLTHC[330]K AVDALLTHC[330]K	1 1 1
RL9_HUMAN (P32969) 60S ribosomal protein L9 [MASS=21863]	0.78	5.73	1.50	0.00	1	1	2	TIC[339]SHVQNM[147]IK	1
RLP24_HUMAN (Q9UHA3) Probable ribosome biogenesis protein RLP24 (Ribosomal protein L24-like) [MASS=19621]	*	7.36	*	*	*	1	3	ELTVDNSFEFEK	1
RM03_HUMAN (P09001) Mitochondrial 39S ribosomal protein L3 (L3mt) (MRP-L3) [MASS=38632]	0.00	14.66	*	*	*	2	2 2	MPGWRLLTQVGAQVLGRLGDGLGAALGPGR VGLIALKLGM[147]MPLWTKDGQK	1 1
RN168_HUMAN (Q8IYW5) RING finger protein 168 [MASS=65020]	0.00	8.23	0.33	0.00	1	4	2 2 2 3	ASLC[339]C[330]PFC[330]RR ELC[330]VLSHERPK SDPVTPEKSEK SQFGSASHSEAVQEV	1 1 1 1
RNF37_HUMAN (O94941) RING finger protein 37 (Ubiquitin-conjugating enzyme 7-interacting protein 5) (U-box domain-containing protein 5) [MASS=58965]	*	12.94	*	*	*	3	3 3 2	M[147]KATNEPSLTHM[147]DC[339]STGPLSHEQK PPFGAM[147]EATLPSPAVVAQELWNKGALSLSHVAHLR SLPMTTC[330]TAC[330]QR	1 1 1
ROCK1_HUMAN (Q13464) Rho-associated protein kinase 1 (EC 2.7.11.1) (Rho-associated, coiled-coil-containing protein kinase 1) (p160 ROCK-1) (p160ROCK) (NY-REN-35 antigen) [MASS=158174]	*	6.57	*	*	*	4	2 3 3 2	YLSSANPNDRNRTSSNADKSLQESLQK AKLLDLSDESTSVASFPSAETDGNLPESR EAQDMLNHSEKEKNLEIDLNYK TESDTAVRLRK	1 1 1 1

RP1_HUMAN (P56715) Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein) (Retinitis pigmentosa 1 protein) [MASS=240660]	0.00	1.86	1.28	0.00	1	3	3	TLELIDISSKNIM[147]EEK	1
							2	INTKGRITK	1
							2	RLATPPSLDFC[339]YDSK	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	0.50	*	*	*	1	1	FGLAKMK	1
RPGF6_HUMAN (Q8TEU7) Rap guanine nucleotide exchange factor 6 (PDZ domain-containing guanine nucleotide exchange factor 2) (PDZ-GEF2) (RA-GEF-2) [MASS=179406]	*	5.31	*	*	*	4	2	ESQLSMLQLSTIEVATQLSM[147]R	2
							3	QVVRMTSANM[147]DPAMMFRQR	1
							2	ARYERYSGNQVLFC[330]SETIAR	1
							3	TKVDDC[339]QFVC[339]IAQQDYWRILNHVEK	1
RPGR1_HUMAN (Q96KN7) X-linked retinitis pigmentosa GTPase regulator-interacting protein 1 (RPGR-interacting protein 1) [MASS=146679]	0.00	4.28	1.50	0.00	1	2	3	YPKADSEKM[147]C[330]IEIVSLAFYPEAEVMSDENIK	1
							2	DVAYGTRPLSLC[339]LETLPAGHGEDK	1
RPP29_HUMAN (O95707) Ribonuclease P protein subunit p29 (EC 3.1.26.5) (hPOP4) [MASS=25425]	0.00	7.27	0.54	0.00	1	1	2	C[330]PSYVGITGILLQETK	1
RS2_HUMAN (P15880) 40S ribosomal protein S2 (S4) (LLRep3 protein) [MASS=31324]	*	6.83	*	*	*	1	3	AFVAIGDYNGHVGLGVKC[339]SK	2
RS3A_HUMAN (P61247) 40S ribosomal protein S3a [MASS=29814]	0.99	5.32	1.32	0.00	1	1	2	AC[339]QSIYPLHDVFVR	1
RSF1_HUMAN (Q96T23) Remodeling and spacing factor 1 (Rsf-1) (Hepatitis B virus X-associated protein) (HBV pX-associated protein 8) (p325 subunit of RSF chromatin remodelling complex) [MASS=163004]	*	1.40	*	*	*	1	3	LNDLSDSNLDEEESEDEFK	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.99	9.54	0.49	0.00	1	3	2	DHLLLEESTFAPYIDDLSEEQRRAPQITTPVK	1
							2	QSPVAMETASTGVAGVSSAMDHTFSTTSK	1
							2	YTDC[330]LQFYVNSTLK	1
RUVB1_HUMAN (Q9Y265) RuvB-like 1 (EC 3.6.1.-) (49 kDa TATA box-binding protein-interacting protein) (49 kDa TBP-interacting protein) (TIP49a) (Pontin 52) (Nuclear matrix protein 238) (NMP 238) (54 kDa erythrocyte cytosolic protein) (ECP-54) (TIP60-associ [MASS=50228]	0.00	3.73	0.45	0.00	1	1	2	VPFC[330]PM[147]VGSEVYSTEIK	1

S19A1_HUMAN (P41440) Folate transporter 1 (Solute carrier family 19 member 1) (Placental folate transporter) (FOLT) (Reduced folate carrier protein) (RFC) (Intestinal folate carrier) (IFC-1) [MASS=64868]	0.00	2.88	0.55	0.00	1	1	2	HC[330]QRGHHPRQPPAQGLR	1
S27A4_HUMAN (Q6P1M0) Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4) [MASS=72064]	0.00	7.47	0.81	0.00	1	3	2	YNC[330]TIVQYIGELC[330]R	1
							1	DRTGDTFR	1
							3	NEFVGLWLGMALGVEAALINTNLRR	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	*	3.08	*	*	*	7	3	NHPSVSWLKM[147]VWK	1
							3	LDNC[339]TM[147]FRFPLRNAEMAK	1
							2	LPADLRLSISVIDSSDEATIRLANMLK	1
							2	SIYEFLSAEK	1
							2	IVSSLDLYK	1
							3	RLGLVPC[330]GAVGVQLSEIQDQKWTVK	1
							2	GGVAAC[339]ITHNYKKPHR	1
							2	THFFLNAGNLC[330]NLNYGEGPK	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	10.02	1.55	0.02	7	3	2	IC[339]DGVQFGAGIR	1
							2	THFFLNAGNLC[339]NLNYGEGPK	2
							2	TKDDIIIC[339]EIGDVFK	1
							2	TKDDIIIC[330]EIGDVFK	1
							2	IC[330]DGVQFGAGIR	1
SAPS3_HUMAN (Q5H9R7) SAPS domain family member 3 (Sporulation-induced transcript 4-associated protein SAPL) (Protein phosphatase 6 regulatory subunit 3) [MASS=97669]	*	2.18	*	*	*	1	3	EDVTLKELMDEEDVLQEC[330]K	1

							1	GC[339]SFLPDPYQK	1
							3	LGPGMADIC[330]KNYISQYSEIAIQM[147]M[147]M[147]HMQPK	1
							3	QC[339]DQFVAEYEPVLIEILVEVM[147]DPSFVC[339]LK	2
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	27.10	1.72	0.03	10	6	3	QC[339]DQFVAEYEPVLIEILVEVMDPSFVC[339]LK	1
							2	GC[339]SFLPDPYQK	3
							3	PGEVC[339]SALNLC[339]ESLQK	1
							3	TNSTFVQALVEHVKEEC[339]DRLGPGMADIC[339]K	1
							2	SKPQPKDNGDVC[339]QDC[339]IQMVTDIQTAVR	1
							2	GC[330]SFLPDPYQK	1
							1	GC[330]SFLPDPYQK	2
SAR1A_HUMAN (Q9NR31) GTP-binding protein SAR1a (COPII-associated small GTPase) [MASS=22367]	*	3.54	*	*	*	1	2	WLSQYID	1
SATB1_HUMAN (Q01826) DNA-binding protein SATB1 (Special AT-rich sequence-binding protein 1) [MASS=85956]	0.00	8.26	1.19	0.00	1	3	2	AGISQAVFARVAFNRTQGLLSEILR	1
							3	MQGVPLKHSGHLM[147]KTNLR	1
							3	SQGWLC[339]ELLRWKEDPSPENR	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	2.07	0.42	0.15	4	1	2	C[339]IEENNGVDKR	1
							2	C[330]IEENNGVDKR	3
SBP1_HUMAN (Q13228) Selenium-binding protein 1 [MASS=52313]	0.92	4.03	1.21	0.00	1	2	2	DGLIPLEIR	1
							2	SPQYC[330]QVIHR	1
SCN4A_HUMAN (P35499) Sodium channel protein type 4 subunit alpha (Sodium channel protein type IV subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.4) (Sodium channel protein, skeletal muscle subunit alpha) (SkM1) [MASS=208031]	0.00	2.51	0.37	0.00	1	3	3	VLIHALFSMFIM[147]ITILTNC[330]VFM[147]TM[147]SDPPPWSK	1
							2	EGLLANTMSK	1
							1	C[330]AHK	1
SCN5A_HUMAN (Q14524) Sodium channel protein type 5 subunit alpha (Sodium channel protein type V subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.5) (Sodium channel protein, cardiac muscle alpha-subunit) (HH1) [MASS=227161]	0.00	2.73	0.73	0.00	1	3	3	KNSTVDC[330]NGVVSLLGAGDPEATSPGSHLLR	1
							3	RKHEEVSAM[147]VIQR	1
							1	QQESQPVSGWPR	1

								3	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	4
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	14.04	1.63	0.05	12	5		2	STGC[339]DFAVSPK	1
								3	DIPDGATVLVGGFGLC[330]GIPENLIDALLK	2
								1	C[330]TLPLTGK	1
								1	C[339]TLPLTGK	2
								2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	2
SCP DH_HUMAN (Q8NBX0) Probable saccharopine dehydrogenase (EC 1.5.1.9) [MASS=47151]	0.98	6.53	1.68	0.00	1	1		2	MVKGMGGAMD LVSSAKTK	1
								2	NFN LPM[147]C[339]K	1
								3	LGRPTLSSEVGIIC[339]DIANPASLDEMAK	1
								2	Q EESITVQTMMN TLR	1
								2	SSPC[330]IHYFTGTPDPSR	1
SCR N1_HUMAN (Q12765) Secernin-1 [MASS=46382]	1.00	7.49	0.78	0.00	2	2		2	SSPC[339]IHYFTGTPDPSR	1
								2		
								2	M[147]MSGEPLHVK	1
								2	M[147]DSAQPSGSFKIRGIGHFC[339]K	1
SDHL_HUMAN (P20132) L-serine dehydratase (EC 4.3.1.17) (L-serine deaminase) [MASS=34702]	0.00	9.15	2.49	0.00	1	2		2	ALPFHPKDIMGAFSHSEM QMINQYC[339]K	1
								2		
SEM3C_HUMAN (Q99985) Semaphorin-3C precursor (Semaphorin E) (Sema E) [MASS=85207]	0.00	3.46	2.02	0.00	1	1		2		
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	*	2.19	*	*	*	1		3	DHIFLLSLVDLNKNFKK	1
SEM5B_HUMAN (Q9P283) Semaphorin-5B precursor [MASS=119866]	0.00	4.85	0.09	0.00	1	3		2	RSC[339]QSKGK	1
								3	NTPWTPWLPVNVTQGGARQEQR	1
								3	VFM[147]C[330]GTNAFSPMC[330]TSRQVGNLSR	1
								2	DVTC[330]DVHYENYR	1
								2	DVTC[339]DVHYENYRAHC[339]IQQMTSK	1
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	1.00	14.91	1.56	0.27	4	4		2	ADC[330]LVPSEIRK	1
								2	AHC[330]IQQM[147]TSK	1
								2	NLEGYVGFANLPNQVYRK	1
								3	IKIYEFPETDDEENK	1
								2	ADTLTPEEC[339]QQFKK	2
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	0.99	13.73	1.06	0.00	2	4		2	QIM[147]KEIQEHKIK	1
SEPT8_HUMAN (Q92599) Septin-8 [MASS=55625]	0.99	4.15	0.96	0.00	1	1		2	SVTQGF SFNILC[339]VGETGIGK	1

SERB_HUMAN (P78330) Phosphoserine phosphatase (EC 3.1.3.3) (PSP) (O-phosphoserine phosphohydrolase) (PSPase) (L-3-phosphoserine phosphatase) [MASS=25008]	0.00	24.89	0.82	0.00	1	3	2	SIVEHVASKLNIPATNVFANRLK	1
							2	IC[330]GVEDAVSEM[147]TRRAMGGAVPFK	1
							2	RAMGGAVPFK	1
SERC3_HUMAN (Q13530) Serine incorporator 3 (Tumor differentially expressed protein 1) [MASS=52580]	*	2.54	*	*	*	1	3	SC[330]NPNLM[147]SFITR	1
							3	SINSEVLKFSLDSQVNHMRK	1
							3	LNLFLRGNLSLWQLTSQETHELQSC[330]LK	1
							2	IAGLSKSLETSSALSPSLK	1
SETX_HUMAN (Q7Z333) Probable helicase senataxin (EC 3.6.1.-) (SEN1 homolog) [MASS=302951]	*	7.13	*	*	*	8	3	PVGEMKNSC[339]NVLHPQSPNNSNRQGC[339]K	1
							3	QTEAIRC[330]SSDWPFQPYLVFDVGDGSER	1
							3	YEM[147]FLNFGQC[330]GPPASLC[339]QSI SRPVPR	1
							2	MHPDIC[339]LFPSNYVYNRNLK	1
							3	LSLLAQASVITFPSDSPQNSSLQR	1
SF01_HUMAN (Q15637) Splicing factor 1 (Zinc finger protein 162) (Transcription factor ZFM1) (Zinc finger gene in MEN1 locus) (Mammalian branch point-binding protein mBBP) (BBP) [MASS=68198]	0.00	4.23	1.46	0.00	1	2	3	HNLITEMVALNPDFK	1
							2	C[339]GGAGHIASDC[339]K	1
SF3A1_HUMAN (Q15459) Splicing factor 3 subunit 1 (Spliceosome-associated protein 114) (SAP 114) (SF3a120) [MASS=88886]	*	1.01	*	*	*	1	2	NYQFDFLR	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.00	5.92	1.50	0.00	1	1	2	FVPFAAVAAANC[339]JINIPLMR	1
SFXN3_HUMAN (Q9BWM7) Sideroflexin-3 [MASS=35503]	0.00	8.10	*	*	*	1	2	QRELQVGIPVADEAGQRLGYSVTAAK	1
							3	EPNAEC[339]M[147]NQIEDNDDFQLQK	1
							3	VPLTSNDDDEDKEKMQC[339]DNNIK	2
SGOL2_HUMAN (Q562F6) Shugoshin-like 2 (Tripin) [MASS=144738]	0.00	6.72	1.09	0.00	2	4	3	ELQIPALSTRDNENQC[339]DYR	1
							2	DKETISENLQVTNEFQTVDLLIK	1
SHOC2_HUMAN (Q9UQ13) Leucine-rich repeat protein SHOC-2 (Ras-binding protein Sur-8) [MASS=64888]	0.00	4.64	0.47	0.00	1	1	3	QLPAEIGELC[330]NLITLDVAHNQLEHLPK	1

SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I [MASS=54812])	1.00	6.76	0.35	0.20	7	2	2	ATPQHTVSFTC[330]ESHGFSR	2
							3	ATPQHTVSFTC[330]ESHGFSR	1
							2	ATPQHTVSFTC[339]ESHGFSR	2
							2	LTC[339]QVEHDGQPAVSK	1
							2	LTC[330]QVEHDGQPAVSK	1
SIDT1_HUMAN (Q9NXL6) SID1 transmembrane family member 1 precursor [MASS=93866]	*	1.09	*	*	*	1	2	SPRQPPAPR	1
SIM2_HUMAN (Q14190) Single-minded homolog 2 [MASS=73218]	0.00	4.95	1.55	0.00	1	1	3	AAPEC[339]C[339]APPTPEAPGAPQLPFVLLNYHRVLAR	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.99	8.29	0.34	0.18	2	2	3	ATPEHTVSFTC[330]ESHGFSR	1
							3	GLQLTWLENGNVS	1
							2	ATPEHTVSFTC[330]ESHGFSR	1
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.99	5.66	0.85	0.00	1	1	3	C[330]EDC[330]QSLVKPDIVFFGESLPAR	1
SIVA_HUMAN (O15304) Apoptosis regulatory protein Siva (CD27-binding protein) (CD27BP) [MASS=18695]	*	14.86	*	*	*	1	2	LIRSLGQASEADPSGVASIAC[330]SSC[339]VR	1
SKIV2_HUMAN (Q15477) Helicase SKI2W (EC 3.6.1.-) (Helicase-like protein) (HLP) [MASS=137798]	*	1.77	*	*	*	1	3	TDPWLLAVLGAPVPSDLQAQR	1
SLIT1_HUMAN (O75093) Slit homolog 1 protein precursor (Slit-1) (Multiple epidermal growth factor-like domains 4) [MASS=167924]	*	3.46	*	*	*	3	2	GAFDDM[147]KELERLR	1
							3	EQYFIPGTEDYQLNSEC[339]NSDVVC[339]PHK	1
							2	GLDGLRTLMLRNNR	1
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	0.00	1.18	11.36	0.00	1	1	2	NLQLDYNQISC[339]IEDGAFR	1
SLUR1_HUMAN (P55000) Secreted Ly-6/uPAR-related protein 1 precursor (SLURP-1) (ARS component B) (ARS(Component B)-81/S) (Anti-neoplastic urinary protein) (ANUP) [MASS=11186]	*	14.56	*	*	*	1	2	EPM[147]TSASC[339]RTITRC[339]K	1
SMBT2_HUMAN (Q5VUG0) Scm-like with four MBT domains protein 2 [MASS=100562]	*	5.37	*	*	*	2	2	KIAVVQPEKQLPPTVPVK	1
							3	NNPDYVWATIITTC[330]GQLLLRYC[330]GYGEDR	1

2 GYEYC[339]R 10

SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]

* 3.59 * * * 4

2 TAM[147]EFQR 1
3 LFELLEKEILYYR 1
2 IQYGTSKGK 1
2 RLC[330]GLKVEVDM[147]EK 6

SMCE1_HUMAN (Q969G3) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 (BRG1-associated factor 57) [MASS=46649]

0.00 8.76 0.16 0.62 3 2

3 GEPYM[147]SIQPAEDPDDYDDGFSM[147]K 1

SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]

* 4.86 * * * 2

2 EYNVNDDSMKLGNNNTSEKADGLSK 1
3 RVESIQC[330]FQNTTEAGSPTIM[147]LLSLK 1

SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]

0.00 3.80 0.16 0.00 1 2

2 VHVKWILDTDIFNEWM[147]NEEDYEVDENRK 1
2 LNPQEYLTSTAC[330]JRR 1

SMYD5_HUMAN (Q6GMV2) SET and MYND domain-containing protein 5 (Protein NN8-4AG) [MASS=47340]

0.00 7.66 0.17 0.00 1 1

3 LAATEQYHQVLC[330]PGPSQDDPLHPLNKLQEAWR 1

SN1L1_HUMAN (P57059) Serine/threonine-protein kinase SNF1-like kinase 1 (EC 2.7.11.1) (Serine/threonine-protein kinase SNF1LK) [MASS=84902]

0.00 2.68 0.92 0.00 1 1

3 VLEGRFRIPFFM[147]SQDC[330]ESLIR 1

SNAH_HUMAN (P54920) Alpha-soluble NSF attachment protein (SNAP-alpha) (N-ethylmaleimide-sensitive factor attachment protein, alpha) [MASS=33247]	0.85	10.85	0.85	0.00	1	2	3	LLEAHEEQNVDSYTESVK	1
							2	AALC[330]HFC[330]IDM[147]LNAK	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	8.05	0.96	0.02	3	2	2	AALC[339]HFIVDELNAK	1
							2	AALC[330]HFIVDELNAK	1
							2	IEEAC[330]EM[147]YTR	1
SNG3_HUMAN (O43761) Synaptogyrin-3 [MASS=24555]	0.98	21.40	0.68	0.00	1	2	2	C[330]VFNGNAGAC[330]R	1
							2	TAPGPATTQAGDAARAAIAFSFFSILSWVALTVKALQR	1
							2	MRC[330]WRVTSSVPLPSGSTSSPGR	1
SNX17_HUMAN (Q15036) Sorting nexin-17 [MASS=52901]	0.00	20.00	0.31	0.00	1	4	2	VLNVNLTSDQTEDVLEAVAAK	1
							3	DC[330]PVVVSAGNSELSLQLRLPGQQLREGSFR	1
							3	KLQEFELPYVSVTSLRSQEYK	1
SNX27_HUMAN (Q96L92) Sorting nexin-27 [MASS=50880]	*	11.72	*	*	*	2	3	WVKIFTYPYFNYM[147]HEC[339]FER	1
							3	VGMDSTTVNYFALFEVISHSFVRKLAPNEFPKH	1
SNX6_HUMAN (Q9UNH7) Sorting nexin-6 (TRAF4-associated factor 2) [MASS=46648]	*	3.69	*	*	*	1	3	EKLQKLGELEGSM[147]TK	1
SO1C1_HUMAN (Q9NYB5) Solute carrier organic anion transporter family member 1C1 (Solute carrier family 21 member 14) (Organic anion transporter F) (OATP-F) (Organic anion-transporting polypeptide 14) (Organic anion transporter polypeptide-related protein) [MASS=78696]	0.00	5.34	0.82	0.00	1	2	3	QPC[339]C[330]GELK	1
							3	IIGAGC[330]VIM[147]GVGTLLIAM[147]PQFFM[147]EQYKYER	1
SOCS5_HUMAN (O75159) Suppressor of cytokine signaling 5 (SOCS-5) (Cytokine-inducible SH2-containing protein 5) (Cytokine-inducible SH2 protein 6) (CIS-6) [MASS=61246]	*	3.17	*	*	*	1	2	NISIGDSTPQQQSSPLR	1
SODC_HUMAN (P00441) Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) [MASS=15804]	0.99	21.57	0.70	0.00	1	1	3	GLTEGLHGFHVHEFGDNTAGC[339]TSAGPHFNPLSR	1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.99	10.10	0.84	0.00	1	1	3	C[339]LTQSGIAGGYKPFNLETC[339]R	1

SORL_HUMAN (Q92673) Sortilin-related receptor precursor (Sorting protein-related receptor containing LDLR class A repeats) (SorLA) (SorLA-1) (Low-density lipoprotein receptor relative with 11 ligand-binding repeats) (LDLR relative with 11 ligand-binding [MASS=248440])	0.00	1.67	2.49	0.00	1	3	2	PC[330]SLLC[339]LPKANNSRSC[339]R	1
							2	M[147]IPDSRLPPR	1
							3	EDYEC[339]DFGFK	1
							1	M[147]IPDSRLPPR	1
							1	DM[147]RLM[147]FR	1
							2	VTQRKDDSTWNSEVMM[147]R	1
							3	TPSTPRRVQTGAASPGHGIQEK	1
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	*	8.42	*	*	*	4	3	PKSDTVDFHC[330]SK	6
SPAG8_HUMAN (Q99932) Sperm-associated antigen 8 (Sperm membrane protein 1) (SMP-1) (HSD-1) (Sperm membrane protein BS-84) [MASS=44818]	*	7.04	*	*	*	1	2	SRSRSLDIQPSSEGLGPTSEFPSSDDSPR	1
SPAST_HUMAN (Q9UBP0) Spastin [MASS=67197]	*	3.90	*	*	*	1	3	PPPPC[330]LAPAPPAAGPAPPESPHK	1
							2	EGHTSVHTLNFHEYAVERVLGATKK	1
SPG7_HUMAN (Q9UQ90) Paraplegin (EC 3.4.24.-) (Spastic paraplegia protein 7) [MASS=88135]	0.00	11.45	2.13	0.00	1	5	3	MC[339]MALGGRASEALSFNEVTSGAQDDL	1
							3	AYRHTEKVLQDNLDK	1
							1	FLQLGAK	1
							2	APC[330]IVYIDEIDAVGKKR	2
SPON1_HUMAN (Q9HCB6) Spondin-1 precursor (F-spondin) (Vascular smooth muscle cell growth-promoting factor) [MASS=90973]	0.00	11.15	4.12	0.00	1	4	2	PGTSYRVTLAAPPYFR	1
							3	EEDHAGTFQIIDEETQFMSNC[339]PVAVTESTPR	1
							3	KLC[330]EQDSTFDGVTDKPILDC[339]C[339]AC[339]GTAK	1
							2	M[147]IKM[147]NPADGSM[147]C[339]K	1
SPRE2_HUMAN (Q7Z698) Sprouty-related, EVH1 domain-containing protein 2 (Spred-2) [MASS=47498]	*	6.70	*	*	*	1	3	AVVMTRDDSSGGWFPEGGGISRVGVC[330]K	1
SPT6H_HUMAN (Q7KZ85) Transcription elongation factor SPT6 (hSPT6) (Tat-cotransactivator 2 protein) (Tat-CT2 protein) [MASS=199071]	*	1.27	*	*	*	1	3	TQLVTMC[339]HMGPKVFM[147]NC[330]AGFLK	1

SPTA1_HUMAN (P02549) Spectrin alpha chain, erythrocyte (Erythroid alpha-spectrin) [MASS=279914]	*	2.94	*	*	*	4	2	M[147]VEEGHFAAEDVASRVKSLNQNM[147]ESLR	1
							2	TAAINADELPTDVAGGEVLLDR	1
							3	TKLG DYANLKQFYR	1
							1	NLAVMSDK	1
							1	EFSMMFK	1
SPTA2_HUMAN (Q13813) Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) [MASS=284537]	0.98	5.10	0.84	0.00	1	6	2	ALC[339]AEADRLQQSHPLSATQIQVK	1
							2	MTLVASEDYGDTLAAIQGLLK	1
							3	EAHDAFRSSLSSAQADFNQLAELDR	1
							3	LGESQTLQQFSRDVDEIEAWISEK	1
							3	ALC[330]AEADRLQQSHPLSATQIQVK	1
							2	FLSDFRDLMSWINGIRGLVSSDELAK	1
SPTB1_HUMAN (P11277) Spectrin beta chain, erythrocyte (Beta-I spectrin) [MASS=246189]	1.00	3.23	0.89	0.19	2	4	3	TQLVDTADKFRFFSMAR	1
							2	FFSM[147]ARDLLSWM[147]ESIIRQIETQER	1
							2	M[147]SHLEQC[339]FEELSNM[147]AAGAR	1
							2	IHC[330]LENVDK	1
SPTB2_HUMAN (Q01082) Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) [MASS=274629]	0.00	4.10	*	*	*	5	2	EKTKVIESTQDLGNDLAGVMALQR	1
							2	FFSM[147]VRDLMLWM[147]EDVIR	1
							3	LAEISDVWEEM[147]KTTLK	1
							2	HEAIETDIAAYEERVQAVAVAR	1
							2	FATDGE GYKPC[330]DPQVIR	1
SPTN2_HUMAN (O15020) Spectrin beta chain, brain 2 (Spectrin, non-erythroid beta chain 2) (Beta-III spectrin) [MASS=271293]	0.00	1.51	*	*	*	2	2	AQGSVAFDYR	1
							2	FLWEVGAEAEWVREQQHLLASADTGR	1
SPTN4_HUMAN (Q9H254) Spectrin beta chain, brain 3 (Spectrin, non-erythroid beta chain 3) (Beta-IV spectrin) [MASS=288983]	0.00	4.13	0.96	0.00	1	5	3	AWGELEKAEHEREAALR	1
							3	DC[330]HELDGWIHEKM[147]LMAR	1
							3	VEALNAAALRFSQLQGYQPC[330]DPQVIC[330]NR	1
							2	MLM[147]ARDGTREDNHK	1
							3	DALAVYRM[147]FGEVHAC[330]ELWIGEKEQWLLSM[147]R	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	5.79	1.50	0.02	4	1	3	NFFEPTLLC[339]NVTQDMLC[339]THEETFGPLAPVIK	2
							3	NFFEPTLLC[330]NVTQDM[147]LC[330]THEETFGPLAPVIK	1
							3	NFFEPTLLC[330]NVTQDMLC[330]THEETFGPLAPVIK	1
SSH1_HUMAN (Q8WYL5) Protein phosphatase Slingshot homolog 1 (EC 3.1.3.48) (EC 3.1.3.16) (SSH-1L) (hSSH-1L) [MASS=115510]	0.00	4.39	1.61	0.00	1	3	2	GRSGSLLQVEETEREEGLGAGR	1
							2	RSC[339]PNGM[147]EDDAIFGILNK	1
							1	DGPASR	1
ST6B1_HUMAN (Q6IMI4) Sulfotransferase 6B1 (EC 2.8.2.-) [MASS=30511]	*	10.19	*	*	*	1	3	M[147]C[339]TSETFQALDTFEARHDDIVLASYPK	1

STA13_HUMAN (Q9Y3M8) StAR-related lipid transfer protein 13 (StARD13) (START domain-containing protein 13) (46H23.2) (Deleted in liver cancer protein 2) (Rho GTPase-activating protein) [MASS=124967]	*	1.89	*	*	*	1	3	DLNENLAAAQGLAHMIMEC[330]DR	1
STAR8_HUMAN (Q92502) StAR-related lipid transfer protein 8 (StARD8) (START domain-containing protein 8) [MASS=112600]	0.00	4.11	2.38	0.00	1	2	2 3	SPDWYNKVFGLHC[339]AM[147]EVAK SLSIESLC[330]PEDGHLADWQPGRR	1 1
STF1_HUMAN (Q13285) Steroidogenic factor 1 (STF-1) (SF-1) (Adrenal 4-binding protein) (Steroid hormone receptor Ad4BP) (Fushi tarazu factor homolog 1) [MASS=51636]	0.00	2.17	2.04	0.00	1	1	3	ILGC[339]LQEPTK	1
STIM2_HUMAN (Q9P246) Stromal interaction molecule 2 precursor [MASS=83971]	0.00	2.68	0.16	0.00	1	1	3	MLVLGLLVAGAADGC[330]ELVPR	1
STK35_HUMAN (Q8TDR2) Serine/threonine-protein kinase 35 (EC 2.7.11.1) (CLP-36-interacting kinase) (Clik1) (PDLIM1-interacting kinase 1) [MASS=44573]	0.00	14.71	0.20	0.00	1	3	3 2 2	IRC[330]DAPENVELALAEFWALTSLKR VADFGLSKVC[339]AGLAPR DM[147]LAANPQDRPDFAFELETR	1 1 1
STON2_HUMAN (Q8WXE9) Stonin-2 (Stoned B) [MASS=101164]	0.00	3.65	0.29	0.00	1	2	3 2 2 3 2 2	STLMNFSKVQKLDISSLNR FHGC[330]VDEDFHNSR YSTHLHLAEDC[330]M[147]K YSTHLHLAEDC[330]M[147]K LAEQIATLC[330]ATLK YSTHLHLAEDC[330]MK	1 1 2 1 1 2
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	10.77	0.66	0.18	16	5	2 2 2 2 2 1 2	M[147]LSSC[330]C[330]K YSTHLHLAEDC[339]M[147]K HYQGTVDKLC[330]R AAHVFFTDSC[330]PDALFNELVK M[147]LSSC[339]C[339]K LAEQIATLC[330]ATLK HYQGTVDKLC[339]R	1 1 2 1 1 2 2

SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	1.00	11.11	1.16	0.06	3	2	3	IIC[339]QGFTGK	2
							2	TRLIGPNC[339]PGVINPGEC[339]KIGIM[147]PGHIHK	1
							2	IIC[330]QGFTGK	1
							2	IIC[339]QGFTGK	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	1.00	2.16	1.57	0.03	2	1	2	IC[330]NQVLVC[330]ER	1
							2	IC[339]NQVLVC[339]ER	1
SUFU_HUMAN (Q9UMX1) Suppressor of fused homolog (SUFUH) [MASS=53946]	0.00	6.61	0.83	0.00	1	1	3	GIETDGSNLSGVSAKC[330]AWDDLSPPEDEDSR	1
SULF1_HUMAN (Q8IWU6) Extracellular sulfatase Sulf-1 precursor (EC 3.1.6.-) (HSulf-1) [MASS=101026]	0.00	6.08	2.19	0.00	1	3	2	KRLQTLTLM[147]SVDDSV	1
							2	TRKIM[147]EHGGATFINAFVTTPM[147]C[339]C[330]PSR	1
							2	GFHDKDKEC[339]SC[339]R	1
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	*	4.83	*	*	*	1	2	ESSPKQYM[147]QLGGR	1
SUZ12_HUMAN (Q15022) Polycomb protein SUZ12 (Suppressor of zeste 12 protein homolog) (Joined to JAZF1 protein) (Chromatin precipitated E2F target 9 protein) (ChET 9 protein) [MASS=83053]	*	4.33	*	*	*	2	2	NLIAPIFLHRTLTYMSHRNSR	1
							3	RTPITHILVC[339]R	1
							3	SAFLASANAC[339]RR	1
							3	VQASKNPLKM[147]LAAR	5
SVIL_HUMAN (O95425) Supervillin (Archvillin) (p205/p250) [MASS=247705]	*	1.17	*	*	*	2			
SYEP_HUMAN (P07814) Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] [MASS=163025]	0.99	2.78	1.68	0.00	1	2	3	YNVYPTYDFAC[330]PIVDSIEGVTHALR	1
							3	HEELMLGDPC[339]LKDLK	1
SYFB_HUMAN (Q9NSD9) Phenylalanyl-tRNA synthetase beta chain (EC 6.1.1.20) (Phenylalanine--tRNA ligase beta chain) (PheRS) [MASS=66129]	0.95	1.19	1.19	0.05	2	1	2	LHQNIC[339]R	2

SYGP1_HUMAN (Q96PV0) Ras GTPase-activating protein SynGAP (Synaptic Ras-GTPase-activating protein 1) (Synaptic Ras-GAP 1) (Neuronal RasGAP) [MASS=146675]	0.99	4.07	0.83	0.00	1	3	2	PSSGNLLQSPEPSYGP	1
							2	VVNSHC[330]VFPR	1
							2	GPSAEMQGYMMRDLNSSIDLQSFMAR	1
SYHH_HUMAN (P49590) Histidyl-tRNA synthetase homolog (EC 6.1.1.21) (Histidine--tRNA ligase homolog) (HisRS) [MASS=56888]	0.00	4.74	5.81	0.00	1	2	2	ILDLVISC[339]FKR	1
							3	EKILDLVISC[330]FKR	1
SYIC_HUMAN (P41252) Isoleucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) (IRS) [MASS=144958]	*	2.21	*	*	*	2	2	LYLINSPPVRAENLR	1
							1	LKGAFKAVM[147]TSIK	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.00	3.75	3.31	0.00	1	2	3	C[330]WKYTAESSDTLC[339]PRC[339]AEVVSGK	1
							2	SC[339]QTALVEILDVIVR	1
							3	PVATSNIQELQAQISR	1
							3	LEDTLEEDIKTM[147]EM[147]VK	1
							2	KLSQSLPDHHEELHAEQM[147]R	1
							3	ELC[339]EWLTQM[147]ESKVSQNGDILIEEMIEK	1
							3	ELYEKTEDESFKDTAQEELK	1
							3	TRSVNGIPVPPDQLEDM[147]AER	1
							3	SQYERALQDLADLLETGQEKMAGDQK	1
							2	QM[147]TSFYDSLKGKINEIITVLER	1
SYNE1_HUMAN (Q8NF91) Nesprin-1 (Nuclear envelope spectrin repeat protein 1) (Synaptic nuclear envelope protein 1) (Syne-1) (Myocyte nuclear envelope protein 1) (Myne-1) (Enaptin) [MASS=1011035]	0.00	4.58	0.24	1.23	2	20	2	LLDPEDVDVDKPDEKSIM[147]TYVAQFLK	1
							2	QNVHAHLQGTKDSYSAIC[339]STAQR	1
							3	VKDHEDYNSELQVEKWLLQM[147]SGR	1
							2	SADSLSPQPSSNLSLSLAQPLR	1
							2	QASVNTIIEK	1
							2	FVLLDHLQSLSEAEDHTRALHR	1
							2	QALQDC[330]ASELGSEFEDQHR	1
							2	HSELELNIAQNMVSQVK	1
							2	GLGTVKDSLFFLHELGEQLK	1
							2	ALHDKQLNMQGTAEK	1
							3	AIILSINLC[330]SPEFTQADSKESR	1
							3	GEAKASSPEM[147]DISADR	1
SYNPR_HUMAN (Q8TBG9) Synaptoporin [MASS=29166]	0.95	5.28	0.76	0.00	1	1	2	LHQVTFEVPTC[330]EGK	1
SYP2L_HUMAN (Q9H987) Synaptopodin 2-like protein [MASS=102468]	0.00	4.50	0.70	0.00	1	2	3	TKC[339]RTIASLLTAAPNPHSK	1
							2	TAM[147]FC[339]FDEVPTPGPIASGSPKTAR	1

SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	5.75	0.54	0.14	4	2	1	LHQVYFDAPTC[330]R	1
							2	LHQVYFDAPTC[339]R	1
							2	EM[147]PVC[339]R	2
							2	EM[147]PVC[330]R	1
SYQ_HUMAN (P47897) GlutaminyI-tRNA synthetase (EC 6.1.1.18) (Glutamine--tRNA ligase) (GlnRS) [MASS=87798]	*	3.23	*	*	*	1	2	LHQVYFDAPTC[330]R	1
							3	VIITNFPAAKSLDIQVPNFPADETK	1
T106C_HUMAN (Q9BVX2) Transmembrane protein 106C (Endoplasmic reticulum membrane protein overexpressed in cancer) [MASS=27875]	0.00	6.40	0.48	0.00	1	1	2	M[147]GSQHSAAARPSSC[330]RR	1
TAU_HUMAN (P10636) Microtubule- associated protein tau (Neurofibrillary tangle protein) (Paired helical filament-tau) (PHF-tau) [MASS=78746]	*	1.85	*	*	*	1	3	TPSSGEPPKSGDR	1
							2	SIQFVDWC[330]PTGFK	1
							2	YMAC[339]C[339]LLYR	1
							2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	20.54	0.91	0.07	10	5	3	LSDQC[330]TGLQGFLVFHSFGGGTGS GFTSLLMER	2
							2	LISQIVSSITASLR	1
							2	YMAC[330]C[330]LLYR	1
							2	AYHEQLSVAEITNAC[330]FEPANQMVK	1
							2	YM[147]AC[330]C[330]LLYR	2
							2	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
							3	LSDQC[330]TGLQGFLVFHSFGGGTGS GFTSLLM[147]ER	1
							3	LSDQC[339]TGLQGFLVFHSFGGGTGS GFTSLLMER	1
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	0.00	13.56	*	*	*	3	3	LSDQC[339]TGLQGFLVFHSFGGGTGS GFTSLLM[147]ER	2
							3	C[339]DPRHGKYM[330]C[339]MLYR	1
							2	TIQFVDWC[339]PTGFK	1
							3	LADLC[330]TGLQGFLIFHSFGGGTGS GFASLLM[147]ER	1

							3	LADQC[330]TGLQGFLVFHSFGGGTGS GFTSLLMER	2
							3	LADQC[339]TGLQGFLVFHSFGGGTGS GFTSLLM[147]ER	3
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	0.00	7.10	*	*	*	1	2	LADQC[330]TGLQGFLVFHSFGGGTGS GFTSLLM[147]ER	1
							2	LADQC[339]TGLQGFLVFHSFGGGTGS GFTSLLM[147]ER	1
							3	LADQC[339]TGLQGFLVFHSFGGGTGS GFTSLLMER	2
							3	LADQC[330]TGLQGFLVFHSFGGGTGS GFTSLLM[147]ER	3
TBA6_HUMAN (Q9BQE3) Tubulin alpha-6 chain (Alpha-tubulin 6) [MASS=49895]	1.00	5.35	0.87	0.08	13	1	3	AYHEQLTVAEITNAC[339]FEPANQM[147]VK	1
TBA8_HUMAN	0.00	4.01	*	*	*	1	3	GDVVPKDVNVIAIAIKTK	1
TBB1_HUMAN (Q9H4B7) Tubulin beta-1 chain [MASS=50327]	*	1.33	*	*	*	1	2	EEYPDR	1

TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*	6	3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	3
							2	NM[147]MAAC[330]DPR	1
							2	NM[147]M[147]AAC[330]DPRHGR	1
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	2
							2	LTTPTYGDLNHLVSATMSGVTTC[330]LR	2
							2	NM[147]M[147]AAC[339]DPRHGR	1
							2	NM[147]MAAC[339]DPR	1
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
							2	NMM[147]AAC[330]DPR	1
							1	TAVC[330]DIPPR	2
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	4
							2	NM[147]M[147]AAC[330]DPR	4
							3	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1

TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	26.97	*	*	*	6	2	TAVC[330]DIPPR	4
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	4
							2	TAVC[339]DIPPR	3
							2	NM[147]M[147]AAC[339]DPR	5
							1	TAVC[339]DIPPR	1
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	5
							3	KEAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
							2	EIVHIQAGQC[339]GNQIGAK	4
							2	EIVHIQAGQC[330]GNQIGAK	3
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	12.39	0.80	0.55	46	3	2	M[147]REIVHIQAGQC[339]GNQIGAK	2
							3	EIVHIQAGQC[339]GNQIGAK	1
							3	M[147]REIVHIQAGQC[339]GNQIGAK	1
							1	EIVHIQAGQC[330]GNQIGAK	1
							2	YVPRAILVDLEPGTMDSVR	1
							2	M[147]REIVHIQAGQC[330]GNQIGAK	1
							3	EIVHIQAGQC[330]GNQIGAK	2
TBB4_HUMAN	1.00	4.05	*	*	*	1	2	GRMSM[147]KEVDEQMLSVQSK	1

TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	1.00	17.04	0.63	0.00	1	4	2	EIVHIQAGQC[330]GNQIGTK	1
							2	IMNTFSVM[147]PSPK	1
							3	GLKMASTFIGNSTAIQELFK	1
							3	YLT VATVFRGPMSMKEVDEQM[147]LAIQSK	1
TBCD1_HUMAN (Q86TI0) TBC1 domain family member 1 [MASS=133083]	*	1.03	*	*	*	1	2	MLKFLM[147]FDMGLR	1
							3	M[147]LKFLM[147]FDM[147]GLR	1
TBCD5_HUMAN (Q92609) TBC1 domain family member 5 [MASS=89004]	0.00	3.14	1.67	0.00	1	1	2	ESEEELEAQISFLQGQLNDLDAMC[339]K	1
							2	EGM[147]RGRSPSQYHDFAEK	1
							1	LEAIVQKITSPNIRR	1
TCF20_HUMAN (Q9UGU0) Transcription factor 20 (Stromelysin 1 PDGF-responsive element-binding protein) (SPRE-binding protein) (Nuclear factor SPBP) (AR1) [MASS=211770]	*	7.70	*	*	*	8	2	VGGREGM[147]R	1
							2	KQQQPPPPPPQPPQIPEGSADGEPK	1
							2	IGRNDRLNPTLSQSIVLPGGLVSMETK	1
							2	C[339]LMSSDGLPNKGMELKHGSQK	1
							2	PTPMRRVPGR	1
							2	QMYQQQP E EYKDWSSGSAQGVIAAAQHR	1
TDG_HUMAN (Q13569) G/T mismatch-specific thymine DNA glycosylase (EC 3.2.2.-) [MASS=46053]	0.20	7.32	0.66	0.00	1	2	1	EFREGGR	1
							2	C[330]LFMSGLESEVQLNHMDHTLPGK	1
TDRD5_HUMAN (Q8NAT2) Tudor domain-containing protein 5 [MASS=76592]	0.00	4.99	1.08	0.00	1	1	3	QIQLSTAAPC[339]STTAVDDSAEKPSGSVESSPEILK	1
TE2IP_HUMAN (Q9NYB0) Telomeric repeat-binding factor 2-interacting protein 1 (TRF2-interacting telomeric protein Rap1) (hRap1) [MASS=44260]	0.00	7.27	*	*	*	1	2	LGPASAADTGSEAKPGALAEAAEPEPQR	1
TEBP_HUMAN (Q15185) Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Telomerase-binding protein p23) (Hsp90 co-chaperone) (Progesterone receptor complex p23) [MASS=18697]	0.85	18.75	1.03	0.05	2	2	2	HLNEIDLFHC[330]IDPNDSK	1
							2	LTFSC[339]LGGSDNFK	1
TENX_HUMAN (P22105) Tenascin-X precursor (TN-X) (Hexabrachion-like protein) [MASS=464454]	*	2.59	*	*	*	5	3	C[330]EGGRC[339]VC[339]DPGYTGDDC[330]GM[147]R	1
							3	C[330]VC[330]EDGYSGEDC[330]GVR	1
							3	MNMYGLHDGQRM[147]GPLSVVIVTAPATEASK	1
							3	GRC[339]EGGRC[330]VC[339]DPGYTGDDC[330]GMR	1
							3	LSWTVAQGPFDSEFVVQYRDTDGQPR	1

							2	LPFMAMLRNLC[330]NLLR	1
							3	PAQHVQALLGYRYPNLQLFSRSR	1
							1	SVIHSR	1
							3	YPSNLQLFSRSR	1
							1	VGISSR	7
TEP1_HUMAN (Q99973) Telomerase protein component 1 (Telomerase-associated protein 1) (Telomerase protein 1) (p240) (p80 telomerase homolog) [MASS=290413]	*	4.19	*	*	*	7			
							3	TLAFNVPGGVVAVGRLDSDM[147]VELWAWREGAR	1
							3	SIRLFISSTFRDM[147]HGER	1
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	0.97	7.70	0.53	0.00	1	3	2	QAAPC[330]VLFFDELDIAK	1
							3	EDEEESLNEVGYYDDIGGC[339]R	1
							3	PDIIDPAILRPGRDLQIYIPLPDEK	1
TF3A_HUMAN (Q92664) Transcription factor IIIA (Factor A) (TFIIIA) [MASS=46848]	0.00	8.04	2.15	0.00	1	2	2	QGGGLSLC[339]QNGESPNC[339]VEDK	1
							2	RSLASHLSGYIPPK	1
TF3C1_HUMAN (Q12789) General transcription factor 3C polypeptide 1 (Transcription factor IIIC-subunit alpha) (TF3C-alpha) (TFIIIC 220 kDa subunit) (TFIIIC220) (TFIIIC box B-binding subunit) [MASS=238294]	0.00	2.04	0.82	0.00	1	3	2	SKYDILM[147]EKLSVMLSTR	1
							1	NYHPIVVPGLGR	1
							2	YISC[330]VFAEESDLSR	1
TGBR3_HUMAN (Q03167) TGF-beta receptor type III precursor (TGFR-3) (Transforming growth factor beta receptor III) (Betaglycan) [MASS=93428]	*	6.35	*	*	*	2	3	PVFNTSLLFLQC[339]ELTLC[330]TKM[147]EKHPQK	1
							3	C[330]VPPDEAC[330]TSLDASIIWAMM[147]QNKKTF TK	1
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	10.08	5.12	0.00	1	2	3	GITTEQLDALGC[339]R	1
							2	AGELWLPHGTVATPVFM[147]PVGQTQATM[147]K	1
THA_HUMAN (P10827) Thyroid hormone receptor alpha (C-erbA-alpha) (c-erbA-1) (EAR-7) (EAR7) [MASS=54815]	*	8.57	*	*	*	2	3	IITPAITRVVDFAK	1
							3	KLPMFSELPC[339]EDQIILLKGC[339]C[339]M[147]EIM[147]SLR	1

THIK_HUMAN (P09110) 3-ketoacyl-CoA thiolase, peroxisomal precursor (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Peroxisomal 3-oxoacyl-CoA thiolase) [MASS=44292]	*	4.48	*	*	*	1	3	IAQFLSDIPETVPLSTVNR	1
							2	IHMGSC[339]AENTAK	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	2.81	1.64	0.08	6	1	2	IHM[147]GSC[339]AENTAK	3
							2	IHM[147]GSC[330]AENTAK	2
THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	*	4.03	*	*	*	1	3	PQTTLEQLQKLPPVFK	1
THNSL_HUMAN (Q8IYQ7) Threonine synthase-like 1 [MASS=83070]	0.84	2.29	0.66	0.00	1	1	2	NGIIVYLDVPLLDLIC[330]JR	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	1.00	8.70	0.55	0.00	2	1	2	VTSLTAC[339]LVDQSLR	1
							2	VTSLTAC[330]LVDQSLR	1
THYG_HUMAN (P01266) Thyroglobulin precursor [MASS=304731]	*	3.18	*	*	*	4	2	MC[330]SADYAGLLQTFQVFILDELTAR	1
							3	NGDYQAVQC[339]QTEGPC[330]WC[339]VDAQGKEM[147]HGTR	1
							2	SHGQDSPAVALKKGQGSTTTLQK	1
							1	LPFQKLM[147]GISIR	1
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	0.00	2.51	0.46	0.00	1	2	3	MPPAAAEETPPYSNYNTLPC[330]RK	1
							3	QHSYTSNGPTFM[147]ETASFK	1
TIM10_HUMAN (P62072) Mitochondrial import inner membrane translocase subunit Tim10 [MASS=10333]	1.00	31.11	2.00	0.04	5	3	2	C[339]VPPHYK	1
							2	M[147]TSAC[339]HR	1
							2	EAELSKGESVC[330]LDR	1
							2	EAELSKGESVC[339]LDR	1
							2	C[330]VPPHYK	1
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	0.98	15.79	1.81	0.01	2	1	3	C[339]IGKPGGSLDNSEQK	1
							2	C[330]IGKPGGSLDNSEQK	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	1.00	17.98	1.69	0.02	3	1	2	EVKPEETTC[339]SEHC[339]LQK	1
							2	EVKPEETTC[330]SEHC[330]LQK	1
							3	EVKPEETTC[330]SEHC[330]LQK	1

TLK2_HUMAN (Q86UE8) Serine/threonine-protein kinase tousled-like 2 (EC 2.7.11.1) (Tousled-like kinase 2) (PKU-alpha) [MASS=87660]	*	4.66	*	*	*	2	3	SVSTSSPAGAAIASTSGASNNSSSN	1
							3	MAC[339]RDKSM[147]QDR	3
TMPS7_HUMAN (Q7RTY8) Transmembrane protease, serine 7 precursor (EC 3.4.21.-) [MASS=64041]	*	7.52	*	*	*	2	3	IC[339]EPTRLMSFVSTNNMLVTFKSPHIR	1
							2	MC[330]HFKLVAIVGYLIR	1
TNF13_HUMAN (O75888) Tumor necrosis factor ligand superfamily member 13 precursor (A proliferation-inducing ligand) (APRIL) (TNF- and APOL-related leukocyte expressed ligand 2) (TALL-2) (TNF-related death ligand 1) (TRDL 1) (CD256 antigen) [MASS=27433]	0.00	13.20	1.39	0.00	1	1	3	SMPSHPDRAYNESC[339]YSAGVFHLHQGDILSVIIPR	1
TNR8_HUMAN (P28908) Tumor necrosis factor receptor superfamily member 8 precursor (CD30L receptor) (Lymphocyte activation antigen CD30) (KI-1 antigen) [MASS=63747]	*	10.92	*	*	*	3	3	IYIM[147]KADTVIVGTVKAELPEGR	1
							2	KQC[339]EPDYLLDEADR	1
							3	PGM[147]IC[330]ATSATNSC[330]ARC[339]VPYPIC[339]AAETVTK	1
TOM40_HUMAN (O96008) Probable mitochondrial import receptor subunit TOM40 homolog (Translocase of outer membrane 40 kDa subunit homolog) (Haymaker protein) (p38.5) [MASS=37893]	0.73	9.14	1.25	0.00	1	1	3	TPGAATASASGAAEDGAC[339]GC[339]LPNPGTFEEC[339]HRK	1

							2	WKEVAQDC[339]TK	1
							3	SEM[147]EM[147]AHL YSLC[339]DAAHAQTEVAK	1
							3	ILLDQVEEAVADFDEC[339]IR	2
							2	C[339]IDLEPDNATTYVHK	1
							3	ADEM[147]YDKC[339]IDLEPDNATTYVHK	1
							2	QYM[147]EEENYDKIISEC[339]SK	1
							2	SEM[147]EM[147]AHL YSLC[339]DAAHAQTEVAK	1
							3	QYM[147]EEENYDKIISEC[339]SK	1
							2	ILLDQVEEAVADFDEC[339]IR	2
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	32.57	1.39	0.06	15	12			
							2	ENSGYLK	1
							3	EC[339]LEDVTAVC[339]ILEGFQNNQSM[147]LLADK	1
							3	C[330]DFAYETM[147]GTIEVQRGNMEKAIDM[147]FNK	1
							1	RNSER	2
							2	YGLKPPTL	2
							3	ILLDQVEEAVADFDEC[330]IR	1
							2	C[339]AEGYALYAQALTDQQQFGK	2
TOP1M_HUMAN (Q969P6) DNA topoisomerase I, mitochondrial precursor (EC 5.99.1.2) (TOP1mt) [MASS=69871]	0.00	13.48	1.87	0.00	1	4			
							2	LKGETAWQK	1
							3	WRQLEHKGYPYFAPPYEPLPDGVR	1
							2	SDNTVTWLAAWTESVQNSIKYIM[147]LNPC[339]SK	1
							2	LTTTSLNKHLLQELMDGLTAK	1
TOP1_HUMAN (P11387) DNA topoisomerase 1 (EC 5.99.1.2) (DNA topoisomerase I) [MASS=90725]	0.00	4.71	0.41	0.00	1	2			
							3	LALRAGNEKEEGETADTVGC[330]C[339]SLR	1
							2	IMPEDIIINC[330]SK	1
TP53B_HUMAN (Q12888) Tumor suppressor p53-binding protein 1 (p53-binding protein 1) (p53BP1) (53BP1) [MASS=213573]	0.00	4.31	0.65	0.00	1	4			
							3	GNLLHFPSSSQEEEEKEK	1
							3	EQEAWEEATSEDSSVIVDVKEPSPR	1
							2	NSPEDLGLSLTGDSC[330]K	1
							3	TSSVLGM[147]SVESAPAVEEEKGEELEQK	1
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	24.60	0.76	0.03	2	3			
							2	EAGITEKVVFEQTK	1
							2	VAHALAEGLGVIAC[339]IGEK	1
							2	VAHALAEGLGVIAC[330]IGEK	1
							3	GWLKSNSDAVAQSTRIIYGGSVTGATC[330]K	1
TPM2_HUMAN (P07951) Tropomyosin beta chain (Tropomyosin 2) (Beta-tropomyosin) [MASS=32851]	0.00	16.90	2.27	0.00	1	3			
							3	EAKHIAEDSDRK	1
							2	SVAKLEKTIDDEDEVYAKQ	1
							2	C[339]GDLEELKIVTNNLK	1

TR11B_HUMAN (O00300) Tumor necrosis factor receptor superfamily member 11B precursor (Osteoprotegerin) (Osteoclastogenesis inhibitory factor) [MASS=46040]	*	3.99	*	*	*	1	3	TIRFLHSFTM[147]YKLYQK	1
TR2_HUMAN (P13056) Orphan nuclear receptor TR2 (Testicular receptor 2) [MASS=53042]	*	6.21	*	*	*	1	2	STGLLDSGMFMNIHPGKTESAVLM[147]TSDK	1
TRABD_HUMAN (Q9UGI0) Protein TRABID (Zinc finger Ran-binding domain-containing protein 1) [MASS=80907]	0.00	6.92	4.37	0.00	1	3	2	SSYSM[147]ENANK	1
							3	KALHDSLHDC[339]SHWFYTR	1
							3	ELEEEESPIINWSLELATRLDSR	1
TRAF7_HUMAN (Q6Q0C0) E3 ubiquitin protein ligase TRAF7 (EC 6.3.2.-) (TNF receptor-associated factor 7) (Ring finger and WD repeat domain 1) (RING finger protein 119) [MASS=74609]	0.00	1.34	0.46	0.00	1	1	2	VWDTC[330]TTYK	1
TRAP1_HUMAN (Q12931) Heat shock protein 75 kDa, mitochondrial precursor (HSP 75) (Tumor necrosis factor type 1 receptor-associated protein) (TRAP-1) (TNFR-associated protein 1) [MASS=80109]	0.00	5.11	1.26	0.00	1	3	2	ELLQESALIRK	1
							1	LLDIVAR	1
							2	APALAAVPGGKPILC[339]PRR	1
TRI11_HUMAN (Q96F44) Tripartite motif-containing protein 11 (EC 6.3.2.-) (RING finger protein 92) (Protein BIA1) [MASS=52774]	*	2.56	*	*	*	1	2	LQPPEVVPMELR	1
TRI29_HUMAN (Q14134) Tripartite motif-containing protein 29 (Ataxia-telangiectasia group D-associated protein) [MASS=65806]	*	2.21	*	*	*	1	2	KPPVTFAEKGDVR	1
TRI37_HUMAN (O94972) Tripartite motif-containing protein 37 (Mulibrey nanism protein) [MASS=107905]	*	5.19	*	*	*	2	3	MDEQSVESIAEVFRC[330]FIC[330]MEK	1
							3	RTHLC[330]SAATSSLLDIDPLILHLLDLKDR	1
TRI54_HUMAN (Q9BYV2) Tripartite motif-containing protein 54 (Muscle-specific RING finger protein 3) (MuRF3) (MURF-3) (Muscle-specific RING finger protein) (MuRF) (RING finger protein 30) [MASS=40328]	*	10.06	*	*	*	2	3	RQKNELSDGIAM[147]LVAGNDR	1
							2	NLLVENIIDYKQESSR	1
TRI56_HUMAN (Q9BRZ2) Tripartite motif-containing protein 56 (RING finger protein 109) [MASS=81487]	0.00	5.83	1.02	0.00	1	2	3	M[147]VSHGSSPSLLEALSSDFLAC[330]K	1
							3	PGLEGLLAGVDNNLVELEAARR	1

TRIM1_HUMAN (Q9UJV3) Midline-2 (Midline defect 2) (Tripartite motif-containing protein 1) (Midin-2) (RING finger protein 60) [MASS=81264]	*	2.66	*	*	*	1	2	STVLINQAEHILKENDQAR	1
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	*	1.75	*	*	*	1	2	RKDNPIEDELVFR	1
TRIM9_HUMAN (Q9C026) Tripartite motif-containing protein 9 (RING finger protein 91) [MASS=79177]	0.00	1.55	*	*	*	1	2	M[147]DVM[147]KDVM[147]LGK	1
TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	*	1.18	*	*	*	2	2 3	GQTVEVLER THQSALQVQQKAEAMLQANHYDMDM[147]IR	1 1
TRMU_HUMAN (O75648) tRNA (5-methylaminomethyl-2-thiouridylate)-methyltransferase (EC 2.1.1.61) [MASS=47744]	0.00	6.41	0.43	0.00	1	1	3	HQM[147]ALVPC[330]VLTLNQDGTWVVTAVQAVR	1
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	*	3.35	*	*	*	3	2 2 3 2	LTVLNSMHSFILADNGTTGKYGAEVK QRNTASLQNPFFQRSK QRNTASLQNPFFQRSK DEEEVQSKHRLIPLGR	1 1 1 1
TRPV1_HUMAN (Q8NER1) Transient receptor potential cation channel subfamily V member 1 (TrpV1) (osm-9-like TRP channel 1) (OTRPC1) (Vanilloid receptor 1) (Capsaicin receptor) [MASS=94938]	0.00	3.81	5.98	0.00	1	2	3 3	GFQQMGIYAVM[147]IEKM[147]ILRDLC[339]R IAQESKNIWK	1 1
TRPV4_HUMAN (Q9HBA0) Transient receptor potential cation channel subfamily V member 4 (TrpV4) (osm-9-like TRP channel 4) (OTRPC4) (Vanilloid receptor-like channel 2) (Vanilloid receptor-like protein 2) (VRL-2) (Vanilloid receptor-related osmotically-acti [MASS=98281]	*	1.26	*	*	*	1	2	LTGTYSIM[147]IQK	1
TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SelZ) [MASS=56459]	0.99	5.53	1.10	0.00	1	2	2 3	C[339]GASYAQVM[147]R YFNIKASFVDEHTVC[339]GVAK	1 1

TSKS_HUMAN (Q9UJT2) Testis-specific serine kinase substrate (Testis-specific kinase substrate) (STK22 substrate 1) [MASS=65050]	0.00	7.94	1.33	0.00	1	2	3 2	M[147]C[339]SLHDHLSNLPLEGSTGMTGGGSSAGTPPK VTRSVEDAEIKTNVLK	1 1
TSSK6_HUMAN (Q9BXA6) Testis-specific serine/threonine-protein kinase 6 (EC 2.7.11.1) (TSSK-6) (Small serine/threonine kinase) (Serine/threonine-protein kinase SSTK) [MASS=30331]	*	5.49	*	*	*	1	2	DLKC[330]ENVLLSPDERR	1
TTC15_HUMAN (Q8WVT3) Tetratricopeptide repeat protein 15 (TPR repeat protein 15) [MASS=79361]	*	5.99	*	*	*	2	2 2	PEQEPPVAEPVPVC[330]TIFSQR ENLTM[147]PGLRFDNIQGDVAKDLMLR	1 1
TTC7A_HUMAN (Q9ULT0) Tetratricopeptide repeat protein 7A (TPR repeat protein 7) [MASS=96184]	0.00	7.69	0.65	0.00	1	3	2 3 3	DAISMYARAGIDDSMENKPLYQMR LWQTLYSFSQLGGLEKDGSGFGEGLTMK GPPEALVTC[330]RQVLR	1 1 1
TWF2_HUMAN (Q6IBS0) Twinfilin-2 (Twinfilin-1-like protein) (A6-related protein) (hA6RP) (Protein tyrosine kinase 9-like) [MASS=39548]	0.99	4.58	0.41	0.00	1	1	2	HLSSC[330]AAPAPL TSAER	1
TXND5_HUMAN (Q8NBS9) Thioredoxin domain-containing protein 5 precursor (Thioredoxin-like protein p46) (Endoplasmic reticulum protein ERp46) [MASS=47629]	0.98	3.70	0.82	0.00	1	1	2	VDC[339]TAHSDVC[339]SAQGVR	1
UB2Q2_HUMAN (Q8WVN8) Ubiquitin-conjugating enzyme E2 Q2 (EC 6.3.2.19) (Ubiquitin-protein ligase Q2) (Ubiquitin carrier protein Q2) [MASS=42818]	*	5.33	*	*	*	1	2	QDHLNGAVSGSVQASDRLMK	1
UBE1_HUMAN (P22314) Ubiquitin-activating enzyme E1 (A1S9 protein) [MASS=117848]	0.96	3.21	0.48	0.00	1	2	2 3	VGEFC[330]HNR LAYVAAGDLAPINAFIGGLAAQEV MK	1 1
UBE4A_HUMAN (Q14139) Ubiquitin conjugation factor E4 A [MASS=122560]	*	1.78	*	*	*	1	2	HC[330]ILSWLGNC[330]LHANAGRTK	1
UBN1_HUMAN (Q9NPG3) Ubinuclein (Ubiquitously expressed nuclear protein) (VT4) [MASS=121540]	*	7.76	*	*	*	4	2 2 3 2	MSEPHRVQFTSLPGSLNPAFLK ELAALNSRAAGNSEFTLPAPSK PSPSAPPPASSLQSPLNFLAEQALALGQSSQEK VEALARKFEEK	1 1 1 1

							3	NDSVIVDTFHGLFK	8
UBP11_HUMAN (P51784) Ubiquitin carboxyl-terminal hydrolase 11 (EC 3.1.2.15) (Ubiquitin thioesterase 11) (Ubiquitin-specific-processing protease 11) (Deubiquitinating enzyme 11) [MASS=105030]	0.00	8.70	0.31	0.00	1	4			
							3	TPARDYNNSYYGLMLFGHPLLVSVPDR	1
							2	C[330]PFLLDNC[330]LGTSQWPPR	1
							2	HTGISPERM[147]M[147]VADVFSHRFYK	1
UBP37_HUMAN (Q86T82) Ubiquitin carboxyl-terminal hydrolase 37 (EC 3.1.2.15) (Ubiquitin thioesterase 37) (Ubiquitin-specific-processing protease 37) (Deubiquitinating enzyme 37) [MASS=110100]	*	2.86	*	*	*	2	3	DAEEMRLFLDAVHQNRLPAAMK	1
							1	LPAAMK	1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	0.00	8.06	2.60	0.00	1	4	2	TGLINLGNTC[330]YM[147]NSVIQALFMTDFRR	1
							3	ELREYVSQVTKVSNLLQNIWK	1
							2	TM[147]QITEEPEYLILTLLR	1
							2	LQHLFAFLAHTQREAYAPR	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	*	2.80	*	*	*	1	3	EQLSETEGSGEDEPGNDPSETTQKKIK	1
UBP5_HUMAN (P45974) Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) (Deubiquitinating enzyme 5) (Isopeptidase T) [MASS=95786]	0.99	5.71	1.06	0.00	1	2	2	NLGNSC[339]YLNNSVVQVLFSPDFQR	1
							3	VDYIM[147]QLPVPM[147]DAALNKEELLEYEEK	1
UBQL1_HUMAN (Q9UMX0) Ubiquilin-1 (Protein linking IAP with cytoskeleton 1) (PLIC-1) (hPLIC-1) [MASS=62519]	*	1.70	*	*	*	1	2	NPAMMQEMM[147]R	1
UBQL3_HUMAN (Q9H347) Ubiquilin-3 [MASS=70841]	0.00	11.60	1.07	0.00	1	3	3	QLVLDNPHM[147]QQLIQHNPEIGHILNNPEIM[147]R	1
							2	QDGDQDAPDIRNRFNPLGIIR	1
							2	MENC[330]DPLPNPWTSTHGGSGSRQGR	1

UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	35.87	0.71	0.06	8	4	2	C[330]FEKNEAIQAAHDAVAQEGQC[330]R	1
							2	NEAIQAAHDAVAQEGQC[330]R	2
							3	NEAIQAAHDAVAQEGQC[330]R	2
							3	QTIGNSC[330]GTIGLIHAVANNQDKLGFEDGSVLK	1
							2	C[339]FEKNEAIQAAHDAVAQEGQC[339]R	1
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.99	18.27	1.77	0.00	1	3	2	NEAIQAAHDAVAQEGQC[339]R	1
							2	FSAVALC[330]K	2
							2	TRLQM[147]QGEEAALAR	1
							3	FLLSGC[339]AATVAELATFPLDLTK	1
							3	GFLPSWLRMTPWSM[147]VFWLTYEKIR	1
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	46.15	1.62	0.05	18	4	2	EQC[330]EQLEK	2
							2	SHTEEDC[339]TEELFDFLHAR	2
							3	SHTEEDC[339]TEELFDFLHAR	2
							2	SHTEEDC[330]TEELFDFLHAR	2
							1	DHC[339]VAHK	2
UD12_HUMAN (P36509) UDP-glucuronosyltransferase 1-2 precursor (EC 2.4.1.17) (UDP-glucuronosyltransferase 1A2) (UDPGT) (UGT1*2) (UGT1-02) (UGT1.2) (UGT-1B) (UGT1B) (HLUGP4) [MASS=60018]	0.00	6.04	0.08	0.00	1	2	2	ERLELC[330]DER	1
							2	DHC[330]VAHK	2
							2	ERLELC[339]DER	2
							2	DHC[339]VAHK	3
							3	SHTEEDC[330]TEELFDFLHAR	1
UFO_HUMAN (P30530) Tyrosine-protein kinase receptor UFO precursor (EC 2.7.10.1) (AXL oncogene) [MASS=97436]	0.00	4.40	10.22	0.00	1	2	2	NHIMHLEEHLLC[330]HR	1
							3	ERVRNHIMHLEEHLLC[330]HR	1
							2	LIGVC[339]FQGSR	1
							3	FIHRDLAARNC[339]MLNENM[147]SVC[339]VADFGLSK	1

UGGG1_HUMAN (Q9NYU2) UDP-glucose:glycoprotein glucosyltransferase 1 precursor (EC 2.4.1.-) (UDP-glucose ceramide glucosyltransferase-like 1) (UDP--Glc:glycoprotein glucosyltransferase) (HUGT1) [MASS=174976]	0.00	2.61	*	*	*	2	3	YNSWPSSLQELLR	1
								GTEVNTTVIGENDPIDEVQGFLFGKLR	1
UGTAP_HUMAN (Q9HD40) UGA suppressor tRNA-associated protein (tRNA(Ser/Sec)-associated antigenic protein) (SLA/LP autoantigen) (Soluble liver antigen) (SLA) (Liver:pancreas antigen) (LP) (SLA-p35) [MASS=55726]	*	2.79	*	*	*	1	3	LVSPAYVRQGC[339]EAR	1
ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) [MASS=112601]	*	6.19	*	*	*	4	3	LIFSHAVQM[147]VQSAALDEM[147]FQHR	1
							3	NLAQSQTLLGKEIK	1
							2	PGWSGTPSPQGAEMRGGR	1
							2	QGVVM[147]TPPRNR	1
ULK2_HUMAN (Q8IYT8) Serine/threonine-protein kinase ULK2 (EC 2.7.11.1) (Unc-51-like kinase 2) [MASS=112726]	*	2.32	*	*	*	1	2	LSDQQGKTPIC[339]RHQGSTDLSLNTER	1
UN13B_HUMAN (O14795) Unc-13 homolog B (Munc13-2) (munc13) [MASS=180683]	0.00	2.89	0.86	0.00	1	2	3	VLGLAVM[147]PLRDVTAKGSC[339]AC[330]WC[330]PLGR	1
							2	DDEIC[330]GTRNPTPHKILLDTR	1
UNC5C_HUMAN (O95185) Netrin receptor UNC5C precursor (Unc-5 homolog C) (Unc-5 homolog 3) [MASS=103101]	*	3.54	*	*	*	1	2	SSPTGVILDLWEAQNFDPGNLSMLAAVLEEM[147]GR	1
							3	NALVSHLDGTTTPVC[339]EDIGR	1
							2	DVILREM[147]QENDASM[147]R	1
							2	NALVSHLDGTTTPVC[339]EDIGR	1
							3	LC[339]QSFQTFASIC[339]YAETGLLGAHFVC[339]DR	1
							2	LC[339]TSATESEVAR	2
							2	NALVSHLDGTTTPVC[330]EDIGR	1
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	24.58	1.77	0.12	12	6	2	YIYDQC[339]PAVAGYGPIEQLPDYNR	1
							2	YIYDQC[330]PAVAGYGPIEQLPDYNR	1
							3	YIYDQC[339]PAVAGYGPIEQLPDYNR	1
							2	AVELLGDIVQNC[339]SLEDSEIEKER	2
							2	LC[330]TSATESEVAR	2
							2	LC[330]TSATESEVAR	2

							2	ENM[147]AYTVEC[339]LR	1
							2	NALANPLYC[330]PDYR	2
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	5.30	1.62	0.07	10	2	2	ENM[147]AYTVEC[330]LR	1
							3	NALANPLYC[339]PDYR	1
							2	NALANPLYC[339]PDYR	4
							2	ENMAYTVEC[339]LR	1
							1	NALANPLYC[339]PDYR	1
USH2A_HUMAN (O75445) Usherin precursor (Usher syndrome type-2A protein) (Usher syndrome type IIa protein) [MASS=575597]	0.00	2.48	2.80	0.00	1	7	2	C[339]KANVIGLRC[330]DHC[339]NFGFK	1
							2	C[339]C[339]ETELIPKSQK	1
							2	FRTDQLNGLLLFVYNK	1
							2	ESSLPALMTTM[147]M[147]K	1
							3	GAVVNLASVSSGAVRVNLDGC[339]LSTDSAVNC[339]R	1
							2	LHAQSHC[330]RC[330]PGSHPRVHPLAQR	1
							2	TYNIFSDGFLEYSGLNR	1
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	1.00	1.99	0.53	0.01	3	1	2	LFPHC[339]GR	1
							2	LFPHC[330]GR	2
VANG1_HUMAN (Q8TAA9) Vang-like protein 1 (Van Gogh-like protein 1) (Strabismus 2) (Loop-tail protein 2 homolog) (LPP2) [MASS=59975]	0.00	10.50	3.18	0.00	1	2	3	HMAGLKVYNVDGPSNNATGQSRAMIAAAAR	1
							3	QQNYHSM[147]ESILQHLAFC[339]ITNGM[147]TPK	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	1.00	7.78	0.64	1.55	4	3	3	FC[330]PFYKTVGMLSNMIAFYDMARR	3
							2	C[339]LGNPER	1
							2	C[330]LGNPER	1
							3	AVETTAQSDNKITWSIIR	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	17.54	*	*	*	5	2	IPIFSAAGLPHNEIAAQIC[339]R	1
							2	TVC[339]SVNGPLVVLDRVK	1
							3	RIPQAVIDEFYSR	1
							2	IPIFSAAGLPHNEIAAQIC[330]R	1
							3	EHMQAVTRNYITHPRVTYR	1
							2	NFINQGPYENRSM[147]FESLDLSWK	1

VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	7.83	0.92	0.14	4	2	2	GPVVLAEEDFLDIM[147]GQPINPQC[330]R	1
							2	KDHADVSNQLYAC[330]YAIGK	1
							2	YQIDPDAC[339]FSAK	2
							1	YQIDPDAC[339]FSAK	3
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	10.99	1.51	0.05	13	2	1	YQIDPDAC[330]FSAK	3
							2	EHINLGC[339]DMDFDIAGPSIR	1
							2	EHINLGC[339]DM[147]DFDIAGPSIR	2
							2	YQIDPDAC[330]FSAK	2
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	18.73	1.61	0.02	5	4	2	YKWC[330]EYGLTFTEK	1
							2	WNTDNTLGTEIAIEDQIC[330]QGLK	1
							2	WNTDNTLGTEIAIEDQIC[339]QGLK	1
							2	SC[339]SGVEFSTSGSSNTDTGK	1
							2	WC[339]EYGLTFTEK	1
							2	WC[330]EYGLTFTEK	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	1.00	10.95	1.69	0.03	5	2	1	VC[339]NYGLTFTQK	1
							3	MC[330]NTPTYC[330]DLGKAAKDVFNK	1
							2	VC[339]NYGLTFTQK	2
							2	VC[330]NYGLTFTQK	2
VILI_HUMAN (P09327) Villin-1 [MASS=92563]	*	3.51	*	*	*	1	2	TEKQVVVEGQEPANFWMALGGKAPYANTK	1
VINC_HUMAN (P18206) Vinculin (Metavinculin) [MASS=123667]	*	8.91	*	*	*	5	2	ASDEVTRLAKEVAK	1
							2	AASDELSKTISPM[147]VM[147]DAK	1
							2	ERREILGTC[330]K	1
							3	C[339]DRVDQLTAQLADLAARGEESPQAR	1
							2	DMPPAFIKVENAC[330]TKLVQAAQMLQSDPYSPAR	1

VIPR2_HUMAN (P41587) Vasoactive intestinal polypeptide receptor 2 precursor (VIP-R-2) (Pituitary adenylate cyclase-activating polypeptide type III receptor) (PACAP type III receptor) (PACAP-R-3) (Helodermin-preferring VIP receptor) [MASS=49478]	*	5.94	*	*	*	1	2	STLLLIPLFGVHYMVFAVFPISISK	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.95	14.74	1.05	0.00	1	2	2 2	GFLKDC[339]PSGR LNWAFNM[147]YDLGDGDKITR	1 1
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412])	0.95	1.55	0.74	0.00	1	1	2	ASLYPC[330]PETPQER	1
VPS16_HUMAN (Q9H269) Vacuolar protein sorting 16 (hVPS16) [MASS=94693]	*	2.26	*	*	*	1	2	LLEYEPRSGEQVPLLLKM[147]K	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	1.88	*	*	*	3	3 3 2	DETHFEVVESGRYIILLGK GLRPSC[330]PNSQSPVK C[330]LPTAC[330]TIQLRGGQIM[147]TLK	1 1 1
WBS18_HUMAN (Q96LL9) Williams-Beuren syndrome chromosome region 18 protein [MASS=25961]	0.00	9.73	0.46	0.00	1	1	3	QC[330]FLYHPDRNSGSAEAAERFTR	1
WDR7_HUMAN (Q9Y4E6) WD repeat protein 7 (TGF-beta resistance-associated protein TRAG) (Rabconnectin-3 beta) [MASS=163809]	*	0.40	*	*	*	1	2	FFYGC[339]R	1
WSB1_HUMAN (Q9Y6I7) WD repeat and SOCS box-containing protein 1 (WSB-1) (SOCS box-containing WD protein SWiP-1) [MASS=47432]	0.00	10.93	1.01	0.00	1	3	2 2 2	C[339]GRENWTVAFAPDGSYFAWSQGHR VWDLKDDGNMMK DDGNM[147]M[147]KVLR	1 1 1
XPO1_HUMAN (O14980) Exportin-1 (Exp1) (Chromosome region maintenance 1 protein homolog) [MASS=123385]	*	2.15	*	*	*	1	3	MAKPEEVLVENDQGEVVREFMK	1

XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	0.23	3.56	0.24	0.00	1	1	2	NC[330]STNPPYLPVTVVNTTM[147]SLTALR	1
YLP1_HUMAN (P49750) YLP motif-containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	*	1.18	*	*	*	2	1 3	PPPPMGK EQHLAQLQLQQM[147]HQQ	1 1
YYY1_HUMAN (P49646) Very very hypothetical protein RMSA-1 [MASS=48240]	*	4.31	*	*	*	1	2	WLIWEAKAGESLEVRSSR	1
Z3H7A_HUMAN (Q8IWR0) Zinc finger CCCH-type domain-containing protein 7A [MASS=110537]	0.00	4.53	0.98	0.00	1	2	3 2	AYDAVAKC[330]SLAVPQDEHVIKLTQELAQK QMPLQFDLC[330]NHASGK	1 1
Z585A_HUMAN (Q6P3V2) Zinc finger protein 585A [MASS=87988]	0.00	6.24	0.25	0.00	1	3	2 2 3	IHTGERHHEC[339]TDC[339]GKAFTQK LWDHNQC[330]RKILSYK QYEC[339]HEC[339]GKAFNQK	1 1 1
ZBT24_HUMAN (O43167) Zinc finger and BTB domain-containing protein 24 (Zinc finger protein 450) [MASS=78282]	0.00	2.30	1.38	0.00	1	1	2	GFLC[339]DITLIVENVHFR	1
ZBTB2_HUMAN (Q8N680) Zinc finger and BTB domain-containing protein 2 [MASS=57336]	*	7.78	*	*	*	2	3 2	AHKSVLASFSNYFK QTLELC[330]TFEEGSQM[147]DNM[147]LVQTNKPYK	1 1
ZBTB9_HUMAN (Q96C00) Zinc finger and BTB domain-containing protein 9 [MASS=50602]	*	2.96	*	*	*	1	2	EEISGSGTQPGGAK	1
ZCHC8_HUMAN (Q6NZY4) Zinc finger CCHC domain-containing protein 8 [MASS=78577]	*	2.55	*	*	*	1	2	KEYMDAC[330]GEANNQNFQQR	1
ZDH13_HUMAN (Q8IUH4) Probable palmitoyltransferase ZDHHC13 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 13) (DHHC-13) (Huntingtin-interacting protein 14-related protein) (HIP14-related protein) (Huntingtin-interacting protein HIP3RP) (Putativ [MASS=70888]	*	6.91	*	*	*	2	2 3	ELANAREALPLIEDSSNC[330]DIVK GETPLDM[147]ALQKNQLIIHMLK	2 1

ZEP1_HUMAN (P15822) Zinc finger protein 40 (Human immunodeficiency virus type I enhancer-binding protein 1) (HIV-EP1) (Major histocompatibility complex-binding protein 1) (MBP-1) (Positive regulatory domain II-binding factor 1) (PRDII-BF1) [MASS=297217]	*	2.36	*	*	*	4	2	DENGAVC[330]ATDVRPLEALSSR	1
							2	KVLNPPAPAGDHAR	1
							2	PLGSQVQKVPSSFMLPIR	1
							3	QTSVASANQVSR	1
ZFN2B_HUMAN (Q8WV99) AN1-type zinc finger protein 2B [MASS=28022]	0.00	3.89	0.72	0.00	1	1	2	SSKPSNC[330]SLC[330]	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	*	5.16	*	*	*	1	3	SYAGKQTDEC[330]NEFGKALLYLK	1
ZFP28_HUMAN (Q8NHY6) Zinc finger protein 28 homolog (Zfp-28) (Krueppel-like zinc finger factor X6) [MASS=98704]	*	2.53	*	*	*	1	3	PFEC[330]AEC[339]GKSFSISSQLATHQR	1
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	0.00	4.96	0.67	0.00	1	3	2	KVEDM[147]SELFR	1
							2	EYYVQQEVIVLFC[330]ETVER	1
							2	ELESMAM[147]RPLAKELTR	1
							3	AKMESSVSVSVVHDTSTELLSPKK	1
ZMYM1_HUMAN (Q5SVZ6) Zinc finger MYM-type protein 1 [MASS=128716]	*	5.78	*	*	*	4	3	ELQNKTIIDIFSLSSK	1
							3	IKQISELLFK	1
							3	HEKSEM[147]HLKSLEFWR	1
ZN141_HUMAN (Q15928) Zinc finger protein 141 [MASS=55249]	*	7.17	*	*	*	2	3	LQKGGYNEFNEC[339]LSTTQSKILQC[330]K	1
							2	WSLIFNEHKR	1
ZN142_HUMAN (P52746) Zinc finger protein 142 (HA4654) [MASS=187865]	0.00	1.48	3.16	0.00	1	1	3	RHPEPAQPAPGSPAETTEGPLHC[330]SR	1
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	*	2.38	*	*	*	3	2	HM[147]KTHR	1
							3	C[339]QYC[339]MKSFSTSGSLKVHIR	1
							2	C[330]DEC[330]GKSFTVKSTLDC[330]HVK	1
ZN273_HUMAN (Q14593) Zinc finger protein 273 (Zinc finger protein HZF9) [MASS=58045]	*	3.17	*	*	*	1	3	C[339]KTC[330]GKA FNQFSNLTK	1
ZN366_HUMAN (Q8N895) Zinc finger protein 366 [MASS=85107]	0.00	4.03	0.98	0.00	1	2	2	DEC[330]LSLRAFQSTR	1
							2	VKHGVM[147]ERGLHSQGLGR	1
							3	GQGATFVETDSPFTAALAEPLVKEKPLR	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	*	4.12	*	*	*	2	3	M[147]YNC[330]PKC[330]DYGTNPVVEFR	3
ZN430_HUMAN (Q9H8G1) Zinc finger protein 430 [MASS=66346]	*	5.26	*	*	*	2	2	FSYLTKHK	1
							3	C[339]GHEDLQLRTGC[339]RSVDEC[339]NLHK	1
ZN443_HUMAN (Q9Y2A4) Zinc finger protein 443 (Krueppel-type zinc finger protein ZK1) [MASS=77547]	0.00	7.45	*	*	*	3	2	SSFRSHMIM[147]HTGDGPHKC[339]K	1
							3	QC[330]SKAFPDSSSC[339]LIHER	1
							3	EC[339]GKA FSWLTC[330]FLR	1

ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	*	5.38	*	*	*	4	3	VLMSM[147]QGLRSHERSHLALAMFTR	1
							3	IVSLLSSHSHHSSQK	1
							3	FSDHGAALNTEK	1
							3	DASGALVGRVDGEHC[330]LLDGM[147]LEDETR	1
ZN502_HUMAN (Q8TBZ5) Zinc finger protein 502 [MASS=62920]	*	4.60	*	*	*	1	3	C[330]NEC[339]GKTFTQSSSLTQHQRTHHTGER	1
ZN519_HUMAN (Q8TB69) Zinc finger protein 519 [MASS=63021]	0.00	2.04	12.62	0.00	1	1	2	C[339]LDPAQQNLYR	1
ZN555_HUMAN (Q8NEP9) Zinc finger protein 555 [MASS=73062]	0.00	4.30	0.57	0.00	1	2	3	EC[330]GEAFSYSSAFRR	1
							2	QC[330]GKAFLSAC[339]FR	1
ZN596_HUMAN (Q8TC21) Zinc finger protein 596 [MASS=57907]	*	8.43	*	*	*	2	3	MTFEDIIVDFTQEEWALLDTSQRK	1
							2	PYEC[330]HVC[339]GKAFTESDLR	1
							3	VFSC[339]GSTLETHK	11
ZN600_HUMAN (Q6ZNG1) Zinc finger protein 600 [MASS=83157]	*	1.66	*	*	*	1			
ZN605_HUMAN (Q86T29) Zinc finger protein 605 [MASS=74376]	*	2.18	*	*	*	1	3	PQLLRHQRIHTGEK	1
ZN645_HUMAN (Q8N7E2) Zinc finger protein 645 [MASS=48784]	*	2.35	*	*	*	1	2	KQVTSASLEK	1
ZN680_HUMAN (Q8NEM1) Zinc finger protein 680 [MASS=61741]	0.00	6.04	3.57	0.00	1	2	2	C[339]GHENLQLRISC[339]K	1
							3	C[330]EEC[339]GKAFIQSSNLTEHMR	1
							2	AFTRSTTLPVHERHTGTVNADEC[330]K	1
ZNF20_HUMAN (P17024) Zinc finger protein 20 (Zinc finger protein KOX13) [MASS=61567]	*	5.83	*	*	*	2	1	NLTSVGK	3
ZNF43_HUMAN (P17038) Zinc finger protein 43 (Zinc protein HTF6) (Zinc finger protein KOX27) [MASS=93487]	*	2.62	*	*	*	1	3	EC[330]GKSFC[330]M[147]LPHLAQHKIIHTR	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	*	6.96	*	*	*	1	3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	1
ZSWM4_HUMAN (Q9H7M6) Zinc finger SWIM domain-containing protein 4 [MASS=110167]	*	1.42	*	*	*	2	1	PLGADR	1
							2	VREMLRM[147]R	1

**Table 10. LAD Mitochondrial Study
Protein Summary**

Description	Experiment1		Experiment2		Experiment3		Count	Mean	SEM
	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio	Protein Score	XPress H2L Ratio			
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	1.41	1.00	1.38	1.00	1.13	3	1.31	0.09
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) [MASS=17417]	1.00	1.16	1.00	1.45	1.00	1.45	3	1.35	0.10
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	1.20	1.00	1.09	1.00	0.82	3	1.04	0.11
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	1.23	1.00	1.21	1.00	1.60	3	1.35	0.13
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	1.05	1.00	0.95	1.00	0.88	3	0.96	0.05
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	1.07	1.00	0.97	1.00	0.93	3	0.99	0.04
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	0.98	1.00	0.89	1.00	1.25	3	1.04	0.11
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	1.12	1.00	0.88	1.00	1.05	3	1.02	0.07
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	1.50	1.00	1.06	1.00	1.20	3	1.25	0.13
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	1.25	1.00	1.30	1.00	1.16	3	1.24	0.04
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	1.06	1.00	0.89	1.00	0.94	3	0.96	0.05
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	1.10	1.00	1.07	1.00	1.26	3	1.14	0.06

CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	1.19	1.00	1.22	1.00	1.36	3	1.26	0.05
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	1.32	1.00	1.21	1.00	1.22	3	1.25	0.04
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	1.53	1.00	1.13	1.00	1.12	3	1.26	0.14
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	1.38	1.00	1.09	1.00	1.38	3	1.28	0.10
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	0.84	1.00	0.91	1.00	0.74	3	0.83	0.05
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	0.94	1.00	1.18	1.00	1.47	3	1.20	0.15
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	1.23	1.00	1.13	1.00	1.20	3	1.19	0.03
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	1.00	1.00	0.99	1.00	0.97	3	0.99	0.01
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	1.34	1.00	1.04	1.00	1.01	3	1.13	0.11
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	1.55	1.00	1.28	1.00	1.49	3	1.44	0.08
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	1.02	1.00	1.24	1.00	0.82	3	1.03	0.12
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	1.52	1.00	1.21	1.00	1.27	3	1.33	0.09
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	1.42	1.00	1.36	1.00	1.34	3	1.37	0.02
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	0.93	1.00	1.02	1.00	1.30	3	1.08	0.11

KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	1.31	1.00	1.00	1.00	1.15	3	1.15	0.09
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	1.39	1.00	0.86	1.00	1.21	3	1.15	0.16
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	1.51	1.00	1.16	1.00	1.41	3	1.36	0.10
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	1.27	1.00	1.18	1.00	1.37	3	1.27	0.05
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	1.39	1.00	1.32	1.00	1.33	3	1.35	0.02
MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	1.46	1.00	1.20	1.00	1.29	3	1.32	0.08
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	1.26	1.00	0.98	1.00	0.94	3	1.06	0.10
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	1.43	1.00	1.14	1.00	1.15	3	1.24	0.10
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	1.36	1.00	0.87	1.00	1.58	3	1.27	0.21
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	1.35	1.00	1.14	1.00	1.26	3	1.25	0.06
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	0.85	1.00	1.01	1.00	1.08	3	0.98	0.07
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	1.03	1.00	1.07	1.00	1.17	3	1.09	0.04
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	1.31	1.00	1.15	1.00	1.30	3	1.25	0.05

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	1.79	1.00	1.08	1.00	1.13	3	1.33	0.23
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	1.09	1.00	0.88	1.00	0.99	3	0.99	0.06
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026]	1.00	0.86	1.00	1.44	1.00	1.09	3	1.13	0.17
S10AB_HUMAN (P31949) Protein S100-A11 (S100 calcium-binding protein A11) (Protein S100C) (Calgizzarin) (MLN 70) [MASS=11740]	1.00	1.27	1.00	1.19	1.00	1.28	3	1.25	0.03
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	1.19	1.00	1.29	1.00	1.18	3	1.22	0.04
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	1.11	1.00	1.14	1.00	1.06	3	1.10	0.02
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	1.31	1.00	0.93	1.00	1.01	3	1.08	0.12
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	1.03	1.00	1.07	1.00	1.12	3	1.07	0.03
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	1.13	1.00	1.14	1.00	1.14	3	1.14	0.00
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	1.29	1.00	1.11	1.00	0.90	3	1.10	0.11
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	1.13	1.00	0.95	1.00	1.18	3	1.09	0.07
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	1.29	1.00	1.20	1.00	0.91	3	1.13	0.11
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	1.28	1.00	1.06	1.00	0.86	3	1.07	0.12

VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	2.16	1.00	1.03	1.00	1.09	3	1.43	0.37
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	1.19	1.00	1.06	1.00	1.68	3	1.31	0.19
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	0.99	1.46	1.00	1.28	1.00	0.84	3	1.19	0.18
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610]	1.00	1.51	0.99	1.59	1.00	1.93	3	1.68	0.13
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	0.99	1.24	1.00	1.20	1.00	1.25	3	1.23	0.02
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	0.99	1.33	1.00	1.09	1.00	0.89	3	1.10	0.13
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	0.86	0.99	0.94	1.00	0.86	3	0.89	0.03
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	0.96	0.99	1.09	1.00	0.89	3	0.98	0.06
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	1.55	1.00	1.16	0.99	1.05	3	1.25	0.15
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	1.05	1.00	1.01	0.99	0.76	3	0.94	0.09
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	0.55	0.99	1.07	1.00	1.29	3	0.97	0.22
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.99	1.41	0.99	1.07	1.00	0.99	3	1.16	0.13
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	1.00	1.03	0.99	0.93	0.99	1.01	3	0.99	0.03
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	1.00	0.91	0.97	1.35	1.00	1.06	3	1.11	0.13

RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.99	1.17	0.98	1.09	1.00	0.87	3	1.04	0.09
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	0.98	1.06	1.00	0.81	0.99	0.76	3	0.88	0.09
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20 [MASS=14177]	1.00	0.74	1.00	0.80	0.96	0.94	3	0.83	0.06
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	1.15	1.00	0.88	0.96	1.40	3	1.14	0.15
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	0.96	1.04	1.00	1.30	1.00	1.56	3	1.30	0.15
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	1.00	1.64	0.96	0.93	1.00	1.09	3	1.22	0.22
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	4.60	0.99	1.45	0.98	1.09	3	2.38	1.11
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	0.96	1.20	0.98	1.26	1.00	1.05	3	1.17	0.06
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	1.53	1.00	1.68	0.94	1.55	3	1.59	0.05
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.94	0.97	1.00	0.88	1.00	0.99	3	0.95	0.03
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	0.97	1.00	0.97	1.10	1.00	0.90	3	1.00	0.06
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	0.93	1.15	1.00	0.85	1.00	0.95	3	0.98	0.09
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.99	0.90	0.95	1.11	0.99	1.25	3	1.09	0.10

MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	1.23	0.98	1.05	0.96	0.91	3	1.06	0.09
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	0.94	1.00	1.00	0.88	0.98	0.82	3	0.90	0.05
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.99	1.63	0.92	1.34	1.00	0.93	3	1.30	0.20
PYC_HUMAN (P11498) Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) [MASS=129633]	0.94	1.17	0.98	1.43	0.98	1.42	3	1.34	0.09
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.90	1.19	0.99	1.01	1.00	1.07	3	1.09	0.05
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	0.99	1.06	1.00	1.40	0.90	0.70	3	1.05	0.20
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	1.21	0.94	1.29	0.95	1.39	3	1.30	0.05
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.93	1.37	1.00	1.29	0.95	1.38	3	1.35	0.03
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.98	1.12	1.00	0.93	0.89	0.58	3	0.88	0.16
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	0.99	1.28	0.83	0.96	1.00	1.44	3	1.23	0.14
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	0.46	0.80	0.72	1.00	0.63	3	0.60	0.08
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.87	1.21	0.95	1.21	0.98	1.28	3	1.23	0.02
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	0.78	1.14	0.99	0.87	1.00	1.01	3	1.01	0.08

GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	1.15	0.75	1.21	1.00	1.25	3	1.20	0.03
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	1.52	1.00	1.20	0.75	0.85	3	1.19	0.19
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.99	0.45	0.77	0.84	0.98	0.55	3	0.61	0.12
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	0.73	0.96	1.00	1.00	1.00	1.19	3	1.05	0.07
ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781]	0.66	1.16	1.00	0.93	1.00	1.03	3	1.04	0.07
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.79	0.43	0.96	1.49	0.91	1.31	3	1.08	0.33
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.73	1.51	0.91	0.80	1.00	1.45	3	1.25	0.23
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	0.69	2.17	1.00	1.62	0.85	0.95	3	1.58	0.35
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.48	1.44	1.00	0.98	1.00	1.12	3	1.18	0.14
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	0.42	1.73	1.00	1.11	1.00	1.24	3	1.36	0.19
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.58	1.10	0.96	1.31	0.55	1.36	3	1.26	0.08
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	0.34	1.00	*	1.00	0.13	2	0.24	0.11

AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	*	*	1.00	0.97	1.00	1.01	2	0.99	0.02
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	1.38	*	*	1.00	1.11	2	1.25	0.13
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	0.75	1.00	0.88	*	*	2	0.82	0.07
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	*	*	1.00	0.98	1.00	0.93	2	0.96	0.02
KCC2G_HUMAN (Q13555) Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	1.00	1.48	*	*	1.00	0.92	2	1.20	0.28
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	1.22	1.00	1.20	*	*	2	1.21	0.01
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	1.00	1.35	0.00	*	1.00	1.03	2	1.19	0.16
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	1.00	1.54	0.99	1.01	*	*	2	1.28	0.27
ATPO_HUMAN (P48047) ATP synthase O subunit, mitochondrial precursor (EC 3.6.3.14) (Oligomycin sensitivity conferral protein) (OSCP) [MASS=23277]	*	*	1.00	1.12	0.99	1.01	2	1.07	0.06
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	*	*	0.99	0.86	1.00	1.22	2	1.04	0.18
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	1.00	0.68	*	*	0.99	0.96	2	0.82	0.14
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	*	*	0.99	1.20	1.00	0.56	2	0.88	0.32
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	*	*	0.98	0.92	1.00	0.77	2	0.85	0.08

2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	*	*	0.99	1.00	0.99	1.09	2	1.05	0.05
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	1.03	*	*	0.98	0.99	2	1.01	0.02
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	*	*	0.98	0.85	1.00	0.78	2	0.82	0.04
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	*	*	1.00	1.06	0.98	1.35	2	1.21	0.15
ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	*	*	0.98	2.45	1.00	1.25	2	1.85	0.60
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	0.78	0.99	0.92	*	*	2	0.85	0.07
GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	*	*	1.00	2.07	0.98	1.05	2	1.56	0.51
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	*	0.99	1.48	0.99	1.17	2	1.33	0.15
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	1.44	0.99	1.16	*	*	2	1.30	0.14
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.98	0.97	0.99	1.18	*	*	2	1.08	0.11
KAC_HUMAN (P01834) Ig kappa chain C region [MASS=11609]	*	*	0.99	1.22	0.98	0.88	2	1.05	0.17
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	*	*	0.99	1.32	0.98	1.33	2	1.33	0.01
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	*	*	1.00	0.93	0.97	0.94	2	0.94	0.00
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	*	*	0.98	1.40	0.98	1.76	2	1.58	0.18

NUCGL_HUMAN (Q9Y2C4) Endonuclease G-like 1 (EC 3.1.30.-) (Endo G-like) [MASS=41127]	*	*	0.98	1.15	0.98	1.03	2	1.09	0.06
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	*	*	0.94	0.89	0.99	0.82	2	0.86	0.04
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	0.92	2.33	*	*	1.00	2.58	2	2.46	0.13
MCCA_HUMAN (Q96RQ3) Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial precursor (EC 6.4.1.4) (3-methylcrotonyl-CoA carboxylase 1) (MCCase alpha subunit) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha) (3-methylcrotonyl-CoA carboxyla [MASS=80473]	*	*	0.92	0.87	1.00	0.99	2	0.93	0.06
NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	*	*	0.93	1.65	0.98	1.65	2	1.65	0.00
ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoylysine-residue (2-methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	*	*	0.92	1.11	0.99	0.95	2	1.03	0.08
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	0.91	1.11	*	*	1.00	0.77	2	0.94	0.17
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412]	*	*	0.95	0.86	0.96	1.04	2	0.95	0.09
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	*	*	1.00	0.84	0.90	0.72	2	0.78	0.06
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	*	*	0.99	0.83	0.88	0.86	2	0.85	0.02
SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	*	*	0.88	1.26	0.99	1.04	2	1.15	0.11
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	0.97	1.09	*	*	0.89	0.81	2	0.95	0.14
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.86	0.92	1.00	1.51	*	*	2	1.22	0.30

ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	*	*	1.00	1.08	0.81	1.54	2	1.31	0.23
PEBP1_HUMAN (P30086) Phosphatidylethanolamine-binding protein 1 (PEBP-1) (Prostatic-binding protein) (HCNPPp) (Neuropolypeptide h3) (Raf kinase inhibitor protein) (RKIP) [Contains: Hippocampal cholinergic neurostimulating peptide (HCNP)] [MASS=20925]	0.95	0.87	*	*	0.86	0.94	2	0.91	0.03
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	*	*	0.90	1.17	0.90	1.35	2	1.26	0.09

**Table 11. LAD Mitochondrial Study
Experiment 1**

Description	A = Protein Score B = Percent Coverage C = XPress H2L Ratio D = XPress Std. Dev.				E = XPress Peptides F = Unique Peptides G = Charge H = Instances				Peptide Sequence	H
	A	B	C	D	E	F	G			
1433E_HUMAN (P62258) 14-3-3 protein epsilon (14-3-3E) [MASS=29174]	0.00	9.02	0.24	0.00	1	1	3	LGLALNFSVFYYEILNSPDRAC[330]R	1	
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	*	3.57	*	*	*	1	3	M[147]TTLFC[339]INVLSEVC[330]GQDITTK	1	
2ABA_HUMAN (P63151) Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform (PP2A, subunit B, B-alpha isoform) (PP2A, subunit B, B55-alpha isoform) (PP2A, subunit B, PR55-alpha isoform) (PP2A, subunit B, R2-alpha isoform) [MASS=51692]	0.00	5.82	0.85	0.00	1	1	3	FEC[330]C[330]WNGSDSVVM[147]TGSYNNFFRM[147]FDR	1	
5NT1B_HUMAN (Q96P26) Cytosolic 5'-nucleotidase 1B (EC 3.1.3.5) (Cytosolic 5'-nucleotidase IB) (cN1B) (cN-IB) (Autoimmune infertility-related protein) [MASS=68803]	*	0.82	*	*	*	1	1	GYLVR	1	
5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	*	1.60	*	*	*	1	2	HLDSSSNER	1	
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	12.09	1.41	0.04	4	3	2	NLDKEYLPIGGLAEFC[339]K	2	
							2	NLDKEYLPIGGLAEFC[330]K	1	
							2	GMADRIIGM[147]RTQLVSNLK	1	
							3	HFIEQGINVC[339]LC[339]QSYAK	1	

ABCB6_HUMAN (Q9NP58) ATP-binding cassette sub-family B member 6, mitochondrial precursor (Mitochondrial ABC transporter 3) (Mt ABC transporter 3) (ABC transporter umat) [MASS=93885]	*	1.07	*	*	*	1	1	DLPGAGPLR	1
ABLM1_HUMAN (O14639) Actin-binding LIM protein 1 (Actin-binding LIM protein family member 1) (abLIM-1) (Actin-binding double-zinc-finger protein) (LIMAB1) (Limatin) [MASS=87644]	0.00	8.10	1.48	0.00	1	3	3	VQTKHFHIKC[339]FTC[330]K	1
							3	C[339]NQMFTEGEEMYLQGSTVWHPDC[339]K	1
							3	QLQEEQLMKLNSGLGQLILKEEMK	1
ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	*	7.04	*	*	*	1	3	GC[339]ASTGVIM[147]SVNNSLYLGPIKFGSKEQK	1
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	0.99	3.46	1.46	0.00	1	2	1	DFTPGK	1
							2	VAVPSTIHC[339]DHLIEAQVGGEK	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	21.79	1.16	0.11	5	2	3	LMC[339]PQEIVDYIADKK	1
							3	LM[147]C[339]PQEIVDYIADKKDVYE	2
							3	LM[147]C[330]PQEIVDYIADKKDVYE	3
ACSL6_HUMAN (Q9UKU0) Long-chain-fatty-acid--CoA ligase 6 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 6) (LACS 6) [MASS=77680]	0.98	1.72	1.42	0.00	1	1	2	ALC[339]PTIFPVVPR	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	16.00	1.20	0.09	4	3	3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIM[147]K	1
							2	C[339]DVDIRK	1
							3	EKLC[330]YVALDFEQEMATAASSSSLEK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIMK	1
							3	C[339]PEALFQPSFLGM[147]ESC[339]GIHETTFNSIM[147]K	1
ACTN4_HUMAN (O43707) Alpha-actinin-4 (Non-muscle alpha-actinin 4) (F-actin cross linking protein) [MASS=104853]	*	2.96	*	*	*	1	3	MEEIGRISIEMNGTLEDQLSHLKQYER	1

							2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
							2	VKLLLQVQHASK	1
							2	EFHGLGDC[339]IIK	2
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	23.57	1.23	0.05	12	4	1	EFHGLGDC[339]IIK	1
							3	TAVAPIERVKLLLQVQHASK	1
							2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	3
							2	EFHGLGDC[330]IIK	1
							3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	3
							3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	1
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.00	2.69	*	*	*	1	1	GLGDC[330]LVK	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	0.33	7.78	1.17	0.00	1	4	2	EVLKNDMVELLGPRPFAEK	1
							2	KNAPC[339]ILFIDEIDAVGR	1
							2	HFEQAIERVIGGLEK	1
							2	NDMVELLGPR	1
AGAL_HUMAN (P06280) Alpha-galactosidase A precursor (EC 3.2.1.22) (Melibiase) (Alpha-D- galactoside galactohydrolase) (Alpha-D- galactosidase A) (Agalsidase alfa) [MASS=48767]	0.00	8.62	2.10	0.00	1	2	3	QYC[330]NHWRNFADIDDSWKSIIK	1
							2	GVAC[339]NPAC[339]FITQLLPVK	1
AGRN_HUMAN (O00468) Agrin precursor [MASS=214888]	*	0.64	*	*	*	1	2	YDLGKGAIVRSR	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia [MASS=453664]	*	1.23	*	*	*	3	2	GSIIINLETR	1
							2	QRDGIIITQLTANLQQAR	1
							2	QIQEKTDIIDRLEQELLC[330]JASNR	1

ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	1.00	12.48	1.03	0.21	4	4	2	RPC[339]FSALEVDETYVPK	1
							2	ALVLIAFAQYLQQC[339]PFEDHVK	1
							2	SLHTLFGDKLC[330]TVATLR	1
							3	VHTEC[330]C[330]HGDLLC[330]ADDRADLAK	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	0.96	2.13	1.20	0.00	1	1	2	LLC[339]GGGIAADR	1
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.99	7.71	0.90	0.00	1	1	3	ALSDHHIYLEGTLLKPNM[147]VTPGHAC[339]TQK	1
ALKB3_HUMAN (Q96Q83) Alkylated repair protein alkB homolog 3 (Prostate cancer antigen 1) (DEPC-1) [MASS=33374]	0.00	6.64	0.46	0.00	1	1	3	C[330]PIIASLSFGATRTFEM[147]RK	1
AN30A_HUMAN (Q9BXX3) Ankyrin repeat domain-containing protein 30A (NY-BR-1 antigen) [MASS=152673]	0.00	1.34	0.12	0.05	2	1	2	LEGSPVKDGLLKANC[330]GMK	2
ANK1_HUMAN (P16157) Ankyrin-1 (Erythrocyte ankyrin) (Ankyrin-R) [MASS=206144]	0.50	0.69	*	*	*	1	2	ALNGFTPLHIAC[339]K	1
ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.50	1.17	1.44	0.00	1	3	2	TEKHSPVSPSTKTER	1
							3	C[339]LLRNGALVDAR	1
							3	TVAPQGQDM[147]ASIAPDNRSK	1
							3	SVVSPVKSRVDVISSAK	1
							1	SSSSEK	1
							2	ESPSSDVFDHSPIDGLEK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	0.50	2.79	*	*	*	9	3	KTTKGLPQTAVC[339]NLNITLPAHK	1
							2	EMYVYQK	1
							2	VGLQAQVPVDEIVKK	1
							3	GKERELIVLR	1
							2	TEKLNDELQSPEKK	1
							3	DSM[147]M[147]IEELLVPSK	1
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	*	2.45	*	*	*	1	3	SEHQFNIDSM[147]VHK	4
ANR50_HUMAN (Q9ULJ7) Ankyrin repeat domain-containing protein 50 [MASS=149588]	0.00	2.04	0.61	0.00	1	1	3	YGASSLNGC[330]SPSPVHTMEQKPLQSLSSK	1

ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	1.00	7.10	1.54	0.04	5	1	2	GDLENAFLNLVQC[339]IQNKPLYFADR	2
							3	GDLENAFLNLVQC[339]IQNKPLYFADR	2
							3	GDLENAFLNLVQC[330]IQNKPLYFADR	1
ANXA7_HUMAN (P20073) Annexin A7 (Annexin VII) (Synexin) [MASS=52739]	0.62	3.28	1.22	0.00	1	1	2	TILQC[339]ALNRPAFFAER	1
AOFA_HUMAN (P21397) Amine oxidase [flavin- containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.99	5.31	1.41	0.00	1	1	3	LNHPVTHVDQSSDNIIIETLNHEHYEC[339]K	1
AOFB_HUMAN (P27338) Amine oxidase [flavin- containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	*	6.17	*	*	*	1	3	C[330]DVVVVGGGIGSMAAAKLLHDSGLNVVVLEAR	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	0.37	2.00	1.03	0.00	1	2	2 C[339]AIKVEQSAER 2 YNDPIYVK	1 1	
APC_HUMAN (P25054) Adenomatous polyposis coli protein (Protein APC) [MASS=311644]	*	0.67	*	*	*	1	3	NM[147]GGILGEDLTLDLKDQIR	1
AQP11_HUMAN (Q8NBQ7) Aquaporin-11 (AQP-11) [MASS=30203]	0.00	11.81	6.41	0.00	1	1	3	M[147]SPLLGLRSELQDTC[339]TSLGLMLSVLLMGLAR	1
ARBK2_HUMAN (P35626) Beta-adrenergic receptor kinase 2 (EC 2.7.11.15) (Beta-ARK-2) (G-protein-coupled receptor kinase 3) [MASS=79677]	0.00	2.91	0.19	0.00	1	1	3	GGKQFVLQC[330]ESDPEFVQWKK	1
ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	*	3.25	*	*	*	2	3 ILSQSTDLSNM[147]R 2 STWIRVIQQSVRTC[330]PSR	1 1	
ARHG3_HUMAN (Q9NR81) Rho guanine nucleotide exchange factor 3 (Exchange factor found in platelets and leukemic and neuronal tissues) (XPLN) [MASS=59782]	0.00	5.89	1.18	0.00	1	2	1 SISFR 3 LEQM[147]DQSDSESDC[330]SM[147]DTSEVSLDC[330]ER	1 1	

ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	0.88	*	*	*	1	3	TSDC[339]IGSEGM[147]K	1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	*	0.33	*	*	*	1	1	APPDER	2
AT10B_HUMAN (O94823) Probable phospholipid-transporting ATPase VB (EC 3.6.3.1) [MASS=165390]	0.00	1.71	1.09	0.00	1	1	3	EAGIQLWVLTGDKQETAVNIAHSC[330]R	1
AT10D_HUMAN (Q9P241) Probable phospholipid-transporting ATPase VD (EC 3.6.3.1) (ATPVD) [MASS=160319]	0.20	5.40	0.65	0.61	2	4	3	C[330]SVAGFDYC[330]HEENAR	1
							3	DDDSGPYNYSSLAC[339]GRK	1
							3	LGQIFYIQSDVDFYNEKM[147]DSIVQC[339]R	2
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+)-ATPase subunit alpha) [MASS=115898]	0.00	0.86	*	*	*	1	2	RMSVVVRHPLSNQVVVYTK	1
							2	LIIVEGC[330]QR	1
							3	DGPNALTPPPTTPEWIKFC[330]R	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+-ATPase 1) [MASS=112895]	1.00	5.57	1.05	0.08	7	4	3	AVAGDASESALLK	1
							2	C[339]SSILLHGK	2
							2	NIAFFSTNC[339]VEGTAR	1
							2	C[330]SSILLHGK	1
							1	C[330]SSILLHGK	2
							1	C[339]SSILLHGK	1

AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na ⁺ /K ⁺ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	10.56	1.07	0.10	13	7	2	KYNTDC[330]VQGLTHSK	1
							2	VLGFC[339]HYYPPEEQFPK	1
							2	NITFFSTNC[339]VEGTAR	1
							1	IISAHGC[330]K	1
							1	IISAHGC[339]K	1
							2	VLGFC[330]HYYPPEEQFPK	1
							2	KYNTDC[339]VQGLTHSK	2
							3	VLGFC[330]HYYPPEEQFPK	1
							2	SPDC[339]THDNPLETR	2
							2	C[330]IELSSGSVK	1
AT1A4_HUMAN (Q13733) Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na ⁺ /K ⁺ ATPase 4) [MASS=114166]	0.00	4.08	*	*	*	2	2	SPDC[330]THDNPLETR	2
							3	AC[330]VIHGTDLKDFTSEQIDEILQNHTEIVFAR	1
							2	AIAKGVGIIEGTTETAEVAARLK	1
							3	KEVVMDDHKLTLLEELSTK	1
							2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
							2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
							2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	4.29	0.98	0.02	2	1	2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
							2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
							2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
							2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
							2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	*	1.44	*	*	*	1	2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[330]VQPATK	1
							2	NYLEPGKEC[330]VQPATK	1
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	0.00	6.52	0.44	0.00	1	5	2	EYEPED[147]GKVR	1
							1	DAPPRK	1
							3	C[330]GQFDGLVELATIC[330]ALC[330]NDSALDYNEAK	1
							2	NM[147]LFSGTNITSGK	1
							2	C[339]FARVEPAHK	1
							2	C[339]FARVEPAHK	1
							2	C[339]FARVEPAHK	1
							2	C[339]FARVEPAHK	1
							2	C[339]FARVEPAHK	1
							2	C[339]FARVEPAHK	1
ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	*	1.29	*	*	*	1	2	IGASLADVDP[147]QLDSSVR	1
							2	IGASLADVDP[147]QLDSSVR	1
							2	IGASLADVDP[147]QLDSSVR	1
							2	IGASLADVDP[147]QLDSSVR	1
							2	IGASLADVDP[147]QLDSSVR	1
							2	IGASLADVDP[147]QLDSSVR	1
							2	IGASLADVDP[147]QLDSSVR	1
							2	IGASLADVDP[147]QLDSSVR	1
							2	IGASLADVDP[147]QLDSSVR	1
							2	IGASLADVDP[147]QLDSSVR	1

ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	*	0.36	*	*	*	1	3	ILPTPETVPFR	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.58	16.18	1.10	0.06	2	1	2	IC[330]SLHSLPPQS	2
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	4.34	1.12	0.02	5	2	2	LYC[339]IYVAIGQK	1
							1	LYC[339]IYVAIGQK	2
							2	KKLYC[339]IYVAIGQK	1
							2	LYC[330]IYVAIGQK	1
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	1.50	0.08	5	1	1	GLC[339]GAIHSSIAK	1
							1	GLC[330]GAIHSSIAK	1
							2	GLC[330]GAIHSSIAK	2
							2	GLC[339]GAIHSSIAK	1
ATS14_HUMAN (Q8WXS8) ADAMTS-14 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 14) (ADAM-TS 14) (ADAM-TS14) [MASS=133871]	*	1.14	*	*	*	1	3	QLWC[339]SHPDNPYFC[330]K	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	0.00	11.03	4.55	0.00	1	7	3	TRPVTGLVPC[339]K	1
							3	C[330]SHLPKPSLELERAC[339]APLPC[339]PR	1
							3	KSEGNIMSPTLAGRNGVFSWSPC[339]SR	1
							3	PRM[147]HEAC[339]LLQRC[330]HK	1
							3	FM[147]PAAEGTIC[330]GHDM[147]WC[330]R	1
							2	SHRNSSVALSTC[330]QGLSGM[147]IR	1
							3	AVAC[330]KSTNPSARAQLLPDAVC[339]TSEPK	1
ATS5_HUMAN (Q9UNA0) ADAMTS-5 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 5) (ADAM-TS 5) (ADAM-TS5) (Aggrecanase-2) (ADMP-2) (ADAM-TS 11) [MASS=101715]	*	3.12	*	*	*	1	3	DGSVGIAGFVPAGGGTSAPWRHRSHC[330]FYR	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	0.00	3.10	*	*	*	3	3	C[339]GGYC[330]GKC[330]TPSSGTGLEVR	1
							3	SVQC[339]LTNEDQPSHLC[330]HTDLK	1
							2	SPQHVM[147]APTLNFYTNPWWWSK	2

AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	0.35	10.32	1.25	0.00	1	1	3	AVINDIANLPVPTIAAIDGLALGGGLELALAC[330]DIR	1
AUP1_HUMAN (Q9Y679) Ancient ubiquitous protein 1 precursor [MASS=53028]	0.00	2.31	0.36	0.00	1	1	3	TM[147]C[330]AVLGLVAR	1
B3GN3_HUMAN (Q9Y2A9) UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (EC 2.4.1.-) (Beta3Gn-T3) (BGnT-3) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (Core1-beta3GlcNAcT) (Beta-1,3-galactosyltransferase 8) (Beta-1,3-GalTase 8) [MASS=42515]	*	5.38	*	*	*	1	3	VQEQPPAIPALAWPTPPTTR	1
BAI1_HUMAN (O14514) Brain-specific angiogenesis inhibitor 1 precursor [MASS=173532]	*	0.69	*	*	*	1	2	C[339]SWTLRNPDPTR	1
BAZ1A_HUMAN (Q9NRL2) Bromodomain adjacent to zinc finger domain protein 1A (ATP-utilizing chromatin assembly and remodeling factor 1) (hACF1) (ATP-dependent chromatin remodelling protein) (Williams syndrome transcription factor-related chromatin remodeli [MASS=178673]	*	1.03	*	*	*	1	3	LSSTSVYDLTPGEKM[147]K	1
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	0.00	5.56	0.23	0.00	1	2	3 2	IEDTGGSGGSYSIK FC[330]LPYRMDVEK	1 1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	*	4.33	*	*	*	4	3 2 3 3	TDVLC[330]ADEEEDC[330]QAASLLQKYTDNSEK PNPNWNQGKTVVKSDK LLLSYGADPTLATYSGR ADHMKKM[147]APTVLVHSR	1 1 1 1
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	0.00	0.81	0.98	0.00	1	1	2	GWFPILFELSC[330]IINR	1

BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	0.00	2.07	*	*	*	2	2	PLGEGPPDPKSHELR	1
							3	TTIPHVLLTWRPVGMEEDSSEK	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	*	0.66	*	*	*	2	3	EKSSNVKNENTSGTR	1
							2	IRLHTGLLLVQLC[339]GGER	1
BKRB2_HUMAN (P30411) B2 bradykinin receptor (BK-2 receptor) (B2R) [MASS=44460]	0.45	6.14	0.57	0.00	1	1	3	VVNAIISMNLYSSIC[330]FLM[147]LVSIDR	1
BMP1_HUMAN (P13497) Bone morphogenetic protein 1 precursor (EC 3.4.24.19) (BMP-1) (Procollagen C-proteinase) (PCP) (Mammalian tolloid protein) (mTld) [MASS=111248]	*	5.48	*	*	*	3	3	AATSRPERVWPDGVIPFVIGGNFTGSQR	1
							3	C[339]EAAC[339]GGFLTK	1
							2	DYGHIQSPNYPDDYR	1
BOC_HUMAN (Q9BWV1) Brother of CDO precursor (Protein BOC) [MASS=121059]	*	2.24	*	*	*	1	3	VYERPVAGPYITFTDAVNETTIMLK	1
BPAEB_HUMAN (Q8W XK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	*	0.65	*	*	*	1	2	LINSQFPFPQITNNEELNQK	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	0.00	1.78	0.18	0.00	1	4	2	DLELAC[330]ETIEITAAPK	1
							3	KPSYILQKSTFEV PENQMTILK	1
							1	LSGQFMK	1
							2	QKQNI DGHGSDDSKNK	1
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	0.00	4.06	14.44	0.00	1	2	3	SEQEPGGGLGRKATPR	1
							3	ISIFDPLEIILEDLTAQEMSEC[339]NSNK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	*	1.25	*	*	*	3	3	ASPLPSKASPQAKPLR	1
							2	TPSSVQEKKTR	1
							2	IADSSVQTDD EDGESRYLLSRR	1
BTAF1_HUMAN (O14981) TATA-binding protein-associated factor 172 (EC 3.6.1.-) (ATP-dependent helicase BTAF1) (TBP-associated factor 172) (TAF-172) (TAF(II)170) (B-TFIID transcription factor-associated 170 kDa subunit) [MASS=206886]	*	3.95	*	*	*	5	3	SALQRISVALVIC[339]EWAALQK	1
							2	ETC[330]AQTLGVVLKHMNETGVHK	1
							1	HGAGTGLR	2
							2	EQEAGVLAMDALHR	1
							2	LLTQEQWEVR	1

C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	9.57	1.53	0.03	2	1	2 3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1 1
C1QC_HUMAN (P02747) Complement C1q subcomponent subunit C precursor [MASS=25773]	*	4.49	*	*	*	1	2	LLLLLLLLPLR	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.51	0.00	2	1	2 2	SLC[330]LGPALHTAK SLC[339]LGPALHTAK	1 1
CABL2_HUMAN (Q9BTV7) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	0.00	3.56	2.28	0.00	1	1	2	RSLC[339]AAFSVLPYGEGLR	1
CAC1S_HUMAN (Q13698) Voltage-dependent L-type calcium channel subunit alpha-1S (Voltage-gated calcium channel subunit alpha Cav1.1) (Calcium channel, L type, alpha-1 polypeptide, isoform 3, skeletal muscle) [MASS=212163]	*	0.48	*	*	*	1	2	VESSM[147]PEDR	1
CAD17_HUMAN (Q12864) Cadherin-17 precursor (Liver-intestine-cadherin) (LI-cadherin) (Intestinal peptide-associated transporter HPT-1) [MASS=92148]	*	2.28	*	*	*	2	2 1	INGTHARLSTR YNASSFAK	1 1
CALI_HUMAN (Q13939) Calicin [MASS=66555]	0.00	1.70	18.28	0.00	1	1	3	PC[339]SLLVYQRK	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	0.31	5.41	4.37	0.00	1	1	3	LNKPFLFDTKPLIVQYEVNFQNGIEC[339]GGAYVK	1
CATA_HUMAN (P04040) Catalase (EC 1.11.1.6) [MASS=59625]	*	1.14	*	*	*	1	1	TDQGIK	1

CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	*	3.88	*	*	*	1	2	RTM[147]SEVGGSVEDLIAK	1
CATS_HUMAN (P25774) Cathepsin S precursor (EC 3.4.22.27) [MASS=37495]	*	3.02	*	*	*	1	2	NITYKSNPNR	1
CC020_HUMAN (Q8ND61) Protein C3orf20 [MASS=101268]	*	3.65	*	*	*	2	3 1	SQSGHLESSIAETLKDEPESAPVSPVR KIGKSR	1 1
CC28B_HUMAN (Q9BUN5) Coiled-coil domain-containing protein 28B [MASS=26904]	*	2.49	*	*	*	1	1	LQAFGK	1
CCD22_HUMAN (O60826) Coiled-coil domain-containing protein 22 [MASS=70755]	*	4.15	*	*	*	2	3 2	TLGVSVFQAESEC[339]RHSK DAKKDDAVR	1 1
CCD94_HUMAN (Q9BW85) Coiled-coil domain-containing protein 94 [MASS=37086]	*	10.22	*	*	*	2	2 3	ETVQNEVYLGLPIFR LM[147]APFNM[147]RC[339]KTC[339]GEYIYK	1 1
CCNT2_HUMAN (O60583) Cyclin-T2 (CycT2) [MASS=81028]	*	2.33	*	*	*	1	3	DTFDM[147]LDSLLSAQGM[147]NM[147]	1
CD20_HUMAN (P11836) B-lymphocyte antigen CD20 (B-lymphocyte surface antigen B1) (Leu-16) (Bp35) [MASS=33077]	*	11.45	*	*	*	2	1 3	KC[339]LVK GK M[147]ESLNFIRAHTPYINIYNC[330]EPANPSEK	1 1
CD34_HUMAN (P28906) Hematopoietic progenitor cell antigen CD34 precursor [MASS=40716]	*	10.65	*	*	*	2	1 3	GARAGPR TLIALVTSGALLAVLGITGYFLM[147]NRRSWSP TGER	3 1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	9.38	0.74	0.29	5	1	2	LRENELTYYC[330]C[330]K LRENELTYYC[339]C[339]K	2 3
CD72_HUMAN (P21854) B-cell differentiation antigen CD72 (Lyb-2) [MASS=40220]	0.00	3.90	3.80	0.00	1	1	2	AVTSPAVGRILPC[339]R	1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	*	11.86	*	*	*	1	3	DQIAKDV KQFYDQALQQAVVDD DANN AK	1

CD82_HUMAN (P27701) CD82 antigen (Inducible membrane protein R2) (C33 antigen) (IA4) (Metastasis suppressor Kangai 1) (Suppressor of tumorigenicity-6) (Tetraspanin-27) (Tspan-27) [MASS=29625]	0.00	7.49	0.29	0.00	1	1	2	TQSGNHPEDWVPVYQEGC[330]M[147]EK	1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	1.00	11.01	0.14	0.10	2	1	3 3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK AIHYALNC[330]C[330]GLAGGVEQFISDIC[330]PK	1 1
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.99	14.14	0.45	0.00	1	2	3 2	AVKYVEC[339]SALTQRGLK WVPEITHHC[330]PK	1 1
CENG1_HUMAN (Q99490) Centaurin-gamma 1 (ARF-GAP with GTP-binding protein-like, ankyrin repeat and pleckstrin homology domains 2) (AGAP-2) (Phosphatidylinositol-3-kinase enhancer) (PIKE) (GTP-binding and GTPase-activating protein 2) (GGAP2) [MASS=124673]	1.00	1.85	3.80	0.02	4	1	2 3	DAWVQAIESQILASLQC[339]C[339]ESSK DAWVQAIESQILASLQC[339]C[339]ESSK	1 3
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitotin) (AH antigen) [MASS=367592]	0.00	0.28	0.65	0.00	1	1	2	LEQELKRC[339]K	1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	0.00	7.37	1.29	0.00	1	2	3 2	QQUEAEWESINVLLM[147]MHGLKPLSLVKR RTEQEETIASLQMEVC[330]R	1 1
CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-.-) (Zinc finger protein Cezanne 2) (OTU domain-containing protein 7) [MASS=100676]	*	1.84	*	*	*	1	3	MGRANSANGKNGDSAER	1
CF096_HUMAN (Q9NWS8) Protein C6orf96 [MASS=51604]	0.00	5.79	0.57	0.00	1	1	3	LNSELDLDDAILEKFAFSNALC[330]LSVK	1
CGL_HUMAN (P32929) Cystathionine gamma-lyase (EC 4.4.1.1) (Gamma-cystathionase) [MASS=44508]	*	8.40	*	*	*	1	3	HGDIILVVDNTFM[147]SPYFQRPLALGADISMYSATK	1

CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	0.99	6.28	1.24	0.04	2	2	3	DPGM[147]GAM[147]GGMGGGMGGGMF	2
							2	AAVEEGIVLGGGC[339]ALLR	2
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	0.99	5.73	1.33	0.00	1	1	2	YESHPVC[339]ADLQAK	1
CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	1.00	5.96	1.20	0.00	2	1	2	DRPHEVLLC[330]SDLVK	1
							2	DRPHEVLLC[339]SDLVK	1
CHD6_HUMAN (Q8TD26) Chromodomain-helicase-DNA-binding protein 6 (EC 3.6.1.-) (ATP-dependent helicase CHD6) (CHD-6) (Radiation-induced gene B protein) [MASS=305410]	0.00	1.22	1.37	0.00	1	2	3	KMTSHNGM[147]EDSGGGGTGVKK	1
							2	KNC[339]ILADEM[147]GLGK	1
CHD9_HUMAN (Q3L8U1) Chromodomain-helicase-DNA-binding protein 9 (EC 3.6.1.-) (ATP-dependent helicase CHD9) (CHD-9) (Chromatin-related mesenchymal modulator) (CReMM) (Chromatin remodeling factor CHROM1) (Peroxisomal proliferator-activated receptor A-inter [MASS=326004]	*	0.38	*	*	*	1	3	C[339]ETDRRMVAAR	1
CHX10_HUMAN (P58304) Homeobox protein CHX10 (Ceh-10 homeodomain-containing homolog) [MASS=39410]	*	5.26	*	*	*	1	2	C[339]WGRSSVM[147]AEYGLYGAMVR	1
							1	LPC[339]VAAK	2
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	1.00	3.43	1.21	0.02	3	2	1	GFSIPEC[330]QK	1
							1	LPC[330]VAAK	2
							2	KFPFC[330]DGAHTK	1
							2	FPFC[339]DGAHTK	1
							1	KFPFC[330]DGAHTK	1
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.25	0.05	7	3	1	KFPFC[339]DGAHTK	1
							2	KFPFC[339]DGAHTK	1
							3	IVHAFDM[147]EDLGDKAVYC[339]R	1
							2	FPFC[330]DGAHTK	1

CK002_HUMAN (Q9UID3) Protein C11orf2 (Another new gene 2 protein) [MASS=86042]	*	2.56	*	*	*	1	2	RLAQEQGGGDNSLLVRALDR	1
CL011_HUMAN (Q9NVM9) Protein C12orf11 (Sarcoma antigen NY-SAR-95) [MASS=80225]	*	1.42	*	*	*	1	3	GRIIC[330]ITNAK	1
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	2.57	1.38	0.07	2	3	2	IHEGC[339]EEPATHNALAK	1
							2	YESLELC[339]RPVLQQGR	1
							3	VKQLPLVKPYLR	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	*	0.37	*	*	*	1	1	KDHLYK	1
CLIC4_HUMAN (Q9Y696) Chloride intracellular channel protein 4 (Intracellular chloride ion channel protein p64H1) [MASS=28641]	0.42	7.14	1.02	0.00	1	1	2	TDVNKIEEFLEEVLIC[339]PPK	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	0.73	3.54	0.96	0.06	2	2	2	DIPFSAIYFPVYAHIC[339]K	2
							2	GTAARVFR	1
CMC2_HUMAN (Q9UJS0) Calcium-binding mitochondrial carrier protein Aralar2 (Mitochondrial aspartate glutamate carrier 2) (Solute carrier family 25 member 13) (Citrin) [MASS=74175]	0.35	2.37	1.12	0.00	1	1	2	DIPFSAIYFPC[339]YAHVK	1
							2	RPPGVLHC[339]TTK	3
							1	RPPGVLHC[330]TTK	1
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	19.71	1.06	0.07	16	5	2	LDEDLAAYC[330]R	1
							3	DKPELQFPFLQDEDTVATLLEC[339]K	1
							2	RLDEDLAAYC[330]R	1
							2	DKPELQFPFLQDEDTVATLLEC[339]K	2
							3	AHITLGC[330]AADVEAVQTGLDLLEILRQEK	1
							1	LDEDLAAYC[330]R	1
							2	RLDEDLAAYC[339]R	1
							1	LDEDLAAYC[339]R	1
							2	DKPELQFPFLQDEDTVATLLEC[330]K	1
							2	RPPGVLHC[330]TTK	2

CND1_HUMAN (Q15021) Condensin complex subunit 1 (Chromosome condensation-related SMC-associated protein 1) (Chromosome-associated protein D2) (hCAP-D2) (XCAP-D2 homolog) [MASS=157168]	0.00	3.50	2.12	0.00	1	2	3	VPAILMSSM[147]C[339]ILLDHLGDGENYMM[147]R	1
							3	LLESFETMASQTNLVDLDLGKGKK	1
CNGB3_HUMAN (Q9NQW8) Cyclic nucleotide-gated cation channel beta 3 (CNG channel beta 3) (Cyclic nucleotide-gated channel beta 3) (Cone photoreceptor cGMP-gated channel subunit beta) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=92249]	*	1.73	*	*	*	1	3	DVIGAATANQNYFR	1
CO2_HUMAN (P06681) Complement C2 precursor (EC 3.4.21.43) (C3/C5 convertase) [Contains: Complement C2b fragment; Complement C2a fragment] [MASS=83267]	*	3.46	*	*	*	1	3	MGVEWTSC[330]AEVVSQEKTM[147]FPNLTDVR	1
CO3A1_HUMAN (P02461) Collagen alpha-1(III) chain precursor [MASS=138554]	0.00	7.71	0.95	0.00	1	5	3	GEGGPPGVAGPPGGSPAGPPGPQGVK	1
							2	DGTSGHPPGPIGPPGPR	1
							2	GGAGEPGKNGAKGEPGPR	1
							3	GFPGNPGAPGSPGPAGQQGAIGSPGPAGPR	1
							3	VFC[339]NM[147]ETGETC[339]ISANPLNVPRK	1
CO6A2_HUMAN (P12110) Collagen alpha-2(VI) chain precursor [MASS=108573]	*	2.36	*	*	*	1	3	QFVPQFISQLQNEFYLDQVALSWR	1
CO6A3_HUMAN (P12111) Collagen alpha-3(VI) chain precursor [MASS=343550]	*	4.06	*	*	*	7	3	GNPGEPGLNGTTGPK	1
							3	AC[330]C[339]GVPC[330]KC[330]SGQR	1
							3	IKNLQVALTSKQQSLETAM[147]SFVAR	1
							3	RDIVFLVDGSSALGLANFNIR	1
							3	SASSSTINLM[147]VSTEPLALTETDIC[330]K	1
							1	VAVVQYSDR	1
							2	FWYGGC[330]GGNENKFGSQKEC[339]EK	1
COEA1_HUMAN (Q05707) Collagen alpha-1(XIV) chain precursor (Undulin) [MASS=193484]	*	0.72	*	*	*	1	3	QVC[339]EQLIQSHM[147]AR	1
COG1_HUMAN (Q8WTW3) Conserved oligomeric Golgi complex component 1 [MASS=108978]	0.00	1.53	0.81	0.00	1	1	2	QC[330]ILGKSESSEKPAR	1

COPG2_HUMAN (Q9UBF2) Coatomer subunit gamma-2 (Gamma-2 coat protein) (Gamma-2 COP) [MASS=97622]	*	2.76	*	*	*	2	3	ALC[339]RITDGTMLQAIER	1
							1	TLNKVAM[147]K	4
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.93	4.65	1.37	0.04	3	1	1	C[339]GAHYK	5
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	26.98	1.10	0.06	3	1	2	M[147]C[330]LYFGSAFATPFLVVR	1
							2	M[147]C[339]LYFGSAFATPFLVVR	1
							2	MC[330]LYFGSAFATPFLVVR	1
CPSF7_HUMAN (Q8N684) Cleavage and polyadenylation specificity factor 7 (Cleavage and polyadenylation specificity factor 59 kDa subunit) (CPSF 59 kDa subunit) (Pre-mRNA cleavage factor Im 59 kDa subunit) [MASS=52050]	0.57	1.70	1.69	0.00	1	1	1	REC[339]VRVPR	2
CSK12_HUMAN (Q8WXE0) Caskin-2 [MASS=126710]	0.00	2.58	1.22	0.00	1	2	1	VGIPAAR	1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	0.00	2.27	0.24	0.00	1	4	3	VPGAGTAPKPVSVAC[339]TQLAFSGPK	1
							3	DTVVYQC[330]NPGFRLVGTSVRIC[330]LQDHK	1
							3	RGTLSPGYPEPYGNLNC[330]IWK	1
							2	EAC[330]FDPGNIM[147]NGTRVGTDFK	1
							2	C[339]RKGYHIQGSTTR	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	*	2.03	*	*	*	4	2	TEIELFPYSGDK	1
							3	EFPVTEPLVTARMILESK	1
							2	AVTADGFPTVSVMLPLHSEQNK	1
							2	SPFM[147]GKTEEEVFSGMK	1
CT012_HUMAN (Q9NVP4) Protein C20orf12 [MASS=62909]	0.00	6.91	6.54	0.00	1	3	2	PLLTISPGR	1
							2	C[339]GASNHLSAR	1
							2	DIGTQTVGLFYPSGKLLAKK	1
CT152_HUMAN (Q96M20) Uncharacterized protein C20orf152 [MASS=67512]	*	9.90	*	*	*	3	1	MLGPKIQSRPAQSIK	1
							3	FSYQQLISKDFGESPFIMFISKGSC[339]EVLR	1
							3	PLILM[147]SLGNELIR	1
CTCF_HUMAN (P49711) Transcriptional repressor CTCF (CCCTC-binding factor) (CTCF paralog) (11-zinc finger protein) [MASS=82785]	0.00	5.78	1.99	0.00	1	2	3	FTQSGTMKMHILQKHTENVAK	1
							3	HADNC[339]AGPDGVEGENGETKK	1

CU109_HUMAN (Q8TD88) Protein C21orf109 [MASS=6031]	0.00	33.33	0.29	0.00	1	1	3	MTIWMQTQEGC[330]NSGLGEK	1
CX020_HUMAN (Q8NDZ0) Protein CXorf20 [MASS=87918]	*	2.38	*	*	*	1	3	DGGEGC[330]SWM[147]FQPMNNSKM[147]R	1
CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	*	2.66	*	*	*	1	3	QNC[330]C[330]AQFQWQPVNTGRGIAFSIC[339]PSK	1
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	0.99	12.94	1.28	0.00	1	1	2	NC[339]WQNYLDFHR	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	13.54	1.19	0.15	4	3	1	DVC[330]TFLR	1
							2	HGGEDYVFSLLTGYC[339]EPPTGVSLR	1
							3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	2
							2	HLVGVC[339]YTEDEAK	1
CYR61_HUMAN (O00622) Protein CYR61 precursor (Cysteine-rich, angiogenic inducer, 61) (Insulin-like growth factor-binding protein 10) (Protein GIG1) [MASS=42026]	0.44	5.25	0.59	0.00	1	2	2	FTYAGC[330]LSVKK	1
							2	LPVFGM[147]EPR	1
DCMC_HUMAN (O95822) Malonyl-CoA decarboxylase, mitochondrial precursor (EC 4.1.1.9) (MCD) [MASS=55003]	*	2.23	*	*	*	1	3	LVRALQTPLM[147]R	1
DDB1_HUMAN (Q16531) DNA damage-binding protein 1 (Damage-specific DNA-binding protein 1) (UV-damaged DNA-binding factor) (DDB p127 subunit) (DDBa) (UV-damaged DNA-binding protein 1) (UV-DDB 1) (Xeroderma pigmentosum group E-complementing protein) (XPCe) [MASS=126967]	0.00	3.60	1.24	0.00	1	2	3	TEC[339]NHYNNIM[147]ALYLK	1
							3	IIRNGIGIHEHASIDLPGIKGLWPLR	1
DDX31_HUMAN (Q9H8H2) Probable ATP-dependent RNA helicase DDX31 (EC 3.6.1.-) (DEAD box protein 31) (Helicain) [MASS=94086]	*	1.18	*	*	*	1	3	QC[330]IKTSSSLFK	1
DEN2C_HUMAN (Q68D51) DENN domain-containing protein 2C [MASS=106865]	*	2.37	*	*	*	1	3	HFLDLFMETQMFAFGIQDREL	1
DEPD5_HUMAN (O75140) DEP domain-containing protein 5 [MASS=177909]	0.00	1.46	1.44	0.00	1	1	3	AQAGELVWKNEKVM[147]C[339]GYISEDTR	1
DGCR8_HUMAN (Q8WYQ5) DGCR8 protein (DiGeorge syndrome critical region 8) [MASS=86045]	*	2.07	*	*	*	1	2	AGLLSPYQILHEC[339]LKR	1

								3	AKPYEGSILEADC[339]DILIPAASEK	4
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	11.11	1.32	0.06	12	4		2	AKPYEGSILEADC[339]DILIPAASEK	2
								3	IIKPC[339]NHVLSLSFPIR	1
								3	IIKPC[330]NHVLSLSFPIR	1
								2	AQHSQHRTPC[330]K	1
								2	IIKPC[339]NHVLSLSFPIR	1
								2	IIKPC[330]NHVLSLSFPIR	1
								2	C[339]AVVDVPFGGAK	2
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.73	5.33	1.51	0.00	1	1		2	GAVHQLC[339]QSLAGK	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	12.65	1.53	0.08	3	4		1	VGSVLQEGC[339]GK	1
								3	AGLPC[339]QDLEFVQFHPTGIYGAGC[339]LITEGC[339]R	1
								2	AAFGLSEAGFNTAC[339]VTK	1
								3	LSMQKSMQNHAAVFRVGSVLQEGC[339]GK	1
DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	7.14	1.38	0.06	5	2		2	C[330]HTIM[147]NC[330]TR	2
								2	C[330]GPM[147]VLDALIK	1
								2	C[339]GPM[147]VLDALIK	1
								2	C[339]HTIM[147]NC[339]TR	1
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	*	3.11	*	*	*	2		2	NLVGETNEETSM[147]RNPDR	1
								2	QIAANM[147]RGIGMMPNDIPEWKK	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	10.61	1.15	0.10	4	3		3	VLGAHILGPGAGEMVNEAALALEYGASC[330]EDIAR	1
								1	GIEMSEVR	1
								2	VC[339]HAHPTLSEAFR	1
								3	VLGAHILGPGAGEM[147]VNEAALALEYGASC[339]EDIAR	2
DMPK_HUMAN (Q09013) Myotonin-protein kinase (EC 2.7.11.1) (Myotonic dystrophy protein kinase) (MDPK) (DM-kinase) (DMK) (DMPK) (MT-PK) [MASS=70357]	0.00	5.01	1.18	0.00	1	2		3	C[339]GHIRLADFGSC[330]LK	1
								2	LLC[339]PPETRLGRGGAGDFR	1

DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	2.67	*	*	*	5	2	EKFIPPELSMWDYFVAK	1
							3	PDIGSYERHQIERR	1
							3	RWPLMNDEGEDNSSTVSIVGRPVAVSC[339]SYTGR	1
							1	AKVIHK	1
							1	ESDM[147]IM[147]AFSVNK	1
DNMT1_HUMAN (P26358) DNA (cytosine-5)-methyltransferase 1 (EC 2.1.1.37) (Dnmt1) (DNA methyltransferase Hsal) (DNA MTase Hsal) (MCMT) (M.Hsal) [MASS=183164]	*	3.34	*	*	*	3	2	APSENWAMEGGM[147]DPESLLEGDDGK	1
							3	EIPRVLEQLEDLDSR	1
							3	SDESIKEEDKDQDEK	1
DPOLN_HUMAN (Q7Z5Q5) DNA polymerase nu (EC 2.7.7.7) [MASS=100306]	*	1.22	*	*	*	1	3	C[339]KC[330]PVIC[339]FNAK	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	0.93	2.80	1.15	0.00	1	1	2	AITIANQTNC[339]PLYITK	1
DSG3_HUMAN (P32926) Desmoglein-3 precursor (130 kDa pemphigus vulgaris antigen) (PVA) [MASS=107502]	0.00	1.10	1.85	0.00	1	1	2	EETPSFLITC[339]R	1
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	*	0.63	*	*	*	2	3	RIANIEHMTYEVYKYAAR	1
							3	RSPQEAELR	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	12.36	0.46	0.37	2	1	2	YNPTWHC[330]IVGR	1
							2	YNPTWHC[339]IVGR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	*	4.63	*	*	*	2	3	TIGVITKLDLM[147]DEGTDARDVLENK	1
							2	DLM[147]PKTIM[147]HLMINNTK	1
DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	0.00	3.96	0.73	0.00	1	1	3	EMIMQFITRENC[330]LILAVTPANTDLANSALKLAK	1
E2AK4_HUMAN (Q9P2K8) Eukaryotic translation initiation factor 2-alpha kinase 4 (EC 2.7.11.1) (GCN2-like protein) [MASS=186837]	0.00	0.73	1.63	0.00	1	1	2	AILLHC[339]GIPEDK	1

E2F1_HUMAN (Q01094) Transcription factor E2F1 (E2F-1) (Retinoblastoma-binding protein 3) (RBBP-3) (PRB-binding protein E2F-1) (PBR3) (Retinoblastoma-associated protein 1) (RBAP-1) [MASS=46920]	0.00	11.44	0.63	0.00	1	2	3	MALAGAPAGGPC[330]APALEALLGAGALR	1
							3	RFLELLSHSADGVVDLNWAAEVLK	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	5.40	0.84	0.04	7	2	2	C[330]LEENLGIDKR	1
							2	NLFPENLVQAC[330]FQQIQTGTK	3
							2	NLFPENLVQAC[339]FQQIQTGTK	2
							2	C[339]LEENLGIDKR	1
EAA4_HUMAN (P48664) Excitatory amino acid transporter 4 (Sodium-dependent glutamate/aspartate transporter) [MASS=61565]	*	3.90	*	*	*	1	3	NMFPPNLVEAC[330]FKQFKTQYSTR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	3.80	0.94	0.18	3	3	1	ALM[147]GLYHGQVLC[339]K	1
							2	C[339]LAPM[147]M[147]SEVIR	1
							1	FSAFR	1
							2	ALM[147]GLYHGQVLC[330]K	1
ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	*	1.47	*	*	*	1	2	LKPAFIK	1
ECM1_HUMAN (Q16610) Extracellular matrix protein 1 precursor (Secretory component p85) [MASS=60674]	0.00	5.19	1.32	0.00	1	1	3	AC[339]PSHQPDISSGLELPFPPGVPTLDNIK	1
ECP_HUMAN (P12724) Eosinophil cationic protein precursor (EC 3.1.27.-) (ECP) (Ribonuclease 3) (RNase 3) [MASS=18440]	0.00	21.88	1.43	0.00	1	2	3	AQWFAIQHISLNPPRC[330]TIAM[147]R	1
							3	C[330]TIAMRAINNYRWR	1
EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.98	7.14	0.97	0.00	1	2	1	RTIEK	1
							3	DGNASGTTLLEALDC[330]ILPPTRPDKPLR	1

EF1D_HUMAN (P29692) Elongation factor 1-delta (EF-1-delta) (Antigen NY-CO-4) [MASS=30990]	0.00	8.57	0.50	0.00	1	1	3	SSILLDVKPWDDETDMAQLEAC[330]VR	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	0.47	4.32	0.93	0.00	1	2	2	C[330]LYASVLTAQPR	1
							3	RWLPAGDALLQMITIHLPSPVTAQK	1
EFG2_HUMAN (Q969S9) Elongation factor G 2, mitochondrial precursor (mEF-G 2) (Elongation factor G2) [MASS=86600]	*	6.68	*	*	*	2	3	IRNIGIMAHIDAGKTTTTER	1
							3	EDPSLVRLDPDSGQTVLC[330]GMGELHIEIIHDR	1
							2	KGDEC[339]ELLGHSK	2
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	11.95	1.23	0.09	6	3	2	HYAHTDC[339]PGHADYVK	1
							3	HYAHTDC[339]PGHADYVK	1
							2	HYAHTDC[330]PGHADYVK	1
							3	ELLTEFGYKEETPVIVGSALC[339]ALEGR	1
EGLN2_HUMAN (Q96KS0) Egl nine homolog 2 (EC 1.14.11.-) (Hypoxia-inducible factor prolyl hydroxylase 1) (HIF-prolyl hydroxylase 1) (HIF-PH1) (HPH-3) (Prolyl hydroxylase domain-containing protein 1) (PHD1) (Estrogen-induced tag 6) [MASS=43650]	0.00	11.06	2.44	0.00	1	2	2	GDQIAWVEGHEPGC[339]R	1
							3	EGGM[147]SC[339]SC[330]SSGSGEASAGLMEEALPSAPER	1
EHMT2_HUMAN (Q96KQ7) Histone-lysine N-methyltransferase, H3 lysine-9 specific 3 (EC 2.1.1.43) (Histone H3-K9 methyltransferase 3) (H3-K9-HMTase 3) (Euchromatic histone-lysine N-methyltransferase 2) (HLA-B-associated transcript 8) (Protein G9a) [MASS=132383]	*	0.91	*	*	*	1	1	LRLGVGNRAIR	1
EMIL1_HUMAN (Q9Y6C2) EMILIN-1 precursor (Elastin microfibril interface-located protein 1) (Elastin microfibril interfacier 1) [MASS=106694]	*	5.91	*	*	*	2	3	LGQLEGLLQAHGDEGC[330]GAC[339]GGVQEELGRRLR	1
							3	GTELGGAAGQGGHPPGYTSLASRLSRLEDR	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	1.00	3.46	0.91	0.09	3	1	1	FGANAILGVSLAVC[330]K	2
							1	FGANAILGVSLAVC[339]K	1

ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	3.23	*	*	*	1	3	IVIGM[147]DVAASEFYR	1
EP400_HUMAN (Q96L91) E1A-binding protein p400 (EC 3.6.1.-) (p400 kDa SWI2/SNF2-related protein) (Domino homolog) (hDomino) (CAG repeat protein 32) (Trinucleotide repeat-containing gene 12 protein) [MASS=343645]	*	1.11	*	*	*	3	2	DFWKEADLSM[147]FDLIGLENK	1
							2	LQM[147]RVPAVR	1
							1	PAAAKLK	1
EPC1_HUMAN (Q9H2F5) Enhancer of polycomb homolog 1 [MASS=93463]	0.00	3.23	2.60	0.00	1	2	2	QPM[147]KPTYAIIPIITNSSQFK	1
							2	C[339]IGFAR	1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	*	3.20	*	*	*	1	3	VLRVLLGAPNAGK	2
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	0.96	7.84	1.04	0.00	1	1	3	EFHQAGKPIGLC[330]C[330]IAPVLAAG	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	1.00	1.94	1.64	0.01	2	1	2	LQINAQNC[330]VHC[330]K	1
							2	LQINAQNC[339]VHC[339]K	1
EVX1_HUMAN (P49640) Homeobox even-skipped homolog protein 1 (EVX-1) [MASS=42439]	0.00	5.65	1.77	0.00	1	1	3	SNGGSGGGGSQGTLC[339]SASDQM[147]R	1
EXOS1_HUMAN (Q9Y3B2) 3'-5' exoribonuclease CSL4 homolog (EC 3.1.13.-) (Exosome component 1) [MASS=21452]	0.00	8.21	1.98	0.00	1	1	2	LC[339]NLEEGSPGSGTYTR	1
FA29A_HUMAN (Q7Z4H7) Protein FAM29A [MASS=108621]	0.00	4.71	2.81	0.00	1	3	2	NTESAFGGSLPAK	1
							2	M[147]GTPKEK	1
							2	ISGEC[339]GSSFPQVVGSLFLSPGGPK	1

FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FANCM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	3.56	1.64	0.00	1	4	1 VSKEIK	1
							3 NELGRNEDFMKLYNHLEC[339]M[147]FAR	1
							3 TYIQILESFAASLIQRNVLMR	1
							3 SC[339]HSVEDGQLLTSNESEDDEIFRR	1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	0.00	3.06	1.66	0.00	1	2	3 SEMEKWVEDIQM[147]AIDLAEK	1
							2 LMHYKQVLERLC[330]K	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.00	2.19	*	*	*	4	3 C[330]EC[330]PVGFFYN DK	1
							2 NM[147]C[330]LNGM[147]C[330]INEDGSFK	1
							3 QIC[330]PYGSGIIVGPDDSAVDM[147]DEC[339]K	1
							2 LC[330]SVPMVIPGR	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	0.33	0.31	1.08	0.01	2	1	1 C[339]IPTVSSYR	1
							3 YNSHQM[147]GQSKQFPLEESSC[330]EK	1
							3 IPIGAKIQLHLVGVNVPEIPC[330]IPMLRHL YMK	1
							1 ELSVSGK	2
FBX38_HUMAN (Q6PIJ6) F-box only protein 38 (Modulator of KLF7 activity homolog) (MoKA) [MASS=133953]	0.00	10.19	0.24	0.00	1	6	3 VVDLC[339]AGRWWEYMPSGFTDASFLTLLKK	1
							3 KLNMDQVLDQILR	1
							2 NRIIYLRPM[147]QQVDTLTLEQK	1
FGFR1_HUMAN (P11362) Basic fibroblast growth factor receptor 1 precursor (EC 2.7.10.1) (FGFR-1) (bFGF-R) (Fms-like tyrosine kinase 2) (c-fgr) (CD331 antigen) [MASS=91867]	0.00	3.53	*	*	*	2	2 DC[339]WHAVPSQRPTFK	1
							2 M[147]PVAPYWTSPEKMEK	1
FGFR2_HUMAN (P21802) Fibroblast growth factor receptor 2 precursor (EC 2.7.10.1) (FGFR-2) (Keratinocyte growth factor receptor 2) (CD332 antigen) [MASS=92024]	0.00	2.80	1.14	0.00	1	1	3 DDATEKDLSDLVSEM[147]EM[147]M[147]KMIGK	1
FGRL1_HUMAN (Q8N441) Fibroblast growth factor receptor-like 1 precursor (FGF receptor-like protein 1) (Fibroblast growth factor receptor 5) (FGFR-like protein) (FGF homologous factor receptor) [MASS=54536]	0.00	3.97	2.09	0.00	1	1	2 LQC[339]PVEGDPPPLTM[147]WTKDGR	1

FNBP2_HUMAN (O75044) SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2) [MASS=120880]	0.00	1.68	1.31	0.00	1	1	2	DIFHDLM[147]AC[339]VTM[147]DNLQER	1
FOG2_HUMAN (Q8WW38) Zinc finger protein ZFPM2 (Zinc finger protein multitype 2) (Friend of GATA protein 2) (FOG-2) (hFOG-2) [MASS=128142]	*	3.39	*	*	*	3	1 3 2	ISFNK NSPDVSYERSIIKC[330]EK NDLGQLDGKVFNPESER	1 1 1
FOSL1_HUMAN (P15407) Fos-related antigen 1 (FRA-1) [MASS=29413]	0.00	5.17	1.30	0.00	1	1	2	RPC[339]EQISPEEEERR	1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	*	2.85	*	*	*	1	3	KTVAMSNLQRALPR	1
FXL13_HUMAN (Q8NEE6) F-box/LRR-repeat protein 13 (F-box and leucine-rich repeat protein 13) [MASS=83941]	0.00	6.26	4.35	0.00	1	2	3 3	C[339]HYLHILDISGC[339]VLLTDQILEDLQIGC[339]K FIDKNYPNLSHIYM[147]ADC[330]K	1 1
FXL19_HUMAN (Q6PCT2) F-box/LRR-repeat protein 19 (F-box and leucine-rich repeat protein 19) [MASS=73770]	*	2.08	*	*	*	1	3	TEC[330]GDC[339]HFC[339]RDM[147]KK	1
FXL20_HUMAN (Q96IG2) F-box/LRR-repeat protein 20 (F-box and leucine-rich repeat protein 20) (F-box/LRR-repeat protein 2-like) [MASS=48423]	0.00	3.67	1.41	0.00	1	1	2	HLDLASC[339]TSITNM[147]SLK	1
G3PT_HUMAN (O14556) Glyceraldehyde-3-phosphate dehydrogenase, testis-specific (EC 1.2.1.12) (Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2) (GAPDH-2) [MASS=44501]	0.00	4.17	0.79	0.00	1	1	2	NGQLVVDNHEISVYQC[330]K	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	4.19	0.86	0.04	2	1	2 2	VPTANVSVVDLTC[330]R VPTANVSVVDLTC[339]R	1 1

GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	5.00	1.15	0.06	2	2	2	TM[147]GC[330]LATTHSK	1
							1	TM[147]GC[339]LATTHSK	1
							2	GTFC[339]SFDTPDDSIR	1
GANC_HUMAN (Q8TET4) Neutral alpha-glucosidase C (EC 3.2.1.20) [MASS=104347]	0.00	5.14	0.82	0.00	1	3	3	M[147]EAAVKKEISVEDEAVDKNIFR	1
							2	STGWM[147]TESSYGLR	1
							2	TFAHWEGGC[330]TVK	1
GAS6_HUMAN (Q14393) Growth-arrest-specific protein 6 precursor (GAS-6) [MASS=79676]	*	1.80	*	*	*	1	3	VNTRMQC[330]FSVTER	1
GASP1_HUMAN (Q5JY77) G-protein coupled receptor-associated sorting protein 1 (GASP-1) [MASS=156850]	*	0.86	*	*	*	1	3	EEVSMKHGTGVR	1
							2	KAC[330]ADATLSQITNNIDPVGR	2
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	13.27	1.00	0.14	6	3	2	LFVSGAC[339]DASAK	1
							2	KAC[339]ADATLSQITNNIDPVGR	1
							2	ELAGHTGYLSC[339]C[339]R	1
							2	ELAGHTGYLSC[330]C[330]R	1
GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	3.83	0.78	0.00	1	1	2	ELPGHTGYLSC[330]C[330]R	1
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	0.97	42.86	1.09	0.00	1	1	3	AAADLM[147]AYC[330]EAHAKEDPLLTPVPASENPFRR	1
GBRR1_HUMAN (P24046) Gamma-aminobutyric-acid receptor rho-1 subunit precursor (GABA(A) receptor) [MASS=55257]	*	2.33	*	*	*	1	2	KSQRSSYVSM[147]R	1
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	*	3.77	*	*	*	2	2	YVSAQPLAGR	1
							3	VFSKLMSVC[330]VM[147]FTNC[330]M[147]QKFTQSMK	1

GEMI5_HUMAN (Q8TEQ6) Gem-associated protein 5 (Gemin5) [MASS=168560]	*	1.92	*	*	*	2	3	EPVIC[330]TPVSSGFEKSK	1
							3	SQLC[339]KSTANGPDK	1
GFRA2_HUMAN (O00451) GDNF family receptor alpha-2 precursor (GFR-alpha-2) (Neurturin receptor alpha) (NTNR-alpha) (NRTNR-alpha) (TGF-beta-related neurotrophic factor receptor 2) (GDNF receptor beta) (GDNFR-beta) (RET ligand 2) [MASS=51558]	0.00	7.33	0.57	0.00	1	1	3	VEKTPSLPDDLSDSTSLGTSVITTC[330]TSVQEQGLK	1
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+)-symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	6.81	1.34	0.00	4	1	2	LINGGIAGLIGVTC[339]VFPIDLAK	3
							2	LINGGIAGLIGVTC[330]VFPIDLAK	1
							2	LKEC[339]MDM[147]LR	1
							2	C[339]VQSNIVLLTQAFR	3
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	5.38	1.55	0.05	11	3	2	LKEC[330]M[147]DM[147]LR	1
							2	LKEC[339]M[147]DM[147]LR	1
							2	LKEC[339]M[147]DMLR	1
							2	C[330]VQSNIVLLTQAFR	2
							2	VPFC[330]LQSC[330]VKPLK	2
							2	VPFC[339]LQSC[339]VKPLK	2
GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	*	1.16	*	*	*	1	1	FLIEAC[339]K	1
GLT10_HUMAN (Q86SR1) Polypeptide N-acetylgalactosaminyltransferase 10 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 10) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10) (Polypeptide GalNAc transferase 10) (GalNAc-T10) (pp-GaNTas) [MASS=68991]	0.00	1.16	13.45	0.00	1	1	2	VWM[147]C[339]GGR	1

GLUD1_HUMAN (Q5TDP6) Glutamate-- ammonia ligase domain-containing protein 1 (Lengsin) (Lens glutamine synthase-like) [MASS=57278]	*	2.75	*	*	*	2	1	YIAKR	1
							2	VSHGVC[330]MPR	1
GNAO2_HUMAN (P29777) Guanine nucleotide- binding protein G(o) subunit alpha 2 [MASS=39955]	*	1.70	*	*	*	1	1	NKSAHK	1
GOR_HUMAN (Q8IX06) Exonuclease GOR (EC 3.1.-.-) (Antigen GOR) (RNA exonuclease 1 homolog-like) [MASS=35139]	0.00	3.77	0.61	0.00	1	1	3	HRSVSPAALAC[330]P	1
GP179_HUMAN (Q6PRD1) Probable G-protein coupled receptor 179 precursor (Probable G- protein coupled receptor 158-like 1) [MASS=257362]	*	1.14	*	*	*	2	2	SPRLGRPK	1
							2	ASRTESRESVEGPPALGFR	1
GPDM_HUMAN (P43304) Glycerol-3- phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	*	1.51	*	*	*	1	2	NYLSC[330]DVEVRR	1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	7.55	0.75	0.01	2	2	2	KIC[330]TVSENFLR	1
							2	IC[330]TVSENFLR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	*	2.64	*	*	*	1	1	ELHGEFK	1
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	0.00	4.13	1.59	0.00	1	1	3	C[339]QGPPGVLDYRLEK	1
GRHPR_HUMAN (Q9UBQ7) Glyoxylate reductase/hydroxypyruvate reductase (EC 1.1.1.79) [MASS=35668]	*	7.62	*	*	*	1	3	VGYPDVLTDTTAELAVSLLLTTC[339]R	1
							1	DPGPSGK	2
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	*	6.25	*	*	*	4	2	TAPPDGAAKRPPGLFR	1
							3	RDAGLQVSLGAAETR	1
							3	NVDPMSSGKVDPVSLGKM[147]DPMC[330]SGK	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG- 160) (E-selectin ligand 1) (ESL-1) (Cysteine- rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	*	1.70	*	*	*	1	3	VAELSSDDFHLDRLHYFAC[330]R	1

GTR9_HUMAN (Q9NRM0) Solute carrier family 2, facilitated glucose transporter member 9 (Glucose transporter type 9) [MASS=58817]	0.00	6.11	1.04	0.00	1	1	3	HTLLANNGFAISAALLMAC[339]SLQAGAFEMLIVGR	1
GUC1B_HUMAN (Q9UMX6) Guanylyl cyclase-activating protein 2 (GCAP 2) (Guanylate cyclase activator 1B) [MASS=23346]	*	3.02	*	*	*	1	1	GTLEHK	1
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	0.92	23.70	2.33	0.00	1	1	3	FQSAAIGALQEASEAYLVGLFEDTNLC[339]AIHAK	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	15.07	1.02	0.17	4	1	3	3	2
								3	1
								2	1
								1	1
								3	1
HDAC4_HUMAN (P56524) Histone deacetylase 4 (HD4) [MASS=119069]	0.77	3.32	0.47	0.00	1	2	1	VLQQRPNANAVR	1
							3	LPC[330]GGVGVDSDTIWNEVHSAGAAR	1
HNRL1_HUMAN (Q9BUJ2) Heterogeneous nuclear ribonucleoprotein U-like protein 1 (Adenovirus early region 1B-associated protein 5) (E1B-55 kDa-associated protein 5) (E1B-AP5) [MASS=95738]	*	1.75	*	*	*	1	2	KAIVIC[330]PTDEDLKDR	1
HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	*	1.66	*	*	*	1	3	EFDGKSLVSVTK	1
HV1C_HUMAN (P01744) Ig heavy chain V-I region ND precursor (Fragments) [MASS=16503]	0.00	7.48	1.11	0.00	1	1	2	SDDSAVFYC[339]AK	1
HXC11_HUMAN (O43248) Homeobox protein Hox-C11 [MASS=33748]	0.00	4.93	1.52	0.00	1	1	2	M[147]FNSVNLGNFC[339]SPSR	1

								2	AAQLC[339]GAGM[147]AAVVDKIR	1
								2	TVC[339]GVVSR	1
								3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
								2	C[339]NVSFLLSEDGSGK	2
								2	LPVGFTFSFPC[330]QQSK	2
								3	MIAAQLLAYFTELKDDQVK	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	ATDC[339]VGHDVVTLLR	5
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	17.67	1.52	0.04	22	10				
								2	AILQQLGLNSTC[339]DDSILVK	2
								2	RAAQLC[339]GAGM[147]AAVVDK	1
								2	KLPVGFTFSFPC[339]QQSK	1
								2	KLPVGFTFSFPC[330]QQSK	2
								2	ATDC[330]VGHDVVTLLR	1
								1	TVC[330]GVVSR	1
								2	LPVGFTFSFPC[339]QQSK	1
								2	TVC[330]GVVSR	1
I17RB_HUMAN (Q9NRM6) Interleukin-17 receptor B precursor (IL-17 receptor B) (IL-17RB) (Interleukin-17B receptor) (IL-17B receptor) (IL-17 receptor homolog 1) (IL-17Rh1) (IL17Rh1) (Cytokine receptor CRL4) [MASS=55884]	*	3.39	*	*	*	1	2	NEETVEVNFTTTPLGNR	1	
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	0.63	5.83	1.35	0.00	1	3	2	VGDTLLGMATQC[339]VQVK	1	
							2	DAGMPIQGQPC[330]FC[330]K	1	
							3	VGDTLLGM[147]ATQC[330]VQVKNVVK	1	
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	0.63	2.21	*	*	*	1	2	M[147]EIGSAGPAGAQLLM[147]VPR	1	
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	7.38	1.42	0.01	2	2	2	TFDLYANVRPC[339]VSIEGYK	1	
							2	C[339]REVAESC[339]K	2	

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	*	2.04	*	*	*	1	2	KKVTAVHK	1
							2	NILGGTVFREPIIC[339]K	2
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	10.62	0.93	0.13	5	3	2	FAQM[147]LEKVC[330]VETVESGAM[147]TK	1
							2	DLAGC[339]IHGLSNVK	1
							2	NILGGTVFREPIIC[330]K	1
							2	DLAGC[330]IHGLSNVK	2
IF3X_HUMAN (O75153) Putative eukaryotic translation initiation factor 3 subunit (eIF-3) [MASS=146669]	*	2.60	*	*	*	2	3	DC[330]M[147]EHAVLPVDGATLAEVMRQRGINMR	1
							1	HQVLNDR	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	*	2.76	*	*	*	1	3	GDQELHGPEPTR	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	*	2.28	*	*	*	1	2	PEAPDTALGIVSTK	1
IL6RB_HUMAN (P40189) Interleukin-6 receptor beta chain precursor (IL-6R-beta) (Interleukin 6 signal transducer) (Membrane glycoprotein 130) (gp130) (Oncostatin M receptor) (CD130 antigen) (CDw130) [MASS=103522]	0.21	4.79	2.04	0.00	1	2	2	QAPPSKGPTVRTK	1
							3	QVSSVNEEDFVRLKQQISDHISQSC[339]GSGQMK	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	*	2.90	*	*	*	1	2	PHITAAEGKLHNMIVDLDNVVK	1
IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	*	1.27	*	*	*	1	2	C[339]GSPTAMEIDKR	1

IPO11_HUMAN (Q9UI26) Importin-11 (Imp11) (Ran-binding protein 11) (RanBP11) [MASS=112535]	*	1.33	*	*	*	1	2	MHVLHVLSC[330]VIER	1
IPPK_HUMAN (Q9H8X2) Inositol- pentakisphosphate 2-kinase (EC 2.7.1.-) (Inositol-1,3,4,5,6-pentakisphosphate 2-kinase) (Ins(1,3,4,5,6)P5 2-kinase) (InsP5 2-kinase) (IPK1 homolog) [MASS=56016]	0.00	10.39	1.06	0.00	1	3	2 C[339]GFIPFSSDVTHEM[147]KHK 3 YLEEFPEERKTLQIDGPYDEAFYQK 2 VC[330]EASPFSSR	1 1 1	
IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	*	1.85	*	*	*	1	2	VPPC[330]PRNFSAK	1
ITPR1_HUMAN (Q14643) Inositol 1,4,5- trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1) (IP3R) [MASS=313943]	*	1.31	*	*	*	4	2 LLLAIMESR 3 C[339]ESGGFIC[330]K 1 HAPFR 3 SHSIVQKTAM[147]NWR	1 1 2 1	
JAK3_HUMAN (P52333) Tyrosine-protein kinase JAK3 (EC 2.7.10.2) (Janus kinase 3) (JAK-3) (Leukocyte janus kinase) (L-JAK) [MASS=125098]	*	6.14	*	*	*	3	3 QSDVWSFGVVLYELFTYC[330]DK 3 MMGC[330]ERDVPALC[339]RLLELLEEGQR 3 QQLPAPKWTELLALLIQQC[339]M[147]AYEPVQR	1 1 2	
JHD1B_HUMAN (Q8NHM5) JmjC domain- containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F- box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	0.00	1.27	*	*	*	2	1 IYEIEDR 3 VKKYC[330]LM[147]SVK	1 1	
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain- containing protein 1C) (Thyroid receptor- interacting protein 8) (TRIP-8) [MASS=284523]	*	1.10	*	*	*	1	2	NSPSPWLHQPTPVTSADGIGLLSHIPVR	1
JPH3_HUMAN (Q8WXH2) Junctophilin-3 (Junctophilin type 3) (JP-3) [MASS=81468]	0.00	3.61	0.87	0.00	1	2	3 GGAC[339]RGLGDDHRPEDR 3 GLGDDHRPEDR	1 1	

K0182_HUMAN (Q14687) Protein KIAA0182 (Fragment) [MASS=130322]	0.00	9.16	0.96	0.00	1	6	3	SPFYPIPTPGSLPPLHPSAM[147]HLHLSGVR	1
							2	KC[330]LALPAM[147]HWPR	1
							3	PPVPRAPDPAYIYDEFLQQR	1
							2	SLSM[147]LHYIRGAAPK	1
							3	C[330]LALPAM[147]HWPR	1
							2	PPVPAEAEHRPESTTRPGPNR	1
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	*	0.60	*	*	*	1	2	NLGMVC[339]R	2
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	*	0.78	*	*	*	1	3	PTGIFQTSANSSFEPVK	1
K0971_HUMAN (Q9NYY8) Protein KIAA0971 [MASS=81462]	*	0.85	*	*	*	1	1	GFLAM[147]K	1
K1688_HUMAN (Q9C0H5) Protein KIAA1688 [MASS=121285]	*	2.12	*	*	*	1	3	HM[147]DPVNDTKGVAISTYAKYC[330]YHK	1
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	11.09	1.31	0.08	7	2	3	MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							3	M[147]C[330]DPGM[147]TAFEPEALGNLVEGLDFHR	2
							3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	2
							3	NSKPVHTTILNPHIHL[M[147]GDESAC[339]IAYIR	1
							3	NSKPVHTTILNPHIHL[M[147]GDESAC[330]IAYIR	1
							3	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
KCC2B_HUMAN (Q13554) Calcium/calmodulin- dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	3.77	1.39	0.02	3	1	3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	2
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	1
KCC2G_HUMAN (Q13555) Calcium/calmodulin- dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	1.00	8.96	1.48	0.00	2	2	3	TAPSAGM[147]QPQPSLC[339]SSAMRKQEIIK	1
							3	IC[330]DPGLTSFEPEALGNLVEGM[147]DFHK	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHK	1
KCNH1_HUMAN (O95259) Potassium voltage- gated channel subfamily H member 1 (Voltage- gated potassium channel subunit Kv10.1) (Ether-a-go-go potassium channel 1) (hEAG1) (h-eag) [MASS=111422]	*	5.66	*	*	*	4	3	QTFENYEM[147]NSFEILM[147]YKKNR	1
							2	QTFENYEM[147]NSFEILM[147]YK	1
							1	GENVHK	2
							2	GIDTEKVLQIC[330]PK	1

KCNH3_HUMAN (Q9ULD8) Potassium voltage-gated channel subfamily H member 3 (Voltage-gated potassium channel subunit Kv12.2) (Ether-a-go-go-like potassium channel 2) (ELK channel 2) (ELK2) (Brain-specific eag-like channel 1) (BEC1) [MASS=117128]	*	0.65	*	*	*	1	2	QPKGKHK	1
							2	FC[339]TGLTQIETLFK	5
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	14.17	1.51	0.04	10	4	2	FC[330]TGLTQIETLFK	3
							2	GFC[330]LPPHC[330]SR	1
							3	LEQGQAIDDL[147]PAQK	1
							3	LAVEALSSLDGDLAGR	1
							2	GFC[339]LPPHC[339]SR	1
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	3.82	*	*	*	1	2	LGYILTC[339]PSNLGTGLR	2
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.27	0.03	4	2	2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[339]ER	1
							2	HNNC[339]M[147]ASHLTPAVYAR	2
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY-REN-62 antigen) [MASS=187178]	*	0.48	*	*	*	1	2	QVRPMSDK	1
KIF17_HUMAN (Q9P2E2) Kinesin-like protein KIF17 (KIF3-related motor protein) [MASS=115113]	*	1.36	*	*	*	1	3	AGKLNVLVDLAGSER	2
KIFA3_HUMAN (Q92845) Kinesin-associated protein 3 (Smg GDS-associated protein) [MASS=91205]	0.00	8.21	0.48	0.00	1	3	3	NVQLIC[330]EGNGLKM[147]LM[147]K	1
							2	SLNANTDITSLARKVVEEC[330]K	1
							3	NDM[147]VEM[147]DIVEKLVKM[147]IPC[330]EHEDLLNITLR	1
KIRR2_HUMAN (Q6UWL6) Kin of IRRE-like protein 2 precursor (Kin of irregular chiasm-like protein 2) (Nephrin-like protein 3) [MASS=75093]	*	3.95	*	*	*	1	3	IVAGVAAATTTLLMVITGVALC[339]C[339]WRHSK	1

KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin- dependent protein kinase kinase beta) (CaM- kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	*	1.36	*	*	*	1	2	LDHPNVVK	1
KLDC3_HUMAN (Q9BQ90) Kelch domain- containing protein 3 (Protein Peas) (Testis intracellular mediator protein) [MASS=43088]	0.00	4.45	0.48	0.00	1	1	3	TEAWLDC[330]PPTPVLPEGR	1
KNG1_HUMAN (P01042) Kininogen-1 precursor (Alpha-2-thiol proteinase inhibitor) [Contains: Kininogen-1 heavy chain; Bradykinin (Kallidin I); Lysyl-bradykinin (Kallidin II); Kininogen-1 light chain; Low molecular weight growth-promoting factor] [MASS=71945]	*	4.19	*	*	*	1	3	LDDDLHQGGHVLDHGHKHKHGHGHGK	1
KNTC1_HUMAN (P50748) Kinetochore- associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	0.63	*	*	*	2	1 1	KLQGQIK TLVNNLR	1 1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	0.94	12.26	0.97	0.00	1	3	2 3 3	NTGIIC[339]TIGPASR IENHEGVRRFDEILEASDGIMVAR PTRAEGSDVANAVLDGADC[339]IM[147]LSGETAK	1 1 1
L2GL2_HUMAN (Q6P1M3) Lethal(2) giant larvae protein homolog 2 (HGL) [MASS=113447]	*	1.76	*	*	*	2	1 3	FSLSTK NHRPGNGAGPKK	1 1
LAMA1_HUMAN (P25391) Laminin alpha-1 chain precursor (Laminin A chain) [MASS=337156]	*	1.17	*	*	*	3	2 2 2	TLNADLM[147]TLSHR DPIYVGGLPR GC[330]LLEPIRSVSFLK	1 1 1
LAMA3_HUMAN (Q16787) Laminin alpha-3 chain precursor (Epiligrin 170 kDa subunit) (E170) (Nicein subunit alpha) [MASS=189304]	*	1.28	*	*	*	1	3	LVVDGLRAREGSLPGNSTISIR	1
LAMA5_HUMAN (O15230) Laminin alpha-5 chain precursor [MASS=399709]	*	0.57	*	*	*	3	1 1 2	LLGPQR GIKALGK VPMKFNGR	3 1 1

LAMC3_HUMAN (Q9Y6N6) Laminin gamma-3 chain precursor (Laminin 12 gamma 3 subunit) [MASS=172051]	*	0.82	*	*	*	1	3	PEGQYLRPGEDER	1
LBXCO_HUMAN (P84550) Ladybird homeobox corepressor 1 [MASS=99830]	0.00	5.08	0.57	0.00	1	2	2	GLGLATGASGPAGPGGPGGGAGVR	1
							2	GGAGGGGGGGPGC[330]GAEM[147]APGPPPHK	1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	*	1.02	*	*	*	1	1	LYHTM[147]TR	1
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	0.97	3.61	0.98	0.00	1	1	2	VIGSGC[330]NLDSAR	1
LDLR_HUMAN (P01130) Low-density lipoprotein receptor precursor (LDL receptor) [MASS=95376]	*	5.23	*	*	*	2	3	C[339]DGGPDC[339]KDKSDEENC[330]AVATC[339]R	1
							3	AIVVDPVHGFM[147]YWTDWGTPAKIK	1
LEG1_HUMAN (P09382) Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) (HPL) (HBL) (Putative MAPK-activating protein MP12) [MASS=14584]	0.99	8.96	0.94	0.00	1	1	2	DSNNLC[330]LHFNPR	1
LEG9_HUMAN (O00182) Galectin-9 (HOM-HD-21) (Ecalectin) [MASS=39518]	0.00	4.51	0.30	0.00	1	1	3	GQSFSVWILC[330]EAHC[330]LK	1
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	7.17	1.44	0.00	1	3	3	APWTSTSVGFVAVGPQC[339]LPVR	1
							2	LFEDLTLDNLTRPQLVALC[339]K	1
							1	EKAEKEVAEVK	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.90	4.01	1.19	0.00	1	4	2	IPENIYR	1
							3	MPC[330]FYLRSC[339]GSLPELKLEER	1
							1	ILGFM[147]K	1
LRBA_HUMAN (P50851) Lipopolysaccharide-responsive and beige-like anchor protein (CDC4-like protein) (Beige-like protein) [MASS=319159]	*	0.49	*	*	*	1	2	C[339]GAIAEQTPILLFLLR	1
							2	VGVGTSFGLPQTRR	1
LRC41_HUMAN (Q15345) Leucine-rich repeat-containing protein 41 (Protein Muf1) [MASS=92287]	0.00	4.27	0.99	0.00	1	3	3	QLTIC[330]NM[147]LQGATELVAEPNR	1
							1	VDHPSQR	1
							2	PDGLLEFAK	1
LRC8E_HUMAN (Q6NSJ5) Leucine-rich repeat-containing protein 8E [MASS=90277]	*	2.89	*	*	*	1	3	M[147]HVEEGDILYTM[147]YIRQTVLKVC[339]K	1

LRIG3_HUMAN (Q6UXM1) Leucine-rich repeats and immunoglobulin-like domains protein 3 precursor (LIG-3) [MASS=123433]	0.00	5.90	0.67	0.00	1	4	3	RLILQGNRIR	1
							3	LARLPEPLPSWVARLDLSHNR	1
							2	TDFQEENHIC[330]TFK	1
							3	KLLNTSYSHNEGPGMKNLIC[330]LNK	1
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	*	0.70	*	*	*	2	2	PPLFGLQIYDPRK	1
							2	LYMDGQNC[330]RNSLGSVDERK	1
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	0.00	0.71	0.34	0.00	1	2	2	FPDGAYC[330]QATM[147]FEC[330]K	1
							3	ANKFTETNPQVYYQASLR	1
LRP4_HUMAN (O75096) Low-density lipoprotein receptor-related protein 4 precursor (Multiple epidermal growth factor-like domains 7) [MASS=215964]	0.00	0.92	1.16	0.00	1	1	3	ISSHAC[339]AQSLDKFLLFAR	1
LRRK1_HUMAN (Q38SD2) Leucine-rich repeat serine/threonine-protein kinase 1 (EC 2.7.11.1) [MASS=227842]	*	4.71	*	*	*	4	3	GDRGGARDLLEEAC[330]DQC[330]ASQLEK	1
							3	LPLYAAIKSGNEDIAIFLLR	1
							3	SLEGQEGLRQLIFHVTC[330]SMKDVGSTIGC[330]QR	1
							3	GQLLSIPAAYGDLEM[147]VRYLLSKR	1
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	*	6.30	*	*	*	4	3	IESSNAESAAPSQHLLPHPK	1
							3	QPC[330]GSNPLPGLTK	1
							3	ARC[339]VDIDEC[339]R	1
							3	M[147]PGPRGAAGGLAPEM[147]RGAGAAGLLALLLLLLLLLLLGLGGR	1
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	2.20	*	*	*	1	3	SWGGSPLGPWLSSGLKPLK	1
LUZP1_HUMAN (Q86V48) Leucine zipper protein 1 [MASS=120274]	*	3.62	*	*	*	2	2	RSSSEGLSK	1
							3	AEDELLDLQDKVIAEGSNSSMLAEIEVLR	1
LY75_HUMAN (O60449) Lymphocyte antigen 75 precursor (DEC-205) (gp200-MR6) (CD205 antigen) [MASS=198270]	*	1.97	*	*	*	2	2	VEC[339]EHGFGRVVC[339]K	1
							3	YSPDSAANKVQC[330]SEQWIPFQNK	1
LYPA1_HUMAN (O75608) Acyl-protein thioesterase 1 (EC 3.1.2.-) (Lysophospholipase 1) (Lysophospholipase I) [MASS=24669]	*	7.83	*	*	*	1	3	TYEGMM[147]HSSC[339]QQEMMDVK	1

M3K12_HUMAN (Q12852) Mitogen-activated protein kinase kinase kinase 12 (EC 2.7.11.25) (Mixed lineage kinase) (Leucine-zipper protein kinase) (ZPK) (Dual leucine zipper bearing kinase) (DLK) (MAPK-upstream kinase) (MUK) [MASS=93188]	0.00	5.01	1.02	0.00	1	3	2	KLDPDTSDC[330]TPEK	1
							3	STKM[147]SFAGTVAWM[147]APEVIR	1
							2	C[339]PGLLKPHPSR	1
M4K2_HUMAN (Q12851) Mitogen-activated protein kinase kinase kinase kinase 2 (EC 2.7.11.1) (MAPK/ERK kinase kinase kinase 2) (MEK kinase kinase 2) (MEKKK 2) (Germinal center kinase) (GC kinase) (Rab8-interacting protein) (B lymphocyte serine/threonine-pro [MASS=91585]	0.00	4.88	3.93	0.00	1	2	3	LISHRC[330]SWLYC[330]VNNVLLSLSGK	1
							3	ELPQVC[339]VGAEGPEGPC[339]R	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	0.00	1.03	1.23	0.00	1	3	2	IEIISHM[147]KQSTSC[339]LDSEEIR	1
							2	QLIGTQREDQTAVSVR	1
							3	EGLLTNEAVLSPGM[147]M[147]HGIVDPENC[339]R	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.99	3.15	1.23	0.05	2	1	2	FGINC[339]LIQFEDFANANAFR	2
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	0.94	2.46	1.00	0.00	1	3	2	YTRPTHLSC[330]VK	1
							3	KTEVQAHSPSRK	1
							3	ISDFGQMASGLNIDRRATELK	1
MBD4_HUMAN (O95243) Methyl-CpG-binding domain protein 4 (EC 3.2.2.-) (Methyl-CpG-binding protein MBD4) (Methyl-CpG-binding endonuclease 1) (Mismatch-specific DNA N-glycosylase) [MASS=66050]	0.22	15.69	1.17	0.08	2	4	3	DC[339]SMAALTSHLQNSNNSNWNLR	1
							2	LVPDPPNDLRKEDVAMELER	1
							3	DC[339]SMAALTSHLQNSNNSNWNLRTRSK	1
							3	GAAPTVTSSERLVPDPPNDLR	1
MCAT_HUMAN (O43772) Mitochondrial carnitine/acylcarnitine carrier protein (Carnitine/acylcarnitine translocase) (CAC) (Solute carrier family 25 member 20) [MASS=32944]	0.00	7.97	1.22	0.00	1	1	3	GMAAPIIGVTPMFAVC[339]FFGFGLGK	1

MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	*	6.04	*	*	*	2	3 2	LVLGLSFSAALNAPIEKTDGIFRM AQEIAMQNR	1 1
MCF2L_HUMAN (O15068) Guanine nucleotide exchange factor DBS (DBL's big sister) (MCF2-transforming sequence-like protein) (Fragment) [MASS=123983]	*	1.81	*	*	*	1	2	M[147]KVPVIM[147]LSSVPDLHGYIDK	1
MCM3A_HUMAN (O60318) 80 kDa MCM3-associated protein (GANP protein) [MASS=218403]	*	0.76	*	*	*	1	3	TILENHFGKIAKVQR	1
MCM6_HUMAN (Q14566) DNA replication licensing factor MCM6 (p105MCM) [MASS=92889]	*	2.68	*	*	*	1	3	ASLRLGFSEYC[339]RISNLIVLHLR	1

MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	32.25	1.39	0.04	24	7	3	GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
							2	TIIP LISQC[339]TPK	4
							2	SQETEC[339]TYFSTPLLLGK	3
							2	GYLGPEQLPDC[339]LK	3
							2	TIIP LISQC[330]TPK	2
							2	GYLGPEQLPDC[330]LK	2
							2	SQETEC[339]TYFSTPLLLGKK	1
							2	GC[339]DVVVIPAGVPR	2
							3	GYLGPEQLPDC[330]LKGC[330]DVVVIPAGVPR	1
							1	TIIP LISQC[339]TPK	2
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	0.00	0.64	0.20	0.00	1	4	1	IGLSYR	1
							2	YKVTADFMAQAC[339]LR	1
							3	KFEAVLSEPC[330]R	1
							1	RENKR	1
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	*	0.39	*	*	*	1	1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
							1	KNFFK	3
MGA_HUMAN (O43451) Maltase-glucoamylase, intestinal [Includes: Maltase (EC 3.2.1.20) (Alpha-glucosidase); Glucoamylase (EC 3.2.1.3) (Glucan 1,4-alpha-glucosidase)] [MASS=209721]	0.00	0.97	0.42	0.00	1	2	2	TLC[330]MDAVQHWGK	1
							1	IGLHLR	1
							2	TLC[330]MDAVQHWGK	1
							1	IGLHLR	1
							2	TLC[330]MDAVQHWGK	1
							1	IGLHLR	1
							2	TLC[330]MDAVQHWGK	1
							1	IGLHLR	1
							2	TLC[330]MDAVQHWGK	1
							1	IGLHLR	1

MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.46	0.05	5	2	3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							2	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	VEYPIMYSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
MICA3_HUMAN (Q7RTP6) Protein MICAL-3 [MASS=109910]	*	5.74	*	*	*	3	3	C[330]EYC[339]ATTLRLSAYAYDIEDGK	1
							2	ALWAKLDR	1
							3	HLYDTGETKDIHLEMESLVNSRTTPK	1
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	*	5.66	*	*	*	2	2	LTTMAMYPHVTQADLK	1
							2	NVVRKHISDGVADSGTLK	1
MKLN1_HUMAN (Q9UL63) Muskellin [MASS=84767]	0.00	1.50	0.10	0.00	1	1	3	LC[330]RPSKDYLLR	1
MLH3_HUMAN (Q9UHC1) DNA mismatch repair protein Mlh3 (MutL protein homolog 3) [MASS=163711]	*	1.38	*	*	*	2	3	GSERETQTMGMM[147]SR	1
							1	LIGFSK	1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	*	4.49	*	*	*	1	3	GYENGNFVGPTIISNVKPNM[147]TC[339]YK	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	0.86	9.72	0.92	0.00	1	2	3	ALVGDEVELPC[339]R	1
							2	FSDEGGFTC[330]FFR	1
MOT8_HUMAN (P36021) Monocarboxylate transporter 8 (MCT 8) (X-linked PEST-containing transporter) (MCT 7) [MASS=66400]	0.00	2.77	0.94	0.00	1	1	2	ETWVLLVC[339]IGATSGGLGR	1
MP2K5_HUMAN (Q13163) Dual specificity mitogen-activated protein kinase kinase 5 (EC 2.7.12.2) (MAP kinase kinase 5) (MAPKK 5) (MAPK/ERK kinase 5) [MASS=48968]	0.00	4.11	1.86	0.00	1	1	3	C[339]DSSYIIGFYGAFFVENR	1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	0.48	1.66	1.44	0.00	1	1	1	FAC[339]FER	1
MPP9_HUMAN (Q99550) M-phase phosphoprotein 9 [MASS=78084]	0.00	1.59	*	*	*	1	1	QVEHENM[147]LSLR	1

MSH5_HUMAN (O43196) MutS protein homolog 5 [MASS=92875]	*	7.67	*	*	*	3	3	QVGLITFMALVGSFVPAEEAEIGAVDAIFTR	1
							2	LLSGNYSFIPDAMTATEK	1
							2	VITGPNSSGKSIYLK	1
							3	QVC[330]QLPGLFSYAQHIASIDGR	2
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	11.22	0.96	0.06	4	2	3	QVC[339]QLPGLFSYAQHIASIDGR	1
							2	LC[330]SGVLGTVVHGK	1
MTMR5_HUMAN (O95248) SET-binding factor 1 (Sbf1) (Myotubularin-related protein 5) [MASS=208255]	*	0.59	*	*	*	1	2	DKGPSLRTLRSR	1
MTMR7_HUMAN (Q9Y216) Myotubularin-related protein 7 (EC 3.1.3.-) [MASS=75806]	*	2.12	*	*	*	1	2	IQERTYSLWAHLWK	1
MTX1_HUMAN (Q13505) Metaxin-1 [MASS=35777]	*	5.05	*	*	*	1	3	APGTRTLGMAEEDDEE	1
MUC2_HUMAN (Q02817) Mucin-2 precursor (Intestinal mucin-2) [MASS=540296]	*	0.17	*	*	*	1	3	C[339]EQTHC[330]IHK	1
MY18A_HUMAN (Q92614) Myosin-18A (Myosin XVIIIa) (Myosin containing PDZ domain) (Molecule associated with JAK3 N-terminus) (MAJN) [MASS=233113]	0.00	2.00	*	*	*	3	2	SLARTDEAR	1
							2	ALLADAQLM[147]LDHLK	1
							2	LTAELQDTKLHLEGQQVR	1
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	*	1.75	*	*	*	6	1	RKALM[147]R	1
							3	DPPKGMIPPGTQLVKPK	1
							2	SHPAQLKHK	1
							2	PDGRMSR	1
							3	EHTGKPTTSSEAC[330]R	1
							3	ELIC[330]GAC[330]SDVSRAQMC[330]PKHGTDFLEYK	1
MYEF2_HUMAN (Q9P2K5) Myelin expression factor 2 (MyEF-2) (MST156) [MASS=64179]	0.00	2.50	1.73	0.00	1	1	2	GC[339]GVVEFKDEEFVKK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	0.00	4.71	*	*	*	2	3	APASEKGDGTLAQPSTSSQGPK	1
							1	APASEK	2
MYO10_HUMAN (Q9HD67) Myosin-10 (Myosin X) [MASS=237389]	*	0.53	*	*	*	1	3	NSPKMSSLKLK	1

MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	0.00	5.53	0.19	0.00	1	5	3	SHTVWERM[147]SVKLC[339]FTVQGFPTPVVQWYK	1
							3	KDHGEYKATLK	1
							2	LM[147]ALSNEIKNPTIPLK	1
							2	EGETVTLKC[330]TMLVTPDLK	3
MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	0.00	1.36	1.53	0.00	1	1	2	VNAQTAVR	1
							3	MLQNLSASEGQLVVFEC[339]R	1
							2	VC[339]GSNLLSIC[339]K	2
							2	VC[330]GSNLLSIC[330]K	4
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	11.59	1.26	0.05	8	3	1	VC[339]GSNLLSIC[339]K	1
							2	TSASIGSLC[330]ADAR	1
							2	TSASIGSLC[339]ADAR	1
							1	LMGRGTKF	2
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	0.00	0.90	0.58	0.00	1	2	3	GM[147]WIC[330]QIC[330]RPR	1
							1	VRTGPGR	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	*	5.88	*	*	*	1	2	EM[147]FGYMK	2
NAC3_HUMAN (P57103) Sodium/calcium exchanger 3 precursor (Na+)/Ca(2+)-exchange protein 3) [MASS=103009]	*	2.37	*	*	*	1	3	DSVTAVVFVAFGTSPDTFASK	1

NALP1_HUMAN (Q9C000) NACHT, LRR and PYD-containing protein 1 (Death effector filament-forming ced-4-like apoptosis protein) (Nucleotide-binding domain and caspase recruitment domain) (Caspase recruitment domain protein 7) [MASS=165865]	0.00	4.01	1.32	0.00	1	3	2 AASHVAQANLKLLDVSK	1
							3 VHFPVAGSYRWPNTGLC[339]FVMR	1
							3 FLLGLLSDEGEREM[147]ENIFHC[330]R	1
NALP4_HUMAN (Q96MN2) NACHT, LRR and PYD-containing protein 4 (PYRIN-containing APAF1-like protein 4) (PAAD and NACHT-containing protein 2) (PYRIN and NACHT-containing protein 2) (Ribonuclease inhibitor 2) [MASS=113445]	*	1.21	*	*	*	1	3 LMMAWS DNKIFR	1
							1 VSPKRGV PK	3
NAP5_HUMAN (O14513) Nck-associated protein 5 (NAP-5) (Fragment) [MASS=44829]	*	4.33	*	*	*	2	1 VSTESFSSR	1
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	0.78	4.13	1.14	0.00	1	2	3 GPVEAKPEC[339]QETETKPAPAEVK	1
							3 LEGQMGEDGNSIK	1
							3 QQGDYSKIEIFQTLPVREPSPPSIHGQPSSGK	1
							3 AVDGFTFTEGDKSPDGR	1
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	*	11.35	*	*	*	4	2 LIEENEKYILKGSNTELTVR	1
							3 GSNTELTVRNIINS DGGPYVC[330]RATNK	3
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	*	0.78	*	*	*	1	3 QMRQLSVIPPMFDAEQRR	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	*	5.66	*	*	*	1	2 SC[330]FQPLFQFEDM[147]QEIIQN FVR	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	0.00	6.12	1.07	0.00	1	1	2 IHLC[339]QR	1

NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (Complex I subunit B13) [MASS=13327]	0.99	13.91	1.06	0.00	1	1	2	TTGLVGLAVC[339]NTPHER	1
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	12.87	1.43	0.02	4	2	2	AAAHHYGAQC[330]DKPNK	1
							2	C[330]ALDFFR	1
							2	AAAHHYGAQC[339]DKPNK	1
							2	C[339]ALDFFR	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	3.10	1.36	0.05	4	1	2	KQC[339]VDHYNEVK	3
							2	KQC[330]VDHYNEVK	1
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	6.62	1.35	0.02	4	1	2	DYC[330]AHLIR	2
							2	DYC[339]AHLIR	2
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.38	6.43	0.99	0.00	1	1	1	EGQNYQQNC[339]IK	1
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	*	3.67	*	*	*	1	2	TMQVHLTVQVPPK	1
NEIL3_HUMAN (Q8TAT5) Endonuclease VIII-like 3 (Nei-like 3) (DNA glycosylase FPG2) [MASS=67893]	*	5.45	*	*	*	2	2	PHTEVKINR	1
							2	LPTRNTIISWTSSRVDHVM[147]DSVAR	1

NF2L3_HUMAN (Q9Y4A8) Nuclear factor erythroid 2-related factor 3 (NF-E2-related factor 3) (NFE2-related factor 3) (Nuclear factor, erythroid derived 2, like 3) [MASS=76154]	0.00	2.74	1.44	0.00	1	1	2	KLDIILNLEDDVC[330]NLQAKK	1
NGN2_HUMAN (Q9H2A3) Neurogenin 2 [MASS=28621]	*	8.46	*	*	*	1	3	GGVAAGAEGC[339]RPARLLGLVHDC[330]K	1
NIBA_HUMAN (Q9BZQ8) Niban protein [MASS=103134]	0.00	8.19	2.80	0.00	1	3	3 SC[339]LESVQPFLASILEELMGPVSSGFSEVRVLFEK	1	
							3 M[147]GGSASSQLDEGKC[330]AYIR	1	
							3 TKPPLAPGTILYEELSQQFSEDIK	1	
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	*	5.81	*	*	*	1	3	RASYGHSMVVDPWGTVVAR	1
NMDE1_HUMAN (Q12879) Glutamate [NMDA] receptor subunit epsilon 1 precursor (N-methyl D-aspartate receptor subtype 2A) (NR2A) (NMDAR2A) (hNR2A) [MASS=165281]	*	0.55	*	*	*	1	1	MPSIESDV	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	4.24	0.85	0.17	3	3	2 KTC[339]DALQAK	1	
							2 EANSIIITPGYGLC[339]AAK	1	
							2 EANSIIITPGYGLC[330]AAK	1	
							3 PNTAM[147]LLGDAKKTC[330]DALQAK	1	
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	*	2.74	*	*	*	3	2 VSC[339]HDSDDDIMR	1	
							2 ETTRFFFFSKNDER	1	
							1 RDDKPK	1	
NP10_HUMAN (P61580) HERV-K_5q33.3 provirus Np9 protein (HERV-K10 Np9 protein) (HERV-K107 Np9 protein) [MASS=8892]	0.00	8.00	0.31	0.00	1	1	2 LHFVM[147]C[330]	1	
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	0.28	1.10	2.35	0.00	1	1	2 YNC[339]EYSGPPKPLPK	1	
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	6.00	*	*	*	3	3 DTVRGRLYVNSVSTTLSSWSGHAR	1	
							3 QNMC[339]PAHQNRSLANGPSHPR	1	
							1 TSAGPRR	1	
NRP1_HUMAN (O14786) Neuropilin-1 precursor (Vascular endothelial cell growth factor 165 receptor) (CD304 antigen) [MASS=103120]	*	0.54	*	*	*	1	1	YEIFK	1

NSD1_HUMAN (Q96L73) Histone-lysine N-methyltransferase, H3 lysine-36 and H4 lysine-20 specific (EC 2.1.1.43) (H3-K36-HMTase) (H4-K20-HMTase) (Nuclear receptor-binding SET domain-containing protein 1) (NR-binding SET domain-containing protein) (Androgen r [MASS=296650]	0.00	2.78	0.71	0.00	1	4	3	IIDAGPKGNYARFMNHC[330]C[339]QPNC[330]ETQK	1
							2	QSDPGKISEKGLSFENGK	1
							3	DRIIDAGPKGNYAR	1
							3	EDEC[330]FSC[330]GDAGQLVSC[330]K	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	1.61	1.03	0.09	3	1	1	GILLYGPPGC[339]GK	1
							2	GILLYGPPGC[339]GK	1
							1	GILLYGPPGC[330]GK	1
NTRK1_HUMAN (P04629) High affinity nerve growth factor receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 1) (TRK1 transforming tyrosine kinase protein) (p140-TrkA) (Trk-A) [MASS=87497]	*	1.38	*	*	*	1	2	NC[339]LVGQGLVVK	1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	*	1.75	*	*	*	1	3	LPPYDIPGM[147]VSVVELKQSSVM[147]QR	1
NU3M_HUMAN (P03897) NADH-ubiquinone oxidoreductase chain 3 (EC 1.6.5.3) (NADH dehydrogenase subunit 3) [MASS=13186]	0.97	13.04	1.93	0.00	1	1	2	STPYEC[339]GFDPM[147]SPAR	1
NUAK1_HUMAN (O60285) NUAK family, SNF1-like kinase 1 (EC 2.7.11.1) (AMPK-related protein kinase 5) [MASS=74305]	*	3.48	*	*	*	1	2	KENDFAQSGQDAVPESPSKLSSK	1
							2	VLFLLGADGGC[339]ITR	3
NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	7.57	1.31	0.05	7	3	2	VLFLLGADGGC[330]ITR	1
							3	DC[339]FIYQGHGVDVGAPIADVILPGAAYTEK	1
							2	VVAAC[339]AM[147]PVM[147]K	1
							2	VVAAC[330]AM[147]PVM[147]K	1

NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	25.43	1.79	0.14	7	6	2	LLEG[339]LVGGR	2
							2	NAC[339]GSGYDFDFVVR	1
							3	YLVVNADEGEPTC[339]KDREILR	1
							3	LFNISGHVNHPC[339]TVEEEM[147]SVPLK	1
							3	LIEFYKHESC[339]GQC[339]TPC[339]R	1
							3	LKPPFPADVGVFGC[339]PTTVANVETVAVSPTIC[339]R	1
NUHM_HUMAN (P19404) NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) [MASS=27391]	0.99	5.62	1.82	0.00	1	1	2	YHIQVC[339]TTTTPC[339]M[147]LR	1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	0.21	8.57	0.93	0.00	1	1	2	LC[339]EAIC[339]PAQAITIEAEPR	1
NUMA1_HUMAN (Q14980) Nuclear mitotic apparatus protein 1 (NuMA protein) (SP-H antigen) [MASS=238273]	*	3.07	*	*	*	3	2	SPRIATTTASAATAAAIGATPRAK	1
							2	KLLTEKDAQIAM[147]M[147]QQR	1
							3	HLTAQVRSLEAQVAHADQQLRDLGK	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	34.68	1.55	0.06	3	3	3	VSPTGEKVTHTGQVYDDKDYYR	1
							1	SLPLGAR	1
							2	VIAC[339]DGGGGALGHPK	2
							1	VIAC[339]DGGGGALGHPK	1
NUP53_HUMAN (Q8NFH5) Nucleoporin NUP53 (Nuclear pore complex protein Nup53) (Nucleoporin Nup35) (35 kDa nucleoporin) (Mitotic phosphoprotein 44) (MP-44) [MASS=34774]	0.00	15.34	0.24	0.00	1	3	2	TLGTPTQPGSTPRISTM[147]R	1
							2	IFGESIM[147]IGVKPC[330]IDK	1
							2	KDESLVSKAM[147]EYMFGW	1
O4A15_HUMAN (Q8NGL6) Olfactory receptor 4A15 (Olfactory receptor OR11-118) [MASS=35306]	*	5.41	*	*	*	1	3	YM[147]AIC[339]KPLHELITM[147]NRR	1
O51A4_HUMAN (Q8NGJ6) Olfactory receptor 51A4 [MASS=35256]	*	9.90	*	*	*	1	3	HVSPLINVLMANVLLLVPPLTNPIVYC[339]VKTK	1
O52N2_HUMAN (Q8NGI0) Olfactory receptor 52N2 [MASS=35940]	0.00	9.03	0.61	0.00	1	1	3	HKAFSTC[330]TSHM[147]C[330]SIVITYVAAFFTFTHR	1
O5BF1_HUMAN (Q8NHC7) Olfactory receptor 5BF1 [MASS=34815]	0.00	9.62	1.63	0.00	1	1	3	NLSILDAC[339]YISVTVPTSC[339]VNSLLDSTTISK	1

OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin- MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	1.28	1.39	0.00	1	7	2	MDQPQFSGAPR	1
							3	DGDRYC[330]LRQDGAMC[339]ELQIR	1
							3	FRLAQDGDLYR	1
							3	C[339]ELSKAAPVEWR	1
							2	DLGDPSMDKAAVK	1
							2	RVLLVRDVAR	1
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	0.00	1.78	1.44	0.00	1	2	3	HSVIRSLFYHQAGESPEHGALAPGSR	1
							2	C[339]LDSAYDPR	1
							1	VTNTMRK	1
ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2- methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	*	3.11	*	*	*	1	2	DGRILKEDILNYLEK	1
ODP2_HUMAN (P10515) Dihydrolipoyllysine- residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S- acetyltransferase component [MASS=65781]	0.66	4.89	1.16	0.00	1	1	3	NFSAIINPPQAC[339]ILAIGASEDKLVPADNEK	1
ODPA_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	0.99	2.82	0.88	0.00	1	1	2	LPC[339]IFIC[339]ENNR	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1- B) [MASS=39219]	1.00	11.14	0.68	0.06	2	2	3	QGTHITVVSHSRPVGHC[330]LEAAAVLSK	1
							2	PVGHC[330]LEAAAVLSK	1
							2	PVGHC[339]LEAAAVLSK	1

ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.87	12.18	1.21	0.00	1	3	2 STVPHAYATADC[339]DLGAVLK 3 PSPEPQISIPVKKEHIPGTLR 3 QLITVTMSSDSRVVDEDELATR	1 1 1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	6.04	1.22	0.00	2	3	2 TALNHC[339]NLC[339]R 3 M[147]LAITANTLRQQLTNTEVRR 3 GPGLQRM[147]VLVDLPGVINTVTSGMAPDTK 2 TALNHC[330]NLC[330]R	1 1 1 1
OPTN_HUMAN (Q96CV9) Optineurin (Optic neuropathy-inducing protein) (E3-14.7K-interacting protein) (FIP-2) (Huntingtin-interacting protein HYPL) (NEMO-related protein) (Transcription factor IIIA-interacting protein) (TFIIIA-IntP) [MASS=65922]	*	2.43	*	*	*	1	2 ELLTENHQLKEAMK	1
OR8D2_HUMAN (Q9GZM6) Olfactory receptor 8D2 (Olfactory receptor-like protein JCG2) [MASS=34857]	0.00	12.86	35.73	0.00	1	2	3 VC[330]SIMM[147]AVVYSLGFLWATVHTTR 2 YVAIC[339]RPLLYNIVM[147]SHR	1 1
ORC1_HUMAN (Q13415) Origin recognition complex subunit 1 (Replication control protein 1) [MASS=97349]	0.00	5.69	0.14	0.00	1	2	3 MEGLPYPTMSETMAVC[330]SHLGSC[330]RLLLVESR 2 NSSVLEQSFLRAIAEFR	1 1
OX1R_HUMAN (O43613) Orexin receptor type 1 (Ox1r) (Hypocretin receptor type 1) [MASS=47522]	0.00	11.06	0.48	0.00	1	2	3 SLSLQSRC[330]SISKISEHVVLTSVTTVLP 2 C[339]SISKISEHVVLTSVTTVLP	1 1
OXDD_HUMAN (Q99489) D-aspartate oxidase (EC 1.4.3.1) (DASOX) (DDO) [MASS=37535]	0.00	5.57	1.14	0.00	1	1	2 IAVVGAGVVGLSTAVC[330]ISK	1
OXRP_HUMAN (Q9Y4L1) 150 kDa oxygen-regulated protein precursor (Orp150) (Hypoxia up-regulated 1) [MASS=111335]	*	1.20	*	*	*	1	2 AVLQAARM[147]AGLK	1
P3H2_HUMAN (Q8IVL5) Prolyl 3-hydroxylase 2 precursor (EC 1.14.11.7) (Leprecan-like protein 1) (Myxoid liposarcoma-associated protein 4) [MASS=80984]	*	5.65	*	*	*	2	1 FEGATVLK 3 DYSALLYMNDDFEGGEFIFTEMDAKTVTASIK	1 1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	0.00	2.46	1.40	0.00	1	1	3 SLLHMISNDIGQLAC[339]LHAR	1

PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	28.57	1.09	0.08	4	3	2	VTVAGLAGKDPVQC[339]SR	1
							2	GLIAAIC[339]AGPTALLAHEIGFGSK	1
							2	GLIAAIC[330]AGPTALLAHEIGFGSK	1
							2	DVVIC[330]PDASLEDAKK	1
PAX1_HUMAN (P15863) Paired box protein Pax-1 (HUP48) [MASS=46295]	0.00	3.64	*	*	*	1	2	IVELAQLGIRPC[339]DISR	1
PAX9_HUMAN (P55771) Paired box protein Pax-9 [MASS=36310]	0.00	3.81	1.88	0.00	1	1	2	PRVTTPTVVKHIR	1
PCD15_HUMAN (Q96QU1) Protocadherin-15 precursor [MASS=216027]	*	0.66	*	*	*	1	1	QIYKGM[147]VAPDAVK	1
PCOC2_HUMAN (Q9UKZ9) Procollagen C- endopeptidase enhancer 2 precursor (Procollagen COOH-terminal proteinase enhancer 2) (Procollagen C-proteinase enhancer 2) (PCPE-2) [MASS=45716]	*	3.13	*	*	*	1	2	IMPNSFIMM[147]FKTK	1
PDIA5_HUMAN (Q14554) Protein disulfide- isomerase A5 precursor (EC 5.3.4.1) (Protein disulfide isomerase-related protein) [MASS=59594]	0.00	3.85	0.04	0.00	1	2	2	LLSTVAQAVK	1
							2	GFPTIC[330]YFEK	1
PDK2_HUMAN (Q15119) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 2) [MASS=46154]	*	6.14	*	*	*	1	3	HYQTIQEAGDWC[330]VPSTEPKNTSTYR	1
PDZK3_HUMAN (O15018) PDZ domain- containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	*	2.50	*	*	*	7	3	IQM[147]VSSSQKKGVTVPHSPQPK	1
							1	TPGPKDR	1
							1	DGWSPPRSR	1
							1	SFSMAK	1
							2	HNQGTHLR	1
							1	EPGKPR	7
							3	GGNRAC[330]PGGSGPK	1

PEBP1_HUMAN (P30086) Phosphatidylethanolamine-binding protein 1 (PEBP-1) (Prostatic-binding protein) (HCNPPp) (Neuropolypeptide h3) (Raf kinase inhibitor protein) (RKIP) [Contains: Hippocampal cholinergic neurostimulating peptide (HCNP)] [MASS=20925]	0.95	11.83	0.87	0.00	1	1	3	YVWLVEQDRPLKC[339]DEPILSNR	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	*	6.72	*	*	*	2	2 2	ISFNLGAAEEVERLAAMR VMIC[339]MPVGGPDLSLVSYTAQK	1 1
PHEX_HUMAN (P78562) Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (X-linked hypophosphatemia protein) (HYP) (Vitamin D- resistant hypophosphatemic rickets protein) [MASS=86473]	0.53	5.74	0.88	0.00	1	2	2 3	C[330]M[147]INQYSNYYWKK ASNEHILKLDQATLSLAVREDYLDNSTEAK	1 1
PHF8_HUMAN (Q9UPP1) PHD finger protein 8 [MASS=117863]	0.00	4.81	*	*	*	3	3 2 2	VDKARLMAEQVMEDEFDLSDDELQIDER KKNSDDAPWSPK LSLPSKNGSK	1 1 1
PHLD1_HUMAN (P80108) Phosphatidylinositol- glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl- phosphatidylinositol-specific phospholipase D) [MASS=92374]	*	4.17	*	*	*	1	3	LGWAMTSADLNQDGHGDLVVGAPGYSRPGHIHIGR	1
PI51C_HUMAN (O60331) Phosphatidylinositol- 4-phosphate 5-kinase type-1 gamma (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5- kinase type I gamma) (PtdIns(4)P-5-kinase gamma) (PtdInsPKIgamma) (PIP5KIgamma) [MASS=73259]	0.00	4.04	0.86	0.00	1	2	2 2	GERLLLHIGIIDILQSYR DC[330]LVLESFK	2 1
PK1L1_HUMAN (Q8TDX9) Polycystic kidney disease 1-like 1 protein (Polycystin-1L1) [MASS=315433]	0.00	1.90	0.43	0.00	1	3	1 3 3	KPPNR AM[147]AC[330]YFGILLIVSATLC[330]FGM[147]LR AQAPVSVISEGTHLFFSRTTSSPIVLR	1 1 1

PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	0.32	2.36	0.41	0.00	1	2	2	KIANN[C330]IFIVIHR	1
							3	DALTVGKNEEDAK	1
PLCG2_HUMAN (P16885) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-2) (Phospholipase C-gamma-2) (PLC-IV) [MASS=147936]	*	1.03	*	*	*	1	3	PDASAVYLRDFQR	2
PLRG1_HUMAN (O43660) Pleiotropic regulator 1 [MASS=57193]	0.00	5.25	0.59	0.00	1	1	3	VHAAVQPGSLDSESGIFAC[330]AFDQSESR	1
PLXA2_HUMAN (O75051) Plexin-A2 precursor (Semaphorin receptor OCT) [MASS=212654]	*	2.15	*	*	*	3	3	LTGNLTIQVAHKTGPEEDNK	1
							2	DM[147]AFSIDQR	1
							2	VEQLINAMSIES	1
PLXA3_HUMAN (P51805) Plexin-A3 precursor (Plexin-4) (Semaphorin receptor SEX) [MASS=207664]	*	0.32	*	*	*	1	2	HTC[339]TSR	1
PLXB2_HUMAN (O15031) Plexin-B2 precursor (MM1) [MASS=205098]	*	2.67	*	*	*	2	2	NLDTVKGSSSLHVGSDLLK	1
							3	SFVASNDEGVATVGLVSSTGPGGDRVLFVGK	1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	*	0.47	*	*	*	1	1	GNISAVAVR	1
PO3F2_HUMAN (P20265) POU domain, class 3, transcription factor 2 (Nervous system-specific octamer-binding transcription factor N-Oct-3) (Brain-specific homeobox/POU domain protein 2) (Brain-2) (Protein Brn-2) [MASS=46892]	*	2.26	*	*	*	1	2	PSVVVQQGGR	3
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPlase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	25.00	1.52	0.15	4	2	3	HTGPGILSM[147]ANAGPNTNGSQFFIC[330]TAK	1
							2	IIPGFM[147]C[339]QGGDFTR	1
							2	IIPGFM[147]C[330]QGGDFTR	1
							2	IIPGFMC[330]QGGDFTR	1
PPWD1_HUMAN (Q96BP3) Peptidylprolyl isomerase domain and WD repeat-containing protein 1 (EC 5.2.1.8) [MASS=73574]	0.00	4.18	1.82	0.00	1	2	2	LM[147]RVFDESLSMFTLQQMR	1
							2	LFPVEC[339]PK	1

PRAM5_HUMAN (Q5TYX0) PRAME family member 5 [MASS=54860]	0.00	6.72	0.24	0.00	1	2	3 2	MPC[339]LEAFQAVLDGLDALLTQGVHPR PVQDC[339]PR	1 1
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	0.00	4.25	0.44	0.00	1	3	3 1 3	MDKPMCLKAGSGVHAAGTPENSAPVESEPSQWAC[330]K DIALM[147]DDHQR EHMRVHDNVREYLC[330]AEC[330]GK	1 1 1
PRD16_HUMAN (Q9HAZ2) PR domain zinc finger protein 16 (PR domain-containing protein 16) (Transcription factor MEL1) [MASS=140261]	0.00	3.45	0.83	0.00	1	2	3 2	YSLEQHMVIHTEEREYKC[330]DQC[330]PK RC[330]AEDHEGGLLALEPM[147]PTFGK	1 1
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026]	1.00	17.29	0.86	0.02	2	2	2 2 3	GVLFQVPGAFTPGC[339]SK GVLFQVPGAFTPGC[330]SK GVQVVAC[330]LSVNDAFVTGEWGR	1 1 1
PRIC1_HUMAN (Q96MT3) Prickle-like protein 1 (REST/NRSF-interacting LIM domain protein 1) [MASS=94300]	*	3.73	*	*	*	2	3 1	SLFQPPQNM[147]DIRASEHWISDNM[147]VK ILPEEK	1 1
PROD_HUMAN (O43272) Proline oxidase, mitochondrial precursor (EC 1.5.3.-) (Proline dehydrogenase) [MASS=59216]	0.00	6.20	0.75	0.00	1	2	2 2	FNVEKPLIFNTYQC[330]YLK ALENSSLMKGTHRER	1 1
PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP-like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	0.00	3.21	2.12	0.00	1	1	2	M[147]LLLALFC[339]JAVSVVWGVFR	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	*	0.97	*	*	*	1	3	RIVLVDDREC[330]PVR	3
PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	*	4.98	*	*	*	1	3	LLVVSTQLSHC[339]JR	1

PYC_HUMAN (P11498) Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) [MASS=129633]	0.94	5.94	1.17	0.00	1	4	2	VIAHGKDHPTAATKM[147]SR	1
							1	AGTHILC[339]IK	1
							3	IVGDLAQFM[147]VQNGLSR	1
							3	PAQNRAQKLLHYLGHVVMVNGPTTPIPVK	1
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	0.97	2.74	1.00	0.00	1	1	1	ALIHSAC[339]VK	1
RBBP8_HUMAN (Q99708) Retinoblastoma-binding protein 8 (RBBP-8) (CtBP-interacting protein) (CtIP) (Retinoblastoma-interacting protein and myosin-like) (RIM) [MASS=101967]	0.00	2.34	2.01	0.00	1	2	2	KLLGHTC[339]JK	1
							2	EENAVFKIPLRPR	1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	*	0.63	*	*	*	1	1	PGEGASGASR	1
RBP22_HUMAN (Q53T03) Ran-binding protein 2-like 2 (RanBP2L2) [MASS=198922]	0.00	2.55	1.17	0.00	1	3	3	SM[147]KGFYFAKLYYEAK	1
							2	EYLESQQC[330]LES DK	1
							2	KC[330]ELSKNSDIEQSSDSK	1
RBP26_HUMAN (Q68DN6) Ran-binding protein 2-like 6 (RanBP2L6) [MASS=196685]	0.00	2.86	*	*	*	3	2	GFSGAGEKLFSSQC[339]GK	1
							3	SLELNPPQKDLVLKIAELLC[330]K	1
							3	FDESTTGFNFSFK	1
RDH1_HUMAN (Q92781) 11-cis retinol dehydrogenase (EC 1.1.1.105) (11-cis RDH) [MASS=34979]	*	6.60	*	*	*	1	3	M[147]WLPLLLGALLWAVLWLLRDR	1
RECK_HUMAN (O95980) Reversion-inducing cysteine-rich protein with Kazal motifs precursor (hRECK) (Suppressor of tumorigenicity 15) (ST15) [MASS=106457]	*	5.97	*	*	*	4	3	DVC[339]EQIFSSKSESRLK	1
							2	VTNKKPITVLEILQK	1
							3	GSIKMPFINIPVLDIK	1
							2	AEDHAC[339]QNAC[330]K	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	*	1.08	*	*	*	1	1	GGAPGAKR	2
REXO1_HUMAN (Q8N1G1) RNA exonuclease 1 homolog (EC 3.1.-.-) (Elongin A-binding protein 1) (EloA-BP1) (Transcription elongation factor B polypeptide 3-binding protein 1) [MASS=131529]	*	0.57	*	*	*	1	2	PKDSSC[339]JR	1

RFC4_HUMAN (P35249) Replication factor C subunit 4 (Replication factor C 37 kDa subunit) (RF-C 37 kDa subunit) (RFC37) (Activator 1 37 kDa subunit) (A1 37 kDa subunit) [MASS=39681]	*	5.51	*	*	*	1	3	IVILDEADSMTSAAQAALRR	1
RGS19_HUMAN (P49795) Regulator of G-protein signaling 19 (RGS19) (G-alpha-interacting protein) (GAIP protein) [MASS=24636]	*	17.51	*	*	*	2	2 3	LMHSPAGRSVFR SVFRAFLRTEYSEENMLFWLAC[330]EELK	1 1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.99	7.25	1.17	0.00	1	1	2	HFC[339]PNVPILVGNK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	1.00	7.14	1.03	0.00	2	1	2 2	HFC[339]PNVPILVANK HFC[330]PNVPILVANK	1 1
RIB1_HUMAN (P04843) Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precursor (EC 2.4.1.119) (Ribophorin I) (RPN-I) [MASS=68569]	*	2.80	*	*	*	1	2	VSEM[147]QKLDAQVKELVLK	1
RIMB1_HUMAN (O95153) Peripheral-type benzodiazepine receptor-associated protein 1 (PRAX-1) (Peripheral benzodiazepine receptor-interacting protein) (PBR-IP) (RIM-binding protein 1) (RIM-BP1) [MASS=200149]	*	2.21	*	*	*	3	3 1 2	C[339]AILKEENQM[147]LR GPQKRGVR PEDEEVEAFLKAKLNMSFGDR	1 1 1
RIOK1_HUMAN (Q9BRS2) Serine/threonine-protein kinase RIO1 (EC 2.7.11.1) (RIO kinase 1) [MASS=65583]	*	5.46	*	*	*	1	3	DM[147]DIIMKLKEEDM[147]AMNAQQDNILYQTVTGLK	1
RIPK2_HUMAN (O43353) Receptor-interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (RIP-like-interacting CLARP kinase) (Receptor-interacting protein 2) (RIP-2) (CARD-containing interleukin-1 beta-converting enzyme-associated kinase) (CARD-containi [MASS=61195]	0.00	3.15	16.67	0.00	1	1	2	MNGEAIC[339]SALPTIPYHK	1
RIPK5_HUMAN (Q6XUX3) Receptor-interacting serine/threonine-protein kinase 5 (EC 2.7.11.1) (Dusty protein kinase) (Dusty PK) (RIP-homologous kinase) [MASS=105258]	0.00	6.46	0.69	0.00	1	3	3 3 3	DVIVPENGEVPGTREIKC[339]C[330]IR GPAGDVAETGLQAGQLSC[330]ISFPPK DLYTGLKAGLTLETR	1 1 1

RIR2B_HUMAN (Q7LG56) Ribonucleoside-diphosphate reductase M2 subunit B (EC 1.17.4.1) (TP53-inducible ribonucleotide reductase M2 B) (p53-inducible ribonucleotide reductase small subunit 2-like protein) (p53R2) [MASS=40736]	0.00	6.55	0.48	0.00	1	1	3	IEQEFLTEALPVGLIGM[147]NC[330]ILMK	1
RL10A_HUMAN (P62906) 60S ribosomal protein L10a (CSA-19) [MASS=24700]	*	2.78	*	*	*	1	1	NWQNVNR	1
RL12_HUMAN (P30050) 60S ribosomal protein L12 [MASS=17818]	0.99	11.52	1.49	0.00	1	1	2	HPHDIIDDINSGAVEC[339]PAS	1
RNBP6_HUMAN (O60518) Ran-binding protein 6 (RanBP6) [MASS=124713]	0.00	0.90	5.79	0.00	1	1	3	LC[339]DIFAVLAR	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	0.00	2.16	1.18	0.00	1	1	3	YMRAQMEPGSAVGALC[339]AQSIGEPGTQM[147]TLK	1
RPP29_HUMAN (O95707) Ribonuclease P protein subunit p29 (EC 3.1.26.5) (hPOP4) [MASS=25425]	*	7.27	*	*	*	1	2	STPRM[147]SPQAREDQLQR	1
RPTN_HUMAN (Q6XPR3) Repetin [MASS=90730]	0.00	3.83	8.28	0.00	1	1	3	M[147]AQLLNSILSVIDVFHKYAKGNDC[339]ALLC[339]K	1
RS25_HUMAN (P62851) 40S ribosomal protein S25 [MASS=13742]	0.00	20.00	0.50	0.00	1	2	1	LVSKHR	1
RSMB_HUMAN (P14678) Small nuclear ribonucleoprotein-associated proteins B and B' (snRNP-B) (Sm protein B/B') (Sm-B/Sm-B') (SmB/SmB') [MASS=24610]	*	27.50	*	*	*	4	2	LC[330]KEVPNYKLITPAVVSER	1
							2	C[339]ILQDGRIFIGTFKAFDK	1
							3	GTPMGM[147]PPPGM[147]RPPPPGM[147]RGPPPPGMR	1
							1	PPPPGM[147]R	1
							2	VPLAGAAGGPGIGR	1
RT06_HUMAN (P82932) Mitochondrial 28S ribosomal protein S6 (S6mt) (MRP-S6) [MASS=14095]	*	11.29	*	*	*	1	1	RTIEALM[147]DRGAIVR	1
RTL1_HUMAN (Q9NZ71) Regulator of telomere elongation helicase 1 (EC 3.6.1.-) (Helicase-like protein NHL) [MASS=152373]	*	1.07	*	*	*	1	3	TM[147]PAPAPRATAPSVR	1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	1.00	2.96	0.63	0.11	2	2	2	YTDC[339]LQFYVNSTLK	1
							2	YTDC[330]LQFYVNSTLK	1
							2	PEGVREPK	1

RTN4_HUMAN (Q9NQC3) Reticulon-4 (Neurite outgrowth inhibitor) (Nogo protein) (Foocen) (Neuroendocrine-specific protein) (NSP) (Neuroendocrine-specific protein C homolog) (RTN-x) (Reticulon-5) [MASS=129930]	0.97	1.85	0.89	0.00	1	2	2 1	YSNSALGHVNC[339]TIK KAQIVTEK	1 1
RUNX1_HUMAN (Q01196) Runt-related transcription factor 1 (Core-binding factor, alpha 2 subunit) (CBF-alpha 2) (Acute myeloid leukemia 1 protein) (Oncogene AML-1) (Polyomavirus enhancer-binding protein 2 alpha B subunit) (PEBP2-alpha B) (PEA2-alpha B) (SL [MASS=48796])	0.28	7.73	*	*	*	1	3	VVALGDVPDGLTVTM[147]AGNDENYSAELRNATAAM[147]K	2
							3	KLDTNSDGQLDFSEFLNLIGGLAMAC[339]HDSFLK	2
S10AB_HUMAN (P31949) Protein S100-A11 (S100 calcium-binding protein A11) (Protein S100C) (Calgizzarin) (MLN 70) [MASS=11740]	1.00	60.00	1.27	0.09	7	2	3	LDTNSDGQLDFSEFLNLIGGLAM[147]AC[339]HDSFLK	2
							3	LDTNSDGQLDFSEFLNLIGGLAM[147]AC[330]HDSFLK	1
							3	KLDTNSDGQLDFSEFLNLIGGLAM[147]AC[330]HDSFLK	2
S22A9_HUMAN (Q8IVM8) Solute carrier family 22 member 9 (Organic anion transporter 4) [MASS=62169]	0.00	5.06	0.13	0.00	1	1	3	ASQMLLMFLLAIC[330]LLAIIFVPQEM[147]QTLR	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	*	0.86	*	*	*	3	1 3 1	SVISAHK PFFDNLLQDELQHLK KTVAENVYRLK	1 1 1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	13.01	1.19	0.09	2	3	2 2 3	THFFLNAGNLC[330]NLNYGEGPK IC[339]DGVQFGAGIR RLTGSYNTM[147]VGNNEGSM[147]VLGLKLPNLLGR	1 1 1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112])	1.00	7.63	1.11	0.12	8	2	1 3 2	GC[339]SFLPDPYQK QC[339]DQFVAEYEPVLEILVEVM[147]DPSFVC[339]LK GC[339]SFLPDPYQK	1 2 3
SAR1A_HUMAN (Q9NR31) GTP-binding protein SAR1a (COPII-associated small GTPase) [MASS=22367]	0.97	17.17	0.60	0.00	1	2	2 2	NYLPAINGIVFLVDC[330]ADHSR SGKLVFLGLDNAGK	1 1

SCNND_HUMAN (P51172) Amiloride-sensitive sodium channel subunit delta (Epithelial Na+ channel subunit delta) (Delta ENaC) (Nonvoltage-gated sodium channel 1 subunit delta) (SCNED) (Delta NaCH) [MASS=70274]	0.00	1.57	1.31	0.00	1	1	2	HPAWGHC[339]FYR	1
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	0.42	9.23	1.73	0.00	1	3	2 GLTLIELWEGLTVDDVQKSTGC[330]DFAVSPK 1 STGC[339]DFAVSPK 2 C[339]TLPLTGK	1 1 1	
SEM3A_HUMAN (Q14563) Semaphorin-3A precursor (Semaphorin III) (Sema III) [MASS=88889]	*	1.04	*	*	*	1	2	DDGDGSK	1
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	*	1.54	*	*	*	1	2	LDTHNLESGRLK	1
SENP6_HUMAN (Q9GZR1) Sentrin-specific protease 6 (EC 3.4.22.-) (Sentrin/SUMO-specific protease SENP6) (SUMO-1-specific protease 1) [MASS=126144]	*	1.44	*	*	*	2	1 KARMK 2 ERKEYPPHVQK	3 1	
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	*	5.15	*	*	*	1	3	LYPWGIVEVENQAHC[339]DFVK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	*	15.56	*	*	*	3	3 VNIPLIAKADTLTPEEC[339]QQFKK 3 VQC[339]C[330]LYFIAPSGHGLKPLDIEFMKR 3 LAAVTYNGVDNNKNKGQLTK	1 1 1	
SEPT8_HUMAN (Q92599) Septin-8 [MASS=55625]	*	2.49	*	*	*	1	3	ELEEETNAFNRR	1
SFR15_HUMAN (O95104) Splicing factor, arginine/serine-rich 15 (CTD-binding SR-like protein RA4) [MASS=125868]	0.00	0.87	0.77	0.00	1	1	2	GC[330]AYIVMVHR	1
SFRP2_HUMAN (Q96HF1) Secreted frizzled-related protein 2 precursor (sFRP-2) (Secreted apoptosis-related protein 1) (SARP-1) (Frizzled-related protein 2) (FRP-2) [MASS=33490]	0.61	4.41	0.20	0.00	1	1	2	NDDDNDIM[147]ETLC[330]K	1

SFTA1_HUMAN (Q8IWL2) Pulmonary surfactant-associated protein A1 precursor (SP-A1) (SP-A) (PSP-A) (PSPA) (Alveolar proteinosis protein) (35 kDa pulmonary surfactant-associated protein) [MASS=26242]	0.00	8.47	4.80	0.00	1	1	2	DVC[339]VGSPGIPGTPGSHGLPGR	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	1.00	15.58	1.15	0.01	2	2	2	FVPFAAVAAANC[339]INIPLMR	1
							2	FVPFAAVAAANC[330]INIPLM[147]R	1
							2	FVPFAAVAAANC[339]INIPLM[147]R	1
							3	QAITQVVVSRILM[147]AAPGM[147]AIPPFIMNTLEKK	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	0.00	8.55	0.84	0.00	1	2	3	ATPQHTVSFTC[339]ESHGFSR	1
							3	ATPQHTVSFTC[330]ESHGFSRDLTK	1
SIA4C_HUMAN (Q11206) CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase (EC 2.4.99.-) (Beta-galactoside alpha-2,3-sialyltransferase) (Alpha 2,3-sialyltransferase IV) (Alpha 2,3-ST) (GalNAc6S) (STZ) (SIAT4-C) (ST3Gal III) (SAT-3) (ST- [MASS=38045]	0.00	15.32	0.44	0.00	1	2	3	PTTGLLAITLALHLC[330]DLVHIAGFGYPDAYNKK	1
							2	VLAITSSSIPKNIQSLRC[330]R	1
SIAL_HUMAN (P21815) Bone sialoprotein-2 precursor (Bone sialoprotein II) (BSP II) (Cell-binding sialoprotein) (Integrin-binding sialoprotein) [MASS=35018]	0.60	5.68	0.31	0.00	1	1	2	TALILLSILGMAC[330]AFSM[147]K	1
SIN3B_HUMAN (O75182) Paired amphipathic helix protein Sin3b (Transcriptional corepressor Sin3b) (Histone deacetylase complex subunit Sin3b) [MASS=133066]	0.00	1.38	2.11	0.00	1	1	3	GTLC[339]RAKQVQPLVLLR	1
SIPA1_HUMAN (Q96FS4) Signal-induced proliferation-associated protein 1 (Sipa-1) (GTPase-activating protein Spa-1) (p130 SPA-1) [MASS=112148]	*	3.26	*	*	*	2	3	AAPRGPGAELQAAGSLVWGVR	1
							2	M[147]PMWAGGVGSPRR	1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	*	3.52	*	*	*	1	3	GLQLTWLENGNVS	1

SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	0.72	5.66	0.92	0.00	1	1	3	C[339]EDC[339]QSLVKPDIVFFGESLPAR	1
SIRT7_HUMAN (Q9NRC8) NAD-dependent deacetylase sirtuin-7 (EC 3.5.1.-) (SIR2-like protein 7) [MASS=44898]	0.00	6.50	0.33	0.00	1	2	2	ADTILC[339]LGSSSLKVLKK	1
							2	LHGKC[330]DDVMR	1
SLIK4_HUMAN (Q8IW52) SLIT and NTRK-like protein 4 precursor [MASS=94330]	*	2.63	*	*	*	1	3	HEGLGNPDC[330]GSM[147]QLQLRKHDHK	1
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	*	0.98	*	*	*	1	2	C[330]EGTTVDC[330]SNQKLNK	1
SMAD6_HUMAN (O43541) Mothers against decapentaplegic homolog 6 (SMAD 6) (Mothers against DPP homolog 6) (Smad6) (hSMAD6) [MASS=53496]	*	1.01	*	*	*	1	1	M[147]FRSK	1
							2	GYEYC[339]R	12
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	0.00	0.61	5.26	0.00	1	1			
SMG1_HUMAN (Q96Q15) Serine/threonine-protein kinase SMG1 (EC 2.7.11.1) (SMG-1) (hSMG-1) (Lambda/iota protein kinase C-interacting protein) (Lambda-interacting protein) (61E3.4) [MASS=410259]	*	1.64	*	*	*	4	1	AVRDPK	1
							3	HLDNVLIDM[147]TTGEVVHIDYNVC[330]FEKGKSLR	1
							2	SM[147]SYSDERLSNLLR	1
							2	GIIPQLFSR	1
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	0.00	1.27	0.26	0.00	1	1	2	AGGALC[330]HILGAAYK	3

SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	*	1.87	*	*	*	1	3	DHLVSRLQDLQQQVR	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	0.69	7.38	2.17	0.00	1	2	2 1	AALC[330]HFIVDELNAK GLFGGNTR	1 1
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	0.00	2.47	0.89	0.00	1	1	2	RSSGSQQC[339]HHVSKTLER	1
SPRE_HUMAN (P35270) Sepiapterin reductase (EC 1.1.1.153) (SPR) [MASS=28048]	0.00	11.88	1.59	0.00	1	1	3	GFVDLSDSTQVNNYWALNLTSM[147]LC[339]LTSSVLK	1
SRA1_HUMAN (Q9HD15) Steroid receptor RNA activator 1 (Steroid receptor RNA activator protein) (SRAP) [MASS=25673]	0.00	6.78	1.38	0.00	1	1	2	C[339]PAGQAEVEMAELYVK	1
SRBS1_HUMAN (Q9BX66) Sorbin and SH3 domain-containing protein 1 (Ponsin) (c-Cbl-associated protein) (CAP) (SH3 domain protein 5) (SH3P12) [MASS=142454]	0.00	1.16	0.47	0.00	1	1	2	DLSLC[330]QTELEADLEK	1
SRPR_HUMAN (P08240) Signal recognition particle receptor subunit alpha (SR-alpha) (Docking protein alpha) (DP-alpha) [MASS=69811]	*	1.88	*	*	*	1	2	AGAVEQLRTHTR	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.99	5.79	1.63	0.13	2	1	3	NFFEPTLLC[339]NVTQDMLC[339]THEETFGPLAPVIK	2
STK35_HUMAN (Q8TDR2) Serine/threonine-protein kinase 35 (EC 2.7.11.1) (CLP-36-interacting kinase) (Cliik1) (PDLIM1-interacting kinase 1) [MASS=44573]	0.00	3.99	1.98	0.00	1	1	2	VADFGLSKVC[339]AGLAPR	1
STOX1_HUMAN (Q6ZVD7) Storkhead-box protein 1 (Winged helix domain-containing protein) [MASS=110961]	*	4.85	*	*	*	3	2 2 3	ASFEAEVIQDTIGDTGK ANARC[330]FWNARLAR M[147]ARPVQLAPGSLALVLC[339]R	1 1 1

STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	5.56	1.31	0.04	3	2	3 AAHVFFTDSC[339]PDALFNELVK 2 YSTHLHLAEDC[330]MK 2 YSTHLHLAEDC[339]M[147]K 1 VNPSSYSR	1 1 1 8
SUHW4_HUMAN (Q6N043) Suppressor of hairy wing homolog 4 [MASS=109298]	*	0.82	*	*	*	1		
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	0.98	1.96	1.06	0.00	1	1	2 NVGC[339]LQEALQLATSFAQLR	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.79	2.87	0.43	0.00	1	2	2 KPGLEEAVESAC[330]AMR 2 EESSYKVIVMPPTK	1 1
SYLC_HUMAN (Q9P2J5) Leucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.4) (Leucine--tRNA ligase) (LeuRS) [MASS=134465]	*	3.49	*	*	*	3	1 KTIQKK 2 VIASELGSM[147]PELKKYM[147]K 2 VMPFVAM[147]IKENLEKMGPR	1 1 1
SYN1_HUMAN (P17600) Synapsin-1 (Synapsin I) (Brain protein 4.1) [MASS=74111]	*	1.42	*	*	*	1	2 MGHAHSGM[147]GK	1
SYNE2_HUMAN (Q8WXH0) Nesprin-2 (Nuclear envelope spectrin repeat protein 2) (Syne-2) (Synaptic nuclear envelope protein 2) (Nucleus and actin connecting element protein) (Protein NUANCE) [MASS=796379]	*	1.39	*	*	*	6	3 TEAELEM[147]LKM[147]AKPPSDIQEIELR 3 IEEINNGLHNVEKM[147]LQKK 3 LPAVTSEEGGVAER 2 VAKLRDEGER 2 TLQNMNR 3 ELIKELEQSLASWTQNLKELQTMK	1 1 1 1 1 1
SYNJ1_HUMAN (O43426) Synaptojanin-1 (EC 3.1.3.36) (Synaptic inositol-1,4,5-trisphosphate 5-phosphatase 1) [MASS=173345]	0.00	2.16	0.76	0.00	1	2	2 SRASSSLDGFK 2 TSPC[339]QSPTISEGPVPSLPIRPSR	1 1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	3.83	1.05	0.09	5	1	1 LHQVYFDAPTC[330]R 2 LHQVYFDAPTC[339]R 1 LHQVYFDAPTC[339]R 2 LHQVYFDAPTC[330]R	1 1 1 2

SYPM_HUMAN (Q7L3T8) Probable prolyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.15) (Proline--tRNA ligase) (ProRS) [MASS=53262]	*	1.47	*	*	*	1	1	AMEKLVR	1							
SYT11_HUMAN (Q9BT88) Synaptotagmin-11 (Synaptotagmin XI) (SytXI) [MASS=48306]	0.00	3.25	0.26	0.12	2	1	2	GPSSGSC[330]IDQLPIK	2							
SYT14_HUMAN (Q8NB59) Synaptotagmin-14 (Synaptotagmin XIV) (SytXIV) [MASS=62288]	0.00	1.26	2.69	0.00	1	1	2	C[339]KTSIRR	1							
SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (SytI) (p65) [MASS=47573]	*	7.11	*	*	*	2	2	DDDAETGLTDGEEKEEPK	1							
							2	VQVVVTVLDYDK	1							
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	*	3.02	*	*	*	1	3	EVVMEHPSSGSDWSDVEEISTVR	1							
							2	SIQFVDWC[330]PTGFK	2							
							2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1							
							3	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	2							
							2	YMAC[330]C[330]LLYR	1							
							3	AYHEQLSVAEITNAC[330]FEPANQMVK	1							
							3	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1							
							1	SIQFVDWC[339]PTGFK	1							
							3	LSDQC[330]TGLQGFLVFHSFGGGTSGGFTSLLM[147]ER	2							
							TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	17.41	1.03	0.16	8	4	2	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
														3	LSDQC[330]TGLQGFLVFHSFGGGTSGGFTSLLMER	1
2	SIQFVDWC[339]PTGFK	3														
2	YM[147]AC[339]C[339]LLYR	4														
2	YM[147]AC[330]C[330]LLYR	3														
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	4.89	0.34	0.00	1	2								2	YM[147]AC[330]C[330]MLYR	1
														2	TIQFVDWC[330]PTGFK	1

TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.13	0.04	5	1	3	LADQC[339]TGLQGFLVFHSFGGGTSGGFTSLLM[147]JER	3
							3	LADQC[339]TGLQGFLVFHSFGGGTSGGFTSLLMER	1
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGMGTLLISK	1
							2	NMM[147]AAC[330]DPR	1
							2	NM[147]M[147]AAC[330]DPR	1
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	16.85	*	*	*	4	3	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							2	TAVC[330]DIPPR	4
							3	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
							2	LTTPTYGDLNHLVSATMSGVTTC[339]LR	3
							2	NM[147]M[147]AAC[339]DPR	1
							1	TAVC[339]DIPPR	1
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	8.11	1.29	0.09	34	2	3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	2
							2	EIVHIQAGQC[339]GNQIGAK	2
							2	EIVHIQAGQC[330]GNQIGAK	3
							2	M[147]REIVHIQAGQC[339]GNQIGAK	1
							3	M[147]REIVHIQAGQC[339]GNQIGAK	2
							3	MREIVHIQAGQC[330]GNQIGAK	1
							3	MREIVHIQAGQC[339]GNQIGAK	1
TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	1.00	4.04	*	*	*	1	3	M[147]REIVHIQAGQC[330]GNQIGAK	2
							2	MREIVHIQAGQC[330]GNQIGAK	1
							3	EIVHIQAGQC[330]GNQIGAK	1

TBC14_HUMAN (Q9P2M4) TBC1 domain family member 14 [MASS=76626]	*	2.06	*	*	*	1	2	KSSTFPRTGYDSVK	1
TBR1_HUMAN (Q16650) T-brain-1 protein (T-box brain protein 1) (TBR-1) (TES-56) [MASS=74053]	0.29	3.96	1.79	0.00	1	2	2 2	M[147]QLEHC[339]LSPSIMLSKK SEVLAQRDC[330]EK	1 1
TCOF_HUMAN (Q13428) Treacle protein (Treacher Collins syndrome protein) [MASS=144311]	0.00	4.39	1.11	0.00	1	4	2 1 2 2	GSLGSQGAK KGAAPAPPR SSSSESEDEDVIPATQC[330]LTPGIR GAAPAPPRKTGPAAAQVQVGK	1 1 1 1
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	*	2.98	*	*	*	1	3	EVDIGIPDATGRLEILQIHTKNMK	1
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	*	1.04	*	*	*	2	1 3	MAHIR FSISTMLPPVSEC[339]INKNISNSSKK	1 1
TFP11_HUMAN (Q9UBB9) Tuftelin-interacting protein 11 [MASS=96819]	0.00	1.19	*	*	*	1	1	FNEALDIM[147]NR	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	1.00	2.81	1.20	0.02	3	1	2 2	IHM[147]GSC[339]AENTAK IHM[147]GSC[330]AENTAK	2 1
THIO_HUMAN (P10599) Thioredoxin (ATL-derived factor) (ADF) (Surface-associated sulphhydryl protein) (SASP) [MASS=11606]	0.00	8.65	0.86	0.00	1	1	2	C[330]M[147]PTFQFFK	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.98	8.70	1.12	0.00	1	1	2	VTSLTAC[330]LVDQSLR	1
THYG_HUMAN (P01266) Thyroglobulin precursor [MASS=304731]	0.00	1.23	0.70	0.00	1	2	2 2	SRLEDIPVASLPDLHDIER FTATSFGHPYVPSC[330]JR	1 1
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	*	0.38	*	*	*	1	1	TDATFK	1
TIF1G_HUMAN (Q9UPN9) Transcription intermediary factor 1-gamma (TIF1-gamma) (Tripartite motif-containing protein 33) (RET-fused gene 7 protein) (Rfg7 protein) [MASS=122520]	*	1.60	*	*	*	2	1 2	TSLSFK C[330]DPVPAANGAIR	3 1

TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	0.97	15.79	1.10	0.00	1	1	2	C[339]IGKPGGSLDNSEQK	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.74	17.98	1.25	0.00	1	1	2	LTETC[339]FLDC[339]VKDFTTR	1
TINAG_HUMAN (Q9UJW2) Tubulointerstitial nephritis antigen (TIN-Ag) [MASS=54646]	*	6.93	*	*	*	2	2 2	RGLVSHAC[330]YPLFK DQNATNNGC[339]AMASRSDGRGK	1 1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	*	1.77	*	*	*	3	2 3 1	GEAAQLGHK ALRFGTEC[330]TLGYLDLLEHVLVILQKPTPEFK KKQSK	1 1 1
TMED4_HUMAN (Q7Z7H5) Transmembrane emp24 domain-containing protein 4 precursor [MASS=25943]	0.00	7.49	0.51	0.00	1	1	3	C[330]FIEEIPDETMVIGNYR	1
TNFL6_HUMAN (P48023) Tumor necrosis factor ligand superfamily member 6 (Fas antigen ligand) (Fas ligand) (CD178 antigen) (CD95L protein) (Apoptosis antigen ligand) (APTL) [Contains: Tumor necrosis factor ligand superfamily member 6, membrane form; Tumor	0.00	7.12	2.25	0.00	1	1	2	VYFRGQSC[339]NNLPLSHKVYM[147]R	1
TNMD_HUMAN (Q9H2S6) Tenomodulin (TeM) (hTeM) (Chondromodulin-I-like protein) (ChM1L) (hChM1L) (Myodulin) (Tendin) [MASS=37130]	0.00	13.25	7.29	0.00	1	2	2 3	VIMPC[330]NWWWARM[147]LGR IC[339]KSLKIC[339]GLVFGILALTLIVLFWGSK	1 1
							3	SEM[147]EM[147]AHLVSLC[339]DAAHAQTEVAK	2
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	8.55	0.55	0.72	3	4	1 1 3	RNSER AKAHEK ILLDQVEEAVADFDEC[330]IR	2 1 1
TOPB1_HUMAN (Q92547) DNA topoisomerase 2-binding protein 1 (DNA topoisomerase II-binding protein 1) (DNA topoisomerase IIbeta-binding protein 1) (TopBP1) [MASS=170677]	*	2.17	*	*	*	2	3 2	VILHVDQSREAGFK SAHRPHVVGAKWLLC[330]FSK	1 1
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	0.91	7.26	1.11	0.00	1	1	2	VAHALAEGLGVIAC[330]IGEK	1

							2	LLGKTDVQR	7
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	*	1.51	*	*	*	1			
TRI15_HUMAN (Q9C019) Tripartite motif-containing protein 15 (Zinc finger protein B7) (RING finger protein 93) (Zinc finger protein 178) [MASS=52112]	0.00	3.66	0.61	0.00	1	1	2	C[330]QEDQKLQVLLTQIESK	1
TRI50_HUMAN (Q86XT4) Tripartite motif-containing protein 50 [MASS=54774]	0.00	5.95	0.35	0.00	1	1	3	ARC[330]LEGIGGHTRGLVASLDM[147]QLEQAQGTR	1
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	0.00	3.23	0.18	0.00	1	1	3	EDSPGPEVQPMQKFLVC[330]SIC[330]LDR	1
TRIO_HUMAN (O75962) Triple functional domain protein (PTRPF-interacting protein) [MASS=341614]	*	2.04	*	*	*	4	2 3 2 2	C[339]LEDPEKLGSLFVKHER EC[339]MDTYLWEM[147]TSGVEEIPPGIVNK DFSLRM[147]EK MKAM[147]DVLPLIKEK	1 1 1 1
TRPC5_HUMAN (Q9UL62) Short transient receptor potential channel 5 (TrpC5) (Htrp-5) (Htrp5) [MASS=111411]	0.00	4.01	1.35	0.00	1	2	2 3	VNYSPIYRDRIPQLQVR LLTC[339]M[147]TIGFLFPMLSIAYLISPR	1 1
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	*	1.91	*	*	*	1	3	WSISKHTQLSPTDAFGTIEFQGGGHSNKAM[147]YVR	1
TRPS1_HUMAN (Q9UHF7) Zinc finger transcription factor Trps1 (Zinc finger protein GC79) (Tricho-rhino-phalangeal syndrome type I protein) [MASS=141520]	*	5.31	*	*	*	3	2 3 3	NVASEGEGQILEPIGTESK EFSADQM[147]SENTDQSDAAELNHK C[339]KFC[330]NFTYM[147]GNSSTELEQHFLQTHPNK	1 1 1
TRRAP_HUMAN (Q9Y4A5) Transformation/transcription domain-associated protein (350/400 kDa PCAF-associated factor) (PAF350/400) (STAF40) (Tra1 homolog) [MASS=437584]	0.00	0.78	0.42	0.00	1	2	2 2	LLAYC[330]LLNYC[330]K LPEM[147]GSNVELSNLYLKLFK	1 1
TRYB1_HUMAN (Q15661) Tryptase beta-1 precursor (EC 3.4.21.59) (Tryptase-1) (Tryptase I) [MASS=30515]	0.00	2.91	*	*	*	1	1	LPPPFPLK	1

TSH2_HUMAN (Q9NRE2) Teashirt homolog 2 (Zinc finger protein 218) (Ovarian cancer-related protein 10-2) (OVC10-2) [MASS=115004]	0.00	2.90	2.69	0.00	1	2	3	NC[330]DTRNGSNK	1
								C[339]M[147]FC[339]GDSFDSLQDLSVHMIK	1
TYPH_HUMAN (P19971) Thymidine phosphorylase precursor (EC 2.4.2.4) (TdRPase) (TP) (Platelet-derived endothelial cell growth factor) (PD-ECGF) (Gliostatin) [MASS=49955]	0.00	4.77	0.57	0.00	1	1	2	MLAAQGVDPGLARALC[330]SGSPAER	1
U3023_HUMAN (Q86Y78) Protein UNQ3023/PRO9821 precursor [MASS=19118]	0.00	11.11	0.53	0.00	1	1	2	YC[330]YTQHTM[147]EVTGNSISVTK	1
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	0.00	4.18	1.13	0.00	1	3	3	EIGPDDMMN[147]EEYK	1
							2	C[330]EVWGENPNPNDWRR	1
							2	RLVLSYSLPQNVLENC[330]R	1
UBP33_HUMAN (Q8TEY7) Ubiquitin carboxyl-terminal hydrolase 33 (EC 3.1.2.15) (Ubiquitin thioesterase 33) (Ubiquitin-specific-processing protease 33) (Deubiquitinating enzyme 33) (VHL-interacting deubiquitinating enzyme 1) [MASS=106752]	*	2.44	*	*	*	2	2	MC[330]NKINKVNSEGEFDK	1
							1	LSASPPK	1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	*	0.58	*	*	*	1	1	VQASHK	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	0.00	1.56	0.02	0.00	1	1	2	HKLTLESlyQAVC[330]DR	1

UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	1.00	17.94	0.86	0.05	2	2	1	FSAVALC[339]JK	1
							3	QTIGNSC[330]GTIGLIHAVANNQDKLGFEDGSVLK	1
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	*	3.41	*	*	*	1	2	LQM[147]QGEAALAR	1
							2	SHTEEDC[339]TEELFDLHAR	2
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	37.36	1.13	0.06	11	3	2	SHTEEDC[330]TEELFDLHAR	1
							3	SHTEEDC[339]TEELFDLHAR	2
							1	DHC[339]VAHK	1
							2	ERLELC[330]DER	2
UHK1_HUMAN (Q8TAS1) Serine/threonine-protein kinase Kist (EC 2.7.11.1) (Kinase interacting with stathmin) (U2AF homology motif kinase 1) [MASS=46546]	0.00	3.34	1.17	0.00	1	1	2	MAGSGC[339]AWGAEPFR	1
							2	NALVSHLDGTPVC[339]EDIGR	3
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	7.71	1.29	0.05	6	3	2	LC[339]TSATESEVAR	1
							1	GKNILR	1
							2	NALVSHLDGTPVC[330]EDIGR	1
							2	LC[330]TSATESEVAR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	5.30	1.28	0.07	4	2	2	ENM[147]AYTVEC[339]LR	1
							2	NALANPLYC[339]PDYR	3

VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.00	1.99	1.20	0.00	1	1	2	LFPHC[339]GR	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	*	6.32	*	*	*	2	3	LAEMPADSGYPAYLGAR	1
							3	FC[330]PFYKTVGM[147]LSNMIAFYDMAR	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	1.00	11.31	1.35	0.00	2	5	3	IPIFSAAGLPHNEIAAQIC[339]R	1
							2	IPIFSAAGLPHNEIAAQIC[339]R	1
							1	LMKSAIGEGM[147]TRK	1
							1	QAGLVKK	1
							2	LM[147]KSAIGEGM[147]TR	1
							1	DVQAM[147]K	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	*	2.51	*	*	*	1	3	M[147]FLRGTFYQGYMC[330]TKC[330]GVGAHK	1
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	4.26	2.16	0.11	3	1	2	YQIDPDAC[339]FSAK	1
							1	YQIDPDAC[339]FSAK	1
							1	YQIDPDAC[330]FSAK	1
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	8.65	1.19	0.06	2	2	2	SC[339]SGVEFSTSGSSNTDTGK	1
							2	WC[330]EYGLTFTEK	1
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	15.90	4.60	0.00	1	2	3	LSQNNFALGYKAADFQLHTHVNDGTEFGGSIYQK	1
							2	VC[330]NYGLTFTQK	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.69	10.00	1.11	0.00	1	2	2	GFLKDC[330]PSGR	1
							2	M[147]VGTVM[147]MK	1

VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412])	*	3.82	*	*	*	2	1 3	VRKM[147]K MKMSVILGIIHMLFGVSLSLFNHIYFK	1 1
VPS29_HUMAN (Q9UBQ0) Vacuolar protein sorting 29 (Vesicle protein sorting 29) (hVPS29) (PEP11) [MASS=20506]	0.93	7.14	0.89	0.00	1	1	2	IQHILC[339]TGNLC[339]TK	1
VPS4B_HUMAN (O75351) Vacuolar sorting protein 4b (SKD1 protein) [MASS=49302]	0.00	4.28	1.57	0.00	1	1	3	ENKPSIIFIDEIDSLC[339]GSR	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	2.67	*	*	*	3	3 2 3	TC[330]QNYDLEC[339]M[147]SMGC[330]VSGC[330]LC[330]PPGM[147]VR C[330]LPSAC[330]EVVTGSPRGDSQSSWK M[147]IPARFAGVLLALALILPGTLC[339]AEGTR	1 1 1
WAPL_HUMAN (Q7Z5K2) Wings apart-like protein homolog (Friend of EBNA2 protein) [MASS=132945]	0.00	0.59	5.52	0.00	1	1	2	C[339]AMPSFR	1
WDR19_HUMAN (Q8NEZ3) WD repeat protein 19 [MASS=151580]	*	2.31	*	*	*	2	2 3	VYTYVFHK IPSEMATNLMILHSYILVKIHVK	2 1
WFDC6_HUMAN (Q9BQY6) WAP four-disulfide core domain protein 6 precursor (Putative protease inhibitor WAP6) [MASS=14626]	0.00	33.59	*	*	*	2	3 2 3	IC[339]SEFIYGGSQGNNNNFQTEAIC[330]LVTC[330]K RLAPAWPPYHTGGTIK IC[339]SEFIYGGSQGNNNNFQTEAIC[330]LVTC[339]K	1 1 1
WISP3_HUMAN (O95389) WNT1-inducible signaling pathway protein 3 precursor (WISP-3) [MASS=39293]	0.00	7.63	0.33	0.00	1	2	3 2	QPGEIC[330]NEADLC[330]DPHK PRC[339]PPGVSLVR	1 1
WWP1_HUMAN (Q9H0M0) NEDD4-like E3 ubiquitin-protein ligase WWP1 (EC 6.3.2.-) (WW domain-containing protein 1) (Atropin-1-interacting protein 5) (AIP5) [MASS=105201]	0.00	3.15	1.00	0.00	1	1	3	MRLQLFVTGTC[330]RLPLGGFAELMGSNPQK	1
XDH_HUMAN (P47989) Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase (EC 1.17.1.4) (XD); Xanthine oxidase (EC 1.17.3.2) (XO) (Xanthine oxidoreductase)] [MASS=146292]	*	1.28	*	*	*	1	2	VVEKNADPETTLAYLR	1

XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X- Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	0.00	6.82	0.22	0.00	1	3	2 1 2	EKLVTDTYSPVM[147]MTK M[147]VEAFAR NC[330]STNPPYLPVTVVNTTM[147]SLTALR	1 1 1
YLPM1_HUMAN (P49750) YLP motif- containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	*	1.28	*	*	*	1	3	EQLQKM[147]KDFGSEPQMADHLPPQESR	1
ZBT17_HUMAN (Q13105) Zinc finger and BTB domain-containing protein 17 (Zinc finger protein 151) (Myc-interacting zinc finger protein) (Miz-1 protein) [MASS=87927]	0.00	1.49	1.05	0.00	1	1	2	QHTGEKPYVC[339]ER	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	0.00	3.95	1.02	0.00	1	3	3 1 3	QANGLSIHLHTFHNIEDPYDC[339]KK ILGKVR EYHPC[330]PTC[339]GKIFSAPSMLE	1 1 1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	*	2.21	*	*	*	2	2 2	VYHPETGRKNEK EC[339]PQFKGSSGSLSSKYMTQ GK	1 1
ZFP14_HUMAN (Q9HCL3) Zinc finger protein 14 homolog (Zfp-14) [MASS=63463]	0.00	3.94	1.79	0.00	1	1	3	LLSQLTQHQSIHTGEKPYEC[339]K	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	0.00	5.16	0.17	1.81	4	1	3 3	SYAGKQTDEC[330]NEFGKALLYLK	4
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	*	8.46	*	*	*	3	3 3 3	EEDLSNNNLEAEGTDGASLAGTSSC[339]SC[330]LDSR C[339]SPGGVIGASYAAGLAKASDR EKC[330]SPGGVIGASYAAGLAKASDR	1 1 3
ZFYV1_HUMAN (Q9HBF4) Zinc finger FYVE domain-containing protein 1 (Double FYVE- containing protein 1) (Tandem FYVE fingers-1) (SR3) [MASS=87175]	0.00	2.70	0.89	0.00	1	1	3	DAARPAYWVPDHEILHC[330]HNC[330]R	1
ZMYM3_HUMAN (Q14202) Zinc finger MYM- type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	*	2.41	*	*	*	2	2 2	RLVLESC[330]SR FFGLQTAEHMQLSFTNVVRQSR	1 1
ZN197_HUMAN (O14709) Zinc finger protein 197 (ZnF20) [MASS=118847]	*	1.07	*	*	*	1	3	C[330]NDC[330]GKVFSYR	1

ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	*	1.03	*	*	*	2	3	EFRKPSDLVR	1
							1	HM[147]ATHMSMK	1
ZN397_HUMAN (Q8NF99) Zinc finger protein 397 (Zinc finger and SCAN domain-containing protein 15) [MASS=61139]	0.23	1.69	1.05	0.00	1	1	2	IHTGEKAC[339]K	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	*	1.80	*	*	*	1	2	MVQGVQLQFAVC[330]DTAAAGQLVK	1
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	*	3.40	*	*	*	3	2	C[330]PLC[339]LYHTK	1
							2	AADFAQDIDINPGAVYKC[339]R	1
							3	DGPPVENEM[147]FFC[339]QHC[339]DYGNR	1
ZN497_HUMAN (Q6ZNH5) Zinc finger protein 497 [MASS=54712]	*	4.22	*	*	*	1	3	PYEC[330]PEC[339]GKAFSWNSNFLEHR	1
							3	EPC[339]VWARDVTGR	6
ZN540_HUMAN (Q8NDQ6) Zinc finger protein 540 [MASS=77093]	*	1.82	*	*	*	1			
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrin-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	*	1.77	*	*	*	3	1	QKHLEAADK	1
							2	GYSVEEVYDLAKPFGGLK	1
							2	FSHADAQK	1
ZN690_HUMAN (Q8IWY8) Zinc finger protein 690 [MASS=96587]	0.00	1.88	0.68	0.00	1	1	3	RIHTGERPHVC[330]PDC[330]GK	1
							2	PEGEQEGEGGPPPR	1
ZN759_HUMAN (Q8NAF0) Zinc finger protein 579 [MASS=60479]	0.23	8.01	1.62	0.00	1	3	2	GHGPQPPLRC[330]AAC[330]PR	2
							2	HAQVHAGGPAPHPC[339]PR	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.00	6.96	0.77	0.11	2	1	3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	2

**Table 12. LAD Mitochondrial Study
Experiment 2**

A = Protein Score
B = Percent Coverage
C = XPress H2L Ratio
D = XPress Std. Dev.
E = XPress Peptides
F = Unique Peptides
G = Charge
H = Instances

Description	A	B	C	D	E	F	G	Peptide Sequence	H
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	*	3.67	*	*	*	1	2	YDDM[147]ASAMK	1
1433G_HUMAN (P61981) 14-3-3 protein gamma (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=28171]	1.00	7.72	1.08	0.09	3	1	2	ELEAVC[339]QDVLSLLDNYLIK	2
							2	ELEAVC[330]QDVLSLLDNYLIK	1
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	0.98	9.80	0.92	0.00	1	1	3	SIC[339]TTVLELLDKYLIANATNPESK	1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	0.71	4.90	1.18	0.00	1	1	2	DIC[339]NDVLSLLEK	1
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	0.99	4.93	1.00	0.00	1	2	1	LGEFAK	1
							3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1
2ABA_HUMAN (P63151) Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform (PP2A, subunit B, B-alpha isoform) (PP2A, subunit B, B55-alpha isoform) (PP2A, subunit B, PR55-alpha isoform) (PP2A, subunit B, R2-alpha isoform) [MASS=51692]	*	2.68	*	*	*	1	2	LC[339]DMRASALC[330]DR	1
3BHS7_HUMAN (Q9H2F3) 3 beta-hydroxysteroid dehydrogenase type 7 (3 beta-hydroxysteroid dehydrogenase type VII) (3Beta-HSD VII) (3-beta-hydroxy-delta(5)-C27 steroid oxidoreductase) (EC 1.1.1.-) (C(27) 3beta-HSD) [MASS=41016]	0.00	3.25	2.68	0.00	1	1	2	NVIEAC[339]VQTGTR	1

5NT1B_HUMAN (Q96P26) Cytosolic 5'-nucleotidase 1B (EC 3.1.3.5) (Cytosolic 5'-nucleotidase 1B) (cN1B) (cN-IB) (Autoimmune infertility-related protein) [MASS=68803]	0.00	3.44	0.20	0.00	1	2	1 3	GFLEDLGRLQK DMAYC[330]DTQLR	1 3
5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	*	3.92	*	*	*	1	3	KVTHDM[147]DMC[330]YGM[147]MGS�FRSGSR	1
AAAS_HUMAN (Q9NRG9) Aladin (Adracalin) [MASS=59574]	0.00	2.38	0.61	0.00	1	1	3	MC[330]SLGLFPPPPPR	1
							2	VGAFTMVC[339]K	1
							2	NLDKEYLPİGGİAEFC[339]K	2
AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.49	1.38	0.12	11	4	1 2 2 2 3 2	VGAFTMVC[330]K HFİEQGINVC[330]LC[330]QSYAK NLDKEYLPİGGİAEFC[330]K VGAFTM[147]VC[339]K NLDKEYLPİGGİAEFC[339]K TC[339]GFDFTGAVEDISK	1 1 1 1 1 3
ABCB6_HUMAN (Q9NP58) ATP-binding cassette sub-family B member 6, mitochondrial precursor (Mitochondrial ABC transporter 3) (Mt-ABC transporter 3) (ABC transporter umat) [MASS=93885]	0.00	3.21	1.50	0.00	1	1	3	VC[339]ANRTTİVVHRLSTVVNADQİLVİK	1
ABCBB_HUMAN (O95342) Bile salt export pump (ATP-binding cassette sub-family B member 11) [MASS=146392]	0.00	1.06	0.22	0.00	1	1	2	M[147]TSTİC[330]GFLİGFFR	1
ABL1_HUMAN (P00519) Proto-oncogene tyrosine-protein kinase ABL1 (EC 2.7.10.2) (p150) (c-ABL) (Abelson murine leukemia viral oncogene homolog 1) [MASS=122872]	0.00	1.77	1.05	0.00	1	2	3 1	HPNLVQLİGVC[339]TR TAPTPPK	1 1
ACAD8_HUMAN (Q9UKU7) Acyl-CoA dehydrogenase family member 8, mitochondrial precursor (EC 1.3.99.-) (ACAD-8) (Isobutyryl-CoA dehydrogenase) (Activator-recruited cofactor 42 kDa component) (ARC42) [MASS=45070]	0.00	6.51	1.16	0.00	1	1	3	AVİFEDC[339]AVPVANRİGSEGQGFİİAVR	1

ACADS_HUMAN (P16219) Short-chain specific acyl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.2) (SCAD) (Butyryl-CoA dehydrogenase) [MASS=44297]	0.00	9.71	1.09	0.00	1	2	3	IGIASQALGIAQTALDC[339]AVNYAENR	1
							3	IPKDSILGEPGM[147]GFK	6
ACL7A_HUMAN (Q9Y615) Actin-like protein 7A (Actin-like-7-alpha) (Actin-like 7A) [MASS=48644]	0.00	5.06	7.16	0.00	1	1	3	RDLMGNILLC[339]GGSTMLSGFPNR	1
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	6.67	1.28	0.06	3	3	2	VGLIGSC[339]TNSSYEDM[147]GR	1
							2	C[339]TTDHISAAGPWLK	1
							2	VAVPSTIHC[339]DHLIEAQVGGEK	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	21.79	1.45	0.15	5	2	3	LMC[339]PQEIVDYIADKK	1
							3	LM[147]C[330]PQEIVDYIADKK	1
							3	LMC[330]PQEIVDYIADKKDVYE	1
							3	LM[147]C[339]PQEIVDYIADKK	1
							3	LM[147]C[339]PQEIVDYIADKKDVYE	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	9.33	1.09	0.10	4	2	2	C[330]DVDIRK	1
							2	C[339]DVDIRK	1
							3	C[339]PEALFQPSFLGMESC[339]GIHETTFNSIMK	1
							3	C[330]PEALFQPSFLGM[147]ESC[330]GIHETTFNSIMK	1
ACTN4_HUMAN (O43707) Alpha-actinin-4 (Non-muscle alpha-actinin 4) (F-actin cross linking protein) [MASS=104853]	0.00	7.57	3.72	0.00	1	3	3	IAESNHIKLSGSNPYTTVTPQIINSK	1
							3	AC[339]LISLGYDVENDR	1
							3	M[147]APYQGPDAVPGALDYKSFSTALYGESDL	1
ADPPT_HUMAN (Q9NRN7) L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (EC 2.7.8.-) (4'-phosphopantetheinyl transferase) (Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase) (AASD-PPT) (LYS5 ortholog) [MASS=35776]	*	4.21	*	*	*	1	3	DAKAAMAGRLM[147]IR	1

								1	VKLLQVQHASK	1
								2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	3
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	26.94	1.21	0.10	15	5		2	GAAQREFHGLGDC[339]IHK	1
								2	VKLLQVQHASK	1
								2	EFHGLGDC[339]IHK	1
								2	GADIM[147]YTGTVD[339]WR	1
								2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	4
								2	EFHGLGDC[330]IHK	1
								1	EFHGLGDC[330]IHK	1
								3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
								3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	0.00	9.09	*	*	*	2		1	GLGDC[330]LVK	2
								3	LLLQVQHASKQITADKQYK	1
ADT3_HUMAN (P12236) ADP/ATP translocase 3 (Adenine nucleotide translocator 2) (ANT 3) (ADP,ATP carrier protein 3) (Solute carrier family 25 member 6) (ADP,ATP carrier protein, isoform T2) [MASS=32735]	0.00	7.07	*	*	*	1		2	DFLAGGIAAAISKTAVER	1
AFF2_HUMAN (P51816) AF4/FMR2 family member 2 (Fragile X mental retardation 2 protein) (Protein FMR-2) (FMR2P) (Protein Ox19) (Fragile X E mental retardation syndrome protein) [MASS=144739]	0.00	3.36	3.71	0.00	1	2		3	SFIC[339]GPNETPMETISLPPPIIQPM[147]EVQM[147]K	1
								2	DHAM[147]KYSRSLMEYFK	1
AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	*	1.88	*	*	*	1		3	IPKGAILTGPPGTGK	1
AGRN_HUMAN (O00468) Agrin precursor [MASS=214888]	*	2.74	*	*	*	2		3	PVC[339]AQDGRTYDSDC[330]WRQQAEC[330]R	1
								3	VGDGPRVLGESPVPHTVLNLKEPLYVGGAPDFSK	1

AK1C1_HUMAN (Q04828) Aldo-keto reductase family 1 member C1 (EC 1.1.1.-) (20-alpha-hydroxysteroid dehydrogenase) (EC 1.1.1.149) (20-alpha-HSD) (Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase) (EC 1.3.1.20) (High-affinity hepatic bile acid-binding protei [MASS=36788]	*	4.02	*	*	*	1	2	PGEEVIPKDENGK	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia [MASS=453664]	0.23	2.10	1.37	0.00	1	4	2 EYM[147]ENEKDKALC[330]SLK 3 QSQM[147]LEM[147]QVELSSM[147]KDRATELQEQLSSEK 2 IQEQGVEYQAAM[147]EC[339]LQK 3 GEM[147]ENALRSYSNITVNEDQIK	1 1 1 1	
AL7A1_HUMAN (P49419) Aldehyde dehydrogenase family 7 member A1 (EC 1.2.1.3) (Antiquitin-1) [MASS=55235]	0.00	4.71	1.44	0.00	1	2	3 KEGGTVVYGGKVM[147]DR 2 STC[330]TINYSK	1 1	
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	*	1.64	*	*	*	1	2 C[330]C[339]TESLVNRR	1	
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	0.98	2.13	1.26	0.00	1	1	2 LLC[339]GGGIAADR	1	
ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.95	12.67	1.11	0.00	1	2	3 VNPC[330]IGGVILFHETLYQK 3 YASIC[339]QQNGIVPIVEPEILPDGDHDLKR	1 1	
AN30A_HUMAN (Q9BXX3) Ankyrin repeat domain-containing protein 30A (NY-BR-1 antigen) [MASS=152673]	0.00	2.24	0.03	0.00	1	3	1 EIM[147]SPAK 1 DVC[330]LPKATHQK 2 KTINLNIQDAQK	1 1 1	
ANGL1_HUMAN (O95841) Angiotensinogen-related protein 1 precursor (Angiotensinogen-like 1) (Angiotensinogen-3) (ANG-3) [MASS=56719]	*	5.09	*	*	*	1	3 HQDGIFWAEYRGGSYSLRAVQMM[147]IK	1	
ANK1_HUMAN (P16157) Ankyrin-1 (Erythrocyte ankyrin) (Ankyrin-R) [MASS=206144]	*	0.69	*	*	*	1	1 RGNVIMVRLLLDR	1	

ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	0.61	1.76	1.17	0.00	1	4	3 3 2 3	ESEVPKEKM[147]ADEQGDM[147]DLQISPDR STRGLVHQAIC[339]NLNITLPIYTK VRDTTQEPC[339]GR HPPVSPSSKTEK	1 1 1 1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	*	0.43	*	*	*	2	3 2	PC[339]VPVSMKKM[147]SR EMYVYQK	1 1
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	*	2.45	*	*	*	1	3	SEHQFNIDSM[147]VHK	3
ANR47_HUMAN (Q6NY19) Ankyrin repeat domain-containing protein 47 [MASS=88425]	0.00	4.17	2.02	0.00	1	2	3 2	LFC[339]M[147]GDVNAKASQTGQTALM[147]LAISHGR PDKLAQLR	1 1
ANR50_HUMAN (Q9ULJ7) Ankyrin repeat domain-containing protein 50 [MASS=149588]	*	0.87	*	*	*	1	2	NALRVAALEGHR	1
ANXA2_HUMAN (P07355) Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) [MASS=38473]	0.99	7.99	1.01	0.00	1	1	3	EVKGDLENAFLNLVQC[339]IQNKPLYFADR	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	0.87	3.87	0.57	0.00	1	2	1 2	M[147]TNYDVEHTIK LIVGLM[147]RPPAYC[339]DAK	1 1
AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	0.99	2.85	1.07	0.02	2	2	2 2	KIC[339]ELYAK IC[339]ELYAK	1 1
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	0.90	1.16	1.17	0.00	1	1	1	C[339]IVYYK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	0.81	3.16	1.31	0.00	1	2	2 2	C[339]RAPEVSQHVVYQAYETILK C[339]AIKVEQSAER	1 1

APC_HUMAN (P25054) Adenomatous polyposis coli protein (Protein APC) [MASS=311644]	0.00	1.16	0.61	0.00	1	2	3	NM[147]GGILGEDLTLDLKDQIR SGEC[330]SPVPM[147]GSFPR	1 1
APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	*	11.64	*	*	*	1	2	C[339]IQANYSLMENGKIKVLNQELR	1
AQP11_HUMAN (Q8NBQ7) Aquaporin-11 (AQP-11) [MASS=30203]	*	8.86	*	*	*	1	2	YC[330]TSALWSLGLTQYHVSERSFAC[330]K	1
AQP9_HUMAN (O43315) Aquaporin-9 (AQP-9) (Small solute channel 1) [MASS=31401]	0.00	12.20	5.71	0.00	1	1	3	NLGAPRGLEPIAIGLLIIVASSLGLNSGC[339]AM[147]NPAR	1
ARBK1_HUMAN (P25098) Beta-adrenergic receptor kinase 1 (EC 2.7.11.15) (Beta-ARK-1) (G-protein coupled receptor kinase 2) [MASS=79667]	0.00	5.22	2.55	0.00	1	3	1 VPKMK 2 SREIFDSYIM[147]K 3 KQVPPDLFQPYIEEIC[339]QNLR	1 1 1	
ARBK2_HUMAN (P35626) Beta-adrenergic receptor kinase 2 (EC 2.7.11.15) (Beta-ARK-2) (G-protein-coupled receptor kinase 3) [MASS=79677]	*	2.62	*	*	*	1	3	YFYLFPNRLEWRGEGESR	1
ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	0.00	1.46	1.58	0.00	1	1	2	HGVQEC[339]ILLVTQR	1
ARHG3_HUMAN (Q9NR81) Rho guanine nucleotide exchange factor 3 (Exchange factor found in platelets and leukemic and neuronal tissues) (XPLN) [MASS=59782]	*	2.66	*	*	*	1	2	AVTHNEQLC[330]YQLYR	1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	*	0.88	*	*	*	1	3	TSDC[339]IGSEGM[147]K	1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	*	1.69	*	*	*	2	2 3	SSTKQPTVGGTSSTPRAQK DFTDEKEGPITK	1 1
ARSE_HUMAN (P51690) Arylsulfatase E precursor (EC 3.1.6.-) (ASE) [MASS=65668]	*	1.02	*	*	*	1	1	VPGIFR	1

ASPG_HUMAN (P20933) N(4)-(beta-N-acetylglucosaminy)-L-asparaginase precursor (EC 3.5.1.26) (Glycosylasparaginase) (Aspartylglucosaminidase) (N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase) (AGA) [Contains: Glycosylasparaginase alpha chain; Glycosy [MASS=37194]	0.00	4.05	*	*	*	1	3	TGHIAAGTSTNGIK	1
AT10D_HUMAN (Q9P241) Probable phospholipid-transporting ATPase VD (EC 3.6.3.1) (ATPVD) [MASS=160319]	*	1.82	*	*	*	1	3	EELLLESAMRLENKLTLLGATGIEDR	1
AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	0.86	*	*	*	1	2	LIIVEGC[339]QR	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	5.28	0.95	0.08	6	4	2	NIAFFSTNC[330]VEGTAR	1
							2	C[339]SSILLHGK	2
							2	AC[330]VVHGSDLK	1
							2	AC[339]VVHGSDLK	1
							1	C[339]SSILLHGK	1
3	YGTDLRGLTSARAAEILAR	1							
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	0.98	1.27	0.85	0.00	1	1	2	VLGFC[330]QLNLP SGK	1
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	10.17	0.97	0.15	6	6	2	VLGFC[339]HYYP LPEEQFPK	1
							2	NITFFSTNC[339]VEGTAR	1
							3	SPDC[330]THDNPLETR	1
							3	C[339]STILLQGKEQPLDEEM[147]K	1
							2	C[339]IELSSGSVK	1
							1	C[330]IELSSGSVK	1
							2	SPDC[330]THDNPLETR	1
3	AC[330]VIHGTDLKDFTSEQIDEILQNHTEIVFAR	1							
AT1A4_HUMAN (Q13733) Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na+/K+ ATPase 4) [MASS=114166]	0.00	2.62	*	*	*	1	3	M[147]QINVQEVVLGDLVEIKGGDRVPADLR	1

AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	4.29	0.89	0.00	2	1	2	YNPNVLPVQC[330]TGK	1
							2	YNPNVLPVQC[339]TGK	1
AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	2.69	0.97	0.02	2	2	2	NYLEPGKEC[330]VQPATK	2
							2	SM[147]SVYC[339]TPNKPSR	1
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	*	2.88	*	*	*	1	3	SAAEMVLSDDNFASIVAAVEEGRAIYSNMK	1
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	0.00	5.24	1.29	0.00	1	3	2	DALTQINVHYGGVQNLIC[339]SR	1
							3	AGLLM[147]SALTVFILILYFVIDNFVINR	1
							3	TEC[339]ALLGFVTDLKQDYQAVR	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	*	2.34	*	*	*	1	1	C[339]IADLK	2
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	*	2.98	*	*	*	5	3	SHFDEVKSIANQIQEDWK	1
							2	MMGGLGFHEVLNNLISR	1
							3	KLDASC[330]AANNPSLKLTYTEC[339]LR	1
							2	QEKSSSGLNHILAALTIFLK	1
							3	KSQRTMLAVVDYMR	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.96	16.18	1.31	0.00	1	1	2	IC[339]SLHSLPPQS	1
							2	LYC[339]IYVAIGQK	1
							1	LYC[339]IYVAIGQK	2
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	11.03	0.88	0.14	5	4	2	KLYC[330]IYVAIGQK	1
							1	LYC[330]IYVAIGQK	1
							2	KKLYC[330]IYVAIGQK	1
							3	FENAFSLHVVSQHQALLGTIRADGK	1

ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	7.72	1.06	0.08	6	2	1	GLC[339]GAIHSSIAK	1
							1	GLC[330]GAIHSSIAK	1
							1	KHLLIGVSSDR	1
							2	GLC[339]GAIHSSIAK	2
							2	GLC[330]GAIHSSIAK	2
ATPO_HUMAN (P48047) ATP synthase O subunit, mitochondrial precursor (EC 3.6.3.14) (Oligomycin sensitivity conferral protein) (OSCP) [MASS=23277]	1.00	10.33	1.12	0.02	2	1	2	GEVPC[339]TVTSASPLEEATLSELK	1
							2	GEVPC[330]TVTSASPLEEATLSELK	1
ATS5_HUMAN (Q9UNA0) ADAMTS-5 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 5) (ADAM-TS 5) (ADAM-TS5) (Aggrecanase-2) (ADMP-2) (ADAM-TS 11) [MASS=101715]	*	4.19	*	*	*	2	2	YTLKPLLRGPWAEEEK	1
							3	TFVEWVPKYAGVLPADVC[330]KLTC[339]R	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	*	2.48	*	*	*	3	3	KLVC[330]TRESDDLTVSDQR	1
							2	EKRTHR	1
							3	SHDGDYFIEPLQSMDEQEDEEEQNK	1
AUMH_HUMAN (Q13825) Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding protein/enoyl-CoA hydratase) [MASS=35608]	0.00	10.32	1.05	0.00	1	1	3	AVINDIANLPVPTIAAIDGLALGGGLELALAC[339]DIR	1
AVR2A_HUMAN (P27037) Activin receptor type 2A precursor (EC 2.7.11.30) (Activin receptor type IIA) (ACTR-IIA) (ACTRIIA) [MASS=57847]	0.00	3.51	0.22	0.00	1	1	2	LAFVFLISC[330]SSGAILGR	1
B3GN3_HUMAN (Q9Y2A9) UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 (EC 2.4.1.-) (Beta3Gn-T3) (BGnT-3) (Core 1 extending beta-1,3-N-acetylglucosaminyltransferase) (Core1-beta3GlcNAcT) (Beta-1,3-galactosyltransferase 8) (Beta-1,3-GalTase 8) [MASS=42515]	0.00	3.23	0.25	0.00	1	1	2	C[330]AQPVFLLLVIIK	1

BAI1_HUMAN (O14514) Brain-specific angiogenesis inhibitor 1 precursor [MASS=173532]	0.00	3.47	0.35	0.00	1	4	3	RQQPPQHDGLRPR	1
							3	GDVC[339]LRDAVAGGPENC[339]LTSLTQDR	1
							2	GC[330]RTVPLDALRTR	1
							1	MKDLR	1
BARX2_HUMAN (Q9UMQ3) Homeobox protein BarH-like 2 [MASS=28248]	0.00	10.63	1.26	0.00	1	1	3	MNSQAQGQEQLEPSQGQEELC[339]EAQEPK	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	*	0.85	*	*	*	1	2	QAQPSC[330]APASRPPAK	1
BIG2_HUMAN (Q9Y6D5) Brefeldin A-inhibited guanine nucleotide-exchange protein 2 (Brefeldin A-inhibited GEP 2) [MASS=202092]	*	1.23	*	*	*	1	3	YMSSQHFLFKLLDC[339]LQESHFSFK	1
BIRC2_HUMAN (Q13490) Baculoviral IAP repeat-containing protein 2 (Inhibitor of apoptosis protein 2) (HIAP2) (HIAP-2) (C-IAP1) (TNFR2-TRAF signaling complex protein 2) (IAP homolog B) [MASS=69899]	0.00	3.88	0.16	0.00	1	1	3	HKQLYPSC[330]SFIQNLVSASLGSTSK	1
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	*	0.31	*	*	*	1	3	WAMLEQIRNPSPC[330]FK	2
BKRB2_HUMAN (P30411) B2 bradykinin receptor (BK-2 receptor) (B2R) [MASS=44460]	*	6.14	*	*	*	1	3	VVNAIISM[147]NLYSSIC[339]FLM[147]LVSIDR	1
BMP1_HUMAN (P13497) Bone morphogenetic protein 1 precursor (EC 3.4.24.19) (BMP-1) (Procollagen C-proteinase) (PCP) (Mammalian tolloid protein) (mTld) [MASS=111248]	0.00	3.85	1.24	0.00	1	3	2	YC[330]GSGPPEEVYSAGDSVLVK	1
							2	YC[330]GYEK	1
							2	RGGGPQAISIGK	1
BPAEB_HUMAN (Q8W XK8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	*	0.52	*	*	*	1	2	ESFTASLKFDSDGSR	1
BR44_HUMAN (O95563) Brain protein 44 [MASS=14279]	*	37.80	*	*	*	3	3	PLYNHPAGPRTVFFWAPIMKWGLVC[330]AGLADMAR	1
							1	M[147]SAAGAR	1
							2	VELM[147]LPEK	1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	*	0.50	*	*	*	1	3	TSGNSFKVNSC[330]KDHIGK	1

BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	0.00	3.12	3.84	0.00	1	2	1	GGAFKK	1
							3	ISIFDPLEIILEDLTAEQEMSEC[339]NSNK	1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	0.00	1.94	8.57	0.00	1	4	3	VC[330]NQC[339]GFNPNPHTQVK	1
							2	GGHLRSM[147]ESNGRPASTHYYGDSYR	1
							3	DAC[330]ELESGETPC[339]VVR	1
							2	EPGEPGVLDGPTLPC[339]C[339]YAR	1
BTAF1_HUMAN (O14981) TATA-binding protein-associated factor 172 (EC 3.6.1.-) (ATP-dependent helicase BTAF1) (TBP-associated factor 172) (TAF-172) (TAF(II)170) (B-TFIID transcription factor-associated 170 kDa subunit) [MASS=206886]	0.00	3.73	0.35	0.70	2	4	3	FNYC[330]ILDEGHVKNKGTK	1
							2	LDGSIPPGQR	1
							1	HGAGTGRL	6
							3	QEGAIEALAC[330]VMEQLDVGIVPYIVLLVVPVLGR	1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	1.00	9.57	1.68	0.00	1	1	3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
C1QC_HUMAN (P02747) Complement C1q subcomponent subunit C precursor [MASS=25773]	*	13.47	*	*	*	1	3	LLLLLLLLPLRGQANTGC[330]YGIPGMPGLPGAPGK	1
C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	0.99	7.69	1.59	0.03	2	1	2	SLC[339]LGPALIHAK	2
C5ARL_HUMAN (Q9P296) C5a anaphylatoxin chemotactic receptor C5L2 (G-protein coupled receptor 77) [MASS=36080]	0.00	8.61	0.52	0.00	1	1	3	VGATWLLHLAVADLLC[330]C[330]LSLPILAVPIAR	1
CABL2_HUMAN (Q9BTV7) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	*	1.67	*	*	*	1	1	QYDTRNSR	1

CAC1S_HUMAN (Q13698) Voltage-dependent L-type calcium channel subunit alpha-1S (Voltage-gated calcium channel subunit alpha Cav1.1) (Calcium channel, L type, alpha-1 polypeptide, isoform 3, skeletal muscle) [MASS=212163]	0.00	1.28	1.46	0.00	1	1	3	KPVPEILPSPPRALFC[339]LTLENPLR	1
CAD17_HUMAN (Q12864) Cadherin-17 precursor (Liver-intestine-cadherin) (LI-cadherin) (Intestinal peptide-associated transporter HPT-1) [MASS=92148]	0.00	0.96	*	*	*	1	1	YNASSFAK	1
CADH5_HUMAN (P33151) Vascular endothelial-cadherin precursor (VE-cadherin) (Cadherin-5) (7B4 antigen) (CD144 antigen) [MASS=87516]	*	2.68	*	*	*	1	3	GDYQDAFTIETNPAHNEGIK	1
CALI_HUMAN (Q13939) Calicin [MASS=66555]	*	4.08	*	*	*	1	3	EVWC[339]LAGKMSIPMDGTAVITKGDR	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	0.57	5.41	3.23	0.00	1	1	3	LNKPFLFDTKPLIVQYEVNFQNGIEC[339]GGAYVK	1
CATA_HUMAN (P04040) Catalase (EC 1.11.1.6) [MASS=59625]	*	4.75	*	*	*	1	3	IPERVVHAKGAGAFGYFEVTHDITK	1
CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	0.73	2.67	0.88	0.00	1	1	2	LLDIAC[330]WIHHK	1
CBLN2_HUMAN (Q8IUK8) Cerebellin-2 precursor [MASS=24084]	*	5.36	*	*	*	1	3	MQAPGRGPLGLR	1
CC020_HUMAN (Q8ND61) Protein C3orf20 [MASS=101268]	0.00	3.76	0.35	0.00	1	2	3	GSPC[330]IQC[330]RYDSYR	1
CC023_HUMAN (Q8N3R3) Protein C3orf23 [MASS=57894]	0.00	2.82	3.18	0.00	1	1	3	C[339]LVKAPLVSDVELERFLLAPR	1
CC14B_HUMAN (O60729) Dual specificity protein phosphatase CDC14B (EC 3.1.3.48) (EC 3.1.3.16) (CDC14 cell division cycle 14 homolog B) [MASS=56801]	0.00	3.61	0.94	0.00	1	1	2	EPSISSIQM[147]VDC[339]C[339]K	1
CC28B_HUMAN (Q9BUN5) Coiled-coil domain-containing protein 28B [MASS=26904]	0.00	6.64	0.63	0.00	1	1	2	QANAAFLVGC[339]YMVIYLGR	1
								EC[339]SFEQLEHVREMQEK	1

CCD22_HUMAN (O60826) Coiled-coil domain-containing protein 22 [MASS=70755]	*	2.07	*	*	*	1	2	M[147]EEADRILIHSLR	1
CD19_HUMAN (P15391) B-lymphocyte antigen CD19 precursor (Differentiation antigen CD19) (B-lymphocyte surface antigen B4) (Leu-12) [MASS=61088]	0.00	6.29	0.14	0.00	1	3	3	GNLTM[147]SFHLEITAR	1
							2	PEEPLVVK	1
							3	VEEGDNAVLQC[330]LK	1
CD1D_HUMAN (P15813) T-cell surface glycoprotein CD1d precursor (CD1d antigen) (R3G1) [MASS=37717]	0.00	7.16	999.00	0.00	1	1	3	M[147]GC[339]LLFLLLWALLQAWGSAEVPQR	1
CD20_HUMAN (P11836) B-lymphocyte antigen CD20 (B-lymphocyte surface antigen B1) (Leu-16) (Bp35) [MASS=33077]	0.00	2.36	1.31	0.00	1	1	1	KC[339]LVKGK	1
CD34_HUMAN (P28906) Hematopoietic progenitor cell antigen CD34 precursor [MASS=40716]	*	1.56	*	*	*	1	1	GEGLAR	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	1.00	18.75	0.80	0.03	3	2	2	FEHC[339]NFNDVTTR	1
							2	LRENELTYYC[330]C[330]K	1
							2	LRENELTYYC[339]C[339]K	1
CD9_HUMAN (P21926) CD9 antigen (p24) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) [MASS=25285]	0.00	13.22	0.17	0.00	1	2	3	AIHYALNC[339]C[339]GLAGGVEQFISDIC[339]PK	1
							1	NREM[147]V	2
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.77	5.76	0.84	0.00	1	1	2	WVPEITHHC[339]PK	1
CENG1_HUMAN (Q99490) Centaurin-gamma 1 (ARF-GAP with GTP-binding protein-like, ankyrin repeat and pleckstrin homology domains 2) (AGAP-2) (Phosphatidylinositol-3-kinase enhancer) (PIKE) (GTP-binding and GTPase-activating protein 2) (GGAP2) [MASS=124673]	*	0.92	*	*	*	1	2	RSGNSLNKEWK	1

CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	*	2.43	*	*	*	6	2	RLSSGQNK	1
							1	TNQEHAALAEANSK	1
							3	SELEERSQAAQSADVSLNPC[330]NTPQK	1
							1	KETPSAPAK	1
							2	LQLLSNEIM[147]DKDR	1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	*	9.21	*	*	*	3	1	FLSLQSEHK	1
							3	LM[147]TEKQEEEEAEWESINVLLMMHGLKPLSLVK	1
							3	QYKEDESQSEENDYR	1
							1	EQKTLQVK	1
CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-.-) (Zinc finger protein Cezanne 2) (OTU domain- containing protein 7) [MASS=100676]	*	1.51	*	*	*	1	3	EESGASASTSPSEK	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	11.34	1.20	0.07	5	4	2	C[339]EFQDAYVLLSEK	3
							2	C[339]IPALDSLTPANEDQK	1
							3	C[330]EFQDAYVLLSEKK	1
							3	EEKDPGM[147]GAMGGMGGGMGGM[147]F	1
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix- coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	11.89	1.09	0.10	2	2	3	RYESHPVC[339]ADLQAK	1
							2	YESHPVC[330]ADLQAK	1
CHD6_HUMAN (Q8TD26) Chromodomain- helicase-DNA-binding protein 6 (EC 3.6.1.-) (ATP-dependent helicase CHD6) (CHD-6) (Radiation-induced gene B protein) [MASS=305410]	*	0.29	*	*	*	1	2	TFDWTQFR	1
CHD9_HUMAN (Q3L8U1) Chromodomain- helicase-DNA-binding protein 9 (EC 3.6.1.-) (ATP-dependent helicase CHD9) (CHD-9) (Chromatin-related mesenchymal modulator) (ChReMM) (Chromatin remodeling factor CHROM1) (Peroxisomal proliferator-activated receptor A-inter [MASS=326004]	0.00	2.38	*	*	*	5	3	SDGSGTYTKLQNTQVR	1
							2	DTGEPVIYYLVK	1
							2	ALLAYC[339]LVHYR	1
							3	KNVEGVDIFFFN	1
							2	TWTDINVVVYHGSLISR	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.94	3.43	1.29	0.04	2	2	1	LPC[339]VAAK	2
							1	GFSIPEC[339]QK	1
							1	LPC[330]VAAK	1

CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.30	0.08	10	3	2	FPFC[339]DGAHTK	1
							1	KFPFC[330]DGAHTK	2
							1	KFPFC[339]DGAHTK	1
							2	KFPFC[339]DGAHTK	2
							1	FPFC[339]DGAHTK	1
							3	IVHAFDM[147]EDLGDKAVYC[339]R	1
							3	IVHAFDM[147]EDLGDKAVYC[330]R	1
							2	FPFC[330]DGAHTK	1
CK002_HUMAN (Q9UID3) Protein C11orf2 (Another new gene 2 protein) [MASS=86042]	*	2.43	*	*	*	1	3	EC[330]PLAQLMSETDMVRQIR	1
CL011_HUMAN (Q9NVM9) Protein C12orf11 (Sarcoma antigen NY-SAR-95) [MASS=80225]	*	2.12	*	*	*	1	3	TLLMENAERVGNRGR	1
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	*	1.08	*	*	*	2	2	TGQIKEVERIC[339]R	1
							1	MYDAAK	1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	*	1.77	*	*	*	2	1	HLIMAVR	1
							3	HLIM[147]AVRGQFSTDELVAEVEKR	1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	4.57	1.00	0.11	3	2	2	DIPFSAIYFPVYAH[C339]K	1
							2	AGQTTYSGVIDC[339]FRK	1
							2	DIPFSAIYFPVYAH[C330]K	1
CMGA_HUMAN (P10645) Chromogranin A precursor (CgA) (Pituitary secretory protein I) (SP-I) [Contains: Vasostatin-1 (Vasostatin I); Vasostatin-2 (Vasostatin II); EA-92; ES-43; Pancreastatin; SS-18; WA-8; WE-14; LF-19; AL- 11; GV-19; GR-44; ER-37] [MASS=50730]	*	3.72	*	*	*	1	2	HQNLLKELQDLALQGAK	1
CN104_HUMAN (Q9NVR5) Protein C14orf104 [MASS=36943]	0.00	3.96	0.98	0.00	1	1	3	LQEC[330]SNSDQLQGK	1
CN152_HUMAN (Q8N9Y4) Protein C14orf152 [MASS=38753]	0.00	14.69	2.61	0.00	1	3	2	PVVLKPIPTK	1
							2	SPAFPGELAHLC[339]KDVDGLGQK	1
							3	KNC[330]KGLEPLGPETTLVSM[147]SPR	1

							2	RPPGVLHC[339]TTK	2
							3	AHITLGC[339]AADVEAVQTGLDLLEILR	1
							3	DKPELQFPFLQDEDTVATLLEC[330]K	1
							2	RLDEDLAAYC[330]R	1
							2	DKPELQFPFLQDEDTVATLLEC[339]K	1
							1	FC[330]DYGK	1
							2	RLDEDLAAYC[339]R	1
							2	DKPELQFPFLQDEDTVATLLEC[330]K	3
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	24.94	0.89	0.11	17	7			
							2	RPPGVLHC[330]TTK	2
							2	LDEDLAAYC[330]R	1
							3	PGLEKDFLPLYFGWFLTKK	1
							2	AHITLGC[339]AADVEAVQTGLDLLEILR	1
							1	FC[339]DYGK	1
							3	AHITLGC[330]AADVEAVQTGLDLLEILR	1
							1	LDEDLAAYC[330]R	1
CND1_HUMAN (Q15021) Condensin complex subunit 1 (Chromosome condensation-related SMC-associated protein 1) (Chromosome- associated protein D2) (hCAP-D2) (XCAP-D2 homolog) [MASS=157168]	0.00	1.71	3.95	0.00	1	1	3	VPAILMSSM[147]C[339]ILLDHLGGENYMM[147]R	1
CO2_HUMAN (P06681) Complement C2 precursor (EC 3.4.21.43) (C3/C5 convertase) [Contains: Complement C2b fragment; Complement C2a fragment] [MASS=83267]	0.00	2.66	0.60	0.00	1	1	3	LTD TIC[330]GVGNMSANASDQER	1
CO3A1_HUMAN (P02461) Collagen alpha- 1(III) chain precursor [MASS=138554]	*	2.11	*	*	*	2	2	GSPGPQGVK	1
							3	DGTSGHPGPIGPPGPRGNRGER	1
CO6A2_HUMAN (P12110) Collagen alpha- 2(VI) chain precursor [MASS=108573]	0.00	4.22	0.91	0.00	1	2	3	IGPPGC[339]KGD PGNRGPDPGYGEAGSPGER	1
							3	IIKVMKHEAYGEC[339]YK	1
							2	VC[339]APVLAKPGVISVMGT	1
							2	GPIG SIGPK	1
							3	VIGLLAGQTYHVAVVC[330]YLRSQVR	1
CO6A3_HUMAN (P12111) Collagen alpha- 3(VI) chain precursor [MASS=343550]	0.00	3.78	1.47	0.00	1	7	2	VEFSLTDYGSKEKLVDFLSR	1
							2	LLPYIVGVAQRHIVLK	1
							3	QLINALQINNTAVGHALVLPAGR	1
							2	PEFYLN SYMNK	1

CO9_HUMAN (P02748) Complement component C9 precursor [Contains: Complement component C9a; Complement component C9b] [MASS=63173]	*	1.97	*	*	*	1	3	GEIHLGRFVMR	1
COEA1_HUMAN (Q05707) Collagen alpha-1(XIV) chain precursor (Undulin) [MASS=193484]	0.00	1.78	1.55	0.00	1	1	3	GPPGHLGVPGPQGPGSGQPGYC[339]DPSSC[339]SAYGVR	1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	*	4.85	*	*	*	1	2	MLPDKDC[330]R	1
							1	TLNKVAM[147]K	5
COPG2_HUMAN (Q9UBF2) Coatomer subunit gamma-2 (Gamma-2 coat protein) (Gamma-2 COP) [MASS=97622]	*	0.92	*	*	*	1			
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	1.00	4.65	1.29	0.00	2	1	1	C[330]GAHYK	1
							1	C[339]GAHYK	2
COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	26.98	1.07	0.04	2	1	2	M[147]C[330]LYFGSAFATPFLVVR	1
							2	MC[330]LYFGSAFATPFLVVR	1
CP27A_HUMAN (Q02318) Cytochrome P450 27, mitochondrial precursor (EC 1.14.13.15) (Cytochrome P-450C27/25) (Sterol 26-hydroxylase) (Sterol 27-hydroxylase) (Vitamin D(3) 25-hydroxylase) (5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase) [MASS=60234]	*	2.45	*	*	*	1	2	RIAELEMQLLLAR	1
CP4X1_HUMAN (Q8N118) Cytochrome P450 4X1 (EC 1.14.14.1) (CYPIVX1) [MASS=58875]	0.00	4.91	2.03	0.00	1	1	3	IC[330]STQDTSVEVYEHINSM[147]SLDIIMK	1
CP7A1_HUMAN (P22680) Cytochrome P450 7A1 (Cholesterol 7-alpha-monooxygenase) (CYPVII) (EC 1.14.13.17) (Cholesterol 7-alpha-hydroxylase) [MASS=57660]	*	2.58	*	*	*	1	2	YVHFITNPLSYHK	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (grp60) [MASS=48141]	1.00	11.27	1.06	0.03	2	3	2	KVHVIFNYK GK	1
							3	C[339]KDDEFTHLYTLIVRPDNTYEVK	1
							2	HEQNIDC[330]GGGYVK	1
CSKI2_HUMAN (Q8WXE0) Caskin-2 [MASS=126710]	*	0.67	*	*	*	1	2	RRSHSLSR	1

CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	*	0.56	*	*	*	1	3	YMVNDVLSFQC[339]EPGYTLQGR	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	1.00	2.74	0.84	0.02	2	6	2	VGKSPPVRGSLSGK	1
							2	AQC[339]GGGLLGVR	1
							2	FDAYC[330]FKPK	1
							3	TDEVVTLTPRIGPKVSLSPGPEQK	1
							2	SFM[147]SLTTPTQSER	1
							2	AVTADGFPTVSVM[147]LPLHSEQNK	1
CT012_HUMAN (Q9NVP4) Protein C20orf12 [MASS=62909]	*	3.97	*	*	*	1	2	HHEAIPVLVQRGADIDQQWGPLR	1
CT152_HUMAN (Q96M20) Uncharacterized protein C20orf152 [MASS=67512]	0.00	5.03	1.95	0.00	1	2	3	STIVC[339]M[147]EETEFLVVDR	1
							2	THLSEYSPM[147]ERFK	1
CX020_HUMAN (Q8NDZ0) Protein CXorf20 [MASS=87918]	0.00	3.00	0.49	0.00	1	1	3	TPPC[330]PVAHGDQIVSQINHPVHLRR	1
CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	0.00	3.07	0.19	0.00	1	2	3	LHENYYAM[147]YLKYLSVR	1
							2	NQC[330]ELLPVYHFK	1
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	0.83	12.94	0.96	0.00	1	1	2	NC[330]WQNYLDFHR	1
CXB4_HUMAN (Q9NTQ9) Gap junction beta-4 protein (Connexin-30.3) (Cx30.3) [MASS=30419]	0.00	3.01	0.83	0.00	1	1	2	C[330]MEIFGPR	1
							3	HGGEDYVFSLLTGYC[330]EPPTGVSLR	1
							1	DVC[330]TFLR	1
							1	DVC[339]TFLR	1
							2	M[147]LMM[147]M[147]ALLVPLVYTIK	1
							2	HLVGVC[330]YTEDEAK	1
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c-1) [MASS=35390]	1.00	18.46	1.22	0.01	6	4	3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	1
							2	HLVGVC[339]YTEDEAK	1
							2	HLVGVC[339]YTEDEAK	1
							2	DVC[330]TFLR	1
DB136_HUMAN (Q30KP8) Beta-defensin 136 precursor (Defensin, beta 136) [MASS=8755]	0.00	37.18	3.18	0.00	1	1	3	M[147]NLC[339]LSALLFFLVILLPSGKGMFGNDGVK	1
DCBD1_HUMAN (Q8N8Z6) Discoidin, CUB and LCCL domain-containing protein 1 precursor [MASS=77920]	*	2.66	*	*	*	1	2	HQSAEFTISYDNEKEMTQK	1

DCC_HUMAN (P43146) Netrin receptor DCC precursor (Tumor suppressor protein DCC) (Colorectal cancer suppressor) [MASS=158455]	0.00	1.04	1.75	0.00	1	1	2	C[339]EVIGEPM[147]PTIHWQK	1
DCMC_HUMAN (Q95822) Malonyl-CoA decarboxylase, mitochondrial precursor (EC 4.1.1.9) (MCD) [MASS=55003]	0.00	5.07	1.89	0.00	1	1	3	TPAPAEQQC[339]ADFVSFYGGLAETAQR	1
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	0.64	4.92	0.82	0.00	1	1	2	AVTNHSVYC[330]STK	1
DDB1_HUMAN (Q16531) DNA damage-binding protein 1 (Damage-specific DNA-binding protein 1) (UV-damaged DNA-binding factor) (DDB p127 subunit) (DDBa) (UV-damaged DNA-binding protein 1) (UV-DDB 1) (Xeroderma pigmentosum group E-complementing protein) (XPCE) [MASS=126967]	*	1.05	*	*	*	1	3	M[147]IGLRLYDGLFK	1
DDX31_HUMAN (Q9H8H2) Probable ATP-dependent RNA helicase DDX31 (EC 3.6.1.-) (DEAD box protein 31) (Helicain) [MASS=94086]	*	5.17	*	*	*	3	3	SLHLGHVAKSFGLRDAPR	1
							2	SHDQLNPK	1
							2	REGLPPGGGTRGSLVPTR	1
DEN2C_HUMAN (Q68D51) DENN domain-containing protein 2C [MASS=106865]	0.00	4.31	0.66	0.00	1	2	3	EM[147]SPALVYPFM[147]RSVMEAPFPAPGRTITVK	1
							2	NESESNWVC[330]SR	1
							1	VTLKDK	2
DEPD5_HUMAN (O75140) DEP domain-containing protein 5 [MASS=177909]	*	0.95	*	*	*	2	2	M[147]PMKLTSNR	1
DGCR8_HUMAN (Q8WYQ5) DGCR8 protein (DiGeorge syndrome critical region 8) [MASS=86045]	*	4.66	*	*	*	2	3	RNHGM[147]GDTSIK	1
							3	METDESPSPLPC[330]GPAGEAVMESRAR	1
DGKG_HUMAN (P49619) Diacylglycerol kinase gamma (EC 2.7.1.107) (Diglyceride kinase gamma) (DGK-gamma) (DAG kinase gamma) [MASS=88996]	*	2.91	*	*	*	1	3	LLPM[147]QVDGEPWM[147]QPC[339]C[330]TIKITHK	1

DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	11.47	1.21	0.05	11	4	3	AKPYEGSILEADC[339]DILIPAASEK	1
							2	AKPYEGSILEADC[339]DILIPAASEK	1
							3	IIKPC[339]NHVLSLSFPIR	1
							3	AKPYEGSILEADC[330]DILIPAASEK	1
							2	IIKPC[339]NHVLSLSFPIR	1
							2	IIKPC[330]NHVLSLSFPIR	1
							2	PC[339]NHVLSLSFPIR	1
							2	C[339]AVVDVPFPGAK	2
							2	C[330]AVVDVPFPGAK	2
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	0.91	5.33	0.80	0.00	1	1	2	GAVHQLC[330]QSLAGK	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	15.06	1.13	0.06	7	5	3	AGLPC[339]QDLEFVQFHPTGIYGAGC[339]LITEGC[339]R	1
							3	HVNGQDQIVPLYAC[339]GEAAC[339]ASVHGANR	1
							3	AGLPC[330]QDLEFVQFHPTGIYGAGC[330]LITEGC[330]R	1
							2	AAFGLSEAGFNTAC[339]VTK	3
							2	VGSVLQEGC[339]GK	1
							3	VGSVLQEGC[330]GKISK	1
DHBS_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (Ip) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	7.14	1.09	0.10	4	2	2	C[330]HTIM[147]NC[330]TR	1
							2	C[339]HTIMNC[339]TR	1
							2	C[339]GPM[147]VLDALIK	1
							2	C[339]HTIM[147]NC[339]TR	1
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	0.00	4.18	1.34	0.00	1	3	2	EAEM[147]DSIPMGLNKHWWDPDPAEGR	1
							2	FSNPWC[339]YENFIQARSLRR	1
							1	LDVVSC[339]GK	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	1.00	2.55	0.88	0.01	2	1	2	VC[330]HAHPTLSEAFR	1
							2	VC[339]HAHPTLSEAFR	1
DMPK_HUMAN (Q09013) Myotonin-protein kinase (EC 2.7.11.1) (Myotonic dystrophy protein kinase) (MDPK) (DM-kinase) (DMK) (DMPK) (MT-PK) [MASS=70357]	*	3.29	*	*	*	1	2	GRQTEGGAFPLVSSALSGDPR	1

DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	*	1.09	*	*	*	2	3	HLSRTISVSGSTAK	1
							2	C[330]IAGEVAIVRDPDAGEGTK	1
DNMT1_HUMAN (P26358) DNA (cytosine-5)-methyltransferase 1 (EC 2.1.1.37) (Dnmt1) (DNA methyltransferase Hsa1) (DNA MTase Hsa1) (MCMT) (M.Hsa1) [MASS=183164]	0.00	1.79	0.69	0.00	1	1	3	VC[330]IDAETLEVGDG[330]VSVIPDDSSKPLYLAR	1
DOPD_HUMAN (P30046) D-dopachrome decarboxylase (EC 4.1.1.84) (D-dopachrome tautomerase) (Phenylpyruvate tautomerase II) [MASS=12580]	0.00	27.35	0.48	0.00	1	1	3	PGLAM[147]ALSGSTEP[C[330]AQLSISSIGVVGTAE DNR	1
DPOLA_HUMAN (P09884) DNA polymerase alpha catalytic subunit (EC 2.7.7.7) [MASS=165912]	*	2.19	*	*	*	3	3	EM[147]KIDLNTGKETGTPISMK	1
							1	AVDLSK	1
							1	QEADSGK	1
DPOLN_HUMAN (Q7Z5Q5) DNA polymerase nu (EC 2.7.7.7) [MASS=100306]	*	5.67	*	*	*	3	2	AAIAQC[330]HQTGC[330]VVSIMGRR	1
							1	VLSAGR	1
							2	QMALEEDTDDAEGYLN SGN S GALKK	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	11.54	0.85	0.08	4	4	2	AITIANQTNC[339]PLYITK	1
							2	FQLTDC[330]QIYEVL SVIR	1
							2	FQLTDC[339]QIYEVL SVIR	1
							2	TTQRIVAPPGGRANITSLG	1
							2	GLYDGPVC[330]EVS VTPK	1
DUOX1_HUMAN (Q9NRD9) Dual oxidase 1 precursor (EC 1.6.3.1) (EC 1.11.1.-) (NADPH thyroid oxidase 1) (Thyroid oxidase 1) (Large NOX 1) (Long NOX 1) [MASS=177234]	0.22	2.19	*	*	*	2	2	IGVFSC[330]GPPG MTK	2
							2	NASC[339]HFQGVINR N SSV S RALR	1
DUOX2_HUMAN	0.22	1.29	0.46	0.09	2	1	3	DMGLPSYSQALLA FGLDIPR	1
							3	AWM[147]VVIGRH C[330]JNK	1
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	0.00	1.88	0.83	0.00	1	6	2	QKYDPPLAR	1
							3	DLLLNDWRKEMK	1
							2	EVVQC[330]MGSFQD GVAEK	1
							2	IKM[147]LPTPAK	1
							3	QAELDVVQAEYEQAM[147]TEKQTLL EDAERC[330]R	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	0.80	12.36	0.72	0.00	1	1	2	YNPTWHC[339]IVGR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	0.38	3.94	1.26	0.00	1	2	2	FPFELVKM[147]EFDEK	1
							3	RPLVLQLVNATTEYAEFLHC[339]K	1

E2AK4_HUMAN (Q9P2K8) Eukaryotic translation initiation factor 2-alpha kinase 4 (EC 2.7.11.1) (GCN2-like protein) [MASS=186837]	*	2.00	*	*	*	2	3	3	QERLEIASLSNQDHTSK PAGPGTPPPDSGLAK	1 1
E2F1_HUMAN (Q01094) Transcription factor E2F1 (E2F-1) (Retinoblastoma-binding protein 3) (RBBP-3) (PRB-binding protein E2F-1) (PBR3) (Retinoblastoma-associated protein 1) (RBAP-1) [MASS=46920]	*	4.81	*	*	*	1	2		RLDLETDHQYLAESSGPARGR	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	8.54	0.91	0.02	3	4	2	2	NLFPENLVQAC[330]FQQIQTVTK KQLGPGKK	1 1
							1	2	M[147]VIKKGLEFK	1
							2	2	NLFPENLVQAC[339]FQQIQTVTK	1
							2	2	C[339]LEENLGIDKR	1
EAA4_HUMAN (P48664) Excitatory amino acid transporter 4 (Sodium-dependent glutamate/aspartate transporter) [MASS=61565]	0.00	3.37	*	*	*	2	2	1	DFFDSLNEAIMR GGNESAM	1 1
ECH1_HUMAN (Q13011) Delta3,5-delta2,4-dienoyl-CoA isomerase, mitochondrial precursor (EC 5.3.3.-) [MASS=35816]	1.00	3.35	0.96	0.00	1	1	2		YC[330]AQDAFFQVK	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	9.70	1.18	0.04	3	4	1	2	ALM[147]GLYHGQVLC[339]K C[339]LAPM[147]M[147]SEVIR	1 1
							2	2	TVLGTPEVLLGALPGAGGTQR	1
							2	2	EVEAIPDHC[339]IFASNTSALPISEIAAVSK	1
ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	0.98	11.37	2.45	0.00	1	2	3	2	AYLRDFM[147]YVSQDPKDQLLLGPTYATPK EGGQYGLVAAC[339]AAGGQGHAM[147]IVEAYPK	1 1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	1.00	6.21	1.08	0.00	2	1	2	2	ALNALC[330]DGLIDELNQALK ALNALC[339]DGLIDELNQALK	1 1

EF1A1_HUMAN (P68104) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) [MASS=50141]	0.99	9.09	1.18	0.00	1	2	3	RYEEIVKEVSTYIK	1
							3	DGNASGTTLLEALDC[330]ILPPTTRPTDKPLR	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	*	2.92	*	*	*	1	2	TGTITTFEHAHNMRVMKFSVSPVVR	1
EFG2_HUMAN (Q969S9) Elongation factor G 2, mitochondrial precursor (mEF-G 2) (Elongation factor G2) [MASS=86600]	0.00	1.93	0.33	0.00	1	1	2	QADKHNIPRIC[330]FLNK	1
							2	KGDEC[339]ELLGHSK	1
							1	KGDEC[339]ELLGHSK	1
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	5.97	1.13	0.05	7	2	3	HYAHTDC[339]PGHADYVK	1
							2	HYAHTDC[339]PGHADYVK	2
							2	HYAHTDC[330]PGHADYVK	2
EGLN2_HUMAN (Q96KS0) Egl nine homolog 2 (EC 1.14.11.-) (Hypoxia-inducible factor prolyl hydroxylase 1) (HIF-prolyl hydroxylase 1) (HIF-PH1) (HPH-3) (Prolyl hydroxylase domain-containing protein 1) (PHD1) (Estrogen-induced tag 6) [MASS=43650]	*	3.19	*	*	*	1	1	VLAEEVEALKRGGR	1
EHMT2_HUMAN (Q96KQ7) Histone-lysine N-methyltransferase, H3 lysine-9 specific 3 (EC 2.1.1.43) (Histone H3-K9 methyltransferase 3) (H3-K9-HMTase 3) (Euchromatic histone-lysine N-methyltransferase 2) (HLA-B-associated transcript 8) (Protein G9a) [MASS=132383]	0.00	2.07	0.30	1.28	2	2	1	KREPPR	1
							3	C[330]DLHAVNYHGDTPHIAAR	2
EMAL4_HUMAN (Q9HC35) Echinoderm microtubule-associated protein-like 4 (EMAP-4) (Restrictedly overexpressed proliferation-associated protein) (Ropp 120) [MASS=108902]	0.00	2.75	0.90	0.00	1	1	3	FVQC[330]LAFLGNGDVLTGDSGGVMLIWSK	1
EMIL1_HUMAN (Q9Y6C2) EMILIN-1 precursor (Elastin microfibril interface-located protein 1) (Elastin microfibril interfacier 1) [MASS=106694]	0.00	3.44	28.18	0.00	1	2	3	LGRLEGVC[339]ER	1
							2	LQDRVDAQDETAEEFTLRLNLTAAR	1

ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	0.97	5.08	1.35	0.00	1	1	2	SGETEDTFIADLVVGLC[339]TGQIK	1
ENOB_HUMAN (P13929) Beta-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Muscle-specific enolase) (MSE) (Skeletal muscle enolase) (Enolase 3) [MASS=46855]	0.97	8.31	*	*	*	2	3 2	GRFRAAVPSGASTGIYEALRLR LAQSNWGWVMVSHR	1 1
ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	0.97	3.23	*	*	*	1	3	IVIGM[147]DVAASEFYR	1
EP400_HUMAN (Q96L91) E1A-binding protein p400 (EC 3.6.1.-) (p400 kDa SWI2/SNF2-related protein) (Domino homolog) (hDomino) (CAG repeat protein 32) (Trinucleotide repeat-containing gene 12 protein) [MASS=343645]	*	0.73	*	*	*	2	3 1	RQQAM[147]PSTGM[147]AEQSKR VPAVRLK	1 1
EPC1_HUMAN (Q9H2F5) Enhancer of polycomb homolog 1 [MASS=93463]	*	1.79	*	*	*	1	3	NC[339]RGPSLIPSVKQEK	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	*	2.03	*	*	*	1	3	PNGVILEYEVKYYEKDQNER	1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	*	3.20	*	*	*	1	3	VLRVVLLGAPNAGK	1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	1.00	32.46	1.30	0.03	2	4	3 3 2 3	EFHQAGKPIGLC[339]C[339]IAPVLAAK VVTTPAFMC[339]ETALHYIHDGIGAMVRK NLSTFAVDGKDC[339]K NKVVTPAFM[147]C[330]ETALHYIHDGIGAMVR	1 1 1 1

ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	0.96	1.94	0.93	0.00	1	1	2	LQINAQNC[339]VHC[339]K	1
EXOC3_HUMAN (O60645) Exocyst complex component 3 (Exocyst complex component Sec6) [MASS=86844]	0.46	1.06	0.99	0.00	1	1	2	LM[147]DLEC[339]SR	1
EXOS1_HUMAN (Q9Y3B2) 3'-5' exoribonuclease CSL4 homolog (EC 3.1.13.-) (Exosome component 1) [MASS=21452]	*	9.74	*	*	*	1	2	FAKVHILYVGSM[147]PLKNSFR	1
EXOS5_HUMAN (Q9NQT4) Exosome complex exonuclease RRP46 (EC 3.1.13.-) (Ribosomal RNA-processing protein 46) (Exosome component 5) (p12B) (Chronic myelogenous leukemia tumor antigen 28) [MASS=25249]	0.00	11.49	0.73	0.00	1	2	2	EIFNKATLEVILR	1
							2	NTC[339]EAVVLGTLHPR	1
FA53B_HUMAN (Q14153) Protein FAM53B [MASS=45796]	0.00	5.69	0.48	0.00	1	1	2	MVMVLSESLSTRGADSIAC[330]GTFSR	1
FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	*	0.88	*	*	*	2	1	VSKEIK	2
							2	M[147]VPDGINPKLHK	1
FARP1_HUMAN (Q9Y4F1) FERM, RhoGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) [MASS=118632]	*	2.49	*	*	*	1	3	PDANSAYQDTLEFLMASRDFC[339]KSFWK	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	0.00	2.26	5.23	0.00	1	4	2	PGYRFTSTGQC[330]NDR	1
							2	GPGFATKEITNGKPFFK	1
							3	M[147]IPSLC[339]THGK	1
							3	QIC[330]PYGSGIIVGPDDSAVDM[147]DEC[339]K	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	0.79	*	*	*	2	2	AFPGM[147]C[339]TYGKC[339]R	1
							2	C[339]EVNINGATLK	1
							1	ELSVSGK	2
FBX38_HUMAN (Q6PIJ6) F-box only protein 38 (Modulator of KLF7 activity homolog) (MoKA) [MASS=133953]	*	2.61	*	*	*	3	1	VVRVVDLC[330]AGR	1
							3	KLNMDQVLDQILR	1

FBX40_HUMAN (Q9UH90) F-box only protein 40 (Muscle disease-related protein) [MASS=79663]	0.00	2.54	7.36	0.00	1	2	2	SC[339]PFNIVEHK VPVSYC[339]GK	1 1
FBX47_HUMAN (Q5MNV8) F-box only protein 47 [MASS=51996]	0.00	3.32	1.81	0.00	1	1	2	LKYIHKILTEVSC[339]FK	1
FGFR1_HUMAN (P11362) Basic fibroblast growth factor receptor 1 precursor (EC 2.7.10.1) (FGFR-1) (bFGF-R) (Fms-like tyrosine kinase 2) (c-fgr) (CD331 antigen) [MASS=91867]	*	4.99	*	*	*	3	2 2 2	GM[147]EYLASKKC[339]IHR LHAVPAAKTVKFK M[147]PVAPYWTSPEKMEK	1 1 1
FGFR2_HUMAN (P21802) Fibroblast growth factor receptor 2 precursor (EC 2.7.10.1) (FGFR-2) (Keratinocyte growth factor receptor 2) (CD332 antigen) [MASS=92024]	*	1.71	*	*	*	1	2	FRC[339]PAGGNPMPTM[147]R	1
FGRL1_HUMAN (Q8N441) Fibroblast growth factor receptor-like 1 precursor (FGF receptor-like protein 1) (Fibroblast growth factor receptor 5) (FGFR-like protein) (FGF homologous factor receptor) [MASS=54536]	*	3.37	*	*	*	1	2	PVGSSVRLKC[330]VASGHPR	1
FKB1B_HUMAN (P68106) FK506-binding protein 1B (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase 1B) (PPIase 1B) (Rotamase 1B) (12.6 kDa FKBP) (FKBP-12.6) (Immunophilin FKBP12.6) (h-FKBP-12) [MASS=11651]	0.00	15.89	4.95	0.00	1	1	3	KGQTC[339]VVHYTGM[147]LQNGK	1
FNBP2_HUMAN (O75044) SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2) [MASS=120880]	*	0.84	*	*	*	1	1	KTATAGRSK	1
FOG2_HUMAN (Q8WW38) Zinc finger protein ZFPM2 (Zinc finger protein multitype 2) (Friend of GATA protein 2) (FOG-2) (hFOG-2) [MASS=128142]	*	2.87	*	*	*	3	3 1 1	HLETSLTINKC[330]VPVSK ISFNK AQVPM[147]VLTAGPK	1 1 1
FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	0.00	11.20	0.54	0.00	1	2	3 3	VTNVDDEGVELGSGVM[147]ELTQSELVLHLHRR APQPPNALGYTVSSFSNGC[330]PGEGR	1 1

FUBP2_HUMAN (Q92945) Far upstream element-binding protein 2 (FUSE-binding protein 2) (KH type-splicing regulatory protein) (KSRP) (p75) [MASS=72709]	0.00	4.24	0.32	0.00	1	1	2	GGGGPC[330]GGGPGGGSAGGPSQPPGGGGPGIR	1
FVT1_HUMAN (Q06136) 3-ketodihydrosphingosine reductase precursor (EC 1.1.1.102) (3-dehydrosphinganine reductase) (KDS reductase) (Follicular variant translocation protein 1) (FVT-1) [MASS=36187]	0.93	4.82	1.11	0.00	1	1	2	LISSETTSVC[339]KPEQVAK	1
FXL19_HUMAN (Q6PCT2) F-box/LRR-repeat protein 19 (F-box and leucine-rich repeat protein 19) [MASS=73770]	0.00	7.72	0.61	0.00	1	3	2	VGGDAC[330]LLRGSDPGGPGLLPPR	1
							3	WIEDVKDSQLR	1
							2	KGPLPAGPPPEDVPGPPKR	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	0.99	4.19	0.94	0.00	1	1	2	VPTANVSVVDLTC[330]JR	1
G6PD_HUMAN (P11413) Glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) (G6PD) [MASS=59134]	0.31	2.14	1.42	0.00	1	1	2	DNIAC[339]VILTFK	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	0.75	2.80	1.21	0.00	1	1	2	GTFC[339]SFDTPDDSIR	1
GAS6_HUMAN (Q14393) Growth-arrest-specific protein 6 precursor (GAS-6) [MASS=79676]	0.00	4.30	0.51	0.00	1	1	3	APQLLLLLLAAEC[330]ALAALLPAREATQFLRPR	1
GASP1_HUMAN (Q5JY77) G-protein coupled receptor-associated sorting protein 1 (GASP-1) [MASS=156850]	0.00	2.22	2.61	0.00	1	2	3	M[147]TGAEIESGAQVKPEK	1
							3	EPC[339]M[147]YPAGGGSWKSR	1
							2	LFVSGAC[330]DASAK	2
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	18.58	0.99	0.06	6	4	2	KAC[330]ADATLSQITNNIDPVGR	1
							2	ELAGHTGYLSC[339]C[339]R	1
							2	LLLAGYDDFNC[339]NVWDALK	1
							2	ELAGHTGYLSC[330]C[330]R	1

GBB2_HUMAN (P62879) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2 (Transducin beta chain 2) (G protein beta 2 subunit) [MASS=37200]	0.99	3.83	0.92	0.00	1	1	2	ELPGHTGYLSC[339]C[339]R	1
GBRR1_HUMAN (P24046) Gamma-aminobutyric-acid receptor rho-1 subunit precursor (GABA(A) receptor) [MASS=55257]	*	3.59	*	*	*	1	2	SPDITKSPLTKSEQLLR	1
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	0.00	7.54	0.07	0.00	1	4	2 WPLSLIINRKALTR 3 YLNVVREC[330]GHDVTC[339]PVAK 3 VFSKLMSVC[330]VM[147]FTNC[330]M[147]QKFTQSMK 1 AASAPYFEVLEK	1 1 1 1	
GDIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	*	1.34	*	*	*	1	1	GGKIYK	1
GEMI5_HUMAN (Q8TEQ6) Gem-associated protein 5 (Gemin5) [MASS=168560]	0.00	2.59	0.69	0.00	1	2	3 IVFNLC[330]PLQTEDDKQLLLSTSM[147]DRDVK 2 SLLPLSTSLDHR	1 1	
GFRA2_HUMAN (O00451) GDNF family receptor alpha-2 precursor (GFR-alpha-2) (Neurturin receptor alpha) (NTNR-alpha) (NRTNR-alpha) (TGF-beta-related neurotrophic factor receptor 2) (GDNF receptor beta) (GDNFR-beta) (RET ligand 2) [MASS=51558]	*	6.47	*	*	*	2	2 PNSGPSRAR 3 QTILPSC[339]SYEDKEKPNC[330]LDLR	1 1	
GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	10.22	1.04	0.02	3	2	2 LINGGIAGLIGVTC[339]VFPIDLAK 2 VYTSM[147]SDC[339]LIK 2 LINGGIAGLIGVTC[330]VFPIDLAK	1 1 1	
GLRX5_HUMAN (Q86SX6) Glutaredoxin-related protein 5 [MASS=16628]	1.00	12.10	1.45	0.00	1	1	2	GTPEQPQC[339]GFSNAVQILR	1

GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	12.56	1.28	0.11	10	5	3	NTLSLM[147]HSC[339]GM[147]YDFSGQFAFHVGLPAK	1
							2	LKEC[339]MDM[147]LR	1
							2	C[339]VQSNIVLLTQAFR	2
							3	GIHFC[330]HDLVSLC[330]NFHNYDNLR	1
							2	C[330]VQSNIVLLTQAFR	2
							2	VPFC[330]LQSC[330]VKPLK	1
							2	VPFC[339]LQSC[339]VKPLK	1
							3	GIHFC[339]HDLVSLC[339]NFHNYDNLR	1
GLSL_HUMAN (Q9UI32) Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) [MASS=66309]	0.00	1.16	*	*	*	1	1	FLIEAC[339]K	1
							1	FLIEAC[330]K	1
GLUD1_HUMAN (Q5TDP6) Glutamate--ammonia ligase domain-containing protein 1 (Lengsin) (Lens glutamine synthase-like) [MASS=57278]	0.83	3.54	11.61	0.00	1	1	2	KNM[147]FC[339]STSGTEQLTITGK	1
GLYM_HUMAN (P34897) Serine hydroxymethyltransferase, mitochondrial precursor (EC 2.1.2.1) (Serine methylase) (Glycine hydroxymethyltransferase) (SHMT) [MASS=55993]	0.00	7.14	*	*	*	2	2	AERVLELVSITANKNTC[339]PGDR	1
							3	RISATSIFFESM[147]PYK	1
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	0.99	14.73	0.86	0.00	1	2	2	SPLTIC[330]FPEYTGPNITYEDAAAYIQAQFESK	1
							2	EDGISAAKDVKLLLLGAGESGK	1
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	*	1.70	*	*	*	1	1	NKSAHK	1
GNAZ_HUMAN (P19086) Guanine nucleotide-binding protein G(z) subunit alpha (G(x) alpha chain) (Gz-alpha) [MASS=40792]	0.78	6.50	1.46	0.00	1	2	2	IPLTIC[339]FPEYK	1
							2	SRDMTTGIVENK	1
GP179_HUMAN (Q6PRD1) Probable G-protein coupled receptor 179 precursor (Probable G-protein coupled receptor 158-like 1) [MASS=257362]	*	3.84	*	*	*	6	2	GRLTSLGEDVSKGMAK	1
							2	VSPKEAGSM[147]GSR	1
							2	ESQGQGEM[147]FLQK	1
							1	SPNDTGK	1
							2	SEPIDVVPM[147]MRKK	1
							3	ESPAQAPKISDLPSSM[147]SSEVAEGHSLEATEK	1

GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	1.00	3.30	2.07	0.11	2	2	2	C[330]VINATGPFTDSVR 2 NYLSC[339]DVEVR	1 1
GPM6A_HUMAN (P51674) Neuronal membrane glycoprotein M6-a (M6a) [MASS=31209]	1.00	3.60	0.88	0.06	3	1	2	IC[330]TVSENFLR	2
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	1.00	3.40	0.64	0.00	2	1	2	IC[339]TVSENFLR	1
							2	SREDC[330]C[330]TKF 2 SREDC[339]C[339]TKF	1 1
GPR37_HUMAN (O15354) Probable G-protein coupled receptor 37 precursor (Endothelin B receptor-like protein 1) (ETBR-LP-1) (Parkin-associated endothelin receptor-like receptor) (PAELR) [MASS=67113]	0.00	1.96	0.42	0.00	1	1	3	EMSTFASVGTHC[330]	1
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	*	4.13	*	*	*	1	3	C[339]QGPPGVLDYRLEK	2
GREM2_HUMAN (Q9H772) Gremlin-2 precursor (Cysteine knot superfamily 1, BMP antagonist 2) (Protein related to DAN and cerberus) [MASS=19320]	0.00	6.55	0.25	0.00	1	1	3	C[330]M[147]SVNLSDSDK	1
GRHPR_HUMAN (Q9UBQ7) Glyoxylate reductase/hydroxypyruvate reductase (EC 1.1.1.79) [MASS=35668]	0.00	7.62	0.75	0.00	1	1	3	VGYTPDVLTDTTAELAVSLLLTTC[339]R	1
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	0.00	2.18	0.46	0.00	1	2	2	RPPGLFR	1
							3	ETPQASEKVDPGSC[330]R	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	*	5.68	*	*	*	3	3	DM[147]NEKC[339]AIGVTHFQLVQMKDFR	1
							3	C[339]GSIRLGEKDAHSQGEVVSC[339]LEK	1
							3	HQKDMNEKC[330]AIGVTHFQLVQM[147]K	1
GTR3_HUMAN (P11169) Solute carrier family 2, facilitated glucose transporter member 3 (Glucose transporter type 3, brain) [MASS=53924]	0.00	4.44	2.22	0.00	1	1	2	RNSMLIVNLLAVTGGC[339]FMGLC[339]K	1
GUC1B_HUMAN (Q9UMX6) Guanylyl cyclase-activating protein 2 (GCAP 2) (Guanylate cyclase activator 1B) [MASS=23346]	0.00	8.54	1.69	0.00	1	1	3	FVM[147]EC[339]PSGTLFM[147]HEFKR	1

HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	23.97	1.24	0.01	4	2	3	GTFATLSELHC[339]DKLHVDPENFR	1
							2	GTFATLSELHC[330]DK	1
							3	GTFATLSELHC[330]DKLHVDPENFR	1
							2	GTFATLSELHC[339]DK	1
HDAC4_HUMAN (P56524) Histone deacetylase 4 (HD4) [MASS=119069]	*	2.49	*	*	*	2	2	PNANAVRSM[147]EKVMEIHSK	1
							2	QQQEMLAMK	1
HG2A_HUMAN (P04233) HLA class II histocompatibility antigen gamma chain (HLA-DR antigens-associated invariant chain) (Ia antigen-associated invariant chain) (Ii) (p33) (CD74 antigen) [MASS=33515]	*	7.43	*	*	*	1	3	DLISNNEQLPM[147]LGRRPGAPESK	1
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	7.28	0.45	0.00	1	2	3	NKHIC[330]GGSLIKESWVLTAR	1
							3	MWVTKLLPALLLQHVLHLLLLPIAIPYAEGQRK	1
HNF4A_HUMAN (P41235) Hepatocyte nuclear factor 4-alpha (HNF-4-alpha) (Transcription factor HNF-4) (Transcription factor 14) [MASS=51740]	*	1.94	*	*	*	1	2	FSRQC[330]JVVDK	1
HNRL1_HUMAN (Q9BUJ2) Heterogeneous nuclear ribonucleoprotein U-like protein 1 (Adenovirus early region 1B-associated protein 5) (E1B-55 kDa-associated protein 5) (E1B-AP5) [MASS=95738]	0.00	0.93	*	*	*	1	2	INEEISVK	1
HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	0.98	3.73	0.78	0.00	1	2	2	VFIM[147]DSC[330]DELIPEYLNfir	1
							2	AKFENLC[330]K	1
HV1C_HUMAN (P01744) Ig heavy chain V-I region ND precursor (Fragments) [MASS=16503]	*	24.49	*	*	*	2	2	VHSQTQLVQSGAEVRK	1
							3	VTMTRDASFSTAYMDLRSLR	1
HXC11_HUMAN (O43248) Homeobox protein Hox-C11 [MASS=33748]	0.00	4.93	0.85	0.00	1	1	3	MFNSVNLGNFC[339]SPSR	1
HXD4_HUMAN (P09016) Homeobox protein Hox-D4 (Hox-4B) (Hox-5.1) (HHO.C13) [MASS=27885]	0.00	13.73	0.98	0.00	1	1	3	GHGQEPGGPGGHYAAPGEPc[339]PAPPAPPPAPLPGAR	1

								2	TVC[339]GVVSR	1
								3	LGVEPSDDDC[330]VSVQHVC[330]TIVSFR	1
								2	C[339]NVSFLLSEDGSGK	1
								2	LPVGFTFSFPC[330]QQSK	1
								3	ATDC[339]VGHDVVTLLR	1
								3	MIAAQLLAYFTELKDDQVK	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	ATDC[339]VGHDVVTLLR	2
								2	AILQQLGLNSTC[339]DDSILVK	1
								2	MVSGM[147]YLGELVR	1
								2	AAQLC[339]GAGM[147]AAVVDK	1
								2	KLPVGFTFSFPC[339]QQSK	1
								2	KLPVGFTFSFPC[330]QQSK	1
								2	ATDC[330]VGHDVVTLLR	1
								2	GAAMVTAVAYRLAEQHRQIEETLAHFHLTK	1
								3	NILIDFTKKGFLFR	1
								2	LPVGFTFSFPC[339]QQSK	5
								2	TVC[330]GVVSR	1
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]		*	1.63	*	*	*	1	2	PRQEIIDLSYMVR	1
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	7.65	1.36	0.03	3	2		2	TFDLYANVRPC[330]VSIEGYK	1
								2	IEAAC[339]FATIK	2
IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	11.20	0.98	0.16	5	3		2	TSLDLYANVIHC[339]K	2
								2	LGDGLFLQC[339]C[339]R	1
								3	SRNNILRTSLDLYANVIHC[330]K	1
								2	TSLDLYANVIHC[330]K	1

IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	8.41	1.02	0.09	5	3	2	NILGGTVFREPIIC[339]K	2
							2	C[330]ATITPDEAR	1
							2	NILGGTVFREPIIC[330]K	1
							2	DLAGC[330]IHGLSNVK	2
IF3X_HUMAN (O75153) Putative eukaryotic translation initiation factor 3 subunit (eIF-3) [MASS=146669]	0.00	2.29	0.67	0.00	1	2	3	SREVIRNAC[339]K	1
							3	DC[330]MEHAVLPVDGATLAEVM[147]R	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	*	4.27	*	*	*	1	2	DTATLNC[339]QSSGSKPAAR	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	0.00	4.57	1.66	0.00	1	1	3	M[147]GALRPTLLPPSLPLLLLLMLGM[147]GC[339]WAR	1
IL17_HUMAN (Q16552) Interleukin-17A precursor (IL-17A) (IL-17) (Cytotoxic T-lymphocyte-associated antigen 8) (CTLA-8) [MASS=17504]	0.00	7.10	0.38	0.00	1	1	3	REPPHC[330]PNSFR	1
IL19_HUMAN (Q9UHD0) Interleukin-19 precursor (IL-19) (Melanoma differentiation-associated protein-like protein) (NG.1) [MASS=20392]	0.23	10.73	1.66	0.00	1	1	2	RC[339]LISTDMHHIEESFQEI	1
IL6RB_HUMAN (P40189) Interleukin-6 receptor beta chain precursor (IL-6R-beta) (Interleukin 6 signal transducer) (Membrane glycoprotein 130) (gp130) (Oncostatin M receptor) (CD130 antigen) (CDw130) [MASS=103522]	*	3.49	*	*	*	1	3	TYLRGNLAESKC[330]YLITVTPVYADGPGSPESIK	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	0.99	2.51	1.48	0.00	1	1	2	LLSYASYC[330]IEHGDLELAAK	1

INP4B_HUMAN (O15327) Type II inositol-3,4-bisphosphate 4-phosphatase (EC 3.1.3.66) (Inositol polyphosphate 4-phosphatase type II) [MASS=104705]	0.00	1.52	5.72	0.00	1	1	2	TSM[147]SVTLEQC[339]SILR	1
IPO11_HUMAN (Q9UI26) Importin-11 (Imp11) (Ran-binding protein 11) (RanBP11) [MASS=112535]	0.38	2.46	0.63	0.00	1	2	3 2	NM[147]EVMGFLHGIFER FIVQC[330]M[147]NLIK	1 1
IRAK3_HUMAN (Q9Y616) Interleukin-1 receptor-associated kinase 3 (EC 2.7.11.1) (IRAK-3) (IL-1 receptor-associated kinase M) (IRAK-M) [MASS=67752]	0.00	2.52	1.48	0.00	1	1	2	VNIDPSSEAPGHSC[339]R	1
ITA10_HUMAN (O75578) Integrin alpha-10 precursor [MASS=127573]	0.00	2.23	1.22	0.00	1	2	2 2	LNGSNTQC[330]QVVR VTRYGIAVLGHYLR	1 1
ITAV_HUMAN (P06756) Integrin alpha-V precursor (Vitronectin receptor subunit alpha) (CD51 antigen) [Contains: Integrin alpha-V heavy chain; Integrin alpha-V light chain] [MASS=116051]	0.00	2.00	0.58	0.00	1	1	2	QVVC[330]DLGNPM[147]KAGTQLLAGLR	1
ITPR1_HUMAN (Q14643) Inositol 1,4,5-trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1) (IP3R) [MASS=313943]	*	2.07	*	*	*	3	1 3 3	IGLLGHPPHM[147]NVNPQQPA HNKELQSMK PGGGGGSGSSSM[147]SRGEMSLAEVQC[330]HLDK	1 1 1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.67	2.36	2.70	0.00	1	1	2	AC[339]DEGHC[339]TAK	1
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	*	0.75	*	*	*	1	2	SSSQKKGSSWQAK	1
JAK3_HUMAN (P52333) Tyrosine-protein kinase JAK3 (EC 2.7.10.2) (Janus kinase 3) (JAK-3) (Leukocyte janus kinase) (L-JAK) [MASS=125098]	0.00	2.31	4.27	0.00	1	1	3	QQLPAPKWTELALLIQQC[339]M[147]AYEPVQR	1

JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	*	1.95	*	*	*	1	3	APKPPTDGSTSPSTPSEDQEALGKK	1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	0.00	1.18	0.50	0.00	1	3	1 QPKPTYK 2 LSFSKNGVVR 2 C[339]VIDITNDTNLEK	1 1 1	
JPH3_HUMAN (Q8WXH2) Junctophilin-3 (Junctophilin type 3) (JP-3) [MASS=81468]	*	0.80	*	*	*	1	1	M[147]SSGGR	1
K0182_HUMAN (Q14687) Protein KIAA0182 (Fragment) [MASS=130322]	*	1.82	*	*	*	1	2	VQELAPASGEKARLSEAPGGK	1
							2	NLGMVC[339]R	5
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	0.00	2.07	32.74	0.03	4	2			
							2	YSAARSSADSNM[147]DDIC[339]K	1
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	0.00	3.99	*	*	*	4	2 KAPPPPTSMPTVQAAPPALPGPPGAPVNMYSR 2 ANVVGEVR 3 TLENPVNVYNPSHSDSLASQQSVASHPR 2 TTKLVLIGSNHSLPFLK	1 1 1 1	
K0406_HUMAN (O43156) Protein KIAA0406 [MASS=122069]	0.00	2.85	2.56	0.00	1	2	2 LQLAVLQQLGPLC[339]ER 3 C[330]LQVLLLC[330]DC[339]QDHPR	1 1	
K0971_HUMAN (Q9NYY8) Protein KIAA0971 [MASS=81462]	0.00	3.94	0.37	0.00	1	2	3 C[330]IGKDAPIALKR 2 IMQYKYLLFSLHAIVK	1 1	
K1576_HUMAN (Q9HCJ6) Probable oxidoreductase KIAA1576 (EC 1.-.-.-) [MASS=45899]	0.00	3.34	1.57	0.00	1	1	3 VKAC[339]GLNFIDLM[147]VR	1	
K1688_HUMAN (Q9C0H5) Protein KIAA1688 [MASS=121285]	0.00	5.72	1.75	0.00	1	4	2 GSSVSREGSTSSSLEPEPDTEK 3 LQTLKQNTESPR 2 MDVSNLAMVMAPNC[339]LR 2 KPMIVTSDRHVK	1 1 1 1	
KAC_HUMAN (P01834) Ig kappa chain C region [MASS=11609]	0.99	15.09	1.22	0.00	1	1	2 SGTASVVC[330]LLNNFYPR	1	

KAP3_HUMAN (P31323) cAMP-dependent protein kinase type II-beta regulatory subunit [MASS=46215]	*	2.40	*	*	*	1	2	LLGPC[330]M[147]EIM[147]K	1
KBTB3_HUMAN (Q8NAB2) Kelch repeat and BTB domain-containing protein 3 (BTB and kelch domain-containing protein 3) [MASS=69395]	*	2.63	*	*	*	1	2	DDGSVTITNLSSKAVK	1
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	7.11	1.00	0.05	6	2	3 MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR 3 MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR 2 STVASC[339]M[147]HR 2 STVASC[330]MHR 2 STVASC[339]MHR 2 MC[330]DPGM[147]TAFEPEALGNLVEGLDFHR	1 1 1 1 1 1	
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	5.27	0.86	0.11	5	2	3 IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR 3 IC[330]DPGLTSFEPEALGNLVEGMDFHR 2 LC[330]TGHEYAAK 3 IC[330]DPGLTSFEPEALGNLVEGM[147]DFHR	2 1 1 1	
KCC2D_HUMAN (Q13557) Calcium/calmodulin-dependent protein kinase type II delta chain (EC 2.7.11.17) (CaM-kinase II delta chain) (CaM kinase II subunit delta) (CaMK-II subunit delta) [MASS=56297]	0.97	5.01	1.01	0.00	1	1	3 IC[339]DPGLTAFEPEALGNLVEGMDFHR	1	
KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al [MASS=137559]	0.00	0.89	2.69	0.00	1	1	2 TYNMLC[339]FGIYR	1	
KCNG2_HUMAN (Q9UJ96) Potassium voltage-gated channel subfamily G member 2 (Voltage-gated potassium channel subunit Kv6.2) (Cardiac potassium channel subunit) [MASS=51239]	0.00	5.58	1.13	0.00	1	1	3 LFAC[339]VSVSFVAVTAVGLC[339]LSTM[147]PDIR	1	

KCNH1_HUMAN (O95259) Potassium voltage-gated channel subfamily H member 1 (Voltage-gated potassium channel subunit Kv10.1) (Ether-a-go-go potassium channel 1) (hEAG1) (h-eag) [MASS=111422]	0.00	1.11	0.39	0.00	1	1	2	ALTYC[330]DLHVIK	1
KCNH3_HUMAN (Q9ULD8) Potassium voltage-gated channel subfamily H member 3 (Voltage-gated potassium channel subunit Kv12.2) (Ether-a-go-go-like potassium channel 2) (ELK channel 2) (ELK2) (Brain-specific eag-like channel 1) (BEC1) [MASS=117128]	*	1.75	*	*	*	2	2	WKETGGGR	1
							2	QQIRKALDEHK	1
KCNQ5_HUMAN (Q9NR82) Potassium voltage-gated channel subfamily KQT member 5 (Voltage-gated potassium channel subunit Kv7.5) (Potassium channel subunit alpha KvLQT5) (KQT-like 5) [MASS=99024]	*	1.90	*	*	*	1	2	ENVQVAQSNLTKDRSMR	1
KCNS1_HUMAN (Q96KK3) Potassium voltage-gated channel subfamily S member 1 (Voltage-gated potassium channel subunit Kv9.1) (Delayed-rectifier K(+)) channel alpha subunit 1) [MASS=58371]	0.00	2.09	0.27	0.00	1	1	2	RLC[330]DDYDEAAR	1
							2	FC[339]TGLTQIETLFK	4
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	10.24	1.16	0.01	9	3	2	FC[330]TGLTQIETLFK	2
							1	FC[339]TGLTQIETLFK	1
							2	GFC[330]LPPHC[330]SR	1
							3	LAVEALSSLDGDLAGR	2
							2	GFC[339]LPPHC[339]SR	1

KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	0.00	15.04	2.86	0.00	1	4	3	LGYILTC[339]PSNLGTGLRAGVHVRIPK	1
							2	LGYILTC[330]PSNLGTGLR	2
							2	LGYILTC[339]PSNLGTGLR	6
KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	8.87	1.18	0.08	8	2	3	M[147]ASIFSKLLTGR	1
							2	GLSLPPAC[339]TR	1
							1	GLSLPPAC[339]TR	1
							2	HNNC[330]M[147]ASHLTPAVYAR	2
							3	HNNC[339]M[147]ASHLTPAVYAR	1
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY-REN-62 antigen) [MASS=187178]	0.97	1.91	1.27	0.00	1	2	2	SEVELVQLVIDGVNYLIDC[339]ER	2
							2	HNNC[339]M[147]ASHLTPAVYAR	1
							2	EGISINC[339]GLLALGNVISALGDK	1
							2	EAQIKVLEGR	1
							3	LLQDSLGGNTKTLM[147]VAC[330]LSPADNNYDETLSTLR	1
KIF17_HUMAN (Q9P2E2) Kinesin-like protein KIF17 (KIF3-related motor protein) [MASS=115113]	0.00	3.21	0.80	0.00	1	1	3	IVAGVAAATTTLLMVITGVALC[339]C[339]WR	2
KIRR2_HUMAN (Q6UWL6) Kin of IRRE-like protein 2 precursor (Kin of irregular chiasm-like protein 2) (Nephrin-like protein 3) [MASS=75093]	0.00	3.53	2.78	0.00	1	1	3	IVAGVAAATTTLLMVITGVALC[339]C[339]WR	2
KLD8A_HUMAN (Q8IYD2) Kelch domain-containing protein 8A [MASS=38899]	0.00	7.14	0.44	0.00	1	1	2	NC[330]LLAVGGVNQGLSDAVEALC[330]VSDS	1
KLHL7_HUMAN (Q8IXQ5) Kelch-like protein 7 [MASS=66005]	*	2.05	*	*	*	1	1	MAASGVEKSSKK	1
KNG1_HUMAN (P01042) Kininogen-1 precursor (Alpha-2-thiol proteinase inhibitor) [Contains: Kininogen-1 heavy chain; Bradykinin (Kallidin I); Lysyl-bradykinin (Kallidin II); Kininogen-1 light chain; Low molecular weight growth-promoting factor] [MASS=71945]	0.00	5.90	2.20	0.00	1	2	2	HGHGHGKHKNK	1
							3	YFIDFVARETTC[339]SKESNEELTESC[339]ETK	1

KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	0.00	1.81	1.09	0.00	1	3	2	QALALQMSK	1
							2	AEALLKKLHIQYR	1
							2	IIDLIDREQGEDC[330]LLLLK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	2.45	0.88	0.02	2	1	2	NTGIIC[339]TIGPASR	1
							2	NTGIIC[330]TIGPASR	1
L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	0.00	1.43	0.56	0.00	1	2	2	C[330]EASGKPEVQFR	1
							1	DGVHFK	1
L2GL2_HUMAN (Q6P1M3) Lethal(2) giant larvae protein homolog 2 (HGL) [MASS=113447]	*	1.18	*	*	*	1	3	NHRPGNGAGPKK	1
LAMA1_HUMAN (P25391) Laminin alpha-1 chain precursor (Laminin A chain) [MASS=337156]	*	2.05	*	*	*	4	2	QIDRDQLM[147]TVLANVTHLLIR	1
							2	VMTDLGSGPITLLTDRR	1
							3	QGVLAVIDAYNTSNK	1
							2	IPSQQDALGGR	1
LAMA3_HUMAN (Q16787) Laminin alpha-3 chain precursor (Epiligrin 170 kDa subunit) (E170) (Nicein subunit alpha) [MASS=189304]	*	1.46	*	*	*	2	3	WHTVVFHGDGEKGR	1
							3	EAVMDRVKFQR	1
LAMA5_HUMAN (O15230) Laminin alpha-5 chain precursor [MASS=399709]	0.00	1.24	1.42	0.00	1	4	2	SPNHPLDSPHVC[339]R	1
							2	C[339]DPDTGQC[339]RC[339]R	1
							1	LLGPQR	1
							2	LGLVWAALQGARTQLR	1
LAMC3_HUMAN (Q9Y6N6) Laminin gamma-3 chain precursor (Laminin 12 gamma 3 subunit) [MASS=172051]	*	0.82	*	*	*	1	2	LGKAYEITYVRLK	1
LCMT2_HUMAN (O60294) Leucine carboxyl methyltransferase 2 (EC 2.1.1.-) (p21WAF1/CIP1 promoter-interacting protein) [MASS=75601]	0.00	3.06	11.03	0.00	1	1	3	AVRHC[339]VRAFLEQIGAPQAALR	1
LDLR_HUMAN (P01130) Low-density lipoprotein receptor precursor (LDL receptor) [MASS=95376]	0.20	2.21	0.89	0.00	1	1	3	C[330]DGQVDC[330]DNGSDEQGC[330]PPK	1
LETM1_HUMAN (O95202) Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor [MASS=83354]	0.99	6.36	1.16	0.00	1	2	2	LFEDELTLDNLTRPQLVALC[339]K	1
							3	EDVHISTSQVAEIVATLEKEEKVEEK	1

LIPA2_HUMAN (O75334) Liprin-alpha-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-2) (PTPRF-interacting protein alpha-2) [MASS=143141]	*	0.56	*	*	*	1	1	QMECKNR	1
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	0.99	3.30	1.01	0.00	1	2	2 2	SSLLLGFRSMNINWSEITELLYK C[330]GAIAEQTPILLFLLR	1 1
LPP_HUMAN (Q93052) Lipoma-preferred partner (LIM domain-containing preferred translocation partner in lipoma) [MASS=65746]	0.00	3.92	0.43	0.00	1	1	3	SLDGIPFTVDAGGLIHC[339]IEDFHKK	1
LRAT_HUMAN (O95237) Lecithin retinol acyltransferase (EC 2.3.1.135) (Phosphatidylcholine--retinol O-acyltransferase) [MASS=25703]	0.00	5.65	1.05	0.00	1	1	2	FC[339]ETVKIIRDQR	1
LRC41_HUMAN (Q15345) Leucine-rich repeat-containing protein 41 (Protein Muf1) [MASS=92287]	*	3.32	*	*	*	2	2 3	LC[339]DQRFSPLLHSSR RPAQFLPEM[147]VAAM[147]K	1 1
LRC57_HUMAN (Q8N9N7) Leucine-rich repeat-containing protein 57 [MASS=26754]	0.00	10.46	0.34	0.00	1	1	3	LTVLPDEIC[330]NLKKLETSLNNHLR	1
LRIG3_HUMAN (Q6UXM1) Leucine-rich repeats and immunoglobulin-like domains protein 3 precursor (LIG-3) [MASS=123433]	*	2.77	*	*	*	2	2 3	NRISAIPPKMFK ERRMHVM[147]PEDDVFFIVDVK	1 1
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	0.00	1.44	0.41	0.00	1	4	3 3 2 3	LWWADQNLAQLGTC[330]SK C[330]LC[330]TDGYEIQPDNPNGC[330]K IESASM[147]SGAGRK LYWTDGNTINM[147]ANM[147]DGSNSK	1 1 1 1
LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	*	1.65	*	*	*	5	2 3 3 2 3	NLTNPRGLALDPR DC[339]NATTEFM[147]C[339]NNRRC[339]IPR RVLLKVTVDM[147]PR GSFRC[339]SC[330]DTGYMLES DGR WIC[339]DHYNDC[339]GDNSDER	1 1 1 1 1
LRP4_HUMAN (O75096) Low-density lipoprotein receptor-related protein 4 precursor (Multiple epidermal growth factor-like domains 7) [MASS=215964]	*	2.67	*	*	*	4	1 3 1 3	TSLEEVEGR C[330]SDGSC[330]IAEHWYC[339]DGD TDC[339]K LSSESQV TGEENC[339]NVNNGGC[339]AQK	1 1 1 1

LRRK1_HUMAN (Q38SD2) Leucine-rich repeat serine/threonine-protein kinase 1 (EC 2.7.11.1) [MASS=227842]	*	1.52	*	*	*	1	3	VDM[147]FSYGM[147]VLYELLSGQRPALGHHQLQIAKK	1
LSHB_HUMAN (P01229) Lutropin beta chain precursor (Luteinizing hormone subunit beta) (LSH-beta) (LSH-B) (LH-B) [MASS=15345]	0.00	10.64	1.68	0.00	1	1	2	GVDPVVSFPVALSC[339]R	1
LTBP3_HUMAN (Q9NS15) Latent-transforming growth factor beta-binding protein 3 precursor (LTBP-3) [MASS=139246]	0.00	4.76	3.63	0.00	1	3	3	GAGSHC[339]PTSQSESNSFWDTSPLLL GKPPR	1
							3	PPVC[339]EDIDEC[339]RDPSSC[330]PDGK	1
							3	QPC[330]GSNPLPGLTK	3
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	*	5.09	*	*	*	2	3	TLPELC[330]SPQDELDFLM[147]EALIISK	1
							2	ATPRLILLELM[147]SGGDM[147]KSFLR	1
LUZP1_HUMAN (Q86V48) Leucine zipper protein 1 [MASS=120274]	0.00	4.37	2.27	0.00	1	3	2	GHVLGNGSQVTQAANS GC[339]SK	1
							2	HDITLQLAE AERMADGPLK	1
							2	FKLQSLSR	1
LY75_HUMAN (O60449) Lymphocyte antigen 75 precursor (DEC-205) (gp200-MR6) (CD205 antigen) [MASS=198270]	*	1.22	*	*	*	1	3	WAETNGQLEDC[330]VVLDTDGFWK	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	0.00	4.96	0.68	0.00	1	2	3	M[147]AVMEM[147]AC[330]PGAPGS AVGQQKELPKAK	1
							3	GSFGEVHRM[147]EDKQTGFQC[330]AVK	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	0.42	*	*	*	1	3	NNMGNDTNEEQEKAVTKIEIISHM[147]K	1
MAGB5_HUMAN (Q9BZ81) Melanoma-associated antigen B5 (MAGE-B5 antigen) (Fragment) [MASS=13018]	*	19.82	*	*	*	1	2	GNC[330]ANKEDTWKFLDMMQIYDGK	1
MALT1_HUMAN (Q9UDY8) Mucosa-associated lymphoid tissue lymphoma translocation protein 1 (EC 3.4.22.-) (MALT lymphoma-associated translocation) (Paracaspase) [MASS=92272]	0.00	3.16	10.36	0.00	1	2	2	ETGLNVFLDLMC[339]R	1
							1	VVSLDLTEYEMR	1

MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.98	3.15	1.05	0.00	1	1	2	FGINC[339]LIQFEDFANANAFR	1
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	1.00	3.72	0.88	0.06	2	4	2	YTRPTLSC[330]VK	1
							2	EEFVETC[330]PSEHK	1
							3	RSPHDEEEFEVEEAQAEPK	1
							2	M[147]EFHDQQLTPSTAEPDQKEK	1
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	0.00	2.83	28.66	0.00	1	2	3	RPVFILGEPDPPPAATPVM[147]PK	1
							3	QVC[339]GTPEYIAPEVIFR	1
MCAT_HUMAN (O43772) Mitochondrial carnitine/acylcarnitine carrier protein (Carnitine/acylcarnitine translocase) (CAC) (Solute carrier family 25 member 20) [MASS=32944]	*	8.64	*	*	*	1	3	VRLQTQPPSLPGQPPMYSGTFDC[330]FRK	1
MCCA_HUMAN (Q96RQ3) Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial precursor (EC 6.4.1.4) (3-methylcrotonyl-CoA carboxylase 1) (MCCase alpha subunit) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha) (3-methylcrotonyl-CoA carboxyla [MASS=80473]	0.92	5.24	0.87	0.00	1	2	2	ESLC[339]QAALGLILK	1
							2	SIMAAAGVPVVEGYHGEDQSDQC[330]LK	1
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	0.00	6.93	0.78	0.00	1	2	3	NIAQIAVVM[147]GSC[339]TAGGAYVPAMADENIIVR	1
							2	AQEIAMQNR	1
MCM3A_HUMAN (O60318) 80 kDa MCM3-associated protein (GANP protein) [MASS=218403]	0.00	2.63	1.01	0.00	1	3	3	M[147]NPTNPFSGQQPSAFSASSSNVGTLPSPKPPFR	1
							3	TFVGTC[330]LDM[147]C[330]PEK	1
							1	PFSLKEK	1
MCM6_HUMAN (Q14566) DNA replication licensing factor MCM6 (p105MCM) [MASS=92889]	*	2.31	*	*	*	1	2	MDLAAAEPGAGSQHLEVR	1

								1	TIIP LISQC[339]TPK	2
								1	EGVVEC[330]SFVK	1
								2	EGVVEC[339]SFVK	1
								1	GYLGPEQLPDC[339]LK	1
								2	TIIP LISQC[339]TPK	1
								2	SQETEC[339]TYFSTPLLLGK	4
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	19.23	1.32	0.07	19	5				
								2	GYLGPEQLPDC[339]LK	1
								2	TIIP LISQC[330]TPK	1
								2	EGVVEC[330]SFVK	1
								2	SQETEC[330]TYFSTPLLLGK	3
								2	GC[339]DVVVIPAGVPR	1
								1	TIIP LISQC[330]TPK	2
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	*	2.38	*	*	*	7		3	NEKAEENTDQASPQEDYAGFERLQSGHLTK	1
								2	KELSPALR	1
								2	LNSVLEVEKSLVLAKEGSPEDK	1
								1	GPGNLNR	1
								2	PKC[339]LGEGGKAITMEIVNK	1
								3	FMLFATQNPPLYGGR	1
								3	THLLTSDSQGGNQMLDEGFVEDFSEQMEIAIR	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	*	0.39	*	*	*	1	1	1	KNFFK	1
MDR3_HUMAN (P21439) Multidrug resistance protein 3 (EC 3.6.3.44) (P-glycoprotein 3) [MASS=140681]	*	0.70	*	*	*	1	1	1	M[147]IGVLT LFR	1
MGA_HUMAN (O43451) Maltase-glucoamylase, intestinal [Includes: Maltase (EC 3.2.1.20) (Alpha-glucosidase); Glucoamylase (EC 3.2.1.3) (Glucan 1,4-alpha-glucosidase)] [MASS=209721]	*	1.13	*	*	*	1	3	3	QYDIHNLYGYSM[147]AVATAEAAK	1
MGR6_HUMAN (O15303) Metabotropic glutamate receptor 6 precursor (mGluR6) [MASS=95436]	0.00	2.74	1.06	0.00	1	1	3	3	LLDTC[339]SRDTYALEQALS FVQALIR	1

MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.20	0.05	6	2	3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	VEYPIMYSTDPENGHIFNC[330]IQR	1
							3	VEYPIMYSTDPENGHIFNC[339]IQR	1
							3	VEYPIM[147]YSTDPENGHIFNC[339]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIMYSTDPENGHIFNC[339]IQR	1
MIF_HUMAN (P14174) Macrophage migration inhibitory factor (MIF) (Phenylpyruvate tautomerase) (EC 5.3.2.1) (Glycosylation-inhibiting factor) (GIF) [MASS=12345]	0.00	7.89	1.17	0.00	1	1	2	LLC[330]GLLAER	1
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	*	2.59	*	*	*	1	2	LTTMAMYPHVTQADLK	1
MKLN1_HUMAN (Q9UL63) Muskelin [MASS=84767]	0.00	1.50	0.16	0.00	1	1	3	LC[330]RPSKDYLLR	2
MLH3_HUMAN (Q9UHC1) DNA mismatch repair protein Mlh3 (MutL protein homolog 3) [MASS=163711]	0.00	1.38	0.16	0.00	1	1	3	NDVSGSM[147]VLQLPKTKDVC[330]SR	1
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.98	4.11	1.40	0.00	1	2	2	EGASILLDGR	1
							2	ERVLC[339]NLIDSGTK	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	1.00	9.72	1.51	0.16	3	2	2	FSDEGGFTC[339]FFR	2
							2	ALVGDEVELPC[339]R	1
MP2K5_HUMAN (Q13163) Dual specificity mitogen-activated protein kinase kinase 5 (EC 2.7.12.2) (MAP kinase kinase 5) (MAPKK 5) (MAPK/ERK kinase 5) [MASS=48968]	*	4.11	*	*	*	1	3	C[339]DSSYIIGFYGAFFVENR	1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	1.00	19.06	0.98	0.08	2	4	2	LPRPPPEM[147]PESLKK	1
							3	ANPFNTPHLQLVHDGLGDLRSSSPGPTGQPRR	1
							2	FAC[330]FER	1
							2	GWAPTFLGYSMQGLC[330]JK	1
MPP9_HUMAN (Q99550) M-phase phosphoprotein 9 [MASS=78084]	*	2.31	*	*	*	1	2	REIM[147]LTPVTVAAYSPKR	1

MSH5_HUMAN (O43196) MutS protein homolog 5 [MASS=92875]	*	1.80	*	*	*	1	2	TFVPNSTEC[330]GGDKGR	1
MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	0.99	6.93	1.09	0.00	1	1	3	QVC[339]QLPGLFSYAQHIASIDGR	1
MTMR5_HUMAN (O95248) SET-binding factor 1 (Sbf1) (Myotubularin-related protein 5) [MASS=208255]	0.00	0.54	0.14	0.00	1	1	3	NC[330]ISYVFEGK	1
MTMR7_HUMAN (Q9Y216) Myotubularin-related protein 7 (EC 3.1.3.-) [MASS=75806]	*	5.91	*	*	*	2	2	YEELYC[339]FSFNPM[147]LDK	1
							2	AALGTLYLTATHVIFVENSPPARK	1
MTX2_HUMAN (O75431) Metaxin-2 [MASS=29763]	1.00	14.07	0.96	0.07	3	2	2	NYSNLLAFC[339]R	1
							2	NYSNLLAFC[330]R	1
							3	GEQILLSDNAASLAVQAFLQM[147]C[339]NLPIK	1
MY18A_HUMAN (Q92614) Myosin-18A (Myosin XVIIIa) (Myosin containing PDZ domain) (Molecule associated with JAK3 N-terminus) (MAJN) [MASS=233113]	*	1.02	*	*	*	2	1	LTETNA	1
							2	GAPAVYSEKVMHM[147]FK	1
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	*	2.69	*	*	*	8	3	DPPKGM[147]IPPGTQLVKPK	1
							2	M[147]LVIVVLPVRNSLRR	1
							3	SPVRC[339]IATTR	1
							2	LISAHSSLSK	1
							2	ELYEDVR	1
							3	LLQTISDLMMSLPSGSSLQQMALRC[339]WSLK	1
							2	FSADTDILLGGLGLFGGR	1
2	SVDEGSNKVHFSIGKAPLK	1							
MYLIP_HUMAN (Q8WY64) Ubiquitin ligase MYLIP (EC 6.3.2.-) (Myosin regulatory light chain-interacting protein) (MIR) [MASS=49910]	0.00	1.80	*	*	*	1	2	HIFFLHIK	1
MYLK2_HUMAN (Q9H1R3) Myosin light chain kinase 2, skeletal/cardiac muscle (EC 2.7.11.18) (MLCK2) [MASS=64553]	0.00	3.70	*	*	*	2	2	EM[147]VLEIEVMNQLNHR	1
							1	APASEK	1
MYO10_HUMAN (Q9HD67) Myosin-10 (Myosin X) [MASS=237389]	0.00	1.36	1.18	0.00	1	2	2	RPTVSSQFK	1
							3	RHLGELPPHIFAIANEC[339]YR	1
MYO6_HUMAN (Q9UM54) Myosin-6 (Myosin VI) [MASS=148713]	0.00	1.56	1.87	0.00	1	1	3	SAQSLEYC[339]AELLGLDQDDLRL	1
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	0.00	3.00	0.07	0.00	1	3	2	EGETVTLKCC[330]TMLVTPDLK	2
							2	YVSM[147]TIKGVTSEDSGK C[330]TMLVTPDLK	1 1

							2	VC[330]GSNLLSIC[330]K	1
							1	TSASIGSLC[330]ADAR	2
							2	VC[339]GSNLLSIC[339]K	2
							1	TSASIGSLC[339]ADAR	1
							1	VC[330]HC[330]LGK	1
							1	VC[330]GSNLLSIC[330]K	1
							2	TSASIGSLC[330]ADAR	5
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	14.13	0.98	0.08	18	4			
							1	LMGRGTKF	3
							2	TSASIGSLC[339]ADAR	5
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	*	1.85	*	*	*	2	3	TLYYDVEPFLFYVLTQNDVKGC[330]HLVGYFSK	1
							1	VRTGPGR	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	0.99	36.97	1.32	0.00	1	3	2	EM[147]FGYMK	2
							3	FLPDEARSLPPPKLTDPR	1
							2	LLYIGFLGYC[339]SGLIDNLIR	1
NAC3_HUMAN (P57103) Sodium/calcium exchanger 3 precursor (Na(+)/Ca(2+)-exchange protein 3) [MASS=103009]	0.00	2.80	13.09	0.00	1	1	3	AEAGGSGDVPSTGQNNESC[339]SGSSDC[339]K	1
NADK_HUMAN (O95544) NAD kinase (EC 2.7.1.23) (Poly(P)/ATP NAD kinase) [MASS=49228]	0.00	7.40	0.92	0.00	1	2	3	QAMQYQVLNEVIDR	1
							2	ELC[330]THLMEENMIVYVEKK	1

NALP1_HUMAN (Q9C000) NACHT, LRR and PYD-containing protein 1 (Death effector filament-forming ced-4-like apoptosis protein) (Nucleotide-binding domain and caspase recruitment domain) (Caspase recruitment domain protein 7) [MASS=165865]	0.00	2.38	0.32	0.00	1	2	2	IHKPPPLTPLYMGC[330]R	1
							2	WVPVTDAYWQILFSVLK/TR	1
NAP5_HUMAN (O14513) Nck-associated protein 5 (NAP-5) (Fragment) [MASS=44829]	0.00	4.33	*	*	*	2	1	VSPKRGVPK	2
							1	VSTESFSSR	1
NARG1_HUMAN (Q9BXJ9) NMDA receptor-regulated protein 1 (N-terminal acetyltransferase) (Tubedown-1 protein) (Tbdn100) (Gastric cancer antigen Ga19) [MASS=101272]	0.00	4.62	7.23	0.00	1	2	3	EGTSAVENLNEMQC[339]MWFQTEC[339]AQAYK	1
							2	LEDAADVYRGLQER	1
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	0.99	1.30	0.87	0.00	1	1	2	FFLC[330]QVAGDAK	1
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	0.00	2.39	0.23	0.00	1	2	2	MC[339]GKKSGSSGK	1
							3	GEEMTFSC[330]R	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	1.00	5.66	0.78	0.00	1	1	2	SC[330]FQPLFQFEDM[147]QEIIQNFR	1
NDUA2_HUMAN (O43678) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B8 subunit) (Complex I-B8) (CI-B8) [MASS=10790]	0.00	6.12	1.15	0.00	1	1	2	IHLC[339]QR	1
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	1.00	13.91	1.40	0.00	2	1	2	TTGLVGLAVC[339]NTPHER	1
							2	TTGLVGLAVC[330]NTPHER	1

NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	0.93	8.04	1.65	0.00	1	1	2	LSNNYYC[339]TR	1
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	29.82	1.14	0.09	6	4	2 3 2 1 2 3 2	C[330]ALDFFR AAAHHYGAQC[339]DKPNK AAAHHYGAQC[339]DKPNK C[339]ALDFFR FDEC[330]VLDK AAAHHYGAQC[330]DKPNKEFM[147]LC[330]R C[339]ALDFFR	1 1 1 1 1 1 1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	16.62	0.87	0.01	2	3	2 3 3 3	C[339]EVLQYSAR TFLPEM[147]SEKC[330]EVLQYSAR HFPEAGIHYPDSTTGDGKPLATDYNGNC[339]SLEK TFLPEM[147]SEKC[339]EVLQYSAR	1 1 1 1
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	6.62	1.14	0.00	2	1	2 2	DYC[330]AHHLIR DYC[339]AHHLIR	1 1
NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.23	6.43	0.99	0.00	1	1	2	EGQNYQQNC[330]IK	1
NEGR1_HUMAN (Q7Z3B1) Neuronal growth regulator 1 precursor [MASS=38719]	0.00	2.54	0.65	0.00	1	1	2	C[330]YLEDGASK	1
NEIL1_HUMAN (Q96FI4) Endonuclease VIII-like 1 (EC 3.2.2.-) (EC 4.2.99.18) (Nei-like 1) (DNA glycosylase/AP lyase Neil1) (DNA-(apurinic or apyrimidinic site) lyase Neil1) (NEH1) (FPG1) [MASS=43553]	0.00	5.66	0.72	0.00	1	1	3	WQPGRGPC[330]VLQEYQQFRENVL	1

NEIL3_HUMAN (Q8TAT5) Endonuclease VIII-like 3 (Nei-like 3) (DNA glycosylase FPG2) [MASS=67893]	0.00	13.39	2.19	0.00	1	5	3	M[147]VEGPGC[339]TLNGEKIRAR	1
							2	IRARVLPQAVTGVR	1
							2	VDHVMDSVAR	1
							3	QNQILDEEFQNSPPASVC[330]LNDIQHPSKK	1
							2	VLPQAVTGVR	1
NELFB_HUMAN (Q8WX92) Negative elongation factor B (NELF-B) (Cofactor of BRCA1) [MASS=65697]	0.00	2.24	10.00	0.00	1	1	2	MPSLQPVVM[147]C[339]VM[147]K	1
NGN2_HUMAN (Q9H2A3) Neurogenin 2 [MASS=28621]	0.00	5.15	1.47	0.00	1	1	2	GGVAAGAEGC[339]RPAR	1
NIBA_HUMAN (Q9BZQ8) Niban protein [MASS=103134]	0.00	3.66	3.38	0.00	1	1	3	SC[339]LESVQPFLASILEELMGPVSSGFSEVRVLF EK	1
NIPM_HUMAN (O43920) NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-15 kDa) (CI-15 kDa) [MASS=12386]	0.61	11.43	0.44	0.00	1	1	2	IEYDDFVEC[339]LLR	1
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	0.99	5.20	1.05	0.00	1	1	2	LGAC[339]LAFLPEAFDFIAR	1
NMDE1_HUMAN (Q12879) Glutamate [NMDA] receptor subunit epsilon 1 precursor (N-methyl D-aspartate receptor subtype 2A) (NR2A) (NMDAR2A) (hNR2A) [MASS=165281]	*	4.85	*	*	*	3	2	PHDYSPPFRFGTVPNGSTERNIR	1
							3	KSVDSIRQDSL SQNPVSQR	1
							3	GDSTLPMNRNPLHNEEGLSNNDQYKLYSK	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	0.83	1.01	0.02	4	1	2	KTC[339]DALQAK	2
							2	KTC[330]DALQAK	2
NOL8_HUMAN (Q76FK4) Nucleolar protein 8 (Nucleolar protein Nop132) [MASS=131616]	0.00	3.86	4.13	0.00	1	3	3	VSC[339]HDSDDDIMR	1
							3	NVAKVKNSTEFSQM[147]EK	1
							3	FQAFKGVGC[330]LYEKESMK	1
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	*	3.52	*	*	*	3	2	KARLIASNV TETM[147]GINGSAYR	1
							2	PQGGDFMR	1
							3	FFKNSYSP LLLKDW MR	1
NPTN_HUMAN (Q9Y639) Neuroplastin precursor (Stromal cell-derived receptor 1) (SDR-1) [MASS=31291]	1.00	6.38	0.91	0.00	1	1	2	AEDSGEYHC[339]VYHFVSAPK	1

NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	0.00	5.76	0.28	0.00	1	3	3	RDPAPGFSMLLFGVSLAC[339]YSPSLKSVQDQAYK	1
							2	QNM[147]C[330]PAHQNR	1
							1	RTSAGPR	1
NRP1_HUMAN (O14786) Neuropilin-1 precursor (Vascular endothelial cell growth factor 165 receptor) (CD304 antigen) [MASS=103120]	*	0.54	*	*	*	1	1	HRENK	1
NSD1_HUMAN (Q96L73) Histone-lysine N-methyltransferase, H3 lysine-36 and H4 lysine-20 specific (EC 2.1.1.43) (H3-K36-HMTase) (H4-K20-HMTase) (Nuclear receptor-binding SET domain-containing protein 1) (NR-binding SET domain-containing protein) (Androgen r [MASS=296650]	*	1.41	*	*	*	3	2	C[339]AESEQK	1
							3	FSTLLMMLKDMHDSKTK	1
							3	LLITSSPKPQTSDR	1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	7.66	1.07	0.05	4	4	1	GILLYGPPGC[339]GK	1
							3	KLLM[147]LIEM[147]SLQMDPEYRVR	1
							2	GILLYGPPGC[339]GK	1
							2	SQLSC[339]VVVDDIER	1
							2	SQLSC[330]VVVDDIER	1
							3	EFSDIFRRAFAFR	1
NTRK1_HUMAN (P04629) High affinity nerve growth factor receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 1) (TRK1 transforming tyrosine kinase protein) (p140-TrkA) (Trk-A) [MASS=87497]	*	3.52	*	*	*	2	2	NC[339]LVGQGLVVK	1
							2	TMLPIRWM[147]PPESILYRK	1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	*	5.09	*	*	*	3	2	HFREFTVC[330]SIGTANAVAGAVK	1
							3	LRLAYSPTMGLYLGIYM[147]HAPK	1
							3	NHDGEC[339]TAAPTNRQIEILELEDLEK	1
NU5M_HUMAN (P03915) NADH-ubiquinone oxidoreductase chain 5 (EC 1.6.5.3) (NADH dehydrogenase subunit 5) [MASS=67026]	0.41	7.30	1.12	0.00	1	2	3	SPLC[330]TFYFSNM[147]LGFYPSITHR	1
							3	LTALAVTFLGLLTALDLNYLTNK	1
NUAK1_HUMAN (O60285) NUAK family, SNF1-like kinase 1 (EC 2.7.11.1) (AMPK-related protein kinase 5) [MASS=74305]	*	1.97	*	*	*	1	3	LENILLDDNC[330]NIK	1

NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	9.49	1.15	0.10	5	5	2	VLFLLGADGGC[339]ITR	1
							3	DC[339]FIYQGHGHDVGAPIADVILPGAAYTEK	1
							1	FC[339]YHER	1
							2	VVAAC[330]AM[147]PVM[147]K	1
							2	MC[330]LVEIEK	1
							1	FC[330]YHER	1
							2	LLEGCG[339]LVGGR	1
							3	LKPPFPADVGVFGC[330]PTTVANVETVAVSPTIC[339]R	1
							2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDFVVR	1
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	33.62	1.08	0.13	11	8	2	GAGAYIC[339]GEETALIESIEGK	2
							3	LFNISGHVNHPC[339]TVEEEM[147]SVPLK	1
							2	LLEGCG[330]LVGGR	1
							3	LIEFYKHESC[330]GQC[330]TPC[330]R	1
							3	LFNISGHVNHPC[339]TVEEEM[147]SVPLKELIEK	1
							3	LKPPFPADVGVFGC[339]PTTVANVETVAVSPTIC[339]R	1
							2	NAC[330]GSGYDFDFVVR	1
							2	ELTERFEDVWVVSGLPTLPQTR	1
							2	C[339]YTNHALSYDQAK	1
							2	ALC[330]GFRGVAAQVLRPGAGVR	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	0.90	7.34	0.96	0.00	1	3	2	IIAQC[330]LNK	1
							2	VSPPKR	1
							1		1
NUIM_HUMAN (O00217) NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit) [MASS=23705]	1.00	8.57	1.45	0.00	1	1	2	LC[339]EAIC[339]PAQAITIEAEPR	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	1.00	22.07	0.77	0.00	1	2	2	IVPVDIYIPGC[339]PPTAEALLYGILQLQR	1
							3	QSDVM[147]IVAGTLTNKM[147]APALR	2
NUMA1_HUMAN (Q14980) Nuclear mitotic apparatus protein 1 (NuMA protein) (SP-H antigen) [MASS=238273]	*	0.80	*	*	*	1	2	MTM[147]LLLYHSTM[147]SSKSPR	1

NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	1.00	12.10	1.16	0.04	3	1	2	VIAC[339]DGGGGALGHPK	1
							2	VIAC[330]DGGGGALGHPK	2
NUP50_HUMAN (Q9UKX7) Nucleoporin 50 kDa (Nuclear pore-associated protein 60 kDa-like) [MASS=50144]	*	3.63	*	*	*	1	2	VKTSEDADELHKILLEK	1
NUP53_HUMAN (Q8NFH5) Nucleoporin NUP53 (Nuclear pore complex protein Nup53) (Nucleoporin Nup35) (35 kDa nucleoporin) (Mitotic phosphoprotein 44) (MP-44) [MASS=34774]	0.00	4.91	0.57	0.00	1	1	2	IFGESIM[147]IGVKPC[330]IDK	1
O10H3_HUMAN (O60404) Olfactory receptor 10H3 [MASS=35721]	0.00	3.16	*	*	*	1	3	M[147]LADLLFTHR	1
O13D1_HUMAN (Q8NGV5) Olfactory receptor 13D1 [MASS=35304]	0.00	8.92	0.44	0.00	1	1	3	KAFSTC[330]SAHSIVILFYGSALFMYMKPK	1
O4A15_HUMAN (Q8NGL6) Olfactory receptor 4A15 (Olfactory receptor OR11-118) [MASS=35306]	*	6.05	*	*	*	1	3	NNVTEFILLGLTQNPEGQK	1
O51A4_HUMAN (Q8NGJ6) Olfactory receptor 51A4 [MASS=35256]	0.00	9.27	1.66	0.00	1	1	3	HVSPLINVLMANVLLLVPPLTNPIVYC[339]VK	1
							3	RLVVQQAGQADAGEYSC[339]EAGGQR	1
							3	PQDSC[330]RVTFFLAGDM[147]VTS AFLTVRGWR	1
							1	EDSVRK	1
							3	TPLHANELNEIDAQPGGYHVLTLR	1
							3	QDGAVC[330]ELQIC[339]GLAVADAGEYSC[339]VC[330]GEER	1
							3	ERPAAIIKPLEDQWVAPGEDVELR	1
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin-MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	2.18	1.16	0.00	1	9	1	VRVEELGEASALRIR	1
							2	HLPLDEPAELGLRER	1
							2	DDTPLSPSEKFK	1
							3	IC[330]RQVISQLPR	2
OCRL_HUMAN (Q01968) Inositol polyphosphate 5-phosphatase OCRL-1 (EC 3.1.3.36) (Lowe oculocerebrorenal syndrome protein) [MASS=104204]	0.30	2.22	1.05	0.00	1	2	2	C[339]LDSAYDPR	1

ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2-methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	0.92	6.22	1.11	0.00	1	2	2	NVQIC[339]SIFDIATELNR	1
							2	PPVFTGKDKTEPIK	1
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.94	3.49	0.89	0.00	1	2	3	VAAEWRSTFHKDVVVDLVC[339]YR	1
							2	FGLEGC[339]EVLIPALK	1
ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781]	1.00	10.75	0.93	0.12	3	3	2	DVPLGTPLC[330]IIVEK	1
							3	NFSAIINPPQAC[339]ILAIGASEDKLVPADNEK	1
							2	DVPIGAIC[330]ITVGKPEDIEAFK	1
ODP_A_HUMAN (P08559) Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) [MASS=43295]	0.00	1.54	0.88	0.00	1	1	2	KC[330]DLHR	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	*	3.62	*	*	*	1	2	PMDMETIEASVMK	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.95	6.59	1.21	0.00	1	2	3	HSLDASQGTATGPR	1
							2	STVPHAYATADC[330]DLGAVLK	1

OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	1.00	2.71	1.20	0.03	3	2	3 3 2	TQEQC[330]VHNETKNELEK TQEQC[339]VHNETKNELEK TALNHC[330]NLC[330]R	1 1 1
OR1B1_HUMAN (Q8NGR6) Olfactory receptor 1B1 (Olfactory receptor 9-B) (OR9-B) (Olfactory receptor OR9-26) [MASS=35161]	0.00	5.99	2.52	0.00	1	1	3	C[339]AC[339]LLALSWVVSILHTMLR	1
OR1L3_HUMAN (Q8NH93) Olfactory receptor 1L3 (Olfactory receptor 9-D) (OR9-D) (Olfactory receptor OR9-28) [MASS=36633]	0.45	4.94	2.97	0.00	1	1	2	C[339]VAIC[339]NPFHYVTVM[147]NR	1
OR5L2_HUMAN (Q8NGL0) Olfactory receptor 5L2 (HTPCRX16) [MASS=34682]	0.00	5.47	0.35	0.00	1	1	3	FVAIC[330]NPLLYM[147]VTM[147]SQK	1
ORC1_HUMAN (Q13415) Origin recognition complex subunit 1 (Replication control protein 1) [MASS=97349]	*	2.44	*	*	*	1	3	GSPQETTVLLVDELDLLWTHK	1
OXRP_HUMAN (Q9Y4L1) 150 kDa oxygen-regulated protein precursor (Orp150) (Hypoxia up-regulated 1) [MASS=111335]	0.00	2.40	1.26	0.00	1	2	2 2	LC[330]QGLFFR ENERFFGDSAASMAIK	1 1
OZF_HUMAN (Q15072) Zinc finger protein OZF (Only zinc finger protein) (Zinc finger protein 146) [MASS=33280]	*	6.16	*	*	*	1	3	AFSQFSTLALHLRIHTGK	1
P2Y13_HUMAN (Q9BPV8) P2Y purinoceptor 13 (P2Y13) (G-protein coupled receptor 86) (G-protein coupled receptor 94) [MASS=38440]	*	2.10	*	*	*	1	2	VYDSYRK	1
P3H2_HUMAN (Q8IVL5) Prolyl 3-hydroxylase 2 precursor (EC 1.14.11.7) (Leprecan-like protein 1) (Myxoid liposarcoma-associated protein 4) [MASS=80984]	0.00	1.84	0.41	0.00	1	1	2	SC[330]ETQRLGGPASR	1
PAIP1_HUMAN (Q9H074) Polyadenylate-binding protein-interacting protein 1 (Poly(A)-binding protein-interacting protein 1) (PABP-interacting protein 1) (PAIP-1) [MASS=53524]	0.00	10.23	1.86	0.00	1	3	3 1 3	ELLNALFSNPM[147]DDNLIC[339]AVK APGAGRGR M[147]DM[147]EEIIQRIENVVLDANC[330]SR	1 1 1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPank4) [MASS=85990]	*	2.07	*	*	*	1	2	AVHTNYHAALRC[339]ESLK	1

PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	32.28	0.88	0.05	3	4	1	ALVILAK	1
							2	VTVAGLAGKDPVQC[330]SR	1
							2	DVVIC[339]PDASLEDAKK	1
							2	GLIAAIC[330]AGPTALLAHEIGFGSK	1
PAX9_HUMAN (P55771) Paired box protein Pax-9 [MASS=36310]	*	5.28	*	*	*	1	2	VPTPPGVPAIPGSVAM[147]PR	1
PCD10_HUMAN (Q9P2E7) Protocadherin-10 precursor [MASS=112935]	0.00	1.63	2.65	0.00	1	1	3	AQSAGM[147]DLFSNC[339]TEEC[339]K	1
PCD15_HUMAN (Q96QU1) Protocadherin-15 precursor [MASS=216027]	*	3.32	*	*	*	3	3	SEPNVISSPAEC[339]SLELSPSR	1
							3	QM[147]LFLNSTGRVLDR	1
							3	LVVVAFFDDGEPVM[147]SSSATVKILVLHPGEIPR	1
PCDAC_HUMAN (Q9UN75) Protocadherin alpha 12 precursor (PCDH-alpha12) [MASS=101651]	0.38	2.66	1.42	0.00	1	1	3	QRVC[339]SAESPPKTDLM[147]AFSPSLQLSR	1
PCOC2_HUMAN (Q9UKZ9) Procollagen C- endopeptidase enhancer 2 precursor (Procollagen COOH-terminal proteinase enhancer 2) (Procollagen C-proteinase enhancer 2) (PCPE-2) [MASS=45716]	*	6.75	*	*	*	1	2	MMVQMISDANTAGNGFMAMFSAAEPNER	1
PDCD8_HUMAN (O95831) Programmed cell death protein 8, mitochondrial precursor (EC 1.- .-.) (Apoptosis-inducing factor) [MASS=66900]	0.00	4.73	1.51	0.00	1	2	3	SNIWVAGDAAC[339]FYDIKLGR	1
							2	C[339]LIATGGTPR	1
PDIA5_HUMAN (Q14554) Protein disulfide- isomerase A5 precursor (EC 5.3.4.1) (Protein disulfide isomerase-related protein) [MASS=59594]	0.21	1.93	0.18	0.57	2	1	2	GFPTIC[330]YFEK	2
PDZK3_HUMAN (O15018) PDZ domain- containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	0.00	3.17	0.73	0.00	1	6	3	LQELRALSMPLDKLC[339]SEDYSAGPSAVLFK	1
							3	NGESVLENLHISESQDLDDLQK	1
							1	SFSMAK	1
							2	HNQGTHLR	1
							1	EPGKPR	1
							2	LVSPSLTPC[339]STPTHM[147]SR	1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	0.99	4.09	0.83	0.00	1	1	2	AC[330]ANPAAGSVILLENLR	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	0.00	3.62	0.66	0.00	1	1	3	VMIC[330]MPVGGPDLVSVYTAQK	1

PHEX_HUMAN (P78562) Phosphate-regulating neutral endopeptidase (EC 3.4.24.-) (Metalloendopeptidase homolog PEX) (X-linked hypophosphatemia protein) (HYP) (Vitamin D-resistant hypophosphatemic rickets protein) [MASS=86473]	0.00	3.07	0.97	0.00	1	2	1	C[330]NSYRPEAAR	1
							2	C[330]M[147]INQYSNYYWKK	1
PHF8_HUMAN (Q9UPP1) PHD finger protein 8 [MASS=117863]	*	1.23	*	*	*	1	2	VTPTLPKQDRPVR	1
PHLD1_HUMAN (P80108) Phosphatidylinositol-glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) [MASS=92374]	0.41	1.79	1.39	0.00	1	1	2	LWPGLLIMLGSLC[339]HR	1
PI51C_HUMAN (O60331) Phosphatidylinositol-4-phosphate 5-kinase type-1 gamma (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type I gamma) (PtdIns(4)P-5-kinase gamma) (PtdInsPKIgamma) (PIP5KIgamma) [MASS=73259]	*	2.99	*	*	*	1	3	KLEHTWKALVHDGDTVSVHR	1
PITM2_HUMAN (Q9BZ72) Membrane-associated phosphatidylinositol transfer protein 2 (Phosphatidylinositol transfer protein, membrane-associated 2) (Pyk2 N-terminal domain-interacting receptor 3) (NIR-3) [MASS=148932]	*	1.41	*	*	*	1	2	VSYTIPESHRLGVGVYPIK	1
PK1L1_HUMAN (Q8TDX9) Polycystic kidney disease 1-like 1 protein (Polycystin-1L1) [MASS=315433]	*	0.56	*	*	*	1	2	QPASAILSGSGRAQRK	1
PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	*	1.27	*	*	*	1	2	YQVVQTLDC[330]LRYWK	1

PLCG2_HUMAN (P16885) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-2) (Phospholipase C-gamma-2) (PLC-IV) [MASS=147936]	0.00	5.93	0.48	0.00	1	4	3	QIIEDNPLGSLC[330]RGILDINTYNNVVKAPQGK	1
							1	RNSISLR	1
							3	YYLTDNLTFSSYALIQHYRETHLR	1
							3	PDASAVYLRDFQR	4
PLXA2_HUMAN (O75051) Plexin-A2 precursor (Semaphorin receptor OCT) [MASS=212654]	0.00	2.30	0.75	0.00	1	2	2	C[339]SNPQITEILTVSGPPEGGTR	1
							3	DWTFNHLTVHQGTGAVYVGAINR	1
PLXB2_HUMAN (O15031) Plexin-B2 precursor (MM1) [MASS=205098]	0.00	1.20	0.54	0.00	1	2	2	SDC[330]SLC[330]RAANPDYR	1
							3	TLLARMC[339]R	1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	*	1.56	*	*	*	2	1	AGALEIQRR	1
							3	DLDTEKYFHLVLPTDELAEPK	1
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	*	4.55	*	*	*	1	2	GKQSLETIC[339]LLLAYK	1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	1.00	6.71	1.20	0.00	1	1	1	KITIADC[339]GQLE	1
PPWD1_HUMAN (Q96BP3) Peptidylprolyl isomerase domain and WD repeat-containing protein 1 (EC 5.2.1.8) [MASS=73574]	*	2.32	*	*	*	1	2	WVGPLPVEATLAKKR	1
PRD11_HUMAN (Q9NQV5) PR domain-containing protein 11 [MASS=57033]	*	4.17	*	*	*	1	3	M[147]LKMAEPIASLM[147]IVEC[339]RAC[339]LR	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	0.99	9.77	1.20	0.00	1	1	2	YLVLFYPLDFTFVC[339]PTEIVAFSDK	1

PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026]	1.00	7.48	1.44	0.00	2	1	2	GVLFQVPGAFTPGC[339]SK	1
							2	GVLFQVPGAFTPGC[330]SK	1
PREX1_HUMAN (Q8TCU6) Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (P-Rex1 protein) [MASS=186203]	0.00	3.32	1.19	0.08	2	3	3	KWLEQVAATGVLLHC[339]QSLLSPATVK	1
							2	C[330]IMQATDIMR	1
							2	DAYVMIAEKGEKLYHMM[147]MNM	1
PRIC1_HUMAN (Q96MT3) Prickle-like protein 1 (REST/NRSF-interacting LIM domain protein 1) [MASS=94300]	0.00	2.65	0.94	0.00	1	1	2	TC[330]SLGEDVHASDSSDSAFQSAR	1
PSL2_HUMAN (Q8TCT8) Signal peptide peptidase-like 2A (EC 3.4.23.-) (Protein SPP-like 2A) (Protein SPPL2a) (Intramembrane protease 3) (IMP3) (Presenilin-like protein 2) [MASS=58143]	0.00	4.42	0.43	0.00	1	1	3	KGQPALLYLVPC[330]TLITASVVAWR	1
PTPS_HUMAN (Q03393) 6-pyruvoyl tetrahydrobiopterin synthase (EC 4.2.3.12) (PTPS) (PTP synthase) [MASS=16386]	0.00	8.28	1.38	0.00	1	1	2	C[339]NNPNGHGHNYK	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	0.00	2.02	0.25	0.00	2	2	3	RIVLVDDREC[330]PVR	2
							2	FC[330]DNSSAIQGKEVR	1
PYC_HUMAN (P11498) Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) [MASS=129633]	0.98	0.76	1.43	0.00	1	1	1	AGTHILC[339]IK	1
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	0.97	2.74	1.10	0.00	1	1	1	ALIHSAC[330]VK	1

RB3GP_HUMAN (Q15042) Rab3 GTPase-activating protein catalytic subunit (RAB3 GTPase-activating protein 130 kDa subunit) (Rab3-GAP p130) (Rab3-GAP) [MASS=110392]	0.84	3.88	1.03	0.00	1	2	3 2	KAENPQC[339]LLGDFVTEFFKIC[339]R AENPQC[330]LLGDFVTEFFK	1 1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	0.00	1.38	0.06	0.00	1	1	2	DQKLLEMENIM[147]HSQNC[330]EIKELK	1
RBP22_HUMAN (Q53T03) Ran-binding protein 2-like 2 (RanBP2L2) [MASS=198922]	*	1.13	*	*	*	1	2	FDESTTGSNFSFKSALSLSK	1
RBPSL_HUMAN (Q9UBG7) Recombining binding protein suppressor of hairless-like protein (Transcription factor RBP-L) [MASS=56594]	0.00	2.91	0.53	0.00	1	1	3	EFGC[330]AKTLYISDADK	1
RDH1_HUMAN (Q92781) 11-cis retinol dehydrogenase (EC 1.1.1.105) (11-cis RDH) [MASS=34979]	0.00	7.55	1.62	0.00	1	1	2	GRVINITSVLGRLAANGGGYC[339]VSK	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	*	0.95	*	*	*	1	2	LKEGGYR	1
REXO1_HUMAN (Q8N1G1) RNA exonuclease 1 homolog (EC 3.1.-.-) (Elongin A-binding protein 1) (EloA-BP1) (Transcription elongation factor B polypeptide 3-binding protein 1) [MASS=131529]	*	0.57	*	*	*	1	2	PKDSSC[339]R	3
RFC4_HUMAN (P35249) Replication factor C subunit 4 (Replication factor C 37 kDa subunit) (RF-C 37 kDa subunit) (RFC37) (Activator 1 37 kDa subunit) (A1 37 kDa subunit) [MASS=39681]	0.00	7.71	0.50	0.00	1	2	2 2	IDGVFAAC[330]QSGSFDK IIEPLTSRC[339]SKFR	1 1
RFC5_HUMAN (P40937) Replication factor C subunit 5 (Replication factor C 36 kDa subunit) (RF-C 36 kDa subunit) (RFC36) (Activator 1 36 kDa subunit) (A1 36 kDa subunit) [MASS=38496]	0.00	5.59	*	*	*	1	2	LVILDEADAM[147]TQDAQNALR	1
RGS12_HUMAN (O14924) Regulator of G-protein signaling 12 (RGS12) [MASS=156356]	0.00	2.21	0.29	0.00	1	1	3	AERVVEEMQSGGIFNMIFENPSLC[330]ASNSEPLK	1

RGS19_HUMAN (P49795) Regulator of G-protein signaling 19 (RGS19) (G-alpha-interacting protein) (GAIP protein) [MASS=24636]	*	10.14	*	*	*	1	3	MQEPSAHTFDDAQLQIYTLM[147]HR	1
RHOA_HUMAN (P61586) Transforming protein RhoA precursor (H12) [MASS=21768]	0.98	7.25	1.09	0.00	1	1	2	HFC[339]PNVPPIILVGNK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.99	7.14	0.93	0.00	1	1	2	HFC[339]PNVPPIILVANK	1
RIB1_HUMAN (P04843) Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precursor (EC 2.4.1.119) (Ribophorin I) (RPN-I) [MASS=68569]	0.00	8.90	*	*	*	2	3 2	MEAPAAGLFLLLLLGTWAPAPGSASSEAPPLINEDVK VSEM[147]QKLDAQVKELVLK	1 1
RIPK5_HUMAN (Q6XUX3) Receptor-interacting serine/threonine-protein kinase 5 (EC 2.7.11.1) (Dusty protein kinase) (Dusty PK) (RIP-homologous kinase) [MASS=105258]	*	2.91	*	*	*	1	2	DLYTGLKAGLTLETRLQIALDVVEGIR	1
RL10A_HUMAN (P62906) 60S ribosomal protein L10a (CSA-19) [MASS=24700]	0.00	7.41	0.34	0.00	1	1	3	FSVC[330]VLGDQQHC[330]DEAK	1
RNPB6_HUMAN (O60518) Ran-binding protein 6 (RanBP6) [MASS=124713]	*	0.72	*	*	*	1	2	LETHASM[147]R	2
RNF31_HUMAN (Q96EP0) RING finger protein 31 (Zinc in-between-RING-finger ubiquitin-associated domain protein) [MASS=119651]	0.00	2.33	1.95	0.00	1	1	3	RM[147]NDPEYQAQGLAM[147]YLBQENGIDC[330]PK	1
RNF37_HUMAN (O94941) RING finger protein 37 (Ubiquitin-conjugating enzyme 7-interacting protein 5) (U-box domain-containing protein 5) [MASS=58965]	0.00	9.24	1.11	0.00	1	2	3 2	LAEIIQDVPEEFLDPITLEIMPC[339]PM[147]LLPSGK LTRGQLQHLGTRGSNTSWR	1 1
RORA_HUMAN (P35398) Nuclear receptor ROR-alpha (Nuclear receptor RZR-alpha) [MASS=63035]	0.00	5.04	1.07	0.00	1	1	3	RIDGFM[147]ELC[339]QNDQIVLLKAGSLEVVFIR	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	6.04	*	*	*	4	3 3 2 3	AQM[147]EPGSAVGALC[330]AQSIGEPGTQM[147]TLK ETDVAKKTSHIC[339]FGM[147]K EVEPLLGR GEDLC[330]ANDSYVTIQNSELMMSGMDKGTLGSGSK	1 1 1 1
RPP29_HUMAN (O95707) Ribonuclease P protein subunit p29 (EC 3.1.26.5) (hPOP4) [MASS=25425]	*	7.27	*	*	*	1	2	STPRM[147]SPQAREDQLQR	1

RSMB_HUMAN (P14678) Small nuclear ribonucleoprotein-associated proteins B and B' (snRNP-B) (Sm protein B/B') (Sm-B/Sm-B') (SmB/SmB') [MASS=24610]	0.00	18.75	*	*	*	2	3 2	GAPPPGM[147]M[147]GPPPGMRPPMGPPMGIPPPGR AFDKHM[147]NLILC[339]DC[339]DEFR	1 1
RSMN_HUMAN (P63162) Small nuclear ribonucleoprotein-associated protein N (snRNP-N) (Sm protein N) (Sm-N) (SmN) (Sm-D) (Tissue-specific-splicing protein) [MASS=24614]	0.00	12.50	3.60	0.00	1	2	2 2	ATPPPGIMAPPPGMR PPPPGIRGPPPPGMR	1 2
RT32_HUMAN (Q9Y6G3) Mitochondrial 28S ribosomal protein S32 (S32mt) (MRP-S32) [MASS=16661]	0.00	14.08	0.73	0.00	1	1	3	TILKHLFPVQNGALYC[330]VC[330]HK	1
RTTEL1_HUMAN (Q9NZ71) Regulator of telomere elongation helicase 1 (EC 3.6.1.-) (Helicase-like protein NHL) [MASS=152373]	0.00	2.21	0.47	0.00	1	2	3 3	KIAERAQGELFPDR VIRHRQDYGAVFLC[330]DHR	2 1
RTN1_HUMAN (Q16799) Reticulon-1 (Neuroendocrine-specific protein) [MASS=83617]	0.00	1.80	0.63	0.00	1	1	2	YTDC[330]LQFYVNSTLK	1
RUNX1_HUMAN (Q01196) Runt-related transcription factor 1 (Core-binding factor, alpha 2 subunit) (CBF-alpha 2) (Acute myeloid leukemia 1 protein) (Oncogene AML-1) (Polyomavirus enhancer-binding protein 2 alpha B subunit) (PEBP2-alpha B) (PEA2-alpha B) (SL [MASS=48796])	*	7.73	*	*	*	1	3	VVALGDVPDGLVTVM[147]AGNDENYSAELRNATAAM[147]K	1
S10AB_HUMAN (P31949) Protein S100-A11 (S100 calcium-binding protein A11) (Protein S100C) (Calgizzarin) (MLN 70) [MASS=11740]	1.00	30.48	1.19	0.01	3	1	3 3 3	KLDTNSDGQLDFSEFLNLIGGLAMAC[330]HDSFLK KLDTNSDGQLDFSEFLNLIGGLAMAC[339]HDSFLK KLDTNSDGQLDFSEFLNLIGGLAM[147]AC[339]HDSFLK	1 1 1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	0.91	0.65	0.00	1	3	3 2 2	SIPPLFSGRESHKTSSK LGFEAGC[339]K SDHVAAC[330]LR	1 1 1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	6.82	1.29	0.01	2	2	3 2	THFFLNAGNLC[339]NLNYGEGPK IC[339]DGVQFGAGIR	1 1
SAMH1_HUMAN (Q9Y3Z3) SAM domain and HD domain-containing protein 1 (Dendritic cell-derived IFNG-induced protein) (DCIP) (Monocyte protein 5) (MOP-5) [MASS=72200]	*	2.24	*	*	*	1	2	EVASAKPKVLLDVK	1

SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	11.45	1.14	0.02	7	3	1 GC[339]SFLPDPYQK 3 QC[339]DQFVAEYEPVLIEILVEVM[147]DPSFVC[339]LK	1 2
SAR1A_HUMAN (Q9NR31) GTP-binding protein SAR1a (COPII-associated small GTPase) [MASS=22367]	*	9.09	*	*	*	1	2 EIFGLYGQTTGKGNVTLK	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	*	5.83	*	*	*	1	3 FFNSLNEATMVLVSWIMWYVPVGIMFLVGSK	1
SCNND_HUMAN (P51172) Amiloride-sensitive sodium channel subunit delta (Epithelial Na+ channel subunit delta) (Delta ENaC) (Nonvoltage-gated sodium channel 1 subunit delta) (SCNED) (Delta NaCH) [MASS=70274]	*	1.41	*	*	*	1	1 AALSATVPR	1
SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	9.04	1.11	0.10	5	3	3 DIPDGATVLVGGFGLC[339]GIPENLIDALLK 2 STGC[339]DFAVSPK 2 C[330]TLPLTGK 1 C[330]TLPLTGK 2 DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1 1 1 1 1
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	*	4.83	*	*	*	1	2 DSLEKQEEESITVQTM[147]M[147]NTLR	1
SEM3A_HUMAN (Q14563) Semaphorin-3A precursor (Semaphorin III) (Sema III) [MASS=88889]	0.00	3.37	0.97	0.00	1	2	2 GSAVC[339]M[147]YSM[147]SDVR 2 DPYC[330]AWDGSAC[330]SR	1 1
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	0.00	1.54	0.08	0.00	1	1	3 IPYPRPGTC[330]PSK	1
SEPT5_HUMAN (Q99719) Septin-5 (Peanut-like protein 1) (Cell division control-related protein 1) (CDCrel-1) [MASS=42777]	0.95	2.71	0.97	0.00	1	1	2 AHC[339]IQQM[147]TSK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	1.00	3.20	0.93	0.04	2	1	2 ADTLTPEEC[330]QQFKK 2 ADTLTPEEC[339]QQFKK	1 1

SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	0.88	3.01	1.26	0.00	1	1	2	NAGNC[330]LSPAVIVGLLK	1
SES1_HUMAN (Q9Y6P5) Sestrin-1 (p53-regulated protein PA26) [MASS=56557]	0.00	4.47	0.30	0.00	1	1	3	LAAAANEAYTAPLAVSGLLG[C330]K	1
SETB2_HUMAN (Q96T68) Probable histone-lysine N-methyltransferase, H3 lysine-9 specific (EC 2.1.1.43) (Histone H3-K9 methyltransferase) (H3-K9-HMTase) (SET domain bifurcated 2) (Chronic lymphocytic leukemia deletion region gene 8 protein) [MASS=81854]	0.00	3.48	1.37	0.00	1	2	3 2	C[330]HFQRRHAK SRC[339]NQATTLDNQNIKK	1 1
SFR15_HUMAN (O95104) Splicing factor, arginine/serine-rich 15 (CTD-binding SR-like protein RA4) [MASS=125868]	*	0.44	*	*	*	1	1	RHSPR	1
SFRP4_HUMAN (Q6FHJ7) Secreted frizzled-related protein 4 precursor (sFRP-4) (Frizzled protein, human endometrium) (FrpHE) [MASS=39827]	*	3.76	*	*	*	1	3	WIDITPDM[147]MVQER	1
SFXN1_HUMAN (Q9H9B4) Sideroflexin-1 (Tricarboxylate carrier protein) (TCC) [MASS=35488]	0.98	14.02	*	*	*	2	2 3	FVPFAAVAAANC[330]INIPLM[147]R MILIGRMSAQVPMNMTITGC[339]M[147]MTFYR	1 1
SFXN3_HUMAN	0.98	7.79	1.14	0.00	1	1	2	IC[339]M[147]AIPAM[147]AIPPLIM[147]DTLEKKDFLK	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Srp-alpha-1) (Srp-alpha-2) (Srp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	0.00	6.56	1.00	0.00	1	2	3 3	ATPQHTVSFTC[339]ESHGFSPR AKPSAPVVSGPAAR	1 1
SIA4C_HUMAN (Q11206) CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase (EC 2.4.99.-) (Beta-galactoside alpha-2,3-sialyltransferase) (Alpha 2,3-sialyltransferase IV) (Alpha 2,3-ST) (GalNAc6S) (STZ) (SIAT4-C) (ST3Gal III) (SAT-3) (ST- [MASS=38045]	*	5.41	*	*	*	1	2	SM[147]AGSGHNVSQEALAIKR	1
SIAL_HUMAN (P21815) Bone sialoprotein-2 precursor (Bone sialoprotein II) (BSP II) (Cell-binding sialoprotein) (Integrin-binding sialoprotein) [MASS=35018]	*	7.57	*	*	*	1	3	MKTALILLSILGMAC[330]AFSM[147]KNLHR	1

SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.33	4.77	1.08	0.00	1	1	3	ATPEHTVSFTC[339]ESHGFSR	1
SIRT7_HUMAN (Q9NRC8) NAD-dependent deacetylase sirtuin-7 (EC 3.5.1.-) (SIR2-like protein 7) [MASS=44898]	*	4.00	*	*	*	1	3	GAPLSSAPILGGWFGR	1
SLIK4_HUMAN (Q8IW52) SLIT and NTRK-like protein 4 precursor [MASS=94330]	0.00	2.27	0.34	0.00	1	1	2	ELKC[330]ETPVQFANIELKSLK	1
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	*	1.64	*	*	*	1	3	KFTC[330]QGPVDVNILAKC[330]NPC[330]LSNPC[339]K	1
SMAD6_HUMAN (O43541) Mothers against decapentaplegic homolog 6 (SMAD 6) (Mothers against DPP homolog 6) (Smad6) (hSMAD6) [MASS=53496]	*	1.21	*	*	*	1	1	RSGLVR	1
SMBT1_HUMAN (Q9UJH3) Scm-like with four MBT domains protein 1 (Renal ubiquitous protein 1) [MASS=98141]	0.00	4.39	0.77	0.00	1	2	2 2	ELQLDKDSVWHGC[330]GEVLK RSFVC[330]HADSPGIFPVQWSLK	1 1
SMBT2_HUMAN (Q5VUG0) Scm-like with four MBT domains protein 2 [MASS=100562]	*	2.01	*	*	*	1	2	KIAVVQPEKQLPPTVPVK	1

SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]

0.00 0.61 17.56 0.00 1 1

SMG1_HUMAN (Q96Q15) Serine/threonine-protein kinase SMG1 (EC 2.7.11.1) (SMG-1) (hSMG-1) (Lambda/iota protein kinase C-interacting protein) (Lambda-interacting protein) (61E3.4) [MASS=410259]

* 0.77 * * * 2

2 GIIPQLFSR

4

2 DEEAALADGEDVPYENSVR

1

SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]

* 2.58 * * * 2

3 FIVKDSVEENM[147]LK

1

2 VNNVNGNQVGHLK

1

SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]

0.30 1.72 0.18 0.88 3 2

1 PVSFR

1

2 AGGALC[330]HILGAAYK

3

SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	*	3.48	*	*	*	1	3	LSGC[330]QRDAESFLWAEHAVVGEIADGLAR	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	1.00	4.70	1.62	0.00	1	1	2	AALC[330]HFIVDELNAK	1
SNX13_HUMAN (Q9Y5W8) Sorting nexin-13 (RGS domain- and PHOX domain-containing protein) (RGS-PX1) [MASS=112188]	0.00	0.83	*	*	*	1	1	KVYELMLR	1
SNX22_HUMAN (Q96L94) Sorting nexin-22 [MASS=22068]	0.00	7.25	0.98	0.00	1	1	2	SHM[147]VFRVEVLC[339]SGR	1
SORCN_HUMAN (P30626) Sorcin (22 kDa protein) (CP-22) (V19) [MASS=21676]	0.99	10.10	0.74	0.00	1	1	3	C[330]LTQSGIAGGYKPFNLETC[330]R	1
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	*	6.68	*	*	*	3	3	DKEDPQEMPHSPLGSM[147]PEIR	1
							3	EYPNLVTIYRSFKR	1
							3	PKSDTVDFHC[330]SK	1
SPRE_HUMAN (P35270) Sepiapterin reductase (EC 1.1.1.153) (SPR) [MASS=28048]	0.00	18.39	1.08	0.00	1	2	3	LVDC[330]KVSAQKLLSLEK	1
							3	GFVDLSDSTQVNNYWALNLTSM[147]LC[330]LTSSVLK	1
SRA1_HUMAN (Q9HD15) Steroid receptor RNA activator 1 (Steroid receptor RNA activator protein) (SRAP) [MASS=25673]	*	9.32	*	*	*	1	3	RM[147]ALLVQELSSHRWDAADDIHR	1
SRPR_HUMAN (P08240) Signal recognition particle receptor subunit alpha (SR-alpha) (Docking protein alpha) (DP-alpha) [MASS=69811]	0.00	6.74	0.45	0.00	1	3	3	ISFWLLENGFSVLIAAC[330]DTFR	1
							1	PVRSMIETR	1
							1	SLNAKAVVAALM[147]K	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	0.92	3.74	1.34	0.00	1	2	1	AA YE AFC[339]R	1
							3	RVYGDIIHTPAK	1
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	7.74	0.93	0.11	3	3	2	YSTHLHLAEDC[339]M[147]K	1
							2	AAHVFFTDSC[330]PDALFNELVK	1
							1	LAEQIATLC[330]ATLK	1

SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	*	7.21	*	*	*	1	3	IIC[330]QGFTGKQGTfHSSQQALEYGTK	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	1.00	8.21	1.31	0.07	4	3	2 ILAC[339]DDLDEAAR	2	
							2 ILAC[330]DDLDEAAR	1	
							2 IC[339]NQVLVC[339]ER	1	
							3 GYVAKSPDEAYAIKK	1	
							2 MDHKTQHHR	1	
							1 VNPSSYSR	8	
SUHW4_HUMAN (Q6N043) Suppressor of hairy wing homolog 4 [MASS=109298]	*	1.74	*	*	*	2			
SURF4_HUMAN (O15260) Surfeit locus protein 4 [MASS=30394]	0.99	4.83	1.09	0.00	1	1	2 LC[330]LISTFLEDGIR	1	
SYA_HUMAN (P49588) Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	1.00	6.30	0.81	0.02	2	3	2 GSLVAPDRLR	1	
							2 NVGC[330]LQEALQLATSFAQLR	1	
							3 GGGKDVSAQATGKNVGC[330]LQEALQLATSFAQLR	1	
							2 NVGC[339]LQEALQLATSFAQLR	1	
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.96	3.16	1.49	0.00	1	2	2 FIPGSALNGM[147]VEMMDRR	1	
							2 SC[339]QTALVEILDVIVR	1	
SYN1_HUMAN (P17600) Synapsin-1 (Synapsin I) (Brain protein 4.1) [MASS=74111]	0.00	4.96	*	*	*	2	3 QSRPVAGGPGAPPAARPPASPPQR	1	
							2 MGHASHGM[147]GK	1	
SYNE2_HUMAN (Q8WXH0) Nesprin-2 (Nuclear envelope spectrin repeat protein 2) (Syne-2) (Synaptic nuclear envelope protein 2) (Nucleus and actin connecting element protein) (Protein NUANCE) [MASS=796379]	*	0.70	*	*	*	4	3 RIAEIEIVKEEFNEHLEVVDK	1	
							2 QVDSVLKHVKK	1	
							1 ELESYMM[147]R	1	
							1 GQAE LQM[147]K	1	

SYNJ1_HUMAN (O43426) Synaptojanin-1 (EC 3.1.3.36) (Synaptic inositol-1,4,5-trisphosphate 5-phosphatase 1) [MASS=173345]	*	1.59	*	*	*	2	2	PPPPRPVAPPTR	1
							2	RPPPPRPVAPPTR	1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	1.00	8.95	1.01	0.06	3	2	3	M[147]ATDPENIIKEM[147]PVC[330]R	1
							2	LHQVYFDAPTC[339]R	1
							1	LHQVYFDAPTC[339]R	1
							2	LHQVYFDAPTC[330]R	1
SYPM_HUMAN (Q7L3T8) Probable prolyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.15) (Proline--tRNA ligase) (ProRS) [MASS=53262]	*	2.95	*	*	*	1	2	RLLLSRVFQPQNLR	1
SYT14_HUMAN (Q8NB59) Synaptotagmin-14 (Synaptotagmin XIV) (SytXIV) [MASS=62288]	*	4.50	*	*	*	1	3	YSPLSAEYDGYSSSEASIDEGNC[330]IQR	1
T2R60_HUMAN (P59551) Taste receptor type 2 member 60 (T2R60) (T2R56) [MASS=36336]	*	2.83	*	*	*	1	2	ALLTSGFR	1
TACT_HUMAN (P40200) T-cell surface protein tactile precursor (CD96 antigen) [MASS=63887]	0.00	2.46	0.45	0.00	1	1	2	YC[339]AVYYIIQHFVK	1
TATD2_HUMAN (Q93075) TatD DNase domain-containing deoxyribonuclease 2 (EC 3.1.21.-) [MASS=85039]	0.00	5.26	1.29	0.00	1	3	2	QVPKSLC[339]QYAHPLALHTVR	1
							2	DQGSTMILK	1
							2	EPC[330]DVAPSSR	1
							2	SIQFVDWC[330]PTGFK	2
							2	YMAC[339]C[339]LLYR	1
							2	TIGGGDDSFTTFFC[330]ETGAGK	2
							2	YMAC[330]C[330]LLYR	1
							3	AYHEQLSVAEITNAC[330]FEPANQMVK	1
							2	SIQFVDWC[339]PTGFK	3
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	25.00	1.07	0.10	10	6	2	YM[147]AC[339]C[339]LLYR	2
							3	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
							2	YM[147]AC[330]C[330]LLYR	2
							2	RSIQFVDWC[339]PTGFK	1
							3	LSDQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
							2	TIGGGDDSFTTFFC[339]ETGAGK	1

TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	2.89	*	*	*	1	2	TIQFVDWC[330]PTGFK	1
							1	TIQFVDWC[339]PTGFK	1
							2	TIQFVDWC[339]PTGFK	1
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.14	0.06	9	1	3	LADQC[339]TGLQGFLVFHSFGGGTGSFTSLLM[147]ER	1
							2	LADQC[339]TGLQGFLVFHSFGGGTGSFTSLLM[147]ER	1
							3	LADQC[339]TGLQGFLVFHSFGGGTGSFTSLLMER	2
							3	LADQC[330]TGLQGFLVFHSFGGGTGSFTSLLM[147]ER	2
TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	1.00	29.66	*	*	*	6	1	NMM[147]AAC[339]DPR	1
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
							2	NM[147]MAAC[339]DPR	1
							1	TAVC[330]DIPPR	1
							2	LTPPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
							2	NM[147]M[147]AAC[330]DPR	2
							3	ALTVPELTQQM[147]FDAKNM[147]MAAC[339]DPR	1
							2	TAVC[330]DIPPR	3
							3	LTPPTYGDLNHLVSATM[147]SGVTTC[339]LR	1
							2	LTPPTYGDLNHLVSATMSGVTTC[339]LR	1
							2	TAVC[339]DIPPR	5
							2	NM[147]M[147]AAC[339]DPR	1
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1

								2	EIVHIQAGQC[339]GNQIGAK	2
								2	EIVHIQAGQC[330]GNQIGAK	1
								2	M[147]REIVHIQAGQC[339]GNQIGAK	1
								3	EIVHIQAGQC[339]GNQIGAK	1
								3	M[147]REIVHIQAGQC[339]GNQIGAK	2
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	11.49	1.11	0.07	31	3		3	MREIVHIQAGQC[330]GNQIGAK	2
								3	M[147]REIVHIQAGQC[330]GNQIGAK	1
								3	MREIVHIQAGQC[339]GNQIGAK	2
								2	ALTVPILTQQVFDAK	1
TBB4_HUMAN	1.00	4.05	*	*	*	1		3	GRM[147]SMKEVDEQM[147]LSVQSK	1
TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	1.00	1.35	*	*	*	1		1	GPM[147]SM[147]K	1
TBC14_HUMAN (Q9P2M4) TBC1 domain family member 14 [MASS=76626]	0.35	3.10	1.51	0.00	1	1		2	AFQSAC[339]ALPSC[339]APPAPSSTER	1
TBCC_HUMAN (Q15814) Tubulin-specific chaperone C (Tubulin-folding cofactor C) (CFC) [MASS=39220]	*	5.78	*	*	*	1		3	M[147]ESVSC[339]SAAAVRTGDMESQR	1
TBX15_HUMAN (Q96SF7) T-box transcription factor TBX15 (T-box protein 15) [MASS=65757]	0.00	2.82	1.55	0.00	1	1		3	ESQLC[339]NLNLSDYPPC[339]AR	1
TCOF_HUMAN (Q13428) Treacle protein (Treacher Collins syndrome protein) [MASS=144311]	*	0.78	*	*	*	1		2	AEEDAALQAKK	1
TCPZ_HUMAN (P40227) T-complex protein 1 subunit zeta (TCP-1-zeta) (CCT-zeta) (CCT- zeta-1) (Tcp20) (HTR3) (Acute morphine dependence-related protein 2) [MASS=57893]	0.64	6.23	1.13	0.00	1	2		2	VC[339]GDSKGFVVINQK	1
								3	SVTLLIKGPNKHTLTQIK	1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	0.28	2.65	2.68	0.00	1	2		3	LQVYC[339]DMTTDGGGWIVFQR	1
								3	ITFTPSSGIASEVTPK	1
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin- containing protein) (VCP) [MASS=89190]	0.95	7.70	1.29	0.00	1	3		2	QAAPC[330]VLFFDELDSIAK	1
								3	EDEEESLNEVGYDDIGGC[339]RK	1
								3	DVDLEFLAKMTNGFSGADLTEIC[330]QR	1

TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	*	1.25	*	*	*	3	3	KDTEDRITWK	1
							1	MAHIR	2
							3	PGILGVNHTPILPAHSETC[330]K	1
TF2AY_HUMAN (Q9UNN4) TFIIA-alpha and beta-like factor (General transcription factor II A, 1-like factor) [MASS=52445]	0.00	2.72	0.25	0.00	1	1	3	NRM[147]YGC[330]DSVKQPR	1
TF3C4_HUMAN (Q9UKN8) General transcription factor 3C polypeptide 4 (EC 2.3.1.48) (Transcription factor IIIC subunit delta) (TF3C-delta) (TFIIIC 90 kDa subunit) (TFIIIC 90) [MASS=92001]	*	1.34	*	*	*	1	2	C[339]LLAALTMDNR	1
TGT_HUMAN (Q9BXR0) Queuine tRNA-ribosyltransferase (EC 2.4.2.29) (tRNA-guanine transglycosylase) (Guanine insertion enzyme) [MASS=42492]	0.00	3.36	6.55	0.00	1	1	3	GITTEQLDALGC[339]R	1
THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	0.00	2.81	4.94	0.00	1	1	2	IHMGC[339]AENTAK	1
THUM1_HUMAN (Q9NXG2) THUMP domain-containing protein 1 [MASS=39315]	0.00	7.93	0.63	0.00	1	2	1	LESADK	1
							3	KC[330]VEEAYSLLENYGDDM[147]YGPEK	1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	1.00	8.70	0.93	0.05	4	1	2	VTSLTAC[339]LVDQSLR	1
							2	VTSLTAC[330]LVDQSLR	3
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	0.00	2.14	0.85	0.00	1	2	2	C[330]YLASLQGGELPNPKR	1
							3	QHSYTSNGPTFM[147]ETASFK	1
TIF1G_HUMAN (Q9UPN9) Transcription intermediary factor 1-gamma (TIF1-gamma) (Tripartite motif-containing protein 33) (RET-fused gene 7 protein) (Rfg7 protein) [MASS=122520]	0.00	2.22	0.66	0.00	1	2	2	DIGKPEVEYDC[330]DNLQHSKK	1
							1	TLSFK	1
TIM13_HUMAN (Q9Y5L4) Mitochondrial import inner membrane translocase subunit Tim13 [MASS=10500]	*	16.84	*	*	*	1	3	MEGGFGSDFGSGSGK	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.87	17.98	1.01	0.00	1	1	3	LTETC[339]FLDC[339]VKDFTTR	1

TINAG_HUMAN (Q9UJW2) Tubulointerstitial nephritis antigen (TIN-Ag) [MASS=54646]	0.00	1.89	1.19	0.00	1	1	2	IYQC[330]SPPYR	1
TLN2_HUMAN (Q9Y4G6) Talin-2 [MASS=271553]	0.00	2.20	*	*	*	3	2	RVAGAVTELIQAAEAMK	1
							3	VPEAQTGQASDYGLFLSDEDPRK	1
							3	GAAANPENEDQQQLR	1
TNR16_HUMAN (P08138) Tumor necrosis factor receptor superfamily member 16 precursor (Low-affinity nerve growth factor receptor) (NGF receptor) (Gp80-LNGFR) (p75 ICD) (Low affinity neurotrophin receptor p75NTR) (CD271 antigen) [MASS=45183]	0.00	3.75	2.00	0.00	1	1	2	EAC[339]PTGLYTHSGEC[339]C[339]K	1
TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	0.99	6.74	1.07	0.00	1	3	1	EANVKLRANALIK	1
							3	SEM[147]EM[147]AHLYSLC[339]DAAHAQTEVAK	1
							1	RNSER	1
TOPB1_HUMAN (Q92547) DNA topoisomerase 2-binding protein 1 (DNA topoisomerase II-binding protein 1) (DNA topoisomerase IIbeta-binding protein 1) (TopBP1) [MASS=170677]	0.00	2.56	0.73	0.00	1	2	3	HGGQYMGQLKMNEC[330]THLIVQEPKGQK	1
							2	M[147]NEC[330]THLIVQEPK	1
TR19L_HUMAN (Q969Z4) Tumor necrosis factor receptor superfamily member 19L precursor (Receptor expressed in lymphoid tissues) [MASS=46092]	0.00	5.12	1.59	0.00	1	1	3	VPC[330]QPC[330]SWAPLGTHGC[330]DEWGRR	1
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	0.21	3.19	1.06	0.00	1	2	2	LQEFC[339]NSMAK	1
							2	LLGKTDVQR	2
TRI10_HUMAN (Q9UDY6) Tripartite motif-containing protein 10 (RING finger protein 9) (B30-RING finger protein) [MASS=55036]	0.00	6.24	0.20	0.00	1	1	3	EM[147]KM[147]FLEKLC[330]FELDYEPAHISLDPQTSHPK	1
TRI48_HUMAN (Q8IYWZ4) Tripartite motif-containing protein 48 (RING finger protein 101) [MASS=43408]	0.00	9.07	0.59	0.00	1	2	3	ASLWFLSSEEQMC[339]GIHRETK	1
							2	M[147]QSLWEKAC[339]ENQR	1
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	*	3.09	*	*	*	1	2	GRLPQLSAAIALVGGISQQLQER	1

TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	0.00	0.43	0.52	0.00	1	1	2	AEKYMSNVDSWC[330]K	1
TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	0.00	2.14	1.74	0.00	1	2	3 2	HRDFIAHTC[330]SQM[147]LLTDM[147]WM[147]GR RATIAISSQEGDNSER	1 1
TRPS1_HUMAN (Q9UHF7) Zinc finger transcription factor Trps1 (Zinc finger protein GC79) (Tricho-rhino-phalangeal syndrome type I protein) [MASS=141520]	*	3.75	*	*	*	2	3 3	SKTDLLVNDNPDPAPLSPELQDFK KDFSSKGAEDNMVTSYNC[330]QFC[339]DFR	1 1
TRRAP_HUMAN (Q9Y4A5) Transformation/transcription domain-associated protein (350/400 kDa PCAF-associated factor) (PAF350/400) (STAF40) (Tra1 homolog) [MASS=437584]	*	2.25	*	*	*	7	3 2 2 1	TFEQALTGAFMSAVIKDLR C[330]ATPLKDEER NYSIAQK NNSLHDM[147]K	1 1 1 2
TRYA1_HUMAN (P15157) Tryptase alpha-1 precursor (EC 3.4.21.59) (Tryptase-1) [MASS=30772]	0.00	4.36	0.19	0.00	1	1	3	VPIMENHIC[330]DAK	1
TRYG1_HUMAN (Q9NRR2) Tryptase gamma precursor (EC 3.4.21.-) (Transmembrane tryptase) [Contains: Tryptase gamma light chain; Tryptase gamma heavy chain] [MASS=33827]	0.00	6.23	4.81	0.00	1	1	2	MALGAC[339]GLLLLLAVPGVSLR	1
TS1R2_HUMAN (Q8TE23) Taste receptor type 1 member 2 precursor (G-protein coupled receptor 71) (Sweet taste receptor T1R2) [MASS=95072]	0.00	2.86	1.50	0.00	1	1	3	DIC[339]IAFQETLPTLQPNQNMTSEER	1
TSPY1_HUMAN (Q01534) Testis-specific Y-encoded protein 1 [MASS=35126]	0.00	9.42	0.81	0.00	1	1	3	HHNSSLNFFNWFS DHNFAGSNKIAEILC[330]K	1
TTC17_HUMAN (Q96AE7) Tetratricopeptide repeat protein 17 (TPR repeat protein 17) [MASS=129558]	0.00	4.29	1.56	0.00	1	3	2 3 2	C[339]PEC[339]ENSLK LIQEEQILRNIIHETQM[147]AKEAQLGNHQIC[330]R NISGALEAFR	1 1 1
TYPH_HUMAN (P19971) Thymidine phosphorylase precursor (EC 2.4.2.4) (TdRPase) (TP) (Platelet-derived endothelial cell growth factor) (PD-ECGF) (Gliostatin) [MASS=49955]	*	3.32	*	*	*	1	3	ELAKTLVGVGASLGLR	1

TYRO_HUMAN (P14679) Tyrosinase precursor (EC 1.14.18.1) (Monophenol monooxygenase) (Tumor rejection antigen AB) (SK29-AB) (LB24-AB) [MASS=60393]	0.00	2.27	0.46	0.00	1	1	2	FGFWGPNC[330]TERR	1
UBP33_HUMAN (Q8TEY7) Ubiquitin carboxyl-terminal hydrolase 33 (EC 3.1.2.15) (Ubiquitin thioesterase 33) (Ubiquitin-specific-processing protease 33) (Deubiquitinating enzyme 33) (VHL-interacting deubiquitinating enzyme 1) [MASS=106752]	0.00	3.18	1.89	0.00	1	1	3	QWLNKFKTFAEPGPISNNDFLC[339]IHGGVPPR	1
UBP4_HUMAN (Q13107) Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein homolog) [MASS=108564]	0.29	5.71	0.17	0.00	1	3	3	KSRPSSTSSASALYGQPLLLSVPK	1
							2	QM[147]WSGRDAHVAPSM[147]FK	1
							2	HKLTLESLYQAVC[330]DR	1
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	0.00	9.87	2.74	0.00	1	1	3	QTIGNSC[339]GTIGLIHAVANNQDK	1
UCP4_HUMAN (O95847) Mitochondrial uncoupling protein 4 (UCP 4) (Solute carrier family 25 member 27) [MASS=36064]	0.99	9.91	1.11	0.00	1	2	2	FLLSGC[330]AATVAELATFPLDLTK	1
							2	VQM[147]QM[147]EGKRK	1
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	37.36	0.95	0.16	9	3	2	LELC[330]DER	1
							2	SHTEEDC[339]TEELFDFLHAR	1
							2	LELC[339]DER	1
							3	SHTEEDC[339]TEELFDFLHAR	1
							2	ERLELC[330]DER	1
							2	ERLELC[339]DER	2
UGPA1_HUMAN (Q07131) UTP--glucose-1-phosphate uridylyltransferase 1 (EC 2.7.7.9) (UDP-glucose pyrophosphorylase 1) (UDPGP 1) (UGPase 1) [MASS=56818]	0.00	3.75	0.29	0.00	1	2	2	LNGGLGTSMGC[330]K	2
							1	KDLDGFR	1

ULK2_HUMAN (Q8IYT8) Serine/threonine-protein kinase ULK2 (EC 2.7.11.1) (Unc-51-like kinase 2) [MASS=112726]	0.00	3.19	5.47	0.00	1	3	3 1 1	EC[339]AHC[339]LLVQGSEQRAEQQSK HLGSSPR KLTEK	1 1 1
UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	11.25	1.20	0.05	4	3	3 2 2	NALVSHLDGTTTPVC[339]EDIGR NALVSHLDGTTTPVC[339]EDIGR LC[339]TSATESEVAR	1 1 2
							3	YIYDQC[330]PAVAGYGPIEQLPDYNR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	2.87	1.06	0.00	2	1	2 2	NALANPLYC[330]PDYR NALANPLYC[339]PDYR	1 1
URP1_HUMAN (Q9BQL6) Unc-112-related protein 1 (Kindlin-1) (Kindlerin) (Kindlin syndrome protein) [MASS=77436]	0.00	6.65	1.97	0.00	1	2	3 3	GKTM[147]ADSSYQPEVLNLSFLR NSASQVASSLENM[147]DM[147]NPEC[339]FVSPR	1 1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	0.90	4.38	1.17	0.00	1	2	3 1	YMRALDEYYDKHFTEFVPLR C[339]LGNPER	1 1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	0.00	6.04	*	*	*	2	3 3 2	IPIFSAAGLPHNEIAAQIC[339]R IPIFSAAGLPHNEIAAQIC[330]R VFNGSGKPIDK	1 1 1
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	2.35	0.93	0.07	3	1	2	KTSC[339]EFTGDILR	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	*	1.48	*	*	*	1	2	YMQKMGM[147]TEDDKR	1

							2	YQIDPDAC[339]FSAK	4
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	10.99	1.03	0.12	8	2	3	EHINLGC[330]DMDFDIAGPSIR	1
							2	EHINLGC[330]DM[147]DFDIAGPSIR	1
							2	YQIDPDAC[330]FSAK	1
							2	EHINLGC[339]DM[147]DFDIAGPSIR	1
							2	YKWC[330]EYGLTFTEK	1
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	12.39	1.06	0.17	7	3	2	SC[330]SGVEFSTSGSSNTDTGK	1
							2	WC[339]EYGLTFTEK	2
							2	WC[330]EYGLTFTEK	3
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.99	8.83	1.45	0.09	2	2	2	GYGFGMVKIDLKTK	1
							2	VC[339]NYGLTFTQK	2
VGLL2_HUMAN (Q8N8G2) Transcription cofactor vestigial-like protein 2 (Vgl-2) (Protein VITO1) [MASS=33426]	0.00	5.99	0.75	0.00	1	1	2	LATAPAPAGSPPC[330]ELSGK	1
VISL1_HUMAN (P62760) Visinin-like protein 1 (VILIP) (Hippocalcin-like protein 3) (HLP3) [MASS=22011]	0.94	5.26	1.14	0.00	1	1	2	GFLKDC[330]PSGR	1
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412]	0.95	3.35	0.86	0.00	1	1	3	SEEM[147]TLAQLFLQSEAAYC[330]C[330]VSELGELGK	1
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	0.00	3.91	2.08	0.00	1	5	3	AVVILVTDVSVDSVDAADAARSNRVTVFPIGIGDR	1
							3	QHSDPC[330]ALNPRM[147]TR	1
							3	PC[330]EDSC[330]RSGFTYVLHEGEC[330]C[339]GR	1
							3	LVSVPYVGGNMEVNVYGAIM[147]HEVR	1
							2	C[339]LPAC[339]EVVTGSPR	1
WDR19_HUMAN (Q8NEZ3) WD repeat protein 19 [MASS=151580]	*	1.56	*	*	*	1	2	DC[330]GAILENM[147]KQFSEAAQLYEK	1
WDR6_HUMAN (Q9NNW5) WD repeat protein 6 [MASS=121724]	0.00	1.34	0.96	0.00	1	1	2	C[330]ALGGQGLEVYNWYD	1

WISP3_HUMAN (O95389) WNT1-inducible signaling pathway protein 3 precursor (WISP-3) [MASS=39293]	*	3.95	*	*	*	1	3	KQFC[330]HWPC[339]KC[339]PQQK	1
WWC3_HUMAN (Q9ULE0) WWC family member 3 [MASS=114908]	0.00	3.69	0.87	0.00	1	2	3 2	RISAC[339]LSDYSLASDSGVFEPLTK RDLN[147]HSLAKLTDSFK	1 1
XDH_HUMAN (P47989) Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase (EC 1.17.1.4) (XD); Xanthine oxidase (EC 1.17.3.2) (XO) (Xanthine oxidoreductase)] [MASS=146292]	*	1.43	*	*	*	1	3	DGGC[339]C[339]GGDGNNPNC[330]C[339]M[147]NQK	1
XPP2_HUMAN (O43895) Xaa-Pro aminopeptidase 2 precursor (EC 3.4.11.9) (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase) [MASS=75624]	*	4.45	*	*	*	1	3	GEEQFSSGPSFETISASGLNAALAHYSPTK	1
YLPM1_HUMAN (P49750) YLP motif-containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	0.00	1.03	1.35	0.00	1	1	3	TKGFEVYLAEMSADNQTC[339]GK	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	*	2.82	*	*	*	2	3 3	AC[339]DKSFHFYC[339]RLK EM[147]IVKC[330]FEGEGGHSAFQRILGK	1 1
ZBTB8_HUMAN (Q8NAP8) Zinc finger and BTB domain-containing protein 8 [MASS=55562]	0.00	2.93	1.51	0.00	1	1	2	C[339]PFC[339]PYTAKQKGILK	1
ZFP14_HUMAN (Q9HCL3) Zinc finger protein 14 homolog (Zfp-14) [MASS=63463]	*	2.63	*	*	*	1	3	STLSQHLRIHTGEK	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	*	5.16	*	*	*	1	3	SYAGKQTDEC[330]NEFGKALLYLK	1
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	*	0.56	*	*	*	1	1	KDPQR	1
ZFYV1_HUMAN (Q9HBF4) Zinc finger FYVE domain-containing protein 1 (Double FYVE-containing protein 1) (Tandem FYVE fingers-1) (SR3) [MASS=87175]	*	1.16	*	*	*	1	3	QERLRNHER	2

ZFYV9_HUMAN (O95405) Zinc finger FYVE domain-containing protein 9 (Mothers against decapentaplegic homolog-interacting protein) (Madh-interacting protein) (Smad anchor for receptor activation) (Receptor activation anchor) (hSARA) (Novel serine protease) [MASS=156402]	0.00	3.93	0.85	0.00	1	2	3	DDGSIGRDPSPM[147]SAITSLTVDSVISSQGTDCG[330]PAVK	1
							3	GMHAVGQSEIVILLQC[339]LPDEK	1
ZMY11_HUMAN (Q15326) Zinc finger MYND domain-containing protein 11 (Adenovirus 5 E1A-binding protein) (BS69 protein) [MASS=66203]	0.00	6.23	0.15	0.00	1	3	2	QLSLAVKDGILIVETLTVGC[339]K	1
							2	C[330]LSDEFR	1
							2	EDNQVDVR	1
ZMYM3_HUMAN (Q14202) Zinc finger MYM-type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	0.47	0.73	0.19	0.00	1	1	2	RLVLSESC[330]SR	1
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	0.00	3.41	5.49	0.00	1	4	1	HMATHM[147]SMK	1
							3	LHTGVRPFAC[339]PHC[339]DK	1
							3	SRPEVITFTEEEETAQLAK	1
							3	VHSEVKNGPTYNC[330]TEC[330]SC[330]VFK	1
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	*	5.27	*	*	*	1	3	VHTGTRPYM[147]C[339]SEC[330]GKSFSQSC[330]HLIK	1
ZN263_HUMAN (O14978) Zinc finger protein 263 (Zinc finger protein FPM315) [MASS=77298]	*	3.37	*	*	*	1	3	IHTGEKPYTC[339]HEC[330]GDSFSHSSNR	1
ZN285_HUMAN (Q96NJ3) Zinc finger protein 285 [MASS=50042]	0.00	2.99	0.68	0.00	1	1	2	SLLC[330]IHQGVHTGK	1
ZN397_HUMAN (Q8NF99) Zinc finger protein 397 (Zinc finger and SCAN domain-containing protein 15) [MASS=61139]	0.00	1.69	1.17	0.00	1	1	2	IHTGEKAC[330]K	1
							2	IHTGEKAC[339]K	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	*	3.09	*	*	*	2	3	M[147]YNC[330]PKC[330]DYGTNPVEFR	1
							3	PYRC[339]PWC[330]DYRSNC[339]AENIR	1
							3	NFELVGRVNLQLEQM[147]K	1
							3	IVSLLSSHSHSSQK	3
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	0.00	3.05	1.08	0.00	1	3	2	C[330]ALC[330]AYTNPIR	1
ZN471_HUMAN (Q9BX82) Zinc finger protein 471 (EZFIT-related protein 1) [MASS=73009]	*	1.76	*	*	*	1	2	EPWEM[147]TSEMTR	1
ZN518_HUMAN (Q6AHZ1) Zinc finger protein 518 [MASS=166781]	*	0.81	*	*	*	1	3	MSAKILNFSC[339]LK	1

ZN540_HUMAN (Q8NDQ6) Zinc finger protein 540 [MASS=77093]	0.00	3.64	0.25	0.00	1	2	3	TIHTGIKPFAC[330]K	1
							3	EPC[339]VVARDTVGR	5
ZN577_HUMAN (Q9BSK1) Zinc finger protein 577 [MASS=54156]	*	3.35	*	*	*	1	3	DSDAFGGYGRSC[330]LHIK	1
ZN638_HUMAN (Q14966) Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrin-like protein) (Cutaneous T-cell lymphoma-associated antigen se33-1) (CTCL tumor antigen se33-1) [MASS=220623]	*	1.72	*	*	*	3	3	ISALQGKLSKLDYR	1
							1	QKHLEAADK	1
							2	KEKEQNEAEER	1
ZN690_HUMAN (Q8IWY8) Zinc finger protein 690 [MASS=96587]	*	2.47	*	*	*	2	2	EPGRPRSSVTVSVK	1
ZNF76_HUMAN (P36508) Zinc finger protein 76 [MASS=61830]	*	3.33	*	*	*	2	2	GNESDC[330]R	1
							3	VHERAHTGDRPYR	1
ZNT3_HUMAN (Q99726) Zinc transporter 3 (ZnT-3) (Solute carrier family 30 member 3) [MASS=41944]	0.00	6.96	0.30	0.00	1	1	1	AHTGDR	1
							3	AADPISTFLFSIC[330]ALGSTAPTLRDVLR	1

**Table 13. LAD Mitochondrial Study
Experiment 3**

A = Protein Score
B = Percent Coverage
C = XPress H2L Ratio
D = XPress Std. Dev.

E = XPress Peptides
F = Unique Peptides
G = Charge
H = Instances

Description	A	B	C	D	E	F	G	Peptide Sequence	H
1433F_HUMAN (Q04917) 14-3-3 protein eta (Protein AS1) [MASS=28087]	0.73	11.43	0.98	0.00	1	2	2	YDDMASAM[147]K	1
							2	ELETVC[330]NDVLSLLDKFLIK	1
1433T_HUMAN (P27348) 14-3-3 protein theta (14-3-3 protein tau) (14-3-3 protein T-cell) (HS1 protein) [MASS=27764]	1.00	14.69	0.77	0.08	3	2	2	YLAEVAC[330]GDDRK	1
							3	SIC[330]TTVLELLDKYLIANATNPESK	
							3	SIC[339]TTVLELLDKYLIANATNPESK	1
1433Z_HUMAN (P63104) 14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) [MASS=27745]	*	6.53	*	*	*	1	3	LAEQAERYDDM[147]AAC[339]M[147]K	1
2AAA_HUMAN (P30153) Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) (Medium tumor antigen-associated 61 kDa protein) [MASS=65092]	0.99	3.91	1.09	0.00	1	1	3	DNTIEHLLPLFLAQLKDEC[339]PEVR	1
5HT1F_HUMAN (P30939) 5-hydroxytryptamine 1F receptor (5-HT-1F) (Serotonin receptor 1F) [MASS=41709]	0.00	6.28	2.26	0.00	1	1	3	KAATTLGLILGAFVIC[339]WLPFFVK	1
5NT1B_HUMAN (Q96P26) Cytosolic 5'-nucleotidase 1B (EC 3.1.3.5) (Cytosolic 5'-nucleotidase IB) (cN1B) (cN-IB) (Autoimmune infertility-related protein) [MASS=68803]	*	1.64	*	*	*	1	3	DMAYC[330]DTQLR	1
5NTC_HUMAN (P49902) Cytosolic purine 5'-nucleotidase (EC 3.1.3.5) (5'-nucleotidase cytosolic II) [MASS=64969]	0.00	3.57	0.87	0.00	1	1	3	IKKVTHDMDMC[330]YGMMGSLFR	1

AATM_HUMAN (P00505) Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 2) [MASS=47475]	1.00	13.49	1.13	0.09	6	4	2	NLDKEYLPIGGLAEFC[339]K	1
							2	NLDKEYLPIGGLAEFC[330]K	1
							1	VGAFTM[147]VC[339]K	1
							3	NLDKEYLPIGGLAEFC[339]K	1
							2	TC[339]GFDFTGAVEDISK	1
							2	TC[330]GFDFTGAVEDISK	1
							2	HFIEQGINVC[339]LC[339]QSYAK	1
ABCB_B_HUMAN (O95342) Bile salt export pump (ATP-binding cassette sub-family B member 11) [MASS=146392]	*	1.21	*	*	*	1	3	KPIIDC[339]M[147]SEDGYKLDR	1
ACCN1_HUMAN (Q16515) Amiloride-sensitive cation channel 1, neuronal (Amiloride-sensitive brain sodium channel) (Amiloride-sensitive cation channel neuronal 1) (Acid-sensing ion channel 2) (ASIC2) (Brain sodium channel 1) (BNC1) (BNC1) (Mammalian degener [MASS=57709]	0.74	3.52	3.63	0.00	1	1	2	C[339]YMFNSGEDGKPLTTVK	1
ACON_HUMAN (Q99798) Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) [MASS=85425]	1.00	7.82	0.84	0.08	3	4	2	C[339]TTDHISAAGPWLK	1
							2	VGLIGSC[330]TNSSYEDM[147]GR	1
							2	C[330]TTDHISAAGPWLK	1
							3	WVVGIDENYGEGRSR	1
							3	GEFDPGQDTYQHPPK	1
ACPM_HUMAN (O14561) Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (Cl-SDAP) [MASS=17417]	1.00	21.79	1.45	0.13	3	2	3	LMC[330]PQEIVDYADKKDVYE	1
							3	LM[147]C[339]PQEIVDYADKK	1
							3	LM[147]C[330]PQEIVDYADKKDVYE	1
ACSL6_HUMAN (Q9UKU0) Long-chain-fatty-acid--CoA ligase 6 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 6) (LACS 6) [MASS=77680]	*	1.00	*	*	*	1	1	LLSDDM[147]K	1
ACTB_HUMAN (P60709) Actin, cytoplasmic 1 (Beta-actin) [MASS=41736]	1.00	10.93	0.82	0.10	3	3	2	C[339]DVIDRK	1
							3	C[330]PEALFQPSFLGMESC[330]GIHETTFNSIM[147]K	1
							2	C[330]DVIDR	1
ACTG_HUMAN	1.00	4.80	*	*	*	1	3	M[147]EEEEIAALVIDNGSGMC[339]K	1

ADPPT_HUMAN (Q9NRN7) L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (EC 2.7.8.-) (4'-phosphopantetheinyl transferase) (Alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase) (AASD-PPT) (LYS5 ortholog) [MASS=35776]	0.00	7.44	0.98	0.00	1	1	3	FC[339]LVPSM[147]EGVRWAFSC[339]GTWLPSR	1
							2	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
							2	KGADIM[147]YTGTVDC[339]WR	1
							2	EFHGLGDC[339]IIK	1
							1	EFHGLGDC[339]IIK	1
							2	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	3
ADT1_HUMAN (P12235) ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) (ADP,ATP carrier protein, heart/skeletal muscle isoform T1) [MASS=32933]	1.00	17.85	1.60	0.02	4	3			
							2	EFHGLGDC[330]IIK	1
							1	EFHGLGDC[330]IIK	1
							3	YFAGNLASGGAAGATSLC[339]FVYPLDFAR	2
							3	YFAGNLASGGAAGATSLC[330]FVYPLDFAR	2
ADT2_HUMAN (P05141) ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5) (ADP,ATP carrier protein, fibroblast isoform) [MASS=32764]	1.00	7.74	0.95	0.03	2	2	2	KGTDIM[147]YGTGLDC[330]WR	1
							2	GLGDC[330]LVK	1
ADT3_HUMAN (P12236) ADP/ATP translocase 3 (Adenine nucleotide translocator 2) (ANT 3) (ADP,ATP carrier protein 3) (Solute carrier family 25 member 6) (ADP,ATP carrier protein, isoform T2) [MASS=32735]	0.00	6.40	*	*	*	1	2	LLLQVQHASKQIAADKQYK	1
AFF2_HUMAN (P51816) AF4/FMR2 family member 2 (Fragile X mental retardation 2 protein) (Protein FMR-2) (FMR2P) (Protein Ox19) (Fragile X E mental retardation syndrome protein) [MASS=144739]	*	2.82	*	*	*	2	2	DSHNPSTVLASQASGQPNK	1
							2	DWDLEQQC[330]HYEQDRSALK	1

AFG32_HUMAN (Q9Y4W6) AFG3-like protein 2 (EC 3.4.24.-) (Paraplegin-like protein) [MASS=88483]	1.00	4.14	1.17	0.04	3	2	2	KNAPC[339]ILFIDEIDAVGR	1
							2	NAPC[339]ILFIDEIDAVGR	1
							2	NAPC[330]ILFIDEIDAVGR	1
AGRN_HUMAN (O00468) Agrin precursor [MASS=214888]	0.00	1.42	2.34	0.00	1	1	3	NLEEVEFC[339]VEDKPGTHFTPVPPTPPDAC[339]R	1
AK1C1_HUMAN (Q04828) Aldo-keto reductase family 1 member C1 (EC 1.1.1.-) (20-alpha-hydroxysteroid dehydrogenase) (EC 1.1.1.149) (20-alpha-HSD) (Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase) (EC 1.3.1.20) (High-affinity hepatic bile acid-binding protei [MASS=36788]	0.00	5.26	0.83	0.00	1	1	3	LWC[330]NSHRPELVRPALER	1
AKAP9_HUMAN (Q99996) A-kinase anchor protein 9 (Protein kinase A-anchoring protein 9) (PRKA9) (A-kinase anchor protein 450 kDa) (AKAP 450) (A-kinase anchor protein 350 kDa) (AKAP 350) (hgAKAP 350) (AKAP 120-like protein) (Protein hyperion) (Protein yotia [MASS=453664]	*	1.10	*	*	*	2	3	MKSSVFDEDKTFVAETLEM[147]GEVVEK	1
							3	MGGQPAFTDLEVITNRPK	1
AL7A1_HUMAN (P49419) Aldehyde dehydrogenase family 7 member A1 (EC 1.2.1.3) (Antiquitin-1) [MASS=55235]	0.24	1.76	1.42	0.00	1	1	2	STC[339]TINYSK	1
AL9A1_HUMAN (P49189) 4-trimethylaminobutyraldehyde dehydrogenase (EC 1.2.1.47) (TMABADH) (Aldehyde dehydrogenase 9A1) (EC 1.2.1.3) (Aldehyde dehydrogenase E3 isozyme) (Gamma-aminobutyraldehyde dehydrogenase) (EC 1.2.1.19) (R-aminobutyraldehyde dehydrogen [MASS=53802]	0.00	4.66	0.57	0.00	1	1	3	REPLGVC[330]VGIGAWNYPFQIASWK	1
ALBU_HUMAN (P02768) Serum albumin precursor [MASS=69366]	0.98	2.79	0.99	0.00	1	1	2	SLHTLFGDKLC[330]TVATLR	1
ALDH2_HUMAN (P05091) Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (ALDH1) (ALDH-E2) [MASS=56381]	1.00	13.35	1.05	0.00	2	3	3	TFPTVNPSTGEVIC[339]QVAEGDKEDVDK	1
							3	GYFIQPTVFQDVQDGMTIAKEEIFGPVM[147]QILK	1
							2	LLC[330]GGGIAADR	1
							2	LLC[339]GGGIAADR	1

ALDOA_HUMAN (P04075) Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Lung cancer antigen NY-LU-1) [MASS=39289]	0.99	11.85	1.25	0.00	1	2	3	RLQSIGTENTEENRR	1
							3	YASIC[339]QQNGIVPIVEPEILPDGDHDLKR	1
AN30A_HUMAN (Q9BXX3) Ankyrin repeat domain-containing protein 30A (NY-BR-1 antigen) [MASS=152673]	*	0.37	*	*	*	1	1	MEQM[147]K	1
ANGL1_HUMAN (O95841) Angiopoietin-related protein 1 precursor (Angiopoietin-like 1) (Angiopoietin-3) (ANG-3) [MASS=56719]	0.31	2.24	0.69	0.00	1	1	2	C[330]AYTFLVPEQR	1
ANK1_HUMAN (P16157) Ankyrin-1 (Erythrocyte ankyrin) (Ankyrin-R) [MASS=206144]	*	1.01	*	*	*	2	1	EIILETTTK	1
							2	EPGGSLSFLR	1
ANK2_HUMAN (Q01484) Ankyrin-2 (Brain ankyrin) (Ankyrin-B) (Ankyrin, nonerythroid) [MASS=430341]	*	1.86	*	*	*	4	3	PEDLKELGDDSLPSSQFLDGMNYLR	1
							2	MFDELEQEAKQK	1
							2	ELMKAFQSGQDPSKHK	1
							3	HSPVSSTKTERHPPVSPSGK	1
ANK3_HUMAN (Q12955) Ankyrin-3 (ANK-3) (Ankyrin-G) [MASS=480400]	*	2.24	*	*	*	4	3	STSLKQTTVEETAVEREM[147]PNDVSK	1
							2	STC[330]VTTTTTTATTTTTTTTTTSC[339]TVKVRK	1
							2	DGKNATTDALTSVLTK	1
							3	VKEETHITTTTRM[147]VYHSPPGGEGASER	1
ANM3_HUMAN (O60678) Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) [MASS=59903]	0.00	5.65	0.93	0.00	1	2	3	IAFWDDVYGFKM[147]SC[330]M[147]KK	1
							2	SEHQFNIDSMVHK	1
ANR50_HUMAN (Q9ULJ7) Ankyrin repeat domain-containing protein 50 [MASS=149588]	*	2.69	*	*	*	2	2	LLVDGLGNTK	1
							3	SGLLQGYEDKLRLDPAVQSLLQPGEC[339]ER	1
ANXA6_HUMAN (P08133) Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) [MASS=75742]	*	3.12	*	*	*	2	1	YELTGK	1
							3	C[339]IRSTPEYFAERLFK	1
ANXA7_HUMAN (P20073) Annexin A7 (Annexin VII) (Synexin) [MASS=52739]	*	5.94	*	*	*	2	2	KAM[147]QGAGTQERVLIEILC[339]TR	1
							2	TSYGKDLIK	2

AOFA_HUMAN (P21397) Amine oxidase [flavin-containing] A (EC 1.4.3.4) (Monoamine oxidase type A) (MAO-A) [MASS=59681]	1.00	8.16	0.99	0.05	4	3	2	KIC[339]ELYAK	1
							3	LNHPVTHVDQSSDNIIEITLNHEHYEC[339]K	1
							2	KIC[330]ELYAK	1
							1	IC[339]ELYAK	1
							2	IC[339]ELYAK	1
AOFB_HUMAN (P27338) Amine oxidase [flavin-containing] B (EC 1.4.3.4) (Monoamine oxidase type B) (MAO-B) [MASS=58631]	0.90	7.32	1.35	0.00	1	2	3	SYPFGRGPFPPVWNPITYLDHNNFWRTMDDM[147]GR	1
							1	C[339]IVYYK	1
AP1B1_HUMAN (Q10567) AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta larg [MASS=104606]	*	1.58	*	*	*	1	2	GEIFELKAELNSDKK	1
AP2M1_HUMAN (Q96CW1) AP-2 complex subunit mu-1 (Adaptin mu-1) (AP-2 mu-2 chain) (Clathrin coat assembly protein AP50) (Clathrin coat-associated protein AP50) (Plasma membrane adaptor AP-2 50 kDa protein) (HA2 50 kDa subunit) (Clathrin assembly protein co [MASS=49654]	0.22	3.45	0.68	0.00	1	1	2	QSIAIDDC[339]TFHQ[C[339]VR	1
APC_HUMAN (P25054) Adenomatous polyposis coli protein (Protein APC) [MASS=311644]	*	1.90	*	*	*	4	2	DNQAKQNVGNGSVPM[147]RTVGLENR	1
							1	REVPKNK	1
							2	NPKDQEALWDMGAVSMLK	1
							1	SESASK	1
APOD_HUMAN (P05090) Apolipoprotein D precursor (Apo-D) (ApoD) [MASS=21275]	0.89	6.35	0.82	0.00	1	1	2	KM[147]TVTDQVNC[330]PK	1
AQP9_HUMAN (O43315) Aquaporin-9 (AQP-9) (Small solute channel 1) [MASS=31401]	*	12.20	*	*	*	1	3	NLGAPRGLEPIAIGLLIIVIASLGLNSGC[339]AM[147]NPAR	1
AR6P1_HUMAN (Q15041) ARL-6-interacting protein 1 (ADP-ribosylation-like factor 6-interacting protein 1) (Aip-1) [MASS=23363]	0.95	4.93	0.63	0.00	1	1	2	FHEIC[339]SNLVK	1
ARBK1_HUMAN (P25098) Beta-adrenergic receptor kinase 1 (EC 2.7.11.15) (Beta-ARK-1) (G-protein coupled receptor kinase 2) [MASS=79667]	0.00	6.10	3.55	0.00	1	3	1	C[330]LDKKR	1
							2	PRSPVVELSKVPLVQR	1
							3	KQVPPDLFQPYIEEIC[339]QNLR	1

ARHG2_HUMAN (Q92974) Rho/Rac guanine nucleotide exchange factor 2 (GEF-H1 protein) (Proliferating cell nucleolar antigen p40) [MASS=101173]	*	3.25	*	*	*	2	3 1	YTNGHLFTTISVSGMTMC[339]YAC[330]NK PAVLKR	1 1
ARHG4_HUMAN (Q9NR80) Rho guanine nucleotide exchange factor 4 (APC-stimulated guanine nucleotide exchange factor) (Asef) [MASS=75351]	0.29	5.02	0.79	0.00	1	2	3 2	KTIITSPESLNLPR MIDISLDGFLFTPQKIC[330]K	1 1
ARI4A_HUMAN (P29374) AT-rich interactive domain-containing protein 4A (ARID domain-containing protein 4A) (Retinoblastoma-binding protein 1) (RBBP-1) [MASS=142666]	0.00	3.26	2.67	0.00	1	3	2 3 3	GPLRVGAIVETR LVYHQGGC[339]DNIDSGAVWK TSDC[339]IGSEGM[147]K	1 1 1
ARID2_HUMAN (Q68CP9) AT-rich interactive domain-containing protein 2 (ARID domain-containing protein 2) (BRG1-associated factor 200) (BAF200) [MASS=197390]	0.00	2.62	1.57	0.00	1	3	1 3 2	APPDER SIDM[147]LVC[330]LVSMDIQMFGPDALAAVK QSYGLSMDFNPNNDYNK	1 1 1
ARSE_HUMAN (P51690) Arylsulfatase E precursor (EC 3.1.6.-) (ASE) [MASS=65668]	0.00	2.55	9.63	0.00	1	1	3	LTQHISAASLC[339]TPSR	1
ASCC1_HUMAN (Q8N9N2) Activating signal cointegrator 1 complex subunit 1 (ASC-1 complex subunit p50) (Trip4 complex subunit p50) [MASS=45509]	0.00	4.75	0.25	0.00	1	1	2	ITLDC[330]QNIYTWKSRHIVGK	1
ASPG_HUMAN (P20933) N(4)-(beta-N-acetylglucosaminy)-L-asparaginase precursor (EC 3.5.1.26) (Glycosylasparaginase) (Aspartylglucosaminidase) (N4-(N-acetyl-beta-glucosaminy)-L-asparagine amidase) (AGA) [Contains: Glycosylasparaginase alpha chain; Glycosy [MASS=37194]	*	5.78	*	*	*	1	3	TGHIAAGTSTNGIKFKIHGR	1
AT10B_HUMAN (O94823) Probable phospholipid-transporting ATPase VB (EC 3.6.3.1) [MASS=165390]	*	2.81	*	*	*	3	2 1 2	C[330]WKDVRVGDIFIQMK HRFDK QRSMGHRRESSQPPVAFSSSIEK	1 1 1
AT10D_HUMAN (Q9P241) Probable phospholipid-transporting ATPase VD (EC 3.6.3.1) (ATPVD) [MASS=160319]	*	1.33	*	*	*	1	2	RMSVVVRHPLSNQVVVYTK	1

AT12A_HUMAN (P54707) Potassium-transporting ATPase alpha chain 2 (EC 3.6.3.10) (Proton pump) (Non-gastric H(+)/K(+) ATPase subunit alpha) [MASS=115898]	0.00	0.86	*	*	*	1	2	LIIVEGC[339]QR	1
AT1A1_HUMAN (P05023) Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na+/K+ ATPase 1) [MASS=112895]	1.00	4.59	0.88	0.07	3	3	2	C[339]SSILLHGK	1
							2	AC[330]VVHGSDLK	1
							3	MTVAHM[147]WFDNQIHEADTTENQSGVSFDK	1
							2	AC[339]VVHGSDLK	1
							1	C[330]SSILLHGK	1
AT1A2_HUMAN (P50993) Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na+/K+ ATPase 2) [MASS=112265]	1.00	1.27	0.78	0.00	1	1	1	VLGFC[330]QLNLPSGK	1
							2	KYNTDC[330]VQGLTHSK	1
							2	VLGFC[339]HYYPPEEQFPK	1
							2	NITFFSTNC[330]VEGTAR	1
							1	IISAHGC[339]K	1
AT1A3_HUMAN (P13637) Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III)) [MASS=111734]	1.00	9.18	0.93	0.08	9	7	1	IISAHGC[330]K	1
							1	IISAHGC[330]K	1
							2	VLGFC[330]HYYPPEEQFPK	1
							3	SSHTWVALSHIAGLC[330]NR	1
							2	C[339]IELSSGSVK	1
AT1A4_HUMAN (Q13733) Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na+/K+ ATPase 4) [MASS=114166]	0.00	3.98	*	*	*	2	2	SPDC[339]THDNPLETR	1
							3	RNSLFQQGM[147]RNK	1
							3	DNLYLSIVLSVVIVTGC[339]FSYYQEAKSSK	1
							1	EGKPC[330]IIIK	1
							2	YNPNVLPVQC[330]TGK	1
AT1B1_HUMAN (P05026) Sodium/potassium-transporting ATPase subunit beta-1 (Sodium/potassium-dependent ATPase beta-1 subunit) [MASS=35061]	1.00	7.26	1.25	0.00	2	2	2	YNPNVLPVQC[339]TGK	1
AT1B2_HUMAN (P14415) Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) [MASS=33326]	0.00	2.76	0.87	0.00	1	1	2	NDVC[339]RPGR	1

AT2A2_HUMAN (P16615) Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium- transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum cla [MASS=114756]	1.00	2.69	1.01	0.03	2	2	2	NYLEPGKEC[330]VQPATK	1
							2	VSFYQLSHFLQC[339]K	1
AT2A3_HUMAN (Q93084) Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) [MASS=113977]	*	1.05	*	*	*	1	2	EYEPEM[147]GKVIR	2
AT2B1_HUMAN (P20020) Plasma membrane calcium-transporting ATPase 1 (EC 3.6.3.8) (PMCA1) (Plasma membrane calcium pump isoform 1) (Plasma membrane calcium ATPase isoform 1) [MASS=138754]	0.00	1.43	*	*	*	1	2	HLDAC[330]ETM[147]GNATAIC[330]SDK	1
AT2B4_HUMAN (P23634) Plasma membrane calcium-transporting ATPase 4 (EC 3.6.3.8) (PMCA4) (Plasma membrane calcium pump isoform 4) (Plasma membrane calcium ATPase isoform 4) [MASS=137919]	1.00	1.61	1.12	0.01	2	1	3	TEC[339]ALLGFVTDLKQDYQAVR	1
AT5F1_HUMAN (P24539) ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14) [MASS=28908]	0.87	8.98	1.00	0.00	1	2	2	VRYGLIPEEFFQFLYPK	1
							1	C[339]IADLK	3
ATAD2_HUMAN (Q6PL18) ATPase family AAA domain-containing protein 2 [MASS=158553]	0.00	2.45	0.84	0.00	1	2	3	TSLIQKMEQEVENFSC[330]SR	1
							2	DIDLIC[339]SNALEYNPDR	1
ATG9A_HUMAN (Q7Z3C6) Autophagy-related protein 9A (APG9-like 1) [MASS=94466]	0.00	2.50	10.40	0.00	1	1	3	NFTVEVVGVGDTC[339]SFAQM[147]DVR	1
ATM_HUMAN (Q13315) Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated) (A-T, mutated) [MASS=350642]	0.00	1.60	1.50	0.00	2	3	2	ANSLM[147]QC[339]AGESITLFK	1
							3	ENLIELMADIC[339]HQVFNEDTR	1
							2	NLEDVVVPTM[147]EIK	1
ATP8_HUMAN (P03928) ATP synthase protein 8 (EC 3.6.3.14) (ATPase subunit 8) (A6L) [MASS=7992]	0.55	16.18	1.36	0.00	1	1	2	IC[330]SLHSLPPQS	1
							1	IC[330]SLHSLPPQS	1

								1	LYC[339]IYVAIGQK	1
								2	LYC[339]IYVAIGQK	2
ATPA_HUMAN (P25705) ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14) [MASS=59750]	1.00	7.78	1.05	0.07	9	4		2	KLYC[330]IYVAIGQK	1
								2	KKLYC[339]IYVAIGQK	2
								1	LYC[330]IYVAIGQK	1
								2	KKLYC[330]IYVAIGQK	1
								1	VAAAVVR	1
								2	LYC[330]IYVAIGQK	2
ATPG_HUMAN (P36542) ATP synthase gamma chain, mitochondrial precursor (EC 3.6.3.14) [MASS=32996]	1.00	4.03	1.20	0.01	4	1		2	GLC[339]GAIHSSIAK	2
								2	GLC[330]GAIHSSIAK	2
ATPO_HUMAN (P48047) ATP synthase O subunit, mitochondrial precursor (EC 3.6.3.14) (Oligomycin sensitivity conferral protein) (OSCP) [MASS=23277]	0.99	15.49	1.01	0.00	1	2		2	GEVPC[339]TVTSASPLEEATLSELK	1
								1	MAAPAVSGLSR	1
ATS14_HUMAN (Q8WXS8) ADAMTS-14 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 14) (ADAM-TS 14) (ADAM-TS14) [MASS=133871]	0.00	5.64	1.60	0.00	1	3		3	PC[339]LGPMFEYQVC[339]NSEEC[339]PGTYEDFR	1
								3	HSSHRLRVARSPLHPGGTLWPGR	1
								3	EVGSMKADDKC[339]GVC[339]GGDNSHC[330]R	1
ATS16_HUMAN (Q8TE57) ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) [MASS=136187]	*	3.10	*	*	*	3		3	PRM[147]HEAC[339]LLQRC[330]HK	1
								3	NEPC[330]DTLGFAPISGMC[339]SK	1
								1	C[330]SHLPK	1
ATS5_HUMAN (Q9UNA0) ADAMTS-5 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 5) (ADAM-TS 5) (ADAM-TS5) (Aggrecanase-2) (ADMP-2) (ADAM-TS 11) [MASS=101715]	0.00	2.80	0.53	0.00	1	2		2	LAVVKVVVLGDKDK	1
								2	GC[339]PLSQRPSAFK	1
ATS9_HUMAN (Q9P2N4) ADAMTS-9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 9) (ADAM-TS 9) (ADAM-TS9) [MASS=216556]	*	1.96	*	*	*	2		3	DENGVADESAC[330]ATLPR	1
								2	SPQHVM[147]APTLNFYTNPMMWSK	1

BAI1_HUMAN (O14514) Brain-specific angiogenesis inhibitor 1 precursor [MASS=173532]	*	1.20	*	*	*	1	3	SSFVGDGDIFKKLDSELSR	1
BAZ1A_HUMAN (Q9NRL2) Bromodomain adjacent to zinc finger domain protein 1A (ATP-utilizing chromatin assembly and remodeling factor 1) (hACF1) (ATP-dependent chromatin remodelling protein) (Williams syndrome transcription factor-related chromatin remodeli [MASS=178673]	0.00	0.84	0.69	0.00	1	1	2	LHEIC[330]DDIFAYVK	1
BAZ2A_HUMAN (Q9UIF9) Bromodomain adjacent to zinc finger domain 2A (Transcription termination factor I-interacting protein 5) (TTF-I-interacting protein 5) (Tip5) (hWALp3) [MASS=208360]	0.00	2.40	0.73	0.00	1	3	1 REHFSFSPR 2 C[330]FLM[147]AYGVEPALC[339]DRLR 3 EDLAYC[330]EHLSDSQEDITWR	1 1 1	
BCN1_HUMAN (Q14457) Beclin-1 (Coiled-coil myosin-like BCL2-interacting protein) (Protein GT197) [MASS=51896]	*	6.00	*	*	*	1	3	MMSTESANSFTLIGEASDGGTMENLSR	1
BCOR_HUMAN (Q6W2J9) BCoR protein (BCL-6 corepressor) [MASS=192187]	0.00	4.73	6.28	0.00	1	5	2 QRHLLHLR 3 PSFAAESVGQSAEPPKPSVEPALQQRDFIALR 3 C[339]VTTELYADSSQLSR 2 YSLNMYK 2 PLDLSSKVVVDVASKADHM[147]K	1 1 1 1 1	
BIG1_HUMAN (Q9Y6D6) Brefeldin A-inhibited guanine nucleotide-exchange protein 1 (Brefeldin A-inhibited GEP 1) (p200 ARF-GEP1) (p200 ARF guanine nucleotide exchange factor) [MASS=208708]	0.00	2.16	0.71	0.00	1	2	3 VGC[330]NPNEVDVAIFAVDSLRL 2 LSVSSNDTQESGNSSGSPSPGAK	1 1	
BIRC6_HUMAN (Q9NR09) Baculoviral IAP repeat-containing protein 6 (Ubiquitin-conjugating BIR-domain enzyme apollon) [MASS=527606]	0.00	1.64	3.81	0.00	1	5	3 KASTVHM[147]MLQPILTYM[147]AC[330]GYM[147]GR 3 WAMLEQIRNPSPC[330]FK 1 EVIHK 3 LQVHLSSTC[330]PQIFSEFLLK 2 IRLHTGLLLVQLC[339]GGER	1 1 1 1 1	
BKLH5_HUMAN (Q96NJ5) BTB and kelch domain-containing protein 5 [MASS=70352]	0.25	2.58	0.92	0.00	1	1	2	SDGILC[339]DITLIAEEQK	1

BMP1_HUMAN (P13497) Bone morphogenetic protein 1 precursor (EC 3.4.24.19) (BMP-1) (Procollagen C-proteinase) (PCP) (Mammalian tolloid protein) (mTld) [MASS=111248]	*	2.84	*	*	*	2	3 2	YTSTKFQDTLHSR DYGHIQSPNYPDDYR	1 1
BOC_HUMAN (Q9BWV1) Brother of CDO precursor (Protein BOC) [MASS=121059]	0.00	5.66	0.23	0.00	1	3	3 2 3	PGGTVILGC[330]VVEPPRM[147]NVTWR GQSLILEC[330]VASGIPPPR VYERPVAGPYITFTDAVNETTI MLK	1 1 1
BPAEB_HUMAN (Q8WXX8) Bullous pemphigoid antigen 1, isoform 7 (Bullous pemphigoid antigen) (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragment) [MASS=344987]	0.00	0.49	3.26	0.00	1	1	2	FC[339]GVNETENEDNTNR	1
BR44_HUMAN (O95563) Brain protein 44 [MASS=14279]	1.00	10.24	0.97	0.00	2	1	2 2	WGLVC[330]AGLADM[147]AR WGLVC[339]AGLADM[147]AR	1 1
BRCA2_HUMAN (P51587) Breast cancer type 2 susceptibility protein (Fanconi anemia group D1 protein) [MASS=384223]	*	1.23	*	*	*	2	3 2	KLSKPQSINTVSAHLQSSVVVSDC[330]K AFQPPRSC[339]GTKYETPIK	1 1
BRD1_HUMAN (O95696) Bromodomain-containing protein 1 (BR140-like protein) [MASS=119519]	0.00	3.78	6.70	0.00	1	3	1 3 2	AGLYM[147]K ISIFDPLEIILEDLTAQEMSEC[339]NSNK RHTLEDR	2 1 1
BSN_HUMAN (Q9UPA5) Bassoon protein (Zinc-finger protein 231) [MASS=416365]	*	1.02	*	*	*	2	2 3	VGSSMRPLLQAQGLAPSER VRPPM[147]RSQASEEESPV SPLGR	1 1
BTAF1_HUMAN (O14981) TATA-binding protein-associated factor 172 (EC 3.6.1.-) (ATP-dependent helicase BTAF1) (TBP-associated factor 172) (TAF-172) (TAF(II)170) (B-TFIID transcription factor-associated 170 kDa subunit) [MASS=206886]	*	2.60	*	*	*	3	1 3 2	HGAGTG L R AQIADLPAGSSGNILVELDEA Q K GSTSEKDG MHHTVTKHR	3 1 1
C1QBP_HUMAN (Q07021) Complement component 1 Q subcomponent-binding protein, mitochondrial precursor (Glycoprotein gC1qBP) (C1qBP) (GC1q-R protein) (Hyaluronan-binding protein 1) (Mitochondrial matrix protein p32) (p33) [MASS=31362]	0.94	9.57	1.55	0.00	1	1	3	ALVLDC[339]HYPEDEVGQEDEAESDIFSIR	1
C1QC_HUMAN (P02747) Complement C1q subcomponent subunit C precursor [MASS=25773]	0.00	4.08	0.61	0.00	1	1	2	VVTFC[330]GHTSK	1

C560_HUMAN (Q99643) Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integral membrane protein CII-3) (QPs1) (QPs-1) (Succinate dehydrogenase complex subunit C) (Succinate-ubiquinone oxidoreductase cytochrome B large subunit) (CY [MASS=18610])	1.00	7.69	1.93	0.00	2	1	2 2	SLC[330]LGPALIHAK SLC[339]LGPALIHAK	1 1
CABL2_HUMAN (Q9BTV7) CDK5 and ABL1 enzyme substrate 2 (Interactor with CDK3 2) (Ik3-2) [MASS=52235]	*	1.67	*	*	*	1	1	QYDTRNSR	1
CAC1S_HUMAN (Q13698) Voltage-dependent L-type calcium channel subunit alpha-1S (Voltage-gated calcium channel subunit alpha Cav1.1) (Calcium channel, L type, alpha-1 polypeptide, isoform 3, skeletal muscle) [MASS=212163]	*	1.44	*	*	*	1	3	TVSGDLAAEEELERAMVEAAMEEGIFR	1
CAD17_HUMAN (Q12864) Cadherin-17 precursor (Liver-intestine-cadherin) (LI-cadherin) (Intestinal peptide-associated transporter HPT-1) [MASS=92148]	*	3.37	*	*	*	2	3 1	LPMDGLFLIQTYAGMLQLAK YNASSFAK	1 1
CADH5_HUMAN (P33151) Vascular endothelial-cadherin precursor (VE-cadherin) (Cadherin-5) (7B4 antigen) (CD144 antigen) [MASS=87516]	0.00	3.06	0.78	0.00	1	2	2 1	VC[330]ENAVHGQLVLQISAIDK DITPR	1 1
CALI_HUMAN (Q13939) Calicin [MASS=66555]	*	2.72	*	*	*	1	2	ANC[339]LRYLFLAELFELK	1
CALX_HUMAN (P27824) Calnexin precursor (Major histocompatibility complex class I antigen-binding protein p88) (p90) (IP90) [MASS=67568]	0.98	3.55	1.18	0.00	1	1	3	C[339]ESAPGC[339]GVWQRPVIDNPYK	1
CAND2_HUMAN (O75155) Cullin-associated NEDD8-dissociated protein 2 (Cullin-associated and neddylation-dissociated protein 2) (p120 CAND2) [MASS=122681]	0.00	5.18	1.32	0.00	1	2	3 3	DFRFM[147]ATSDLMSELQKDSIQLDEDSER SPLLPAAGVLAEEGFLQALVGTRPPC[339]VDYAK	1 1
CATA_HUMAN (P04040) Catalase (EC 1.11.1.6) [MASS=59625]	0.00	3.04	0.95	0.00	1	1	3	LVNANGEAVYC[330]KFHYK	1
CATD_HUMAN (P07339) Cathepsin D precursor (EC 3.4.23.5) [Contains: Cathepsin D light chain; Cathepsin D heavy chain] [MASS=44552]	0.99	5.34	1.15	0.00	1	2	2 2	LLDIAC[330]WIHHK FDGILGMAYPR	1 1

CATS_HUMAN (P25774) Cathepsin S precursor (EC 3.4.22.27) [MASS=37495]	0.00	10.27	1.61	0.00	1	1	3	GC[330]NGGFMTTAFQYIIDNKGIDSDASYPYKAM[147]DQK	1
CBLN2_HUMAN (Q8IUK8) Cerebellin-2 precursor [MASS=24084]	0.00	10.71	2.06	0.00	1	1	3	C[339]LVVC[339]DSSPSADGAVTSSLGISVR	1
CC020_HUMAN (Q8ND61) Protein C3orf20 [MASS=101268]	*	2.32	*	*	*	1	2	LLARISKLLMIC[339]QNAGISVPK	1
CC28B_HUMAN (Q9BUN5) Coiled-coil domain-containing protein 28B [MASS=26904]	*	2.49	*	*	*	1	1	LQAFGK	1
CCD22_HUMAN (O60826) Coiled-coil domain-containing protein 22 [MASS=70755]	0.00	9.41	5.11	0.00	1	3	3	EEVYKQLM[147]SELETLPK	1
							3	TLGVSVFQAESEC[339]RHSK	1
							3	C[339]LRVINPAVGSGLSPLLPLAM[147]SARFR	1
CCD94_HUMAN (Q9BW85) Coiled-coil domain-containing protein 94 [MASS=37086]	0.00	7.12	1.36	0.00	1	1	3	ADPDC[339]SNGQPQAAPTPGAPQNRK	1
CCNT2_HUMAN (O60583) Cyclin-T2 (CycT2) [MASS=81028]	0.36	2.19	0.61	0.00	1	1	2	VAHAC[330]LHPLEPLDTPK	1
CD34_HUMAN (P28906) Hematopoietic progenitor cell antigen CD34 precursor [MASS=40716]	0.00	7.53	1.60	0.00	1	2	1	GARAGPR	1
							3	PQC[339]LLLVLNRTEISSKLQLM[147]K	1
CD59_HUMAN (P13987) CD59 glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) (MEM43 antigen) (Membrane inhibitor of reactive lysis) (MIRL) (20 kDa homologous restriction factor) (HRF-20) [MASS=14177]	0.96	9.38	0.94	0.01	2	1	2	LRENELTYYC[330]C[330]K	2
CD5L_HUMAN (O43866) CD5 antigen-like precursor (SP-alpha) (CT-2) (IgM-associated peptide) [MASS=38088]	0.00	21.61	0.68	0.00	1	4	2	ELGC[330]GAASGTPSGILYEPPAEK	1
							2	QLGC[339]GRAVLTKQR	1
							2	EDQVVC[330]KQLGC[330]GK	1
							3	VEVEQKGQWGTVC[339]DDGWDIKDVAVLC[330]R	1
CD81_HUMAN (P60033) CD81 antigen (26 kDa cell surface protein TAPA-1) (Target of the antiproliferative antibody 1) (Tetraspanin-28) (Tspan-28) [MASS=25809]	0.99	6.78	0.91	0.00	1	1	2	NNLC[339]PSGSNIISNLFK	1
CDC42_HUMAN (P60953) Cell division control protein 42 homolog precursor (G25K GTP-binding protein) [MASS=21310]	0.98	5.76	0.55	0.00	1	1	2	WVPEITHHC[339]PK	1

CEAM6_HUMAN (P40199) Carcinoembryonic antigen-related cell adhesion molecule 6 precursor (Normal cross-reacting antigen) (Nonspecific crossreacting antigen) (CD66c antigen) [MASS=37237]	0.00	8.72	0.43	0.00	1	1	3	DAVAFTC[330]EPEVQNTTYLWWVNGQSLPVSPR	1
CENG1_HUMAN (Q99490) Centaurin-gamma 1 (ARF-GAP with GTP-binding protein-like, ankyrin repeat and pleckstrin homology domains 2) (AGAP-2) (Phosphatidylinositol-3-kinase enhancer) (PIKE) (GTP-binding and GTPase-activating protein 2) (GGAP2) [MASS=124673]	*	1.51	*	*	*	2	3 2	ARALC[339]ADM[147]K SLDLDDWPR	1 1
CENPF_HUMAN (P49454) CENP-F kinetochore protein (Centromere protein F) (Mitosin) (AH antigen) [MASS=367592]	0.00	0.81	0.74	0.00	1	2	3 2	QNAESARC[330]SLEQKIK ARLTQELQQAK	1 1
CEP70_HUMAN (Q8NHQ1) Centrosomal protein of 70 kDa (Cep70 protein) (p10-binding protein) [MASS=69751]	*	3.02	*	*	*	1	2	KRTEQEETIASLQM[147]EVC[339]R	1
CEZ2_HUMAN (Q8TE49) Zinc finger A20 domain-containing protein ? (EC 3.-.-.) (Zinc finger protein Cezanne 2) (OTU domain-containing protein 7) [MASS=100676]	0.00	1.40	1.22	0.00	1	1	2	PC[330]LQRQDDIAQEK	1
CGL_HUMAN (P32929) Cystathionine gamma-lyase (EC 4.4.1.1) (Gamma-cystathionase) [MASS=44508]	0.00	4.94	2.23	0.00	1	1	3	YC[339]LAFASGLAATVTITHLLK	1
CH60_HUMAN (P10809) 60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (P60 lymphocyte protein) (HuCHA60) [MASS=61054]	1.00	8.20	1.25	0.05	5	3	2 2 2 2	C[339]EFQDAYVLLSEKK C[330]IPALDSLTPANEDQK AAVEEGIVLGGGC[339]ALLR C[339]IPALDSLTPANEDQK	1 2 1 1
CHCH3_HUMAN (Q9NX63) Coiled-coil-helix-coiled-coil-helix domain-containing protein 3 [MASS=26152]	1.00	29.52	0.89	0.10	6	5	2 2 2 2 2 2 2	ERIC[330]SEEER YESHPVC[339]ADLQAK C[339]SALATQYM[147]HC[339]VNHAK AAANEQLTRAILRER YESHPVC[330]ADLQAK RYESHPVC[330]ADLQAK ERIC[339]SEEER	1 1 1 1 1 1 1

CHCH6_HUMAN (Q9BRQ6) Coiled-coil-helix-coiled-coil-helix domain-containing protein 6 [MASS=26458]	*	3.40	*	*	*	1	2	LARELESR	1
CHD6_HUMAN (Q8TD26) Chromodomain-helicase-DNA-binding protein 6 (EC 3.6.1.-) (ATP-dependent helicase CHD6) (CHD-6) (Radiation-induced gene B protein) [MASS=305410]	*	1.47	*	*	*	2	2 2	VIINRLDNIC[339]HVVLK GK QQADYSLEVPGFGANFSDKPKQR	1 1
CHX10_HUMAN (P58304) Homeobox protein CHX10 (Ceh-10 homeodomain-containing homolog) [MASS=39410]	0.00	5.26	2.10	0.00	1	1	2	C[339]WGRSSVM[147]AEYGLYGAMVR	1
CISY_HUMAN (O75390) Citrate synthase, mitochondrial precursor (EC 2.3.3.1) [MASS=51712]	0.95	1.50	1.39	0.00	1	1	1	LPC[339]VAAK	2
CJ070_HUMAN (Q9NZ45) Protein C10orf70 [MASS=12199]	1.00	36.11	1.16	0.08	5	3	1 2 3 1 3	KFPFC[339]DGAHTK KFPFC[339]DGAHTK IVHAFDM[147]EDLGDKAVYC[339]R FPFC[330]DGAHTK IVHAFDM[147]EDLGDKAVYC[330]R	1 1 1 1 1
CK002_HUMAN (Q9UID3) Protein C11orf2 (Another new gene 2 protein) [MASS=86042]	0.00	2.05	0.78	0.00	1	1	2	EC[339]PLAQLM[147]DSETDM[147]VR	1
CL011_HUMAN (Q9NVM9) Protein C12orf11 (Sarcoma antigen NY-SAR-95) [MASS=80225]	0.00	2.27	0.22	0.00	1	1	2	SILEDPPSISEGC[330]GGR	1
CLH1_HUMAN (Q00610) Clathrin heavy chain 1 (CLH-17) [MASS=191482]	1.00	1.91	1.11	0.06	2	3	2 2 1	ENPYYSR YESLELC[330]RPVLQQGR AHIAQLC[330]EK	1 1 1
CLH2_HUMAN (P53675) Clathrin heavy chain 2 (CLH-22) [MASS=187029]	0.00	1.65	*	*	*	2	3 1	RPISAESAIMPASKVIALK HLIMAVR	1 1
CMC1_HUMAN (O75746) Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutamate carrier 1) (Solute carrier family 25 member 12) [MASS=74755]	1.00	2.36	1.19	0.09	2	1	2 2	DIPFSAIYFPVYAHC[339]K DIPFSAIYFPVYAHC[330]K	1 1
CMGA_HUMAN (P10645) Chromogranin A precursor (CgA) (Pituitary secretory protein I) (SP-I) [Contains: Vasostatin-1 (Vasostatin I); Vasostatin-2 (Vasostatin II); EA-92; ES-43; Pancreastatin; SS-18; WA-8; WE-14; LF-19; AL-11; GV-19; GR-44; ER-37] [MASS=50730]	0.00	13.13	0.72	0.00	1	3	2 3 2	EDSKEAEKSGEATDGAR SAAVLALLLC[330]AGQVTALPVNSPM[147]NKGDTEVM[147]K GLSAEPGWQAK	1 1 1

CN094_HUMAN (Q9H6D7) Protein C14orf94 [MASS=42400]	0.00	5.79	2.58	0.00	1	1	3	KC[339]FTLLC[339]YYDPNSDADSETVK	1
CN101_HUMAN (Q9NX78) Protein C14orf101 [MASS=79528]	0.00	3.11	0.50	0.00	1	1	3	VNLLC[330]GLFGAVAASLLFFTIVFR	1
CN108_HUMAN (Q9H0R1) Protein C14orf108 (Putative HIV-1 infection-related protein) [MASS=54766]	0.00	6.12	2.80	0.00	1	1	3	ILDYTLTGCC[339]YADQHSVQVFASGKPKISAHR	1
							2	RPPGVLHC[339]TTK	2
							2	AHITLGC[330]AADVEAVQTGLDLLEILR	1
							3	DKPELQFPFLQDEDTVATLLEC[339]K	2
							2	RLDEDLAAYC[330]R	1
							1	FC[330]DYGK	1
							2	DKPELQFPFLQDEDTVATLLEC[339]K	1
							2	RPPGVLHC[330]TTK	2
CN37_HUMAN (P09543) 2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) [MASS=47578]	1.00	30.88	0.94	0.10	21	9	2	LDC[330]AQLK	1
							2	DKPELQFPFLQDEDTVATLLEC[330]K	2
							2	LDEDLAAYC[330]R	1
							2	FC[330]DYGK	1
							2	AHITLGC[339]AADVEAVQTGLDLLEILR	1
							2	LDEDLAAYC[339]R	1
							1	FC[339]DYGK	2
							2	M[147]SSSGAKDK	1
							3	AHITLGC[330]AADVEAVQTGLDLLEILR	1
							3	AHITLGC[330]AADVEAVQTGLDLLEILRQEK	1
CND1_HUMAN (Q15021) Condensin complex subunit 1 (Chromosome condensation-related SMC-associated protein 1) (Chromosome- associated protein D2) (hCAP-D2) (XCAP-D2 homolog) [MASS=157168]	0.00	4.14	3.00	0.00	1	4	1	TTPILR	1
							2	LSDADLAGPLQK	1
							3	VPAILMSSM[147]C[339]ILLDHLGGENYMM[147]R	1
							2	ESTGNMVTGQTVCC[339]KNK	1

CNGB3_HUMAN (Q9NQW8) Cyclic nucleotide-gated cation channel beta 3 (CNG channel beta 3) (Cyclic nucleotide-gated channel beta 3) (Cone photoreceptor cGMP-gated channel subunit beta) (Cyclic nucleotide-gated cation channel modulatory subunit) [MASS=92249]	0.00	2.60	1.98	0.00	1	1	3	AC[339]MDDTIAYM[147]NNYSIPKLVQK	1
CO2_HUMAN (P06681) Complement C2 precursor (EC 3.4.21.43) (C3/C5 convertase) [Contains: Complement C2b fragment; Complement C2a fragment] [MASS=83267]	*	1.73	*	*	*	2	1 2	KRAPR DFHINLFR	1 1
CO3A1_HUMAN (P02461) Collagen alpha-1(III) chain precursor [MASS=138554]	*	3.82	*	*	*	2	2 3 2	GLAGPPGMPGPRGSPGPQGVKGESGK GPVGPSPGPGKDGTSGHPGPIGPPGPRGNR GPIGSIGPK	1 1 2
CO6A3_HUMAN (P12111) Collagen alpha-3(VI) chain precursor [MASS=343550]	0.00	1.67	1.34	0.00	1	4	2 2 1 2	VNHFVPEAGSR PQAAKPAATKPATTK GPIGSIGPK GPPGVNGTQGFQGC[339]PGQR	1 1 1 1
CO9_HUMAN (P02748) Complement component C9 precursor [Contains: Complement component C9a; Complement component C9b] [MASS=63173]	0.00	4.65	0.05	0.00	1	2	2 3	RC[339]TDAVGDR KC[330]HTC[330]QNGGTVILM[147]DGK	1 1
COF1_HUMAN (P23528) Cofilin-1 (Cofilin, non-muscle isoform) (18 kDa phosphoprotein) (p18) [MASS=18371]	0.00	4.85	0.96	0.04	2	1	2 2	M[147]LPDKDC[330]R MLPDKDC[330]R	1 1
COPG2_HUMAN (Q9UBF2) Coatamer subunit gamma-2 (Gamma-2 coat protein) (Gamma-2 COP) [MASS=97622]	0.00	4.02	1.62	0.00	1	2	3 2	HEMVIYEAAASAIHLPNC[339]TAR SQFAYC[339]MLIRIASR	1 1
COX2_HUMAN (P00403) Cytochrome c oxidase subunit 2 (EC 1.9.3.1) (Cytochrome c oxidase polypeptide II) [MASS=25565]	0.99	12.78	1.09	0.00	1	1	3	PGVYYGQC[339]SEIC[339]GANHSFM[147]PIVLELIPLK	1
COX5B_HUMAN (P10606) Cytochrome c oxidase polypeptide Vb, mitochondrial precursor (EC 1.9.3.1) [MASS=13696]	0.95	4.65	1.38	0.00	1	1	1	C[339]GAHYK	1

COX7C_HUMAN (P15954) Cytochrome c oxidase polypeptide VIc, mitochondrial precursor (EC 1.9.3.1) [MASS=7245]	1.00	63.49	1.26	0.07	4	2	2	MC[339]LYFGSAFATPFLVVR	1
							2	M[147]C[339]LYFGSAFATPFLVVR	2
							3	MC[339]LYFGSAFATPFLVVRHQLLKT	1
							2	MC[330]LYFGSAFATPFLVVR	1
CP27A_HUMAN (Q02318) Cytochrome P450 27, mitochondrial precursor (EC 1.14.13.15) (Cytochrome P-450C27/25) (Sterol 26-hydroxylase) (Sterol 27-hydroxylase) (Vitamin D(3) 25-hydroxylase) (5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase) [MASS=60234]	0.00	5.27	0.89	0.00	1	1	3	IIEKEIEVDGFLFPKNTQFVFC[339]HYVVSR	1
CP4X1_HUMAN (Q8N118) Cytochrome P450 4X1 (EC 1.14.14.1) (CYPIVX1) [MASS=58875]	*	9.63	*	*	*	2	3	IC[330]STQDTSVEVYEHINSM[147]SLDIIMK	1
							3	NC[330]IGQEFAMIELKVITIALILLHFR	1
CP7A1_HUMAN (P22680) Cytochrome P450 7A1 (Cholesterol 7-alpha-monooxygenase) (CYPVII) (EC 1.14.13.17) (Cholesterol 7-alpha-hydroxylase) [MASS=57660]	0.31	2.58	0.23	0.00	1	1	3	KHGHVFTC[330]KLM[147]GK	1
CRTC_HUMAN (P27797) Calreticulin precursor (CRP55) (Calregulin) (HACBP) (Erp60) (grp60) [MASS=48141]	0.98	3.12	1.35	0.00	1	1	2	HEQNIDC[339]GGGYVK	1
CSKI2_HUMAN (Q8WXE0) Caskin-2 [MASS=126710]	*	1.08	*	*	*	1	2	GTPRSQSFLRAR	1
CSMD1_HUMAN (Q96PZ7) CUB and sushi domain-containing protein 1 precursor (CUB and sushi multiple domains protein 1) [MASS=388867]	*	0.28	*	*	*	1	2	SRGVKM[147]LPSK	1
CSPG2_HUMAN (P13611) Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) (Glial hyaluronate-binding protein) (GHAP) [MASS=372817]	0.90	0.82	0.72	0.00	1	2	3	QEIESETTSEEQIREEK	1
							2	AQC[339]GGGLLGVR	1
CT012_HUMAN (Q9NVP4) Protein C20orf12 [MASS=62909]	*	5.70	*	*	*	2	3	HHEAIPVLVQRGADIDQQWGPLR	1
							2	PLLTISPGR	3
CX020_HUMAN (Q8NDZ0) Protein CXorf20 [MASS=87918]	0.00	3.00	0.48	0.00	1	1	3	RTPPC[330]PVAHGDQIVSQINHPVHLR	1

CX022_HUMAN (Q6ZTR5) Protein CXorf22 [MASS=110392]	*	2.97	*	*	*	2	3	LHENYYAM[147]YLKYLRSVR	2
							2	DM[147]DSSGRDM[147]QLR	1
CX6B1_HUMAN (P14854) Cytochrome c oxidase subunit VIb isoform 1 (EC 1.9.3.1) (COX VIb-1) [MASS=10061]	1.00	58.82	1.44	0.11	5	3	3	VYQSLC[339]PTSWVTDWDEQRAEGTFPGKI	1
							2	GGDISVC[339]EWYQR	2
							2	NC[330]WQNYLDFHR	2
CXB4_HUMAN (Q9NTQ9) Gap junction beta-4 protein (Connexin-30.3) (Cx30.3) [MASS=30419]	0.00	3.01	1.15	0.00	1	1	2	C[339]MEIFGPR	1
CXX1_HUMAN (O15255) CAAX box protein 1 (Cerebral protein 5) [MASS=22278]	0.00	14.83	6.34	0.00	1	2	3	DLSPSARPISSPPPETSC[339]VLA	1
							2	C[330]PLRSC[330]SLPR	1
							1	DVC[339]TFLR	2
CY1_HUMAN (P08574) Cytochrome c1, heme protein, mitochondrial precursor (Cytochrome c- 1) [MASS=35390]	1.00	20.00	1.36	0.08	4	4	2	HLVGVC[330]YTEDEAK	1
							2	HLVGVC[339]YTEDEAK	1
							3	HGGEDYVFSLLTGYC[339]EPPTGVSLR	1
							3	RM[147]GLKMLMMM[147]ALLVPLVYTIK	1
DCBD1_HUMAN (Q8N8Z6) Discoidin, CUB and LCCL domain-containing protein 1 precursor [MASS=77920]	0.00	14.13	2.82	0.00	1	4	3	PIPSEETSTGINITTVAIPLVLLVLFAGMGIFAAFR	1
							3	AGRHEYALPLAPPEPEYATPIVER	1
							3	TTGSTQSNFNFYVKSFVM[147]NFK	1
							3	VELIGC[339]QITQGNDSLVWR	1
DCC_HUMAN (P43146) Netrin receptor DCC precursor (Tumor suppressor protein DCC) (Colorectal cancer suppressor) [MASS=158455]	*	2.07	*	*	*	2	3	GVGPLSDPILFRTLKVEHPDK	1
							1	PVPTVNWM[147]K	1
DCXR_HUMAN (Q7Z4W1) L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L- xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Carbonyl reductase II) (Sperm surface protein P34H) [MASS=25913]	0.32	15.98	1.15	0.00	1	2	2	AVTNHSVYC[339]STK	1
							3	IRVNAVNPVTVM[147]TSMGQATWSDPHKAK	1
DDB1_HUMAN (Q16531) DNA damage- binding protein 1 (Damage-specific DNA- binding protein 1) (UV-damaged DNA-binding factor) (DDB p127 subunit) (DDBa) (UV- damaged DNA-binding protein 1) (UV-DDB 1) (Xeroderma pigmentosum group E- complementing protein) (XPCe) [MASS=126967]	*	1.05	*	*	*	1	3	M[147]IGLRLYDGLFK	1

DDX31_HUMAN (Q9H8H2) Probable ATP-dependent RNA helicase DDX31 (EC 3.6.1.-) (DEAD box protein 31) (Helicain) [MASS=94086]	0.00	6.93	1.44	0.00	1	2	3	AVQEVC[330]PPPAGDKLDSFAIPESLKQHVTVVPSK	1
							3	IGC[339]HGSSLLILAPSEAEYVNSLASHK	1
DEPD5_HUMAN (O75140) DEP domain-containing protein 5 [MASS=177909]	*	1.08	*	*	*	2	3	TVTLDDVDVNNR	1
							1	VTLKDK	1
DGCR8_HUMAN (Q8WYQ5) DGCR8 protein (DiGeorge syndrome critical region 8) [MASS=86045]	0.00	1.94	1.30	0.00	1	1	2	AGLLSPYQILHEC[339]LK	1
DGKG_HUMAN (P49619) Diacylglycerol kinase gamma (EC 2.7.1.107) (Diglyceride kinase gamma) (DGK-gamma) (DAG kinase gamma) [MASS=88996]	0.00	1.90	0.37	0.00	1	1	3	SAGRRLAQC[339]ASVTIR	1
DHC24_HUMAN (Q15392) 24-dehydrocholesterol reductase precursor (EC 1.3.1.-) (3-beta-hydroxysterol delta-24-reductase) (Seladin-1) (Diminuto/dwarf1 homolog) [MASS=60101]	0.00	3.10	0.73	0.00	1	1	2	SVHGFQMLYADC[330]YMNR	1
							2	AKPYEGSILEADC[339]DILIPAASEK	2
							3	IIKPC[339]NHVLSLSFPIR	1
							3	IIKPC[330]NHVLSLSFPIR	1
							3	AKPYEGSILEADC[330]DILIPAASEK	1
DHE3_HUMAN (P00367) Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH) [MASS=61397]	1.00	9.14	1.22	0.07	13	3	2	IIKPC[339]NHVLSLSFPIR	1
							2	C[339]AVVDVPFGGAK	4
							2	AKPYEGSILEADC[330]DILIPAASEK	1
							2	C[330]AVVDVPFGGAK	2
DHPR_HUMAN (P09417) Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) [MASS=25803]	1.00	11.89	1.45	0.01	2	2	3	AALDGTSGM[147]IGYGM[147]AK	1
							2	GAVHQLC[339]QSLAGK	1
							2	GAVHQLC[330]QSLAGK	1
DHSA_HUMAN (P31040) Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (EC 1.3.5.1) (Fp) (Flavoprotein subunit of complex II) [MASS=72691]	1.00	5.72	1.12	0.06	2	2	2	AAFGLSEAGFNTAC[339]VTK	1
							2	TYFSC[339]TSAHTSTGDGTAM[147]ITR	1

DHSB_HUMAN (P21912) Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (EC 1.3.5.1) (lp) (Iron-sulfur subunit of complex II) [MASS=31630]	1.00	12.86	1.38	0.02	5	3	3	TC[339]PKGLNPGKAIEIK	1
							2	C[339]GPMVLDALIK	1
							2	C[330]HTIM[147]NC[330]TR	2
							2	C[339]HTIM[147]NC[339]TR	2
DHX8_HUMAN (Q14562) ATP-dependent RNA helicase DHX8 (EC 3.6.1.-) (DEAH box protein 8) (RNA helicase HRH1) [MASS=139314]	*	2.79	*	*	*	2	3	ELFPVLC[330]QPDNPSVRTMLDEDDVK	1
							2	LIQTM[147]RPPAK	1
DLDH_HUMAN (P09622) Dihydrolipoyl dehydrogenase, mitochondrial precursor (EC 1.8.1.4) (Dihydrolipoamide dehydrogenase) (Glycine cleavage system L protein) [MASS=54150]	0.96	8.06	1.40	0.00	1	3	2	ILQKQGFK	1
							2	FPFAANSRAKTNADTDGM[147]VK	1
							2	VC[339]HAHPTLSEAFR	1
DMXL2_HUMAN (Q8TDJ6) Protein DmX-like 2 (Rabconnectin-3) [MASS=339755]	0.00	1.15	3.64	0.00	1	2	3	ESKSSDDVDYR	1
							3	TSKYM[147]PRGSVC[339]NVLLTSC[339]HDGVC[339]R	1
DNMT1_HUMAN (P26358) DNA (cytosine-5)-methyltransferase 1 (EC 2.1.1.37) (Dnmt1) (DNA methyltransferase Hsa1) (DNA MTase Hsa1) (MCMT) (M.Hsa1) [MASS=183164]	*	0.68	*	*	*	1	2	DDREDKENAFK	1
DPOLA_HUMAN (P09884) DNA polymerase alpha catalytic subunit (EC 2.7.7.7) [MASS=165912]	0.00	2.74	0.34	0.00	1	3	1	QEADSGK	2
							2	EILMHTKEMVQK	1
							3	AGDTVSYVIC[330]QDGSNLTASQR	1
DPOLN_HUMAN (Q7Z5Q5) DNA polymerase nu (EC 2.7.7.7) [MASS=100306]	0.00	1.33	13.31	0.00	1	1	3	STFVDGLLAC[339]M[147]K	1
DPYL2_HUMAN (Q16555) Dihydropyrimidinase-related protein 2 (DRP-2) (Collapsin response mediator protein 2) (CRMP-2) (N2A3) [MASS=62293]	1.00	5.59	0.95	0.02	4	2	2	AITIANQTNC[330]PLYITK	1
							2	FQLTDC[330]QIYEVL SVIR	2
							2	FQLTDC[339]QIYEVL SVIR	1
DUOX1_HUMAN (Q9NRD9) Dual oxidase 1 precursor (EC 1.6.3.1) (EC 1.11.1.-) (NADPH thyroid oxidase 1) (Thyroid oxidase 1) (Large NOX 1) (Long NOX 1) [MASS=177234]	*	1.68	*	*	*	2	3	QHPDWEDEELFQHAR	1
							3	NVEKAC[330]QLINR	1

DUS4_HUMAN (Q13115) Dual specificity protein phosphatase 4 (EC 3.1.3.48) (EC 3.1.3.16) (Mitogen-activated protein kinase phosphatase 2) (MAP kinase phosphatase 2) (MKP-2) (Dual specificity protein phosphatase hVH2) [MASS=42953]	0.00	6.09	1.14	0.00	1	1	3	C[330]LLLLDC[330]RPFLAHSAGYILGSVNVR	1
DYH5_HUMAN (Q8TE73) Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (HL1) [MASS=529002]	*	0.63	*	*	*	2	2	GITFIFTDNEIK	1
							2	EMRM[147]NPKAITAPQM[147]FGR	1
DYL1_HUMAN (P63167) Dynein light chain 1, cytoplasmic (Dynein light chain LC8-type 1) (8 kDa dynein light chain) (DLC8) (Protein inhibitor of neuronal nitric oxide synthase) (PIN) [MASS=10366]	1.00	12.36	0.63	0.00	2	1	2	YNPTWHC[330]IVGR	1
							2	YNPTWHC[339]IVGR	1
DYN1_HUMAN (Q05193) Dynamin-1 (EC 3.6.5.5) [MASS=97407]	0.86	5.21	0.96	0.00	1	2	2	TIGVITKLDLM[147]DEGTDARDVLENK	1
							3	RPLVLQLVNATTEYAEFLHC[330]K	1
DYN3_HUMAN (Q9UQ16) Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin) [MASS=96681]	*	1.75	*	*	*	1	3	YMLPLDNLKVRDVEK	1
DZIP1_HUMAN (Q86YF9) Zinc finger protein DZIP1 (DAZ-interacting protein 1/2) [MASS=98663]	0.00	3.34	1.34	0.00	1	1	3	LSAIDVDKVAGAVDVLTLQENIM[147]NITFC[339]K	1
EAA2_HUMAN (P43004) Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2) [MASS=62104]	1.00	5.40	0.74	0.16	6	2	2	C[330]LEENLGIDKR	2
							2	NLFPENLVQAC[330]FQQIQTGTK	2
							2	NLFPENLVQAC[339]FQQIQTGTK	2
EAA4_HUMAN (P48664) Excitatory amino acid transporter 4 (Sodium-dependent glutamate/aspartate transporter) [MASS=61565]	*	5.32	*	*	*	2	2	DFFDSLNEAIMR	1
							3	EGRIETIPTADAFMDLIR	1
ECHA_HUMAN (P40939) Trifunctional enzyme subunit alpha, mitochondrial precursor (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] [MASS=82999]	1.00	11.66	1.47	0.01	2	6	1	FSAFR	1
							3	DTSASAVAVGLKQGK	1
							2	ALM[147]GLYHGQVLC[330]K	1
							3	MVGVPAAALDM[147]MLTGRSIRADR	1
							2	C[330]LAPM[147]M[147]SEVIR	1
							3	HLAILGAGLMGAGIAQVSVDKGLK	1

ECHB_HUMAN (P55084) Trifunctional enzyme subunit beta, mitochondrial precursor (TP-beta) [Includes: 3-ketoacyl-CoA thiolase (EC 2.3.1.16) (Acetyl-CoA acyltransferase) (Beta-ketothiolase)] [MASS=51395]	1.00	9.89	1.25	0.12	2	2	3	EGGQYGLVAAC[330]AAGGQGHAM[147]IVEAYPK	1
								FNNWGGSLSLGHPFGATGC[339]R	1
ECHM_HUMAN (P30084) Enoyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.17) (Short chain enoyl-CoA hydratase) (SCEH) (Enoyl-CoA hydratase 1) [MASS=31387]	0.81	4.83	1.54	0.00	1	1	2	EM[147]QNLSFQDC[330]YSSK	1
EF2_HUMAN (P13639) Elongation factor 2 (EF-2) [MASS=95206]	*	3.50	*	*	*	2	3	GGGQIIP TARRC[339]LYASVLTAQPR	1
								M[147]VPTSDK	1
EFG2_HUMAN (Q969S9) Elongation factor G 2, mitochondrial precursor (mEF-G 2) (Elongation factor G2) [MASS=86600]	*	2.57	*	*	*	1	3	HTATGDTIVSSKSSALAAAR	1
EFTU_HUMAN (P49411) Elongation factor Tu, mitochondrial precursor (EF-Tu) (P43) [MASS=49541]	1.00	5.97	1.20	0.06	4	2	2	KGDEC[339]ELLGHSK	1
							1	KGDEC[339]ELLGHSK	1
							2	HYAHTDC[339]PGHADYVK	2
EHMT2_HUMAN (Q96KQ7) Histone-lysine N-methyltransferase, H3 lysine-9 specific 3 (EC 2.1.1.43) (Histone H3-K9 methyltransferase 3) (H3-K9-HMTase 3) (Euchromatic histone-lysine N-methyltransferase 2) (HLA-B-associated transcript 8) (Protein G9a) [MASS=132383]	*	4.21	*	*	*	3	2	ILLGHATKSFSPSSPSK	1
							2	DIRTGEELGFDYGD RFWDIK	1
							2	EALEKALVIQESERR	1
EMAL4_HUMAN (Q9HC35) Echinoderm microtubule-associated protein-like 4 (EMAP-4) (Restrictedly overexpressed proliferation-associated protein) (Ropp 120) [MASS=108902]	*	1.43	*	*	*	1	2	RLAISEDHVASVKK	1
ENOA_HUMAN (P06733) Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Non-neural enolase) (NNE) (Enolase 1) (Phosphopyruvate hydratase) (C-myc promoter-binding protein) (MBP-1) (MPB-1) (Plasminogen-binding protein) [MASS=47037]	1.00	3.46	1.06	0.07	2	1	1	FGANAILGVSLAVC[330]K	1
							2	FGANAILGVSLAVC[330]K	1
							2	FGANAILGVSLAVC[339]K	1

ENOG_HUMAN (P09104) Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) [MASS=47137]	1.00	10.39	*	*	*	2	3	LAM[147]QEFMILPVGAESFRDAMRLGAEVYHTLK	1
							3	IVIGM[147]DVAASEFYR	1
EP400_HUMAN (Q96L91) E1A-binding protein p400 (EC 3.6.1.-) (p400 kDa SWI2/SNF2-related protein) (Domino homolog) (hDomino) (CAG repeat protein 32) (Trinucleotide repeat-containing gene 12 protein) [MASS=343645]	0.00	1.93	*	*	*	5	1	TDPSAAGR	1
							1	ATPGLLK	1
							1	TPTKPPC[339]Q	1
							2	EYLIELFFLQHFQGNMMDFLAFK	1
							2	AVGKLTPEHLIKM[147]QK	1
EPC2_HUMAN (Q52LR7) Enhancer of polycomb homolog 2 [MASS=91094]	0.00	6.82	*	*	*	3	3	LDQANHSC[339]ENSELADLDK	1
							3	KPKAEALITSQQPTPETLPVINK	1
							2	M[147]EIKPLQFEIM[147]IDR	1
EPHA4_HUMAN (P54764) Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8) [MASS=109859]	0.00	4.46	0.37	0.00	1	3	1	GIGSGM[147]K	2
							2	TYVDPFTYEDPNQAVR	1
							3	C[330]KPVVM[147]IITEYM[147]ENGSLDAFLR	1
ERAL_HUMAN (O75616) GTP-binding protein era homolog (hERA) (ERA-W) (Conserved ERA-like GTPase) (CEGA) [MASS=48350]	0.00	7.78	*	*	*	2	2	C[339]VSC[339]VAGSAFSGPRLASASR	1
							3	VLRVVLLGAPNAGK	1
ES1_HUMAN (P30042) ES1 protein homolog, mitochondrial precursor (Protein KNP-I) (Protein GT335) [MASS=28142]	1.00	14.18	1.56	0.06	3	3	1	HC[339]VK	1
							2	EFHQAGKPIGLC[339]C[339]IAPVLAAG	1
							3	EFHQAGKPIGLC[330]C[330]IAPVLAAG	1
							2	NLSTFAVDGKDC[339]K	1
ETFD_HUMAN (Q16134) Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) [MASS=68507]	1.00	5.02	1.09	0.04	2	2	2	LQINAQNC[330]VHC[330]K	1
							2	FC[339]PAGVYEFVPVEQGDGFR	1
F106A_HUMAN (Q4KMX7) Protein FAM106A [MASS=18675]	0.21	3.55	2.60	0.00	1	1	2	NLLEC[339]R	1
FA29A_HUMAN (Q7Z4H7) Protein FAM29A [MASS=108621]	*	7.02	*	*	*	4	2	YQENASLSVKQVR	1
							3	M[147]ETFSPAVGNRIDVMGGSEEEFM[147]K	1
							3	NSSHVFVETFNIPQDLHKC[339]IAR	1
							1	QGEWHKK	1
FA53B_HUMAN (Q14153) Protein FAM53B [MASS=45796]	*	9.24	*	*	*	2	3	SLSFSDEMSSC[339]RTSWR	1
							3	MSQGPTLFSC[339]GIMENDRWDLDR	1

FANCM_HUMAN (Q8IYD8) Fanconi anemia group M protein (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FANCM) (Fanconi anemia-associated polypeptide of 250 kDa) (FAAP250) (Protein Hef ortholog) [MASS=232190]	0.00	2.49	2.90	0.07	2	4	1	VSKEIK	2
							2	ESNIAVNPSTVK	1
							1	KVMSTPLSK	1
							3	SC[339]HSVEDGQLLTSNESEDDEIFRR	2
FBLN1_HUMAN (P23142) Fibulin-1 precursor [MASS=77261]	0.00	3.41	12.37	0.00	1	1	3	AAQAQGQSC[339]EYSLM[147]VGYQC[339]GQVFR	1
FBN1_HUMAN (P35555) Fibrillin-1 precursor [MASS=312312]	*	0.38	*	*	*	1	2	SGNC[330]YLDIRPR	1
FBN2_HUMAN (P35556) Fibrillin-2 precursor [MASS=314347]	*	1.20	*	*	*	2	2	RGQQDVLRGPNVC[339]GSR	1
							3	HHANLC[330]LNGRC[339]IPTVSSYR	1
FBX38_HUMAN (Q6PIJ6) F-box only protein 38 (Modulator of KLF7 activity homolog) (MoKA) [MASS=133953]	*	0.59	*	*	*	1	2	GKTPLRK	1
FBXL8_HUMAN (Q96CD0) F-box/LRR-repeat protein 8 (F-box and leucine-rich repeat protein 8) (F-box protein FBL8) [MASS=40516]	0.26	17.38	*	*	*	3	3	EVHC[330]FC[339]VVSHSVLDAFRAHC[339]PR	1
							3	HPGLAVELELEPALPAESVTR	1
							3	C[339]AALREVHC[339]FC[339]VVSHSVLDAFR	1
FGFR1_HUMAN (P11362) Basic fibroblast growth factor receptor 1 precursor (EC 2.7.10.1) (FGFR-1) (bFGF-R) (Fms-like tyrosine kinase 2) (c-fgr) (CD331 antigen) [MASS=91867]	*	3.65	*	*	*	2	2	PNRMPVAPYWTSPEK	1
							2	M[147]PVAPYWTSPEKMEK	1
FBNP2_HUMAN (O75044) SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2) [MASS=120880]	*	0.93	*	*	*	1	2	LAERFLAKTR	1
FOG2_HUMAN (Q8WW38) Zinc finger protein ZFPM2 (Zinc finger protein multitype 2) (Friend of GATA protein 2) (FOG-2) (hFOG-2) [MASS=128142]	0.00	3.82	1.72	0.00	1	2	3	GGQLWC[339]TTTKAISEGEELIAFVVDFDSR	1
							3	NSPDVSYERSIIKC[330]EK	1
FOXH1_HUMAN (O75593) Forkhead box protein H1 (Forkhead activin signal transducer 1) (Fast-1) (hFAST-1) (Forkhead activin signal transducer 2) (Fast-2) [MASS=39257]	0.00	4.38	1.51	0.00	1	1	2	DLAAPGPGWLLSWC[339]SL	1

FRS3_HUMAN (O43559) Fibroblast growth factor receptor substrate 3 (FGFR substrate 3) (Suc1-associated neurotrophic factor target 2) (SNT-2) (FGFR signaling adaptor SNT2) [MASS=54330]	*	1.02	*	*	*	1	1	REAVR	1
FUBP2_HUMAN (Q92945) Far upstream element-binding protein 2 (FUSE-binding protein 2) (KH type-splicing regulatory protein) (KSRP) (p75) [MASS=72709]	*	5.37	*	*	*	2	3 2	LASQGDSISSQLGPIHPPPR IGQQPQQPGAPPQQDYTK	1 1
FXL19_HUMAN (Q6PCT2) F-box/LRR-repeat protein 19 (F-box and leucine-rich repeat protein 19) [MASS=73770]	0.00	3.26	0.63	0.00	1	1	2	VGGDAC[330]LLRGSDPGGPGLPPR	1
FXL20_HUMAN (Q96IG2) F-box/LRR-repeat protein 20 (F-box and leucine-rich repeat protein 20) (F-box/LRR-repeat protein 2-like) [MASS=48423]	*	2.29	*	*	*	1	1	RDVNGVTKSR	1
G3P_HUMAN (P04406) Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) [MASS=35922]	1.00	10.18	0.86	0.02	2	2	2 3	VPTANVSVVDLTC[330]R VPTANVSVVDLTC[330]RLEKPAK	1 1
G6PD_HUMAN (P11413) Glucose-6-phosphate 1-dehydrogenase (EC 1.1.1.49) (G6PD) [MASS=59134]	*	5.84	*	*	*	1	3	LFYLALPPTVYEAVTKNIHESC[339]MSQIGWNR	1
GABR2_HUMAN (O75899) Gamma-aminobutyric acid type B receptor, subunit 2 precursor (GABA-B receptor 2) (GABA-B-R2) (Gb2) (GABABR2) (G-protein coupled receptor 51) (HG20) [MASS=105821]	0.00	1.81	1.17	0.00	1	1	3	TC[339]KDPIEDINSPEHIQR	1
GABT_HUMAN (P80404) 4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amino-2-methylpropionate transaminase) (EC 2.6.1.22) (Gamma-amino-N-butyrate transaminase) (GABA transaminase) (GABA aminotransferase) (GABA-AT) (GABA-T) ([MASS=56439]	1.00	7.20	1.25	0.02	3	3	2 2 2	C[339]LEEVEDLIVK TM[147]GC[339]LATTHSK GTFC[339]SFDTPDDSIK	1 1 1
GAS6_HUMAN (Q14393) Growth-arrest-specific protein 6 precursor (GAS-6) [MASS=79676]	*	6.52	*	*	*	2	3 2	SWNWLNGEDTTIQETVKVNTRMQC[339]FSVTER SWNWLNGEDTTIQETVK	1 1

GASP1_HUMAN (Q5JY77) G-protein coupled receptor-associated sorting protein 1 (GASP-1) [MASS=156850]	*	2.87	*	*	*	2	2	2	MTGAEIESGAQVKPEK	1
							2	2	EVYVESSSGSEHEDHLESWFGAGK	1
								3	QTFTGHESDINAIC[339]FFPNGNAFATGSDDATC[330]R	1
							2	2	LLLAGYDDFNC[330]NVWDALK	1
GBB1_HUMAN (P62873) Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) [MASS=37246]	1.00	28.02	0.97	0.09	6	5	2	2	LFVSGAC[339]DASAK	1
							2	2	KAC[339]ADATLSQITNNIDPVGR	1
							2	2	ELAGHTGYLSC[339]C[339]R	1
							2	2	LLLAGYDDFNC[339]NVWDALK	1
							2	2	ELAGHTGYLSC[330]C[330]R	1
GBB4_HUMAN (Q9HAV0) Guanine nucleotide-binding protein subunit beta 4 (Transducin beta chain 4) [MASS=37436]	0.00	6.78	0.22	0.00	1	1	3		AC[330]NDATLVQITSNMDSVGRIQM[147]R	1
GBG2_HUMAN (P59768) Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-2 subunit precursor (G gamma-I) [MASS=7719]	0.89	30.00	0.81	0.00	1	2	2		AAADLM[147]AYC[339]EAHAK	1
							1		KLVEQLK	1
GBLP_HUMAN (P63244) Guanine nucleotide-binding protein subunit beta 2-like 1 (Guanine nucleotide-binding protein subunit beta-like protein 12.3) (Receptor of activated protein kinase C 1) (RACK1) (Receptor for activated C kinase) [MASS=34945]	0.00	8.54	0.84	0.00	1	1	3		TNHIGHTGYLNTVTVSPDGSLC[330]ASGGK	1
GBRR1_HUMAN (P24046) Gamma-aminobutyric-acid receptor rho-1 subunit precursor (GABA(A) receptor) [MASS=55257]	0.00	2.75	0.27	0.00	1	1	3		VTVTAMC[330]NMDFSR	1
GCP2_HUMAN (Q9BSJ2) Gamma-tubulin complex component 2 (GCP-2) (Spindle pole body protein Spc97 homolog) (hSpc97) (hGCP2) (h103p) [MASS=102533]	*	1.11	*	*	*	1	2		YVSAQPLAGR	2
GDIA_HUMAN (P31150) Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) (XAP-4) (Oligophrenin-2) [MASS=50582]	0.96	2.24	1.19	0.00	1	1	2		IIC[330]ILSHPIK	1

GHC1_HUMAN (Q9H936) Mitochondrial glutamate carrier 1 (GC-1) (Glutamate/H(+) symporter 1) (Solute carrier family 25 member 22) [MASS=34470]	1.00	21.98	1.01	0.12	3	3	2	LINGGIAGLIGVTC[339]VFPIDLAK	1
							3	PASEEKSPFYVSFLAGC[330]VAGSAAAVAVNPC[339]DVVK	1
							2	LINGGIAGLIGVTC[330]VFPIDLAK	1
							1	GVNEDTYSGILDC[330]AR	1
GLNA_HUMAN (P15104) Glutamine synthetase (EC 6.3.1.2) (Glutamate--ammonia ligase) (GS) [MASS=41933]	0.00	3.49	0.92	0.00	1	1	2	KDPNKL VLC[339]EVFK	1
							2	C[339]VQSNIVLLTQA FR	3
GLSK_HUMAN (O94925) Glutaminase kidney isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (K-glutaminase) [MASS=73461]	1.00	5.38	1.49	0.03	7	3	2	LKEC[330]M[147]DM[147]LR	1
							2	C[330]VQSNIVLLTQA FR	1
							2	VPFC[330]LQSC[330]VKPLK	1
							2	VPFC[339]LQSC[339]VKPLK	2
GLT10_HUMAN (Q86SR1) Polypeptide N-acetylgalactosaminyltransferase 10 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 10) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10) (Polypeptide GalNAc transferase 10) (GalNAc-T10) (pp-GaNTas) [MASS=68991]	*	1.00	*	*	*	1	1	GNQLWK	1
GNAI1_HUMAN (P63096) Guanine nucleotide-binding protein G(i), alpha-1 subunit (Adenylate cyclase-inhibiting G alpha protein) [MASS=40230]	1.00	3.68	1.15	0.11	3	1	2	EIYTHFTC[339]ATDTK	1
							2	EIYTHFTC[330]ATDTK	2
GNAO1_HUMAN (P09471) Guanine nucleotide-binding protein G(o) subunit alpha 1 [MASS=39919]	1.00	19.55	1.22	0.00	1	4	2	LWGDSGIQEC[330]FNR	1
							2	M[147]VC[330]DVVSR	1
							3	KSPLTIC[339]FPEYTGPN TYEDAAAYIQAQFESK	1
							2	M[147]EDTEPFSAELLSAM[147]M[147]R	1
GNAO2_HUMAN (P29777) Guanine nucleotide-binding protein G(o) subunit alpha 2 [MASS=39955]	1.00	8.50	1.27	0.00	1	1	3	SPLTIC[339]FPEYTGPSAFTEAVAYIQAQYESK	1
GP179_HUMAN (Q6PRD1) Probable G-protein coupled receptor 179 precursor (Probable G-protein coupled receptor 158-like 1) [MASS=257362]	0.00	1.06	1.91	0.02	2	2	3	VAEVC[339]LWEVVEAPS AKK	2
							2	SPRLGRPK	1

GPDM_HUMAN (P43304) Glycerol-3-phosphate dehydrogenase, mitochondrial precursor (EC 1.1.99.5) (GPD-M) (GPDH-M) (mtGPD) [MASS=80833]	0.98	1.38	1.05	0.00	1	1	2	NYLSC[330]DVEVR	1
GPM6B_HUMAN (Q13491) Neuronal membrane glycoprotein M6-b (M6b) [MASS=28989]	0.42	3.40	0.91	0.00	1	1	2	SREDC[330]C[330]TKF	1
GPR37_HUMAN (O15354) Probable G-protein coupled receptor 37 precursor (Endothelin B receptor-like protein 1) (ETBR-LP-1) (Parkin-associated endothelin receptor-like receptor) (PAELR) [MASS=67113]	*	1.96	*	*	*	1	2	QLSKEDLGFSGR	1
GPVI_HUMAN (Q9HCN6) Platelet glycoprotein VI precursor [MASS=36923]	*	4.13	*	*	*	1	3	C[339]QGPPGVDLYRLEK	1
GREM2_HUMAN (Q9H772) Gremlin-2 precursor (Cysteine knot superfamily 1, BMP antagonist 2) (Protein related to DAN and cerberus) [MASS=19320]	*	6.55	*	*	*	1	3	C[330]M[147]SVNLSDSDK	1
GRIN1_HUMAN (Q7Z2K8) G protein-regulated inducer of neurite outgrowth 1 (GRIN1) [MASS=102371]	*	0.69	*	*	*	1	1	DPGPSGK	1
GSLG1_HUMAN (Q92896) Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligand 1) (ESL-1) (Cysteine-rich fibroblast growth factor receptor) (CFR-1) [MASS=134592]	0.00	1.36	0.45	0.00	1	1	2	STITEIKEC[330]ADEPVGK	1
H33_HUMAN (P84243) Histone H3.3 [MASS=15197]	1.00	23.70	2.58	0.00	1	1	3	FQSAAGALQEASEAYLVGLFEDTNLC[339]AIHAK	1
HBB_HUMAN (P68871) Hemoglobin subunit beta (Hemoglobin beta chain) (Beta-globin) [MASS=15867]	1.00	34.93	0.82	0.15	5	3	3	GTFATLSELHC[339]DKLHVDPENFR	1
							3	GTFATLSELHC[330]DKLHVDPENFR	1
							1	GTFATLSELHC[330]DK	1
							2	GTFATLSELHC[339]DK	1
							2	LLGNVLVC[330]VLAHHFGK	1
HC127_HUMAN (Q9NQZ6) Hepatocellular carcinoma-associated antigen 127 [MASS=26244]	0.00	4.46	0.30	0.00	1	1	3	M[147]ADEQEIMC[330]K	1

HG2A_HUMAN (P04233) HLA class II histocompatibility antigen gamma chain (HLA-DR antigens-associated invariant chain) (Ia antigen-associated invariant chain) (Ii) (p33) (CD74 antigen) [MASS=33515]	0.00	7.43	0.64	0.00	1	1	2	GHHNC[330]SESLELEDPSSGLGVTK	1
HGF_HUMAN (P14210) Hepatocyte growth factor precursor (Scatter factor) (SF) (Hepatopoeitin A) [Contains: Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain] [MASS=83133]	0.00	3.71	1.72	0.00	1	1	3	DLQENYC[339]RNPRGEEGGPWC[339]FTSNPEVR	1
HNF4A_HUMAN (P41235) Hepatocyte nuclear factor 4-alpha (HNF-4-alpha) (Transcription factor HNF-4) (Transcription factor 14) [MASS=51740]	0.00	2.15	1.84	0.00	1	1	2	HC[339]PELAEMSR	1
HNRL1_HUMAN (Q9BUJ2) Heterogeneous nuclear ribonucleoprotein U-like protein 1 (Adenovirus early region 1B-associated protein 5) (E1B-55 kDa-associated protein 5) (E1B-AP5) [MASS=95738]	*	1.87	*	*	*	1	3	GRVC[339]FEMKINEEISVK	1
HS74L_HUMAN (O95757) Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related protein APG-1) [MASS=94486]	0.00	4.41	142.58	0.00	1	2	3 3	C[330]HAEHTPEEEIDHTGAKTKSAVSDK C[339]ISDAMSWLNSK	1 1
HS90B_HUMAN (P08238) Heat shock protein HSP 90-beta (HSP 84) (HSP 90) [MASS=83132]	0.00	4.01	*	*	*	2	2 3	HLEINPDHPIVETLRQK DNSTM[147]GYM[147]M[147]AKK	1 1
HSP71_HUMAN (P08107) Heat shock 70 kDa protein 1 (HSP70.1) (HSP70-1/HSP70-2) [MASS=70052]	0.00	5.93	0.13	0.00	1	2	2 3	NALESYAFNM[147]KSAVEDEGLKGK C[330]QEVISWLDANTLAEK	1 1
HXC11_HUMAN (O43248) Homeobox protein Hox-C11 [MASS=33748]	*	9.87	*	*	*	1	3	NSYSSC[339]YAAADELMHREC[339]LPPSTVTEILM[147]K	1

								2	AAQLC[330]GAGM[147]AAVVDK	1
								2	TVC[339]GVVSR	2
								2	C[339]NVSFLLSEDGSGK	2
								3	MIAAQLLAYYFTELKDDQVK	1
								2	ATDC[339]VGHDVVTLLR	1
								3	LGVEPSDDDC[339]VSVQHVC[339]TIVSFR	1
								2	AILQQLGLNSTC[339]DDSILVK	2
HXK1_HUMAN (P19367) Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Brain form hexokinase) [MASS=102484]	1.00	18.76	1.27	0.07	17	11		2	AAQLC[339]GAGM[147]AAVVDK	2
								2	KLPVGFTFSFPC[339]QQSK	1
								2	ATDC[330]VGHDVVTLLR	1
								2	RAAQLC[330]GAGM[147]AAVVDK	1
								3	LSDETLIDIM[147]TR	1
								2	LPVGFTFSFPC[339]QQSK	2
								2	TVC[330]GVVSR	1
I17RB_HUMAN (Q9NRM6) Interleukin-17 receptor B precursor (IL-17 receptor B) (IL-17RB) (Interleukin-17B receptor) (IL-17B receptor) (IL-17 receptor homolog 1) (IL-17Rh1) (IL17Rh1) (Cytokine receptor CRL4) [MASS=55884]	0.00	4.98	0.67	0.00	1	1	3	SEGSPSENSQDLFPLAFNLFC[339]SDLR	1	
I2C1_HUMAN (Q9UL18) Eukaryotic translation initiation factor 2C 1 (eIF2C 1) (eIF-2C 1) (Argonaute-1) (Putative RNA-binding protein Q99) [MASS=97214]	*	1.05	*	*	*	1	2	TPVYAEVKR	1	
I2C3_HUMAN (Q9H9G7) Eukaryotic translation initiation factor 2C 3 (eIF2C 3) (eIF-2C 3) (Argonaute-3) [MASS=97360]	*	3.02	*	*	*	1	2	PIKLLANC[330]FQVEIPKIDVYLYEVDIK	1	
IDH3A_HUMAN (P50213) Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=39591]	1.00	13.11	1.34	0.05	2	3	2	TFDLYANVRPC[339]VSIEGYK	1	
							2	IEAAC[339]FATIK	1	
							3	GPLKTPIAAGHPSMNLRLK	1	

IDH3G_HUMAN (P51553) Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) [MASS=42794]	1.00	21.88	0.93	0.06	4	6	2	LGDGLFLQC[330]C[330]R	1
							2	TSLDLYANVIHC[339]K	1
							1	KKVTAVHK	1
							2	GNIETNHNLPSPSHK	1
							3	SRNNILRTSLDLYANVIHC[330]K	1
							2	NIANPTATLLASC[339]M[147]M[147]LDHLK	1
							2	TSLDLYANVIHC[330]K	1
IDHP_HUMAN (P48735) Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) [MASS=50909]	1.00	11.50	1.30	0.07	4	3	2	NILGGTVFREPIIC[339]K	1
							3	PAWAPAALTAPTSQEPPRRHYADK	1
							2	DLAGC[339]IHGLSNVK	1
							2	NILGGTVFREPIIC[330]K	1
							2	DLAGC[330]IHGLSNVK	1
IGS4B_HUMAN (Q8N126) Immunoglobulin superfamily member 4B precursor (Nectin-like protein 1) (TSLC1-like protein 1) (Synaptic cell adhesion molecule 3) (Brain immunoglobulin receptor) [MASS=43300]	0.00	10.30	0.77	0.00	1	2	2	DHEDSSLQWSNPAQQTLTFGEK	1
							3	EKDTATLNC[330]QSSGSKPAAR	1
IGSF8_HUMAN (Q969P0) Immunoglobulin superfamily member 8 precursor (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (CD316 antigen) [MASS=65034]	*	2.28	*	*	*	1	2	PEAPDTALGIVSTK	1
IKAR_HUMAN (Q13422) DNA-binding protein Ikaros (Lymphoid transcription factor LyF-1) [MASS=57528]	0.00	3.66	1.03	0.00	1	1	3	VLFLDHVM[147]YTIHMG C[339]HGFR	1
IL17_HUMAN (Q16552) Interleukin-17A precursor (IL-17A) (IL-17) (Cytotoxic T-lymphocyte-associated antigen 8) (CTLA-8) [MASS=17504]	0.00	16.13	0.22	0.61	2	2	3	REPPHC[330]PNSFR	3
							3	NPGC[339]PNSEDKNFPR	1
IL6RB_HUMAN (P40189) Interleukin-6 receptor beta chain precursor (IL-6R-beta) (Interleukin 6 signal transducer) (Membrane glycoprotein 130) (gp130) (Oncostatin M receptor) (CD130 antigen) (CDw130) [MASS=103522]	*	0.87	*	*	*	1	2	TNHFTIPK	1
IMMT_HUMAN (Q16891) Mitochondrial inner membrane protein (Mitofilin) (p87/89) (Proliferation-inducing gene 4 protein) [MASS=83677]	0.99	2.51	1.17	0.00	1	1	2	LLSYASYC[330]IEHGDLELA AK	1

IP3KB_HUMAN (P27987) Inositol-trisphosphate 3-kinase B (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase B) (IP3K B) (IP3 3-kinase B) (IP3K-B) [MASS=102376]	0.00	6.34	1.02	0.00	1	4	2	YMQWRETISSTATLGFR	1
							2	IKNM[147]VHWSPFVM[147]SFK	1
							1	VLVQGAR	1
							2	MAVYC[330]YALNSLVIMNSANEM[147]K	1
IPO11_HUMAN (Q9UI26) Importin-11 (Imp11) (Ran-binding protein 11) (RanBP11) [MASS=112535]	*	6.36	*	*	*	3	3	SLEFSVSYPFTEVGEVTFER	1
							3	FNQEM[147]DQLLGNMIEMWVDRM[147]DNITQPERR	1
							2	RVAPHALSEEEK	1
IPYR2_HUMAN (Q9H2U2) Inorganic pyrophosphatase 2, mitochondrial precursor (EC 3.6.1.1) (PPase 2) (Pyrophosphatase SID6-306) [MASS=37962]	0.54	3.29	0.88	0.00	1	1	2	ILSC[339]GEVIHVK	1
ITA10_HUMAN (O75578) Integrin alpha-10 precursor [MASS=127573]	*	2.06	*	*	*	1	3	DC[330]GPDNEC[330]VTDLVLQVNMDIRGSR	1
ITAV_HUMAN (P06756) Integrin alpha-V precursor (Vitronectin receptor subunit alpha) (CD51 antigen) [Contains: Integrin alpha-V heavy chain; Integrin alpha-V light chain] [MASS=116051]	*	1.05	*	*	*	1	3	TLGM[147]VYIYDGK	1
ITPR1_HUMAN (Q14643) Inositol 1,4,5-trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1) (IP3R) [MASS=313943]	0.34	3.52	0.10	0.00	1	5	2	LLLAIMESR	2
							2	C[330]QDM[147]VM[147]AELVNSGEDVLVFNDR	1
							3	SELWVYKGQGPDETMDGASGENEHKK	1
							3	PGGGGGSGSSSMSRGEMSLAEVQC[330]HLDK	1
							2	HNKELQSMK	1
IVD_HUMAN (P26440) Isovaleryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.10) (IVD) [MASS=46319]	0.00	7.33	5.66	0.00	1	3	3	MADMYTRLMAC[339]R	1
							2	GITAFIVEK	2
JAD1A_HUMAN (P29375) Jumonji/ARID domain-containing protein 1A (Retinoblastoma-binding protein 2) (RBBP-2) [MASS=195815]	0.00	3.25	0.34	0.00	1	4	2	AC[339]DEGHC[339]TAK	1
							3	M[147]AADPEC[330]LDVGLAAM[147]VC[330]K	1
							3	AANLAKMTMVDRIIEVK	1
							3	C[339]VAEEC[330]SKPR	1
							2	DWQPPFAC[330]EVK	1
JAK3_HUMAN (P52333) Tyrosine-protein kinase JAK3 (EC 2.7.10.2) (Janus kinase 3) (JAK-3) (Leukocyte janus kinase) (L-JAK) [MASS=125098]	0.00	4.45	0.57	0.00	1	2	3	QQLPAPKWTELALLIQQC[339]M[147]AYEPVQR	1
							3	RSPQDFDSFLLTVVC[330]VQNPLGPDYK	1

JHD1B_HUMAN (Q8NHM5) JmjC domain-containing histone demethylation protein 1B (EC 1.14.11.-) (F-box/LRR-repeat protein 10) (F-box and leucine-rich repeat protein 10) (F-box protein FBL10) (Protein JEMMA) (Jumonji domain-containing EMSY-interactor methyltr [MASS=152614]	*	2.40	*	*	*	2	2	KPKAPALR	1
							3	DSLTEINLSDC[330]NKVTDQC[339]LSFFKR	1
JHD2C_HUMAN (Q15652) Probable JmjC domain-containing histone demethylation protein 2C (EC 1.14.11.-) (Jumonji domain-containing protein 1C) (Thyroid receptor-interacting protein 8) (TRIP-8) [MASS=284523]	*	2.76	*	*	*	4	2	PSSSTKTDSMPAMQLASK	1
							3	VDLTQSSVTNASSGNDHLNM[147]EKEK	1
							3	NTNKM[147]ENSGNSVSEIHK	1
							2	EFWDGFEEVSK	1
K0182_HUMAN (Q14687) Protein KIAA0182 (Fragment) [MASS=130322]	0.00	0.95	0.37	0.00	1	1	3	C[330]LALPAM[147]HWPR	3
							2	NLGMVC[339]R	4
K0196_HUMAN (Q12768) Protein KIAA0196 [MASS=134286]	*	2.24	*	*	*	2			
							2	WLM[147]LHTADSAC[330]DPNNKRLR	1
K0310_HUMAN (O15027) Protein KIAA0310 [MASS=233516]	*	0.92	*	*	*	2	1	EGPAAAR	1
							2	FTGSFDDDDPDPHR	1
K0831_HUMAN (Q6ZNE5) Protein KIAA0831 [MASS=55309]	0.00	8.54	2.18	0.00	1	4	2	M[147]ASPSGKGAR	1
							2	ALEAPGC[339]GPRPLAR	1
							2	ALEAPGC[330]GPR	1
							2	QKFTRAVK	1
K0971_HUMAN (Q9NYY8) Protein KIAA0971 [MASS=81462]	*	0.85	*	*	*	1	1	GFLAM[147]K	1
K1576_HUMAN (Q9HCJ6) Probable oxidoreductase KIAA1576 (EC 1.-.-.-) [MASS=45899]	*	5.01	*	*	*	2	2	SWWQVEKVNPIK	1
							1	QGNIDNPPK	1
K1688_HUMAN (Q9C0H5) Protein KIAA1688 [MASS=121285]	*	1.02	*	*	*	1	3	HVKKEAC[339]ELFK	1
KAC_HUMAN (P01834) Ig kappa chain C region [MASS=11609]	0.98	15.09	0.88	0.00	1	1	2	SGTASVVC[330]LLNNFYPR	1
KAP3_HUMAN (P31323) cAMP-dependent protein kinase type II-beta regulatory subunit [MASS=46215]	0.42	5.04	0.37	0.00	1	2	3	LLGPC[339]M[147]EIMKR	1
							2	LLGPC[330]M[147]EIM[147]K	1

KBTB3_HUMAN (Q8NAB2) Kelch repeat and BTB domain-containing protein 3 (BTB and kelch domain-containing protein 3) [MASS=69395]	0.00	3.12	0.68	0.00	1	1	3	C[330]VQSGGGLFPDARPSTTEK	1
KBTB6_HUMAN (Q86V97) Kelch repeat and BTB domain-containing protein 6 [MASS=76137]	0.00	3.12	0.50	0.00	1	1	3	KYC[330]LDVIEGALQM[147]RYGDLLYK	1
KC1AL_HUMAN (Q8N752) Casein kinase I isoform alpha-like (EC 2.7.11.1) (CKI-alpha-like) (CK1) [MASS=39072]	0.00	7.42	0.59	0.00	1	1	3	KM[147]STPVEVLC[330]KGFPAEFAM[147]YLNVC[330]R	1
KC1A_HUMAN (P48729) Casein kinase I isoform alpha (EC 2.7.11.1) (CKI-alpha) (CK1) [MASS=38915]	0.00	7.12	*	*	*	2	3	MASSSGSKAEFIVGGK	1
							1	TKSNMKGF	1
KCC2A_HUMAN (Q9UQM7) Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) [MASS=54029]	1.00	13.39	1.15	0.03	4	3	3	MC[339]DPGM[147]TAFEPEALGNLVEGLDFHR	1
							3	EYYSEADASHC[339]IQQILEAVLHC[339]HQMGGVVHR	1
							2	STVASC[330]MHR	1
							3	M[147]C[339]DPGM[147]TAFEPEALGNLVEGLDFHR	2
KCC2B_HUMAN (Q13554) Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) [MASS=72726]	1.00	6.17	1.21	0.00	2	3	1	RSGGAR	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHR	1
							2	LC[339]TGHEYAAK	1
KCC2G_HUMAN (Q13555) Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) [MASS=62609]	1.00	4.48	0.92	0.03	2	1	3	IC[339]DPGLTSFEPEALGNLVEGMDFHK	1
							3	IC[339]DPGLTSFEPEALGNLVEGM[147]DFHK	1
KCMA1_HUMAN (Q12791) Calcium-activated potassium channel subunit alpha 1 (Calcium-activated potassium channel, subfamily M subunit alpha 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-al) [MASS=137559]	*	3.48	*	*	*	2	2	QRNGGM[147]RNSPNTSPK	1
							3	AVNINLC[330]DM[147]C[330]VILSANQNNIDDTSLQDK	1

KCND3_HUMAN (Q9UK17) Potassium voltage-gated channel subfamily D member 3 (Voltage-gated potassium channel subunit Kv4.3) [MASS=73451]	0.00	2.44	0.55	0.00	1	1	2	SSLNLKADDGLRPNC[330]K	1
KCNH1_HUMAN (O95259) Potassium voltage-gated channel subfamily H member 1 (Voltage-gated potassium channel subunit Kv10.1) (Ether-a-go-go potassium channel 1) (hEAG1) (h-eag) [MASS=111422]	*	1.21	*	*	*	2	1 1	GIDTEK GENVHK	1 2
KCNH3_HUMAN (Q9ULD8) Potassium voltage-gated channel subfamily H member 3 (Voltage-gated potassium channel subunit Kv12.2) (Ether-a-go-go-like potassium channel 2) (ELK channel 2) (ELK2) (Brain-specific eag-like channel 1) (BEC1) [MASS=117128]	0.00	2.59	2.52	0.00	1	1	3	ATWDGFILLATLYVAVTVPY SVC[339]VSTAR	1
KCNQ5_HUMAN (Q9NR82) Potassium voltage-gated channel subfamily KQT member 5 (Voltage-gated potassium channel subunit Kv7.5) (Potassium channel subunit alpha KvLQT5) (KQT-like 5) [MASS=99024]	0.00	1.78	1.69	0.00	1	1	2	DVIEQYSAGHLDM[147]LC[339]R	1
							3 2	SKDYEFM[147]WNPHLG YILTC[339]PSNLGTGLR FC[339]TGLTQIETL FK	1 4
KCRB_HUMAN (P12277) Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) [MASS=42644]	1.00	13.12	1.41	0.10	13	3	2	FC[330]TGLTQIETL FK	5
							2 1 2	GFC[330]LPPHC[330]SR GFC[330]LPPHC[330]SR GFC[339]LPPHC[339]SR	1 1 1
KCRS_HUMAN (P17540) Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) (Mib-CK) (Basic-type mitochondrial creatine kinase) [MASS=47520]	*	3.10	*	*	*	1	3	PVSPLLTC[339]AGM[147]AR	1

KCRU_HUMAN (P12532) Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) [MASS=47036]	1.00	14.87	1.37	0.06	5	3	2	HNNC[330]M[147]ASHLTPAVYAR	1
							2	SEVELVQLVIDGVNYLIDC[330]ER	1
							3	HNNC[339]M[147]ASHLTPAVYAR	1
							3	TTPTGWTLDQC[339]IQTGVDNPGHPFIK	1
							2	SEVELVQLVIDGVNYLIDC[339]ER	1
KEAP1_HUMAN (Q14145) Kelch-like ECH-associated protein 1 (Cytosolic inhibitor of Nrf2) (Kelch-like protein 19) [MASS=69665]	0.00	3.04	5.43	0.00	1	1	3	M[147]TSGRSGVGVAVTMEPC[339]RK	1
KI21A_HUMAN (Q7Z4S6) Kinesin family member 21A (Kinesin-like protein KIF2) (NY-REN-62 antigen) [MASS=187178]	*	2.03	*	*	*	2	2	NLQDGGQISDTGDLGEDIASN	1
							2	VWNMDTFMPVGEMK	1
KIF17_HUMAN (Q9P2E2) Kinesin-like protein KIF17 (KIF3-related motor protein) [MASS=115113]	*	2.72	*	*	*	2	2	PKVFSTTDTLPSSDDVSK	1
							3	C[339]QPVVTVDC[339]AR	1
KIFA3_HUMAN (Q92845) Kinesin-associated protein 3 (Smg GDS-associated protein) [MASS=91205]	*	1.39	*	*	*	1	2	FKDPLLKMKIR	1
KKCC2_HUMAN (Q96RR4) Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase beta) (CaM-kinase kinase beta) (CaM-KK beta) (CaMKK beta) [MASS=64731]	0.23	2.21	1.13	0.01	2	1	2	GTRPAPGGC[330]IQPR	1
							2	GTRPAPGGC[339]IQPR	1
KLD8A_HUMAN (Q8IYD2) Kelch domain-containing protein 8A [MASS=38899]	*	2.29	*	*	*	1	2	RLAPLPSR	1
KLHL7_HUMAN (Q8IXQ5) Kelch-like protein 7 [MASS=66005]	0.00	6.48	0.92	0.00	1	4	2	KM[147]C[330]VDFLK	1
							1	KTEKK	1
							3	HDYRIALFGGSQPQSC[330]R	1
							2	M[147]AASGVEK	1
KNTC1_HUMAN (P50748) Kinetochore-associated protein 1 (Rough deal homolog) (hRod) (HsROD) (Rod) [MASS=250747]	*	0.45	*	*	*	1	2	KEFGILAKTK	1
KPYM_HUMAN (P14618) Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Pyruvate kinase muscle isozyme) (Cytosolic thyroid hormone-binding protein) (CTHBP) (THBP1) [MASS=57805]	1.00	10.00	0.99	0.12	2	3	2	NTGIIC[339]TIGPASR	1
							3	RLAPITSDPTEATAVGAVEASFK	1
							2	AGKPVIC[330]ATQM[147]LESM[147]IK	1

L1CAM_HUMAN (P32004) Neural cell adhesion molecule L1 precursor (N-CAM L1) (CD171 antigen) [MASS=140002]	*	0.95	*	*	*	1	2	WLRPSGPM[147]PADR	1
L2GL2_HUMAN (Q6P1M3) Lethal(2) giant larvae protein homolog 2 (HGL) [MASS=113447]	0.00	3.14	0.93	0.00	1	2	2 REDVSGIASC[339]VFTK 3 QPGLVMERALLSDERVLK	1 1	
LAMA1_HUMAN (P25391) Laminin alpha-1 chain precursor (Laminin A chain) [MASS=337156]	0.00	1.79	1.13	0.00	1	3	3 SLDGTTFSPPWQYYAVSDSEC[339]LSR 3 NLSEIKLLISQARK 2 VKVM[147]TDLGSGPITLLTDR	1 1 1	
LAMA3_HUMAN (Q16787) Laminin alpha-3 chain precursor (Epiligrin 170 kDa subunit) (E170) (Nicein subunit alpha) [MASS=189304]	0.00	2.28	0.31	0.00	1	2	3 NQLLNYRSAISNHGSKIEGLER 3 C[330]AVDAATAYENILNAIK 2 FVMYMGSRQATGDYMGVSLR 2 C[330]DRC[339]QEGHFGFNGC[339]GGC[339]R 1 LLGPQR	1 1 1 1 7	
LAMA5_HUMAN (O15230) Laminin alpha-5 chain precursor [MASS=399709]	*	1.19	*	*	*	3			
LAMC3_HUMAN (Q9Y6N6) Laminin gamma-3 chain precursor (Laminin 12 gamma 3 subunit) [MASS=172051]	0.00	2.21	2.61	0.00	1	2	3 C[330]KC[330]NGHASEC[330]GPDVAGQLAC[339]R 3 C[339]HPLGSQEDQC[339]HPK	1 1	
LARP4_HUMAN (Q71RC2) La-related protein 4 (La ribonucleoprotein domain family member 4) [MASS=80467]	0.00	4.98	2.33	0.00	1	2	3 ASTASPC[339]NNNINAATAVALQEPR 2 SSPM[147]VQVDEKGEK	1 1	
LAT3_HUMAN (O75387) Large neutral amino acids transporter small subunit 3 (L-type amino acid transporter 3) (Solute carrier family 43 member 1) (Prostate cancer overexpressed gene 1 protein) [MASS=61477]	0.00	3.22	0.78	0.00	1	1	3 IKDC[330]VDAPTQGTVLGDAR	1	
LBXCO_HUMAN (P84550) Ladybird homeobox corepressor 1 [MASS=99830]	*	3.52	*	*	*	2	2 RAGAMPISSR 2 GLGLATGASGPAGPGGPGGGAGVR 1 DLNPDIGTDK	1 1 6	
LDH6A_HUMAN (Q6ZMR3) L-lactate dehydrogenase A-like 6A (EC 1.1.1.27) [MASS=36507]	*	3.01	*	*	*	1			

LDHB_HUMAN (P07195) L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) (NY-REN-46 antigen) [MASS=36507]	0.94	6.01	0.81	0.00	1	1	2	GM[147]YGIENEVFLSLPC[330]ILNAR	1
LDLR_HUMAN (P01130) Low-density lipoprotein receptor precursor (LDL receptor) [MASS=95376]	*	1.40	*	*	*	1	2	C[339]ISRQFVC[330]DSDR	1
LIPA2_HUMAN (O75334) Liprin-alpha-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-2) (PTPRF-interacting protein alpha-2) [MASS=143141]	0.00	3.02	1.14	0.00	1	2	2 ETQESLSLAQQRLQDVIYDR 2 MMC[330]EVMPTINEDTPMSQR	1 1	
LMIP_HUMAN (P55344) Lens fiber membrane intrinsic protein (MP18) (MP19) (MP20) [MASS=19674]	0.00	15.61	2.58	0.00	1	1	3 FWSYSILGWVAVLMTFFAGIFYM[147]C[339]AYR	1	
LPPRC_HUMAN (P42704) 130 kDa leucine-rich protein (LRP 130) (GP130) (Leucine-rich PPR motif-containing protein) [MASS=145200]	1.00	2.99	1.07	0.01	3	2	2 C[339]GAIAEQTPILLFLLR 3 EVQM[147]HSFPLQFTLHC[339]ALLANK 2 C[330]GAIAEQTPILLFLLR	1 1 1	
LRBA_HUMAN (P50851) Lipopolysaccharide-responsive and beige-like anchor protein (CDC4-like protein) (Beige-like protein) [MASS=319159]	0.00	2.13	0.16	0.00	1	4	3 SIFSRRYLLQNTALEIFMANR 2 TLEGPENC[330]LKPK 3 GLDGPRPNQKEMLSLR 2 AESDLFLAEHHK	1 1 1 1	
LRC41_HUMAN (Q15345) Leucine-rich repeat-containing protein 41 (Protein Muf1) [MASS=92287]	0.75	3.91	1.33	0.00	1	2	3 HVRQLTIC[330]NM[147]LQGATELVAEPNRR 2 PDGLLEFAK	1 1	
LRC57_HUMAN (Q8N9N7) Leucine-rich repeat-containing protein 57 [MASS=26754]	*	17.57	*	*	*	2	2 ELEGYDKYM[147]ERFTATK 3 KLETLSLNNHLREL PSTFGQLSALK	1 1	
LRC8E_HUMAN (Q6NSJ5) Leucine-rich repeat-containing protein 8E [MASS=90277]	0.22	1.88	0.16	0.00	1	1	3 LETLPSQLGLC[330]SGLR	1	
LRIG3_HUMAN (Q6UXM1) Leucine-rich repeats and immunoglobulin-like domains protein 3 precursor (LIG-3) [MASS=123433]	*	0.71	*	*	*	1	2 RLILQGNR	1	
LRP1B_HUMAN (Q9NZR2) Low-density lipoprotein receptor-related protein 1B precursor (Low-density lipoprotein receptor-related protein-deleted in tumor) (LRP-DIT) [MASS=515496]	*	0.43	*	*	*	2	3 GPC[330]SHM[147]C[339]LINHNR 1 SLSRAHK	1 1	

LRP2_HUMAN (P98164) Low-density lipoprotein receptor-related protein 2 precursor (Megalin) (Glycoprotein 330) (gp330) [MASS=521928]	*	0.56	*	*	*	2	2 3	VTLITENLGHPR LDGLFVSDLNKGHR	1 1
LRP4_HUMAN (O75096) Low-density lipoprotein receptor-related protein 4 precursor (Multiple epidermal growth factor-like domains 7) [MASS=215964]	*	1.13	*	*	*	1	3	VYWTDGTNRNIEVGNLDGSM[147]RK	1
LRRK1_HUMAN (Q38SD2) Leucine-rich repeat serine/threonine-protein kinase 1 (EC 2.7.11.1) [MASS=227842]	0.00	3.04	0.86	0.00	1	3	2 3 3	LQKLTASKNC[330]LEK GWGAREFDIFYQSYEELGR SLEGQEGLRQLIFHVTC[330]SMKDVGSTIGC[339]QR	1 1 1
LTK_HUMAN (P29376) Leukocyte tyrosine kinase receptor precursor (EC 2.7.10.1) (Protein tyrosine kinase 1) [MASS=91653]	0.00	2.66	0.21	0.00	1	1	3	TLPELC[330]SPQDELDFLM[147]EALIISK	1
LUZP1_HUMAN (Q86V48) Leucine zipper protein 1 [MASS=120274]	*	1.67	*	*	*	1	3	NDC[339]TQLC[339]LSLNEERNLTK	1
LY75_HUMAN (O60449) Lymphocyte antigen 75 precursor (DEC-205) (gp200-MR6) (CD205 antigen) [MASS=198270]	0.00	1.68	1.87	0.00	1	2	3 2	SGVGRC[339]SMLIASNETWKK SVGKWEVKDC[339]R	1 1
LYPA1_HUMAN (O75608) Acyl-protein thioesterase 1 (EC 3.1.2.-) (Lysophospholipase 1) (Lysophospholipase I) [MASS=24669]	0.00	7.83	7.58	0.00	1	1	3	M[147]C[339]GNNMSTPLPAIVPAAR	1
M3K14_HUMAN (Q99558) Mitogen-activated protein kinase kinase kinase 14 (EC 2.7.11.25) (NF-kappa beta-inducing kinase) (Serine/threonine-protein kinase NIK) (HsNIK) [MASS=104041]	*	2.75	*	*	*	2	1 3	NTPQFTK EPSPKTEDNEGVLLEKLK	1 1
M4K2_HUMAN (Q12851) Mitogen-activated protein kinase kinase kinase kinase 2 (EC 2.7.11.1) (MAPK/ERK kinase kinase kinase 2) (MEK kinase kinase 2) (MEKKK 2) (Germinal center kinase) (GC kinase) (Rab8-interacting protein) (B lymphocyte serine/threonine-pro) [MASS=91585]	*	0.73	*	*	*	1	1	VLGAHR	1
MACF4_HUMAN (Q96PK2) Microtubule-actin crosslinking factor 1, isoform 4 [MASS=670146]	*	0.19	*	*	*	1	2	ALEKDAKNLQK	1

MAGB5_HUMAN (Q9BZ81) Melanoma-associated antigen B5 (MAGE-B5 antigen) (Fragment) [MASS=13018]	0.00	18.02	1.33	0.00	1	1	3	TGLLM[147]TFLVVIFLKGNC[339]ANK	1
MALT1_HUMAN (Q9UDY8) Mucosa-associated lymphoid tissue lymphoma translocation protein 1 (EC 3.4.22.-) (MALT lymphoma-associated translocation) (Paracaspase) [MASS=92272]	*	2.06	*	*	*	1	2	NLQWAKAHELPESM[147]C[339]LK	1
MAON_HUMAN (Q16798) NADP-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.40) (NADP-ME) (Malic enzyme 3) [MASS=67054]	0.96	3.15	0.91	0.00	1	1	2	FGINC[330]LIQFEDFANANAFR	1
MAP2_HUMAN (P11137) Microtubule-associated protein 2 (MAP 2) (MAP-2) [MASS=199538]	0.98	2.57	0.82	0.00	1	3	2 YTRPTHLSC[330]VK 2 PSSILPPRRGVSGDR 3 VQAKVGSLDNAHHVPGGGNVK	1 1 1	
MAST3_HUMAN (O60307) Microtubule-associated serine/threonine-protein kinase 3 (EC 2.7.11.1) [MASS=143136]	*	4.89	*	*	*	4	2 ATGTFDNEIVMM[147]NHVYR 2 SGNRKSLVVGTPSPTLSR 2 LGTGERLDGEAGR 2 PSSLSADTAALSHAR	1 1 1 1	
MCAT_HUMAN (O43772) Mitochondrial carnitine/acylcarnitine carrier protein (Carnitine/acylcarnitine translocase) (CAC) (Solute carrier family 25 member 20) [MASS=32944]	0.97	4.32	0.82	0.00	1	1	2 C[330]LLQIQASSGESK	1	
MCCA_HUMAN (Q96RQ3) Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial precursor (EC 6.4.1.4) (3-methylcrotonyl-CoA carboxylase 1) (MCCase alpha subunit) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha) (3-methylcrotonyl-CoA carboxyla [MASS=80473]	1.00	1.79	0.99	0.00	2	1	2 ESLC[339]QAALGLILK 2 ESLC[330]QAALGLILK	1 1	
MCCC2_HUMAN (Q9HCC0) Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.4) (3-Methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta) (3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta) (3-Methylcrotonyl-CoA carboxylase n [MASS=61333]	0.99	11.19	1.25	0.00	1	4	3 EYEAEGIAKDGAKMVAAC[330]AQVPK 2 LPC[339]IYLVDSGGAYLPR 3 KQLRAQEIAMQNR 2 AQEIAMQNR	1 1 1 1	

MCF2L_HUMAN (O15068) Guanine nucleotide exchange factor DBS (DBL's big sister) (MCF2-transforming sequence-like protein) (Fragment) [MASS=123983]	0.60	4.24	0.92	0.00	1	3	2 AKSEMSESQGR	1
							2 C[330]FLERM[147]EDFQIYEKYC[330]QNK	1
							2 WC[339]DEGIYLLASQPVDK	1
MCM3A_HUMAN (O60318) 80 kDa MCM3-associated protein (GANP protein) [MASS=218403]	*	4.04	*	*	*	3	2 VAHGALSDGAIDAVETQK	1
							3 DC[339]EEVGSAGAAYAAAALGVSNAAMEDLLTAATTGILR	1
							3 SEDMAEEDVYWLSALLQLKQLLQAK	1
MCM6_HUMAN (Q14566) DNA replication licensing factor MCM6 (p105MCM) [MASS=92889]	0.00	2.56	0.92	0.00	1	1	3 NLYHNLC[330]TSLFPTIHGNDEVK	1
							3 GYLGPEQLPDC[339]LKGC[339]DVVVIPAGVPR	1
							1 GYLGPEQLPDC[339]LK	1
							2 TIIP LISQC[339]TPK	3
							2 SQETEC[339]TYFSTPLLLGK	3
							2 GYLGPEQLPDC[339]LK	2
MDHM_HUMAN (P40926) Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) [MASS=35531]	1.00	26.92	1.33	0.08	20	6	2 GYLGPEQLPDC[330]LK	1
							1 GYLGPEQLPDC[330]LK	1
							2 GC[330]DVVVIPAGVPR	1
							2 GC[339]DVVVIPAGVPR	1
							1 TIIP LISQC[339]TPK	3
							2 EGVVEC[339]SFVK	1
							2 SQETEC[330]TYFSTPLLLGK	1
							1 EGVVEC[339]SFVK	2
							1 TIIP LISQC[330]TPK	1
MDN1_HUMAN (Q9NU22) Midasin (MIDAS-containing protein) [MASS=632816]	*	1.23	*	*	*	3	3 PPQLLKVQLGDQTD SKM[147]LLGMYR	1
							3 EVQTVSEHIQNC[339]LGSQTGGFAGIKK	1
							2 LLSVLAQVFT ELAQKGFC[330]LPK	1
MDR1_HUMAN (P08183) Multidrug resistance protein 1 (EC 3.6.3.44) (P-glycoprotein 1) (CD243 antigen) [MASS=141461]	0.00	3.28	0.63	0.00	1	3	1 KNFFK	1
							3 EGRTC[330]IVIAHRLSTIQNADLIVVFQNGR	1
							2 LANDAAQVK	1
MDR3_HUMAN (P21439) Multidrug resistance protein 3 (EC 3.6.3.44) (P-glycoprotein 3) [MASS=140681]	0.00	1.09	*	*	*	1	2 AKLSAAHLFM[147]LFER	1

MGST3_HUMAN (O14880) Microsomal glutathione S-transferase 3 (EC 2.5.1.18) (Microsomal GST-3) (Microsomal GST-III) [MASS=16516]	1.00	30.26	1.29	0.05	2	2	3	VEYPIM[147]YSTDPENGHIFNC[330]IQR	1
							3	YKVEYPIM[147]YSTDPENGHIFNC[339]IQR	1
MICA3_HUMAN (Q7RTP6) Protein MICAL-3 [MASS=109910]	0.00	1.74	0.54	0.00	1	1	2	KFYGKFC[330]AGAIDHISIR	1
MIRO1_HUMAN (Q8IXI2) Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (hMiro-1) (Ras homolog gene family member T1) (Rac-GTP-binding protein-like protein) [MASS=70784]	0.97	2.27	1.00	0.00	1	1	2	DC[339]ALSPDELKDLFK	1
							1	SC[339]HK	1
MKLN1_HUMAN (Q9UL63) Muskelin [MASS=84767]	*	4.49	*	*	*	3	2	VHYLFGGNPGKSC[339]SPKMR	1
							3	LC[330]RPSKDYLRL	3
MMSA_HUMAN (Q02252) Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (EC 1.2.1.27) (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating]) (EC 1.2.1.18) [MASS=57839]	0.98	6.36	1.76	0.00	1	2	3	VC[339]NLIDSGTKEGASILLDGR	1
							2	C[339]M[147]ALSTAVLVGEAK	1
MOG_HUMAN (Q16653) Myelin-oligodendrocyte glycoprotein precursor [MASS=28179]	*	3.64	*	*	*	1	2	VIGPRHPIR	1
MOT8_HUMAN (P36021) Monocarboxylate transporter 8 (MCT 8) (X-linked PEST-containing transporter) (MCT 7) [MASS=66400]	*	2.12	*	*	*	1	2	PLLSSQDTPSKR	1
MP2K5_HUMAN (Q13163) Dual specificity mitogen-activated protein kinase kinase 5 (EC 2.7.12.2) (MAP kinase kinase 5) (MAPKK 5) (MAPK/ERK kinase 5) [MASS=48968]	0.00	4.11	1.48	0.00	1	1	3	C[339]DSSYIIGFYGAFFVENR	1
MPCP_HUMAN (Q00325) Phosphate carrier protein, mitochondrial precursor (PTP) (Solute carrier family 25 member 3) [MASS=40095]	1.00	10.22	1.12	0.04	3	3	2	FAC[339]FER	1
							2	GWAPTFLGYSM[147]QGLC[339]K	1
							2	LPRPPPEM[147]PESLKK	1
							2	GWAPTFLGYSM[147]QGLC[330]K	1
MPP9_HUMAN (Q99550) M-phase phosphoprotein 9 [MASS=78084]	*	2.60	*	*	*	1	3	EISGVEDWKITNQILVDR	1
MSH5_HUMAN (O43196) MutS protein homolog 5 [MASS=92875]	0.00	5.64	0.78	0.00	1	2	3	LPSMVEASDFEINGLDFMFLSEEK	1
							3	IHSC[330]ESISLGLSTFM[147]IDLNQVAK	1

MTCH2_HUMAN (Q9Y6C9) Mitochondrial carrier homolog 2 (Met-induced mitochondrial protein) [MASS=33331]	1.00	4.29	0.89	0.20	3	1	2	LC[339]SGVLGTVVHGK	2
							2	LC[330]SGVLGTVVHGK	1
MTMR7_HUMAN (Q9Y216) Myotubularin-related protein 7 (EC 3.1.1.3.-) [MASS=75806]	0.00	2.27	1.82	0.00	1	1	3	C[339]KNFQIIQLIIPQER	1
MTX1_HUMAN (Q13505) Metaxin-1 [MASS=35777]	0.00	5.36	*	*	*	1	2	WYAEAM[147]PFPLNFFLPGR	1
MUC2_HUMAN (Q02817) Mucin-2 precursor (Intestinal mucin-2) [MASS=540296]	0.00	0.37	2.76	0.00	1	1	2	VPC[339]STVPVTTEVSYAGC[339]TK	1
MY18A_HUMAN (Q92614) Myosin-18A (Myosin XVIIIa) (Myosin containing PDZ domain) (Molecule associated with JAK3 N-terminus) (MAJN) [MASS=233113]	0.00	1.31	1.89	0.00	1	3	2	RPTGDFGFSLRR	1
							2	M[147]FNLM[147]K	1
							2	VM[147]HMFKGC[339]R	1
MYCB2_HUMAN (O75592) Probable ubiquitin ligase protein MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) [MASS=510165]	0.21	2.20	0.85	0.00	1	6	3	GESHWWM[147]KGSTPTQISEIIK	1
							3	NAIAETIIALTKM[147]EEEEFR	1
							3	SPVRC[339]IATTR	1
							2	MGVASTEEETQAVM[147]KVYSK	1
							2	KIIKM[147]EGK	1
							3	DLALPIGNELEEDLEILEEAALQVC[330]K	1
MYEF2_HUMAN (Q9P2K5) Myelin expression factor 2 (MyEF-2) (MST156) [MASS=64179]	0.00	5.33	0.99	0.00	1	2	3	GC[330]GVVEFKDEEFVKK	1
							2	MDDKSVPHEEYRSHDGK	1
MYO6_HUMAN (Q9UM54) Myosin-6 (Myosin VI) [MASS=148713]	*	0.62	*	*	*	1	2	YM[147]PDKLAR	1
MYOM2_HUMAN (P54296) Myomesin-2 (M-protein) (165 kDa titin-associated protein) (165 kDa connectin-associated protein) [MASS=164793]	*	1.23	*	*	*	1	2	EGETVTCLKC[330]TMLVTPDLK	1
MYP2_HUMAN (P02689) Myelin P2 protein [MASS=14778]	0.78	4.58	2.20	0.00	1	1	2	M[147]VAEC[339]K	1
MYPN_HUMAN (Q86TC9) Myopalladin (145 kDa sarcomeric protein) [MASS=145256]	*	1.29	*	*	*	1	3	ISC[339]SGHLM[147]VQSLPIRSR	1

							2	VC[330]GSNLLSIC[330]K	2
							1	TSASIGSLC[330]ADAR	1
							2	VC[339]GSNLLSIC[339]K	2
							1	TSASIGSLC[339]ADAR	1
							1	VC[339]GSNLLSIC[339]K	1
MYPR_HUMAN (P60201) Myelin proteolipid protein (PLP) (Lipophilin) [MASS=29946]	1.00	14.13	0.94	0.05	13	4	2	VC[339]HC[339]LGK	1
							2	TSASIGSLC[330]ADAR	3
							2	LMGRGTKF	1
							1	LMGRGTKF	1
							2	TSASIGSLC[339]ADAR	3
MYST3_HUMAN (Q92794) Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Runt-related transcription factor-binding protein 2) (Monocytic leukemia zinc finger protein) (Zinc finger protei [MASS=225054]	0.00	2.05	0.86	0.00	1	2	3	TLYYDVEPFIFYVLTQNDVKGC[330]HLVGYFSK	1
							3	GM[147]WIC[330]QIC[330]RPR	1
N4BM_HUMAN (O95298) NADH-ubiquinone oxidoreductase subunit B14.5b (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-B14.5b) (CI-B14.5b) [MASS=14187]	0.98	38.66	1.33	0.00	1	4	2	EM[147]FGYMK	1
							2	LLYIGFLGYC[339]SGLIDNLIR	1
							2	FLPDEARSLPPPK	1
							1	RNPEPLR	1
NAC3_HUMAN (P57103) Sodium/calcium exchanger 3 precursor (Na(+)/Ca(2+)-exchange protein 3) [MASS=103009]	*	0.86	*	*	*	1	2	REMIRILK	1
NALP1_HUMAN (Q9C000) NACHT, LRR and PYD-containing protein 1 (Death effector filament-forming ced-4-like apoptosis protein) (Nucleotide-binding domain and caspase recruitment domain) (Caspase recruitment domain protein 7) [MASS=165865]	*	1.15	*	*	*	2	3	HSNC[330]IIDLEK	1
							1	GLLPLSS	1

NALP4_HUMAN (Q96MN2) NACHT, LRR and PYD-containing protein 4 (PYRIN-containing APAF1-like protein 4) (PAAD and NACHT-containing protein 2) (PYRIN and NACHT-containing protein 2) (Ribonuclease inhibitor 2) [MASS=113445]	0.00	3.02	2.19	0.00	1	1	3	LLFVIDSFEELQGGLNEPDSLCL[339]GDLMEKR	1
NAP5_HUMAN (O14513) Nck-associated protein 5 (NAP-5) (Fragment) [MASS=44829]	*	2.16	*	*	*	1	1	VSPKRGVPK	1
NARG1_HUMAN (Q9BXJ9) NMDA receptor-regulated protein 1 (N-terminal acetyltransferase) (Tubedown-1 protein) (Tbdn100) (Gastric cancer antigen Ga19) [MASS=101272]	*	1.73	*	*	*	1	3	AIELATTLDESLTNR	1
NCA11_HUMAN (P13591) Neural cell adhesion molecule 1, 140 kDa isoform precursor (N-CAM 140) (NCAM-140) (CD56 antigen) [MASS=93360]	1.00	5.78	1.01	0.00	2	3	2 FFLC[330]QVAGDAK 2 KVDKNDEAEYIC[330]IAENK 3 GEINFKDIQVIVNVPPTIQR	1 1 1	
NCAM2_HUMAN (O15394) Neural cell adhesion molecule 2 precursor (N-CAM 2) [MASS=92932]	*	4.06	*	*	*	2	3 2	GSNTELTVRNIINSDGGPYVC[330]RATNK EVASEIWK	1 1
NCOR1_HUMAN (O75376) Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) [MASS=270208]	0.28	0.82	0.20	0.00	1	1	3	QGM[147]SM[147]RESPVSAPLEGLIC[330]R	1
NDRG2_HUMAN (Q9UN36) Protein NDRG2 (Protein Syld709613) [MASS=40798]	*	5.66	*	*	*	1	3	M[147]ADSGGQPQLTQPGKLTEAFK	1
NDUA4_HUMAN (O00483) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase MLRQ subunit) (Complex I-MLRQ) (CI-MLRQ) [MASS=9370]	0.91	14.81	1.26	0.05	2	1	2	LALFNPDVC[339]WDR	2
NDUA5_HUMAN (Q16718) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13Kd-B) (CI-13Kd-B) (Complex I subunit B13) [MASS=13327]	0.90	13.91	0.70	0.00	1	1	2	TTGLVGLAVC[330]NTPHER	1

NDUA7_HUMAN (O95182) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.5a) (Complex I-B14.5a) (CI-B14.5a) [MASS=12420]	0.98	8.04	1.65	0.00	1	1	2	LSNNYYC[330]TR	1
							2	AAAHHYGAQC[330]DKPNK	1
NDUA8_HUMAN (P51970) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 19 kDa subunit) (Complex I-19KD) (CI-19KD) (Complex I-PGIV) (CI-PGIV) [MASS=19974]	1.00	17.54	1.15	0.05	10	3	2	C[330]ALDFFR	2
							1	C[339]ALDFFR	2
							2	FDEC[330]VLDK	1
							2	C[339]ALDFFR	3
							1	FDEC[330]VLDK	1
NDUAA_HUMAN (O95299) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42KD) (CI-42KD) [MASS=40750]	1.00	8.17	1.58	0.02	2	2	2	TFLPEM[147]SEKC[339]EVLQYSAR	1
							2	KQC[339]VDHYNEVK	1
NDUAB_HUMAN (Q86Y39) NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase subunit B14.7) (Complex I-B14.7) (CI-B14.7) [MASS=14721]	0.97	16.43	1.54	0.00	1	1	3	EKPDDPLNYFLGGC[339]AGGLTLGAR	1
NDUB7_HUMAN (P17568) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B18 subunit) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1) [MASS=16271]	1.00	13.97	1.26	0.14	3	2	2	DYC[330]AHLIR	1
							2	DYC[339]AHLIR	1
							2	DSFPNFLAC[330]K	1
NDUB9_HUMAN (Q9Y6M9) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B22 subunit) (Complex I-B22) (CI-B22) [MASS=21700]	0.99	7.87	1.08	0.00	1	1	2	VPEWC[330]LDDWHPSEK	1

NDUBA_HUMAN (O96000) NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase PDSW subunit) (Complex I-PDSW) (CI-PDSW) [MASS=20645]	0.95	6.43	1.29	0.00	1	1	2	EGQNYQQNC[339]IK	1
NELFB_HUMAN (Q8WX92) Negative elongation factor B (NELF-B) (Cofactor of BRCA1) [MASS=65697]	*	2.24	*	*	*	1	2	HLQELVGQETLPR	1
NFKB2_HUMAN (Q00653) Nuclear factor NF-kappa-B p100 subunit (DNA-binding factor KBF2) (H2TF1) (Lymphocyte translocation chromosome 10) (Oncogene Lyt-10) (Lyt10) [Contains: Nuclear factor NF-kappa-B p52 subunit] [MASS=96677]	0.00	2.34	1.13	0.00	1	1	2	LGPPPEPPGGLC[330]HGHPQPQVH	1
NIPS2_HUMAN (O75323) Protein NipSnap2 (Glioblastoma amplified sequence) [MASS=33742]	0.29	5.59	1.27	0.00	1	1	3	LQFHNVKPEC[339]LEAYNK	1
NIT1_HUMAN (Q86X76) Nitrilase homolog 1 (EC 3.5.-.-) [MASS=35896]	0.79	5.20	0.98	0.00	1	1	2	LGAC[339]LAFLPEAFDFIAR	1
NMDE1_HUMAN (Q12879) Glutamate [NMDA] receptor subunit epsilon 1 precursor (N-methyl D-aspartate receptor subtype 2A) (NR2A) (NMDAR2A) (hNR2A) [MASS=165281]	0.00	1.09	0.08	0.00	1	1	3	SC[330]LSNM[147]PTYSGHFTMR	1
NNTM_HUMAN (Q13423) NAD(P) transhydrogenase, mitochondrial precursor (EC 1.6.1.2) (Pyridine nucleotide transhydrogenase) (Nicotinamide nucleotide transhydrogenase) [MASS=113895]	1.00	3.87	1.08	0.09	3	3	2	KTC[339]DALQAK	1
							2	EANSIIITPGYGLC[339]AAK	1
							2	QGFNVVVEGAGEASK	1
							2	EANSIIITPGYGLC[330]AAK	1
NPC1_HUMAN (O15118) Niemann-Pick C1 protein precursor [MASS=142166]	*	3.68	*	*	*	2	3	QSQFLNVTATEDYVDPVTNQTK	1
							3	ALGLLC[330]GKDADAC[330]NATNWIEYM[147]FNK	1
NPFF2_HUMAN (Q9Y5X5) Neuropeptide FF receptor 2 (Neuropeptide G-protein coupled receptor) (G-protein coupled receptor 74) (G-protein coupled receptor HLWAR77) [MASS=60270]	0.00	2.68	1.12	0.00	1	1	3	GFQEAFLQLC[339]QKR	1

NR1H2_HUMAN (P55055) Oxysterols receptor LXR-beta (Liver X receptor beta) (Nuclear orphan receptor LXR-beta) (Ubiquitously-expressed nuclear receptor) (Nuclear receptor NER) [MASS=51102]	0.00	2.60	9.38	0.00	1	1	3	GGGTC[339]QM[147]DAFMR	1
NRG2_HUMAN (O14511) Pro-neuregulin-2, membrane-bound isoform precursor (Pro-NRG2) [Contains: Neuregulin-2 (NRG-2) (Neural- and thymus-derived activator for ERBB kinases) (NTAK) (Divergent of neuregulin-1) (DON-1)] [MASS=91678]	*	2.35	*	*	*	2	3 1	VALVKVLDKWPLR TSAGPRR	1 1
NRP1_HUMAN (O14786) Neuropilin-1 precursor (Vascular endothelial cell growth factor 165 receptor) (CD304 antigen) [MASS=103120]	0.00	3.25	0.43	0.00	1	1	3	LVSPVVYSQNSAHC[330]M[147]TFWYHMSGSHVGTLR	1
NSD1_HUMAN (Q96L73) Histone-lysine N-methyltransferase, H3 lysine-36 and H4 lysine-20 specific (EC 2.1.1.43) (H3-K36-HMTase) (H4-K20-HMTase) (Nuclear receptor-binding SET domain-containing protein 1) (NR-binding SET domain-containing protein) (Androgen r [MASS=296650]	*	1.63	*	*	*	2	3 2	EPGIPSLTPQAELPEPAVRSEK LLESNDLDPGFMPKKGDLGLSK	1 1
NSF_HUMAN (P46459) Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) [MASS=82654]	1.00	6.32	1.17	0.03	3	3	1 2 2 3	GILLYGPPGC[339]GK GILLYGPPGC[339]GK QC[330]IGTM[147]TIEIDFLQK LGANSGLHIIIFDEIDAIC[339]K	1 1 1 1
NTRK1_HUMAN (P04629) High affinity nerve growth factor receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 1) (TRK1 transforming tyrosine kinase protein) (p140-TrkA) (Trk-A) [MASS=87497]	0.00	1.38	4.25	0.00	1	1	2	NC[339]LVGQGLVVK	1
NU160_HUMAN (Q12769) Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) [MASS=149000]	0.00	3.04	0.39	1.54	2	2	3 2	MNLTQLYGSNTAGYIVC[330]R MNLTQLYGSNTAGYIVC[339]RGVHK	1 1
NUAK1_HUMAN (O60285) NUAK family, SNF1-like kinase 1 (EC 2.7.11.1) (AMPK-related protein kinase 5) [MASS=74305]	0.00	4.08	1.14	0.00	1	1	3	MEQDLC[339]RTGVLLPSSPEAEVPGKLSPK	1

NUAM_HUMAN (P28331) NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75Kd) (CI-75Kd) [MASS=79467]	1.00	15.82	1.30	0.07	5	7	3	DLLNRVDSDTLC[339]TEEVFPTAGAGTDLR	1
							2	VLFLLGADGGC[339]ITR	1
							2	C[339]IQC[330]TRC[339]IR	1
							2	VLFLLGADGGC[330]ITR	1
							3	DC[339]FIYQGHGHDVGAPIADVILPGAAYTEK	1
							1	FC[339]YHER	1
							2	C[339]IQC[330]TRC[330]IR	1
							2	C[339]VKAVTEGAQAVEEPSIC[339]	1
							2	VVAAC[339]AM[147]PVM[147]K	1
							2	LLEGCG[339]LVGGR	2
NUBM_HUMAN (P49821) NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-51KD) (CI-51KD) (NADH dehydrogenase flavoprotein 1) [MASS=50817]	1.00	16.16	1.13	0.06	7	5	2	HESC[339]GQC[339]TPC[339]R	1
							2	NAC[339]GSGYDFDFVVR	2
							2	PSDGRPKYLVVNADEGEPGTC[330]K	1
							2	LLEGCG[330]LVGGR	1
NUCGL_HUMAN (Q9Y2C4) Endonuclease G-like 1 (EC 3.1.30.-) (Endo G-like) [MASS=41127]	0.98	3.53	1.03	0.00	1	1	2	YLVVNADEGEPGTC[339]KDR	1
							2	C[339]YTNHALSYDQAK	1
NUCM_HUMAN (O75306) NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-49KD) (CI-49KD) [MASS=52545]	*	3.89	*	*	*	1	2	NITLNFGPQHAAHGVLRL	1
							2	FGVVFRRASPR	1
NUKM_HUMAN (O75251) NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-20KD) (CI-20KD) (PSST subunit) [MASS=23563]	*	4.69	*	*	*	1	2	LRLQAETASNSARAAER	1
							1	QAASPLEPK	1
NUMA1_HUMAN (Q14980) Nuclear mitotic apparatus protein 1 (NuMA protein) (SP-H antigen) [MASS=238273]	0.00	1.80	*	*	*	3	3	HQVEQLSSSLK	1
							1	VIAC[330]DGGGGGALGHPK	1
NUMM_HUMAN (O75380) NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-13KD-A) (CI-13KD-A) [MASS=13712]	0.99	12.10	1.05	0.00	1	1	2	VIAC[339]DGGGGGALGHPK	1
							2	VIAC[339]DGGGGGALGHPK	1
NUP50_HUMAN (Q9UKX7) Nucleoporin 50 kDa (Nuclear pore-associated protein 60 kDa-like) [MASS=50144]	0.00	3.21	1.31	0.00	1	1	2	HVNTNPLC[339]DLTPIFK	1

NUP53_HUMAN (Q8NFH5) Nucleoporin NUP53 (Nuclear pore complex protein Nup53) (Nucleoporin Nup35) (35 kDa nucleoporin) (Mitotic phosphoprotein 44) (MP-44) [MASS=34774]	0.00	8.59	0.32	0.00	1	2	2	IFGESIM[147]IGVKPC[330]IDK ISTM[147]RPLATAYK	1 1
O10H3_HUMAN (O60404) Olfactory receptor 10H3 [MASS=35721]	*	3.80	*	*	*	1	2	ELKNAINKNFC[339]R	1
O4A15_HUMAN (Q8NGL6) Olfactory receptor 4A15 (Olfactory receptor OR11-118) [MASS=35306]	0.00	11.46	0.55	0.00	1	2	3	NNVTEFILLGLTQNPEGQK YM[147]AIC[330]KPLHELITMNRR	1 1
O51B4_HUMAN (Q9Y5P0) Olfactory receptor 51B4 (Odorant receptor HOR5'beta1) [MASS=34926]	0.00	2.90	4.17	0.00	1	1	2	YNC[339]ILTNSR	1
OBSCN_HUMAN (Q5VST9) Obscurin (Obscurin-myosin light chain kinase) (Obscurin- MLCK) (Obscurin-RhoGEF) [MASS=868479]	0.00	1.82	0.28	0.00	1	10	1	TLSPGPK	1
							3	LLEPVC[339]GELGGTVTLAC[330]ELSPAC[330]AEVWVR	1
							3	AEGAPASPPSTGTR	1
							3	LQVAELEPQISER	1
							1	LSSSSK	1
							2	EGATAVLQC[330]ELNSAAPVEWR	1
							2	TSAMLTVRAM[147]PSK	1
							2	LEVRVKPVVFLK	1
							2	GTAVFTC[339]KTEHPAATVTWRK	1
							2	VVFAKEQPVHR	1
ODB2_HUMAN (P11182) Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor (EC 2.3.1.168) (Dihydrolipoyllysine-residue (2- methylpropanoyl)transferase) (E2) (Dihydrolipoamide branched chain tra [MASS=53487]	0.99	14.73	0.95	0.00	1	4	1	KTLATPAVRR	1
							3	PVIMPPEVAIGALGSIKAI PRFNQK	1
							2	IPHFGYC[339]DEIDLTELVK	1
							2	IPHFGYC[339]DEIDLTELVKLR	1
ODO1_HUMAN (Q02218) 2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) [MASS=113475]	0.99	1.30	0.82	0.00	1	1	2	KELEQIFC[339]QFDSK	1

ODP2_HUMAN (P10515) Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.12) (Pyruvate dehydrogenase complex E2 subunit) (PDCE2) (E2) (Dihydrolipoamide S-acetyltransferase component [MASS=65781]	1.00	9.77	1.03	0.06	4	3	2 DVPIGAIIC[330]ITVGKPEDIEAFK	1
							3 NFSAIINPPQAC[339]ILAIGASEDKLVPADNEK	1
							1 ASALAC[339]LK	1
							2 DVPIGAIIC[339]ITVGKPEDIEAFK	1
							2 ASALAC[330]LK	1
ODPB_HUMAN (P11177) Pyruvate dehydrogenase E1 component subunit beta, mitochondrial precursor (EC 1.2.4.1) (PDHE1-B) [MASS=39219]	0.99	7.80	0.96	0.00	1	1	3 GPNGASAGVAAQHSQC[330]FAAWYGHC[330]PGLK	1
ODPX_HUMAN (O00330) Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) (E3-binding protein) [MASS=54122]	0.98	3.79	1.28	0.00	1	1	2 STVPHAYATADC[339]DLGAVLK	1
OPA1_HUMAN (O60313) Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy 1 gene protein) [MASS=111657]	*	7.29	*	*	*	3	3 TQEQC[330]VHNETKNELEK	1
							3 C[339]NEEHPAYLASDEITTVRKNLESR	1
							3 M[147]VLVDLPGVINTVTSGMAPDTKETIFSISK	1
OPTN_HUMAN (Q96CV9) Optineurin (Optic neuropathy-inducing protein) (E3-14.7K-interacting protein) (FIP-2) (Huntingtin-interacting protein HYPL) (NEMO-related protein) (Transcription factor IIIA-interacting protein) (TFIIIA-IntP) [MASS=65922]	0.00	6.41	*	*	*	2	3 KLELQVESMLSEIKMEQAK	1
							2 LQAEKADLLGIVSELQLK	1
ORC1_HUMAN (Q13415) Origin recognition complex subunit 1 (Replication control protein 1) [MASS=97349]	*	2.44	*	*	*	1	3 FRPLSSELFaelnkpQESAak	1
OX1R_HUMAN (O43613) Orexin receptor type 1 (Ox1r) (Hypocretin receptor type 1) [MASS=47522]	*	4.24	*	*	*	1	2 M[147]EPSATPGAQMgvppGSR	1
OZF_HUMAN (Q15072) Zinc finger protein OZF (Only zinc finger protein) (Zinc finger protein 146) [MASS=33280]	0.00	5.14	4.42	0.00	1	1	2 IYSGENPFAC[339]KVC[339]GK	1

P2Y13_HUMAN (Q9BPV8) P2Y purinoceptor 13 (P2Y13) (G-protein coupled receptor 86) (G-protein coupled receptor 94) [MASS=38440]	0.00	7.21	0.41	0.00	1	1	3	ETTLFLAATNIC[330]M[147]DPLIYIFLC[330]KK	1
P3H2_HUMAN (Q8IVL5) Prolyl 3-hydroxylase 2 precursor (EC 1.14.11.7) (Leprecan-like protein 1) (Myxoid liposarcoma-associated protein 4) [MASS=80984]	*	3.53	*	*	*	1	3	LESELIKSAEGLGFSYTEPNYWIR	1
PANK4_HUMAN (Q9NVE7) Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (hPanK4) [MASS=85990]	0.00	2.46	1.60	0.00	1	1	3	SLLHMISNDIGQLAC[339]LHAR	1
							2	VTVAGLAGKDPVQC[339]SR	2
PARK7_HUMAN (Q99497) Protein DJ-1 (Oncogene DJ1) [MASS=19891]	1.00	27.51	0.99	0.06	4	3	2	VTVAGLAGKDPVQC[330]SR	1
							2	GLIAAIC[330]AGPTALLAHEIGFGSK	1
							3	MM[147]NGGHYTYSEN	1
PCD15_HUMAN (Q96QU1) Protocadherin-15 precursor [MASS=216027]	0.00	0.61	1.53	0.00	1	1	2	C[339]TTNLM[147]PAEKIK	1
PCDAC_HUMAN (Q9UN75) Protocadherin alpha 12 precursor (PCDH-alpha12) [MASS=101651]	*	2.55	*	*	*	1	2	HGDLLEVNLQNGILFVNSRIDREK	1
PCOC2_HUMAN (Q9UKZ9) Procollagen C-endopeptidase enhancer 2 precursor (Procollagen COOH-terminal proteinase enhancer 2) (Procollagen C-proteinase enhancer 2) (PCPE-2) [MASS=45716]	0.00	9.64	1.11	0.00	1	2	3	FIDLESDNLC[330]RYDFVDVYNGHANGQR	1
							2	YC[339]GDSPPAPIV	1
PDCD8_HUMAN (Q95831) Programmed cell death protein 8, mitochondrial precursor (EC 1.-.-) (Apoptosis-inducing factor) [MASS=66900]	*	4.08	*	*	*	2	1	TTLFR	1
							2	EGVKVM[147]PNAIVQSVGVSSGK	1
PDE8A_HUMAN (O60658) High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (EC 3.1.4.17) [MASS=93303]	0.00	7.48	4.80	0.00	1	3	3	EAQAVLAC[339]FLDKHHDIIIDHRNPR	1
							3	RHSSMARIHSMTEAPITK	1
							2	TAALPRTRGAGLLESEL	1
PDK2_HUMAN (Q15119) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 2) [MASS=46154]	0.99	5.65	0.63	0.00	1	2	2	HIGSIDPNC[339]NVSEVVK	1
							2	TSFTFLR	1

PDK3_HUMAN (Q15120) [Pyruvate dehydrogenase [lipoamide]] kinase isozyme 3, mitochondrial precursor (EC 2.7.11.2) (Pyruvate dehydrogenase kinase isoform 3) [MASS=46939]	0.99	8.87	1.18	0.00	1	2	2 3	HIGSIDPTC[339]NVADVVK QFLDFGRDNAC[330]EKTSYMFLR	1 1
PDYN_HUMAN (P01213) Beta-neoendorphin-dynorphin precursor (Proenkephalin B) (Prodynorphin) [Contains: Beta-neoendorphin; Dynorphin; Leu-enkephalin; Rimorphin; Leumorphin] [MASS=28385]	0.00	7.09	1.79	0.00	1	1	3	C[339]QSFLSFFTPSTLGLNDK	1
PDZK3_HUMAN (O15018) PDZ domain-containing protein 3 (PDZ domain-containing protein 2) (Activated in prostate cancer protein) [MASS=301609]	*	3.06	*	*	*	8	2	DSQVPVTSSVVPEAK	1
							2	IWKMELLK	1
							3	PPLATSGPLKPSVSDTSIR	1
							1	VSISSSK	1
							3	C[330]PPGPVRLVIGRHPNPK	1
							2	AC[330]PGGSGPK	1
							1	SFSMAK	2
							1	EPGKPR	5
PEBP1_HUMAN (P30086) Phosphatidylethanolamine-binding protein 1 (PEBP-1) (Prostatic-binding protein) (HCNPpp) (Neuropolypeptide h3) (Raf kinase inhibitor protein) (RKIP) [Contains: Hippocampal cholinergic neurostimulating peptide (HCNP)] [MASS=20925]	0.86	4.84	0.94	0.00	1	1	2	C[339]DEPILSNR	1
PERQ1_HUMAN (O75420) PERQ amino acid rich with GYF domain protein 1 [MASS=89740]	0.00	1.59	0.59	0.00	1	1	3	SC[330]FGASTWGLSMK	1
PGK1_HUMAN (P00558) Phosphoglycerate kinase 1 (EC 2.7.2.3) (Primer recognition protein 2) (PRP 2) [MASS=44483]	0.88	4.09	0.86	0.00	1	1	2	AC[330]ANPAAGSVILLENLR	1
PHAR1_HUMAN (Q9C0D0) Phosphatase and actin regulator 1 [MASS=66308]	*	5.34	*	*	*	1	3	FFYSQGAQARRATLLLPPTLM[147]AASSEDIDR	1

PHLD1_HUMAN (P80108) Phosphatidylinositol-glycan-specific phospholipase D 1 precursor (EC 3.1.4.50) (PI-G PLD) (Glycoprotein phospholipase D) (Glycosyl-phosphatidylinositol-specific phospholipase D) [MASS=92374]	*	0.95	*	*	*	1	1	LGHLLHIR	1
PI51C_HUMAN (O60331) Phosphatidylinositol-4-phosphate 5-kinase type-1 gamma (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type I gamma) (PtdIns(4)P-5-kinase gamma) (PtdInsPKIgamma) (PIP5KIgamma) [MASS=73259]	*	4.64	*	*	*	2	2 3	GERLLHHIGIIDILQSYR NIRVVVMNNILPR	1 1
PITM2_HUMAN (Q9BZ72) Membrane-associated phosphatidylinositol transfer protein 2 (Phosphatidylinositol transfer protein, membrane-associated 2) (Pyk2 N-terminal domain-interacting receptor 3) (NIR-3) [MASS=148932]	0.00	3.26	1.27	0.00	1	2	2 3	VYHVGMIHPSWFRSILPKAALR FDFEITDLFLFGC[339]PLGLVLALR	1 1
PK1L1_HUMAN (Q8TDX9) Polycystic kidney disease 1-like 1 protein (Polycystin-1L1) [MASS=315433]	*	1.76	*	*	*	3	2 2 2	SERFSPQPGTSPEKVNC[339]SYHR NLSTLQLM[147]GSYTEIR GPSPGWFISHVM[147]VK	1 1 1
PK3CG_HUMAN (P48736) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform (EC 2.7.1.153) (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase subunit p110) (PI3K) (PI3Kgamma) (p120-PI3K) [MASS=126453]	0.79	3.72	0.42	0.13	2	2	2 3	KIANN[C330]IFIVIHR AEM[147]PNQLRKQLEAIIATDPLNPLTAEDK	2 1
PLCG2_HUMAN (P16885) 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 2 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-2) (Phospholipase C-gamma-2) (PLC-IV) [MASS=147936]	0.00	3.32	*	*	*	3	2 1 3	HFVLGTSAYFESLVELVSYYEK RNSISLR PDASAVYLRDFQR	1 1 6
PLRG1_HUMAN (O43660) Pleiotropic regulator 1 [MASS=57193]	*	2.92	*	*	*	1	2	SLKRTHDM[147]FVADNGK	1

PLXA2_HUMAN (O75051) Plexin-A2 precursor (Semaphorin receptor OCT) [MASS=212654]	*	2.30	*	*	*	2	3 2	IEPEWSIASGHTPLTITGFNLVDVIQEP YLSSEDKLIRQQIEYK	1 1
PLXA3_HUMAN (P51805) Plexin-A3 precursor (Plexin-4) (Semaphorin receptor SEX) [MASS=207664]	0.00	1.66	0.99	0.00	1	2	3 3	TLTLHC[339]VC[339]PENEGSAQVPVK LQLLSKETGVR	1 1
PLXB2_HUMAN (O15031) Plexin-B2 precursor (MM1) [MASS=205098]	*	1.25	*	*	*	2	2 1	RDTTHNLPEFIVKFGSR ISVAGR	1 1
PLXD1_HUMAN (Q9Y4D7) Plexin-D1 precursor [MASS=212094]	0.00	4.05	0.75	0.00	1	4	3 2 3 2	NLNVSFQGC[339]GM[147]DSL SVRAMDTDTLTQVKEK GNISAVAVR C[339]SLASLLTIALHGKLEYYSIM[147]K GPLQPM[147]AGTC[330]PAPEIR	1 1 1 1
PO3F2_HUMAN (P20265) POU domain, class 3, transcription factor 2 (Nervous system-specific octamer-binding transcription factor N-Oct-3) (Brain-specific homeobox/POU domain protein 2) (Brain-2) (Protein Brn-2) [MASS=46892]	0.00	6.77	1.30	0.00	1	2	2 3	PSVVVQQGGR C[339]PKPSAQEITSLADSLQLEK	1 1
PO5F1_HUMAN (Q01860) POU domain, class 5, transcription factor 1 (Octamer-binding transcription factor 3) (Oct-3) (Oct-4) [MASS=38570]	0.00	7.22	*	*	*	2	1 2	TSIENRVR VFSQTTIC[339]RFEALQLSFK	1 1
PP1A_HUMAN (P62136) Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) [MASS=37512]	1.00	3.03	1.11	0.00	2	1	2 2	GNHEC[330]ASINR GNHEC[339]ASINR	1 1
PPIA_HUMAN (P62937) Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPIase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) [MASS=17881]	0.75	8.54	0.85	0.00	1	1	2	IIPGFM[147]C[330]QGGDFTR	1
PPT1_HUMAN (P50897) Palmitoyl-protein thioesterase 1 precursor (EC 3.1.2.22) (Palmitoyl-protein hydrolase 1) [MASS=34193]	0.38	7.84	0.50	0.00	1	1	3	C[330]PSPPM[147]INLISVGGQHQQGVFGLPR	1
PRD11_HUMAN (Q9NQV5) PR domain-containing protein 11 [MASS=57033]	0.00	10.71	0.19	0.00	1	2	3 3 3	M[147]LKM[147]AEPIASLMIVEC[339]RAC[330]LR DTSGESDVRC[330]VNEVIPKGHIFGPYEGQISTQDK MLKMAEPIASLMIVEC[330]RAC[330]LR	1 1 1
PRD15_HUMAN (P57071) PR domain zinc finger protein 15 (PR domain-containing protein 15) (Zinc finger protein 298) [MASS=169203]	*	2.52	*	*	*	2	3 3	LC[330]HLVAQGRSSLPPNLEIRR HIMEVHKEKGXGC[330]SIC[339]NR	1 1

PRD16_HUMAN (Q9HAZ2) PR domain zinc finger protein 16 (PR domain-containing protein 16) (Transcription factor MEL1) [MASS=140261]	*	5.41	*	*	*	3	3	MFPNKYSLEQHM[147]VIHTEEREYK	1
							3	DC[339]ERMFPNKYSLEQHM[147]VIHTEER	1
							3	PEGLGGSGQAHEC[330]KDC[330]ERM[147]FPNK	1
PRDX3_HUMAN (P30048) Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Peroxiredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5 homolog) (HBC189) [MASS=27692]	1.00	41.80	0.56	0.05	2	4	3	NGGLGHM[147]NIALLSDLTKQISR	1
							2	YLVFFYPPLDFTFVC[339]PTEIVAFSDK	1
							3	AFQYVETHGEVC[339]PANWTPDSPTIKPSPAASK	1
							3	ANEFHDVNC[339]EVVAVSVDSHFSLAWINTPR	1
PRDX5_HUMAN (P30044) Peroxiredoxin-5, mitochondrial precursor (EC 1.11.1.15) (Prx-V) (Peroxisomal antioxidant enzyme) (PLP) (Thioredoxin reductase) (Thioredoxin peroxidase PMP20) (Antioxidant enzyme B166) (AOEB166) (TPx type VI) (Liver tissue 2D-page spo [MASS=22026]	1.00	7.48	1.09	0.01	3	1	2	GVLFVGPGAFTPGC[339]SK	2
							2	GVLFVGPGAFTPGC[330]SK	1
PREX1_HUMAN (Q8TCU6) Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein (P-Rex1 protein) [MASS=186203]	*	2.29	*	*	*	2	3	EEAVALGVGLC[330]NNGFMHHVLEKSEFR	1
							3	GPVM[147]SRAFEETK	1
PROD_HUMAN (Q43272) Proline oxidase, mitochondrial precursor (EC 1.5.3.-) (Proline dehydrogenase) [MASS=59216]	0.99	6.01	0.92	0.00	1	2	2	M[147]DVLAKKATEMGVR	1
							2	FNVEKPLIFNTYQC[339]YLK	1
PSL1_HUMAN (Q8TCT7) Signal peptide peptidase-like 2B (EC 3.4.23.-) (Protein SPP-like 2B) (Protein SPPL2b) (Intramembrane protease 4) (IMP4) (Presenilin-like protein 1) [MASS=64643]	*	3.89	*	*	*	1	3	TSEEMGAGAPMREPGSPAESEGR	1
PUR4_HUMAN (O15067) Phosphoribosylformylglycinamide synthase (EC 6.3.5.3) (FGAM synthase) (FGAMS) (Formylglycinamide ribotide amidotransferase) (FGARAT) (Formylglycinamide ribotide synthetase) [MASS=144663]	0.00	3.14	0.28	0.70	3	2	3	RIVLVDDREC[330]PVR	3
							3	GVAFVGGSFYADVLGSAKGWAAAVTFHPR	1
PX11C_HUMAN (Q96HA9) Peroxisomal membrane protein 11C (Peroxin-11C) (Peroxisomal biogenesis factor 11C) (PEX11gamma) (Pex11pgamma) [MASS=26636]	0.00	4.98	4.13	0.00	1	1	3	LLVVSTQLSHC[339]R	1

PYC_HUMAN (P11498) Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) [MASS=129633]	0.98	0.76	1.42	0.00	1	1	1	AGTHILC[339]JK	1
QOR_HUMAN (Q08257) Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin) [MASS=35206]	1.00	6.99	0.90	0.08	2	2	2	ALIHSAC[330]VK	1
							2	VHAC[339]GVNPPVETYIR	1
RAC1_HUMAN (P63000) Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) (Ras-like protein TC25) [MASS=21450]	1.00	11.98	0.47	0.84	3	2	2	HHC[330]PNTPIILVGTK	1
							1	AVLC[330]PPPVK	1
							3	HHC[330]PNTPIILVGTK	1
RAMP1_HUMAN (O60894) Receptor activity-modifying protein 1 precursor (CRLR activity-modifying protein 1) (Calcitonin-receptor-like receptor activity-modifying protein 1) [MASS=16988]	0.00	8.11	0.73	0.00	1	1	2	LGC[330]FWPNAEVDR	1
RBCC1_HUMAN (Q8TDY2) RB1-inducible coiled-coil protein 1 [MASS=183060]	*	1.07	*	*	*	2	2	KNEEMQNVR	1
							1	EIVLEDLK	1
RBP22_HUMAN (Q53T03) Ran-binding protein 2-like 2 (RanBP2L2) [MASS=198922]	*	1.02	*	*	*	1	3	YWVERAAKLFPGPSPIYK	1
RECK_HUMAN (O95980) Reversion-inducing cysteine-rich protein with Kazal motifs precursor (hRECK) (Suppressor of tumorigenicity 15) (ST15) [MASS=106457]	0.00	2.27	0.30	0.00	1	2	2	MPFINIPVLDIK	1
							2	C[330]PSLLAAGC[330]K	1
RED2_HUMAN (Q9NS39) Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (dsRNA adenosine deaminase B2) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) [MASS=80621]	0.00	4.06	1.85	0.00	1	2	2	M[147]EGVGQLPASRYHNR	1
							3	TPSPGDTPSMYC[339]EAK	1
REXO1_HUMAN (Q8N1G1) RNA exonuclease 1 homolog (EC 3.1.-.-) (Elongin A-binding protein 1) (EloA-BP1) (Transcription elongation factor B polypeptide 3-binding protein 1) [MASS=131529]	0.00	5.57	0.28	0.00	1	4	3	NRVAGGWETQYM[147]C[330]C[330]SAAAGSVGC[330]QVAK	1
							2	NIYLNVAVENTLKKLR	1
							2	GGGGGGALEYVPKAVSQPR	1
							2	PKDSSC[339]R	2
RGS19_HUMAN (P49795) Regulator of G-protein signaling 19 (RGS19) (G-alpha-interacting protein) (GAIP protein) [MASS=24636]	0.00	8.29	0.98	0.00	1	1	2	TEYSEENMLFWLAC[330]EELK	1

RHOA_HUMAN (P61586) Transforming protein Rho precursor (H12) [MASS=21768]	1.00	24.35	0.87	0.04	3	3	3	KLIVVGDGAC[339]GKTC[339]LLIVFSK	1
							2	HFC[339]PNVPILVGNK	1
							2	HFC[330]PNVPILVGNK	1
							2	IGAFGYM[147]EC[339]SAK	1
RHOB_HUMAN (P62745) Rho-related GTP-binding protein RhoB precursor (H6) [MASS=22123]	0.99	7.14	1.01	0.00	1	1	2	HFC[330]PNVPILVANK	1
RIB1_HUMAN (P04843) Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precursor (EC 2.4.1.119) (Ribophorin I) (RPN-I) [MASS=68569]	*	3.46	*	*	*	2	2	RIGLYRHFDETVNR	1
							1	DPAAEAR	1
RIMB1_HUMAN (O95153) Peripheral-type benzodiazepine receptor-associated protein 1 (PRAX-1) (Peripheral benzodiazepine receptor-interacting protein) (PBR-IP) (RIM-binding protein 1) (RIM-BP1) [MASS=200149]	0.00	0.48	*	*	*	1	1	NAELAVIAK	1
RIOK1_HUMAN (Q9BRS2) Serine/threonine-protein kinase RIO1 (EC 2.7.11.1) (RIO kinase 1) [MASS=65583]	0.00	3.70	1.92	0.00	1	1	3	KDC[339]ANVNDFFMRHSVAVMTVR	1
RIPK2_HUMAN (O43353) Receptor-interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (RIP-like-interacting CLARP kinase) (Receptor-interacting protein 2) (RIP-2) (CARD-containing interleukin-1 beta-converting enzyme-associated kinase) (CARD-containi [MASS=61195]	*	4.81	*	*	*	1	2	SSKSAPEGGTIIYM[147]PPENYEPGQKSR	1
RIPK5_HUMAN (Q6XUX3) Receptor-interacting serine/threonine-protein kinase 5 (EC 2.7.11.1) (Dusty protein kinase) (Dusty PK) (RIP-homologous kinase) [MASS=105258]	*	3.23	*	*	*	2	3	KVAQEAIESLSASK	1
							2	QEEMKDM[147]IVETLNTMK	1
RIR2B_HUMAN (Q7LG56) Ribonucleoside-diphosphate reductase M2 subunit B (EC 1.17.4.1) (TP53-inducible ribonucleotide reductase M2 B) (p53-inducible ribonucleotide reductase small subunit 2-like protein) (p53R2) [MASS=40736]	*	4.27	*	*	*	1	2	EFLFNAIETM[147]PYVKK	1
RL10A_HUMAN (P62906) 60S ribosomal protein L10a (CSA-19) [MASS=24700]	0.00	6.02	0.23	0.00	1	1	3	KVLC[330]LAVAVGHVK	1

RL24_HUMAN (P83731) 60S ribosomal protein L24 (Ribosomal protein L30) [MASS=17779]	0.00	7.64	0.81	0.00	1	1	2	M[147]KVELC[330]SFSGYK	1
RL9_HUMAN (P32969) 60S ribosomal protein L9 [MASS=21863]	1.00	13.02	0.95	0.01	2	2	2	TIC[339]SHVQNM[147]IK	1
RNBP6_HUMAN (O60518) Ran-binding protein 6 (RanBP6) [MASS=124713]	*	2.17	*	*	*	1	3	MRPGVAC[330]SVSQAQK	1
								TQSDLNNM[147]EDDDPQTSYM[147]VSAWAR	1
RNF31_HUMAN (Q96EP0) RING finger protein 31 (Zinc in-between-RING-finger ubiquitin-associated domain protein) [MASS=119651]	*	3.64	*	*	*	2	3	GLGLGTEGPQGTGGLEPDLAR	1
							2	LLQDNNVMFNTEPPAGAR	1
RPC1_HUMAN (O14802) DNA-directed RNA polymerase III largest subunit (EC 2.7.7.6) (RPC155) (RPC1) [MASS=155748]	*	3.45	*	*	*	2	3	SSTGDIIQFIYGGDGLDPAAMEGKDEPLEFKR	1
							2	KNIC[330]HHC[339]GAFNGTVKK	1
RPP29_HUMAN (O95707) Ribonuclease P protein subunit p29 (EC 3.1.26.5) (hPOP4) [MASS=25425]	0.00	16.36	0.84	0.00	1	2	2	STPRM[147]SPQAREDQLQR	2
							3	LNC[339]VFTVETDGFISYIYGSK	1
RPTN_HUMAN (Q6XPR3) Repetin [MASS=90730]	*	3.06	*	*	*	1	2	QDGDSSHGQPERQDRDRSHHGQSEK	1
RPTOR_HUMAN (Q8N122) Regulatory-associated protein of mTOR (Raptor) (P150 target of rapamycin (TOR)-scaffold protein) [MASS=149037]	0.00	2.40	1.53	0.00	1	2	3	HC[339]EKIEGSKSLAQSWR	1
							2	GPEQTADDADDAAGHK	1
RS8_HUMAN (P62241) 40S ribosomal protein S8 [MASS=24074]	0.00	5.80	0.34	0.00	1	1	2	NC[330]IVLIDSTPYR	1
RSMB_HUMAN (P14678) Small nuclear ribonucleoprotein-associated proteins B and B' (snRNP-B) (Sm protein B/B') (Sm-B/Sm-B') (SmB/SmB') [MASS=24610]	*	7.50	*	*	*	1	3	C[339]ILQDGRIFIGTFKAQFDK	1
RT06_HUMAN (P82932) Mitochondrial 28S ribosomal protein S6 (S6mt) (MRP-S6) [MASS=14095]	0.40	16.94	0.95	0.00	1	1	3	HPLTQELKEC[330]EGIVPVPLAEK	1
RT32_HUMAN (Q9Y6G3) Mitochondrial 28S ribosomal protein S32 (S32mt) (MRP-S32) [MASS=16661]	*	4.23	*	*	*	1	1	NLNPPK	1
RTEL1_HUMAN (Q9NZ71) Regulator of telomere elongation helicase 1 (EC 3.6.1.-) (Helicase-like protein NHL) [MASS=152373]	*	0.86	*	*	*	1	3	FSM[147]FVRPHHKQR	1

RTN4_HUMAN (Q9NQC3) Reticulon-4 (Neurite outgrowth inhibitor) (Nogo protein) (Foocen) (Neuroendocrine-specific protein) (NSP) (Neuroendocrine-specific protein C homolog) (RTN-x) (Reticulon-5) [MASS=129930]	0.47	6.46	1.36	0.00	1	3	3	EPENINAALQETEAPYISIAc[330]DLIK	1
							3	SEIANAPDGAGSLPC[339]TELPHDLSLKNIQPK	1
							3	IPLQMEELSTAVYSNDDLFIK	1
S10AB_HUMAN (P31949) Protein S100-A11 (S100 calcium-binding protein A11) (Protein S100C) (Calgizzarin) (MLN 70) [MASS=11740]	1.00	30.48	1.28	0.02	3	1	3	KLDTNSDGQLDFSEFLNLIGGLAM[147]AC[339]HDSFLK	1
							3	KLDTNSDGQLDFSEFLNLIGGLAMAC[339]HDSFLK	1
							3	KLDTNSDGQLDFSEFLNLIGGLAM[147]AC[330]HDSFLK	1
S5A1_HUMAN (P18405) 3-oxo-5-alpha-steroid 4-dehydrogenase 1 (EC 1.3.99.5) (Steroid 5-alpha-reductase 1) (SR type 1) (S5AR) [MASS=29458]	0.00	10.42	3.60	0.00	1	2	3	C[339]LIYPFLM[147]R	1
							2	SAPNC[330]ILLAMFLVHYGHR	1
SACS_HUMAN (Q9NZJ4) Sacsin [MASS=436973]	0.00	1.20	0.63	0.00	1	2	3	LRSDGAELLMFLNHM[147]EKISIC[339]EIDK	1
							3	VFHALMKAGC[330]IQLALNKIC[330]SK	1
SAM50_HUMAN (Q9Y512) Sorting and assembly machinery component 50 homolog [MASS=51962]	1.00	7.89	1.18	0.04	3	3	2	IC[339]DGVQFGAGIR	1
							2	TKDDIIIC[339]EIGDVFK	1
							2	TKDDIIIC[330]EIGDVFK	1
							2	EKLLRLGIFR	1
SAMH1_HUMAN (Q9Y3Z3) SAM domain and HD domain-containing protein 1 (Dendritic cell-derived IFNG-induced protein) (DCIP) (Monocyte protein 5) (MOP-5) [MASS=72200]	0.67	2.56	2.43	0.00	1	1	3	ENEITGALLPC[339]LDESR	1
SAP_HUMAN (P07602) Proactivator polypeptide precursor [Contains: Saposin A (Protein A); Saposin B-Val; Saposin B (Sphingolipid activator protein 1) (SAP-1) (Cerebroside sulfate activator) (CSAct) (Dispersin) (Sulfatide/GM1 activator); Saposin C (Co-beta- [MASS=58112]	1.00	5.34	1.06	0.06	6	2	2	GC[339]SFLPDPYQK	3
							2	GC[330]SFLPDPYQK	3
							3	VASKNVIPALELVEPIK	1
SATT_HUMAN (P43007) Neutral amino acid transporter A (SATT) (Alanine/serine/cysteine/threonine transporter) (ASCT1) [MASS=55723]	1.00	6.77	0.78	0.01	2	2	3	M[147]IILPLVVC[339]SLVSGAASLDASC[330]LGR	1
							2	C[339]IEENNGVDKR	1
							2	C[330]IEENNGVDKR	1
SCAM4_HUMAN (Q969E2) Secretory carrier-associated membrane protein 4 (Secretory carrier membrane protein 4) [MASS=25728]	0.00	10.92	0.90	0.00	1	1	3	FIPVKPC[330]FYQNFSDEIPVEHQVLVK	1

SCOT_HUMAN (P55809) Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.3.5) (Somatic-type succinyl CoA:3-oxoacid CoA-transferase) (Scot-S) [MASS=56157]	1.00	9.04	1.24	0.24	5	3	2	STGC[339]DFAVSPK	2
							2	STGC[330]DFAVSPK	1
							2	DIPDGATVLVGGFGLC[339]GIPENLIDALLK	1
							2	C[339]TLPLTGK	1
SCRN1_HUMAN (Q12765) Secernin-1 [MASS=46382]	0.00	4.11	0.88	0.00	1	1	2	TQSPC[330]FGDDDPAPKEPR	1
SEM3A_HUMAN (Q14563) Semaphorin-3A precursor (Semaphorin III) (Sema III) [MASS=88889]	*	1.30	*	*	*	1	2	ALVYWQFQRR	1
SEM3D_HUMAN (O95025) Semaphorin-3D precursor [MASS=89651]	*	1.54	*	*	*	1	3	IPYPRPGTC[330]PSK	2
SENP6_HUMAN (Q9GZR1) Sentrin-specific protease 6 (EC 3.4.22.-) (Sentrin/SUMO-specific protease SENP6) (SUMO-1-specific protease 1) [MASS=126144]	0.00	2.07	2.23	0.00	1	2	1	KARMK	1
							2	RHC[339]STYQPTPPLSPASKK	1
SEPT7_HUMAN (Q16181) Septin-7 (CDC10 protein homolog) [MASS=50680]	0.97	3.20	0.94	0.00	1	1	2	ADTLTPEEC[330]QQFKK	1
SEPT8_HUMAN (Q92599) Septin-8 [MASS=55625]	0.98	12.86	1.06	0.00	1	3	3	DESYRPVDYIDAQFENYLQEELK	1
							2	SVTQGFSFNILC[339]VGETGIGK	1
							3	NRSDIGAHQPMSLSSSK	1
SERA_HUMAN (O43175) D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) [MASS=56519]	0.99	3.57	1.04	0.00	1	1	2	ALVDHENVISC[330]PHLGASTK	1
SETB2_HUMAN (Q96T68) Probable histone-lysine N-methyltransferase, H3 lysine-9 specific (EC 2.1.1.43) (Histone H3-K9 methyltransferase) (H3-K9-HMTase) (SET domain bifurcated 2) (Chronic lymphocytic leukemia deletion region gene 8 protein) [MASS=81854]	*	2.09	*	*	*	1	2	EILSLEDKVVDFREK	1
SFR15_HUMAN (O95104) Splicing factor, arginine/serine-rich 15 (CTD-binding SR-like protein RA4) [MASS=125868]	*	5.14	*	*	*	3	3	PM[147]PPHMMHRGPPPGGGFAMPPPHGM[147]K	1
							3	HRDLEERNR	1
							3	MDAVNAFNQELFSLMDM[147]KPPISR	1
SFRP3_HUMAN (Q92765) Secreted frizzled-related protein 3 precursor (sFRP-3) (Frizzled-related protein 1) (FrzB-1) (Frezzed) (Fritz) [MASS=36254]	0.00	4.00	0.10	0.00	1	1	3	MVC[330]GSPGGMLLLR	1

SFRP4_HUMAN (Q6FHJ7) Secreted frizzled-related protein 4 precursor (sFRP-4) (Frizzled protein, human endometrium) (FrpHE) [MASS=39827]	0.00	3.76	0.26	0.00	1	1	2	M[147]M[147]LLENC[330]LVEKWR	1
SHPS1_HUMAN (P78324) Tyrosine-protein phosphatase non-receptor type substrate 1 precursor (SHP substrate 1) (SHPS-1) (Inhibitory receptor SHPS-1) (Signal-regulatory protein alpha-1) (Sirp-alpha-1) (Sirp-alpha-2) (Sirp-alpha-3) (MyD-1 antigen) (Brain Ig-I) [MASS=54812]	0.76	2.98	1.19	0.00	1	1	2	LTC[330]QVEHDGQPAVSK	2
SIA4C_HUMAN (Q11206) CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase (EC 2.4.99.-) (Beta-galactoside alpha-2,3-sialyltransferase) (Alpha 2,3-sialyltransferase IV) (Alpha 2,3-ST) (GalNAc6S) (STZ) (SIAT4-C) (ST3Gal III) (SAT-3) (ST- [MASS=38045]	*	9.61	*	*	*	1	3	PTTGLLAITLALHLC[330]DLVHIAGFGYPDAYNKK	1
SIN3B_HUMAN (O75182) Paired amphipathic helix protein Sin3b (Transcriptional corepressor Sin3b) (Histone deacetylase complex subunit Sin3b) [MASS=133066]	*	1.29	*	*	*	1	3	EM[147]FTIHAYVGFTMDK	1
SIPA1_HUMAN (Q96FS4) Signal-induced proliferation-associated protein 1 (Sipa-1) (GTPase-activating protein Spa-1) (p130 SPA-1) [MASS=112148]	0.00	5.85	1.03	0.00	1	3	3 3 2	VAAGAQASGPEGIEVPC[330]LLGISAEALVLVAPR SGSDAGEARPPTPASPRAR PGSPSGSEDK	1 1 1
SIRB1_HUMAN (O00241) Signal-regulatory protein beta-1 precursor (SIRP-beta-1) (CD172b antigen) [MASS=43255]	0.22	8.29	1.24	0.00	1	2	3 3	GLQLTWLENGNVS ATPEHTVSFTC[339]ESHGFSR	1 1
SIRT2_HUMAN (Q8IXJ6) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2-like protein 2) [MASS=43182]	1.00	12.08	1.01	0.01	2	2	3 3 3	C[339]EDC[339]QSLVKPDIVFFGESLPAR EKAGQSDPFLGM[147]IM[147]GLGGGM[147]DFDSK C[330]EDC[330]QSLVKPDIVFFGESLPAR	1 1 1
SLIK4_HUMAN (Q8IW52) SLIT and NTRK-like protein 4 precursor [MASS=94330]	*	3.82	*	*	*	2	2 3	KRLSTIDELDELFP C[330]ETPVQFANIELKSLK	1 1
SLIT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) [Contains: Slit homolog 2 protein N-product; Slit homolog 2 protein C-product] [MASS=169869]	0.00	2.22	0.73	0.00	1	2	3 3	INEPIC[330]QC[330]LPGYQGEK TSPC[339]DNFDC[339]QNGAQC[339]IVR	1 1

SMAD6_HUMAN (O43541) Mothers against decapentaplegic homolog 6 (SMAD 6) (Mothers against DPP homolog 6) (Smad6) (hSMAD6) [MASS=53496]	0.00	3.43	0.93	0.00	1	2	2	GGVPGGC[339]VLVPR	1
							1	M[147]FRSK	2
SMBT2_HUMAN (Q5VUG0) Scm-like with four MBT domains protein 2 [MASS=100562]	0.00	1.45	1.19	0.00	1	1	2	QHGAQEAPPFC[339]FR	1
							2	ESELTDEDITTILERGEKK	1
							2	LLNILM[147]QLRK	1
							2	GYEYC[339]R	18
SMCA1_HUMAN (P28370) Probable global transcription activator SNF2L1 (EC 3.6.1.-) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) [MASS=114731]	*	9.12	*	*	*	6			
							3	NYTEEDRFLIC[330]MLHKM[147]GFDR	1
							3	PPKQPNVQDFQFFPPR	1
							2	ILM[147]KDIDVLNSSGKMDK	1
SMG1_HUMAN (Q96Q15) Serine/threonine-protein kinase SMG1 (EC 2.7.11.1) (SMG-1) (hSMG-1) (Lambda/iota protein kinase C-interacting protein) (Lambda-interacting protein) (61E3.4) [MASS=410259]	0.00	1.50	0.52	0.00	1	6	2	DWPLHVMK	1
							1	AVRDPK	1
							3	NSC[330]FSEDQMAK	1
							1	FSSSAK	1
							2	SM[147]SYSDESRLSNLLR	1
							2	GIIPQLFSR	2

SMRA3_HUMAN (Q14527) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (Helicase-like tran [MASS=113928]	0.00	4.26	0.30	0.00	1	2	3	SDMEWTSSSKINALM[147]HALTDLRK	1
							3	VEDVAFAC[330]ALTSSVPTTKK	1
SMRC1_HUMAN (Q92922) SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) [MASS=122752]	*	2.53	*	*	*	2	2	NKEKPVDLQNFGLR	1
							2	AGGALC[330]HILGAAYK	2
SMYD4_HUMAN (Q8IYR2) SET and MYND domain-containing protein 4 [MASS=89122]	0.00	1.62	0.87	0.00	1	1	2	KGQEILHC[339]YGPHK	1
SNAB_HUMAN (Q9H115) Beta-soluble NSF attachment protein (SNAP-beta) (N-ethylmaleimide-sensitive factor attachment protein, beta) [MASS=33557]	0.85	7.72	0.95	0.00	1	2	2	AALC[339]HFIVDELNAK	1
							2	VKASHSFLR	2
SNX13_HUMAN (Q9Y5W8) Sorting nexin-13 (RGS domain- and PHOX domain-containing protein) (RGS-PX1) [MASS=112188]	*	2.89	*	*	*	1	3	DSNC[330]NYEAFMNIKLSDNIGELEAVRDK	1
SP110_HUMAN (Q9HB58) Sp110 nuclear body protein (Speckled 110 kDa) (Transcriptional coactivator Sp110) (Interferon-induced protein 41/75) [MASS=78504]	*	4.21	*	*	*	2	3	MYMESLEAC[339]RNLI PVSR	1
							3	PKSDTVDFHC[330]SK	1
SPS1_HUMAN (P49903) Selenide, water dikinase 1 (EC 2.7.9.3) (Selenophosphate synthetase 1) (Selenium donor protein 1) [MASS=42910]	0.00	3.32	1.41	0.00	1	1	2	LTRFTELKGTGC[339]K	1
SRA1_HUMAN (Q9HD15) Steroid receptor RNA activator 1 (Steroid receptor RNA activator protein) (SRAP) [MASS=25673]	*	9.32	*	*	*	1	3	RM[147]ALLVQELSSHRWDAADDIHR	1
SRBS1_HUMAN (Q9BX66) Sorbin and SH3 domain-containing protein 1 (Ponsin) (c-Cbl-associated protein) (CAP) (SH3 domain protein 5) (SH3P12) [MASS=142454]	*	1.01	*	*	*	1	2	LITPAPSSLPHSR	1

SRPR_HUMAN (P08240) Signal recognition particle receptor subunit alpha (SR-alpha) (Docking protein alpha) (DP-alpha) [MASS=69811]	*	2.98	*	*	*	2	2	KPVRSM[147]IETR	1
							1	PVRSMIETR	1
SSDH_HUMAN (P51649) Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD(+)-dependent succinic semialdehyde dehydrogenase) [MASS=57214]	1.00	5.79	0.93	0.01	2	1	3	NFFEPTLLC[339]NVTQDMLC[339]THEETFGPLAPVIK	1
							3	NFFEPTLLC[339]NVTQDM[147]LC[339]THEETFGPLAPVIK	1
STOX1_HUMAN (Q6ZVD7) Storkhead-box protein 1 (Winged helix domain-containing protein) [MASS=110961]	0.00	1.82	0.43	0.00	1	1	2	MARPVQLAPGSLALVLC[330]R	1
STXB1_HUMAN (P61764) Syntaxin-binding protein 1 (Unc-18 homolog) (Unc-18-1) (N-Sec1) (p67) [MASS=67568]	1.00	7.91	1.01	0.07	2	3	3	ELSKYSTHLHLAEDC[339]MK	1
							3	AAHVFFTDSC[330]PDALFNELVK	1
							2	AAHVFFTDSC[330]PDALFNELVK	1
							2	SVHSLISDFK	1
SUCA_HUMAN (P53597) Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, alpha chain) (SCS-alpha) [MASS=35047]	0.00	9.61	0.74	0.00	1	2	3	QGTFHSQQALEYGTLVGGTTPGK	1
							2	HC[339]SYTASR	1
SUCB1_HUMAN (Q9P2R7) Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (Succinyl-CoA synthetase, betaA chain) (SCS-betaA) (ATP-specific succinyl-CoA synthetase subunit beta) (NY-REN-39 antigen) [MASS=50317]	0.30	6.48	1.03	0.00	1	1	3	ANLNYIGLDGNIGC[339]LVNGAGLAM[147]ATM[147]DIIK	1
SUHW4_HUMAN (Q6N043) Suppressor of hairy wing homolog 4 [MASS=109298]	0.00	2.04	0.96	0.00	1	2	1	VNPSSYSR	1
							2	C[339]NIHFNLLDPLK	1
SYA_HUMAN (P49588) Alanine-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (NY-REN-42 antigen) [MASS=106801]	0.99	1.96	0.76	0.00	1	1	2	NVGC[330]LQEALQLATSFAQLR	1
SYIM_HUMAN (Q9NSE4) Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) [MASS=113791]	0.91	5.73	1.31	0.00	1	3	2	SYKPVFWSPSSR	1
							2	SC[339]QTALVEILDVIVR	1
							3	SVSGASNHQPNSNSGRYRDTVLLPQTSFPMK	1

SYLC_HUMAN (Q9P2J5) Leucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.4) (Leucine--tRNA ligase) (LeuRS) [MASS=134465]	0.00	2.38	1.34	0.00	1	2	3 3	IEIRQGDNC[330]DSIIRR C[339]EFAVGYQRLKGK	1 1
SYN1_HUMAN (P17600) Synapsin-1 (Synapsin I) (Brain protein 4.1) [MASS=74111]	*	1.42	*	*	*	1	2	MGHAHSGM[147]GK	2
SYNE2_HUMAN (Q8WXH0) Nesprin-2 (Nuclear envelope spectrin repeat protein 2) (Syne-2) (Synaptic nuclear envelope protein 2) (Nucleus and actin connecting element protein) (Protein NUANCE) [MASS=796379]	0.00	1.37	1.23	0.00	1	4	3 2 3 3	QILNNYSAQFSLEHMSPDQADKLPQLQGEIER KAAIKPLEQTEC[339]LNK EHEAC[339]FSEEGC[339]LYQLNHHMEVLR ELIKELEQSLASWTQNLKELQTMK	1 1 1 1
SYPH_HUMAN (P08247) Synaptophysin (Major synaptic vesicle protein p38) [MASS=33845]	0.99	3.83	0.76	0.00	1	1	2	LHQVYFDAPTC[330]R	1
SYPM_HUMAN (Q7L3T8) Probable prolyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.15) (Proline--tRNA ligase) (ProRS) [MASS=53262]	0.00	3.58	0.83	0.00	1	1	2	VLSLQDKSDDLTC[330]KSQR	1
SYT11_HUMAN (Q9BT88) Synaptotagmin-11 (Synaptotagmin XI) (SytxI) [MASS=48306]	*	6.26	*	*	*	2	1 3	MAEITNIR ARHLPKM[147]DITGLSGNPYVK	1 1
SYT1_HUMAN (P21579) Synaptotagmin-1 (Synaptotagmin I) (Sytl) (p65) [MASS=47573]	0.64	2.13	0.96	0.00	1	1	2	LGDIC[330]FSLR	1
T2R60_HUMAN (P59551) Taste receptor type 2 member 60 (T2R60) (T2R56) [MASS=36336]	0.38	7.55	0.71	0.00	1	1	3	MITWTM[147]PTAVFFIC[330]M[147]ILLITSLGR	1
TACT_HUMAN (P40200) T-cell surface protein tactile precursor (CD96 antigen) [MASS=63887]	*	4.39	*	*	*	1	3	DGM[147]SWPVIVAALLFC[339]C[339]MILFGLGVR	1
TAF6_HUMAN (P49848) Transcription initiation factor TFIID subunit 6 (Transcription initiation factor TFIID 70 kDa subunit) (TAF(II)70) (TAFII-70) (TAFII-80) (TAFII80) [MASS=72668]	0.00	6.35	0.36	0.00	1	2	3 2	GGPTSHPSVPVPPASSPSPLSGSALC[330]GGK PTLTLSQAPQPGPR	1 1
TAI12_HUMAN (Q9H175) TGF-beta-induced apoptosis protein 12 (TAIP-12) [MASS=59591]	0.00	1.66	0.14	0.00	1	1	3	MSFPC[330]GC[330]SR	1

								2	SIQFVDWC[330]PTGFK	1
								2	AYHEQLSVAEITNAC[330]FEPANQM[147]VK	1
								2	YMAC[339]C[339]LLYR	1
								3	AYHEQLSVAEITNAC[339]FEPANQM[147]VK	1
								3	AYHEQLSVAEITNAC[330]FEPANQMVK	1
								2	YMAC[330]C[330]LLYR	1
								2	RSIQFVDWC[339]PTGFK	1
								2	AVC[330]M[147]LSNTTAIAEAWAR	2
TBA1_HUMAN (P68366) Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha) [MASS=49924]	1.00	28.79	1.12	0.08	9	7		2	TIGGGDDSFSTFFC[330]ETGAGK	1
								2	YM[147]AC[339]C[339]LLYR	1
								2	SIQFVDWC[339]PTGFK	4
								2	AYHEQLSVAEITNAC[330]FEPANQMVK	1
								2	YM[147]AC[330]C[330]LLYR	1
								2	AVC[339]M[147]LSNTTAIAEAWAR	1
								2	TIGGGDDSFSTFFC[339]ETGAGK	1
								3	LSDQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
								2	YM[147]AC[330]C[330]MLYR	1
								2	TIQFVDWC[330]PTGFK	2
TBA2_HUMAN (Q13748) Tubulin alpha-2 chain (Alpha-tubulin 2) [MASS=49959]	1.00	4.89	0.13	0.00	1	2		2	TIQFVDWC[339]PTGFK	3
								3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLMER	2
TBA3_HUMAN (Q71U36) Tubulin alpha-3 chain (Alpha-tubulin 3) (Tubulin B-alpha-1) [MASS=50135]	1.00	7.10	1.14	0.07	11	1		2	LADQC[339]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1
								3	LADQC[339]TGLQGFLVFHSGGGTSGGFTSLLMER	2
								3	LADQC[330]TGLQGFLVFHSGGGTSGGFTSLLM[147]ER	1

TBB2C_HUMAN (P68371) Tubulin beta-2C chain (Tubulin beta-2 chain) [MASS=49831]	0.00	28.09	*	*	*	6	3	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	1
							1	NMM[147]AAC[339]DPR	1
							2	NM[147]MAAC[330]DPR	1
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
							3	M[147]SATFIGNSTAIQELFK	1
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGMGTLLISK	1
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[339]LR	2
							1	TAVC[330]DIPPR	1
							2	LTTPTYGDLNHLVSATM[147]SGVTTC[330]LR	2
							2	NM[147]M[147]AAC[330]DPR	2
							3	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
							3	EAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							2	TAVC[330]DIPPR	3
							2	LTTPTYGDLNHLVSATMSGVTTC[339]LR	1
							2	TAVC[339]DIPPR	4
TBB2_HUMAN (P07437) Tubulin beta-2 chain [MASS=49671]	1.00	11.49	0.90	0.56	36	3	2	NM[147]M[147]AAC[339]DPR	1
							3	EAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							1	TAVC[339]DIPPR	2
							3	KEAESC[330]DC[330]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							3	KEAESC[339]DC[339]LQGFQLTHSLGGGTGSGM[147]GTLLISK	1
							2	EIVHIQAGQC[339]GNQIGAK	2
							2	EIVHIQAGQC[330]GNQIGAK	1
							3	M[147]REIVHIQAGQC[339]GNQIGAK	1
							1	EIVHIQAGQC[330]GNQIGAK	1
							3	MREIVHIQAGQC[330]GNQIGAK	1
							2	ALTVPELTQQVFDK	1
							3	MREIVHIQAGQC[339]GNQIGAK	1
							3	M[147]REIVHIQAGQC[330]GNQIGAK	2
							2	MREIVHIQAGQC[339]GNQIGAK	1
							2	M[147]REIVHIQAGQC[330]GNQIGAK	1

TBB3_HUMAN (Q13509) Tubulin beta-3 chain (Tubulin beta-III) (Tubulin beta-4) [MASS=50432]	0.00	7.11	*	*	*	2	2	ISVYYNEASSHK	1
							3	VREEYPDRIMNTFSVVPSPK	1
TBB6_HUMAN (Q9BUF5) Tubulin beta-6 chain [MASS=49857]	0.00	9.87	*	*	*	2	3	IREEFPDRIMNTFSVM[147]PSPK	1
							3	AALVDLEPGTM[147]DSVRSGPFGQLFR	1
TBCC_HUMAN (Q15814) Tubulin-specific chaperone C (Tubulin-folding cofactor C) (CFC) [MASS=39220]	0.00	5.78	0.26	0.00	1	1	3	ASELHQRDVLLTELSNC[330]TVR	1
TBX22_HUMAN (Q9Y458) T-box transcription factor TBX22 (T-box protein 22) [MASS=57910]	0.31	2.69	1.29	0.00	1	1	2	C[330]NHVHWYPAINHYL	1
TCPZ_HUMAN (P40227) T-complex protein 1 subunit zeta (TCP-1-zeta) (CCT-zeta) (CCT-zeta-1) (Tcp20) (HTR3) (Acute morphine dependence-related protein 2) [MASS=57893]	*	3.21	*	*	*	1	2	GTMKM[147]LVSGAGDIKLT	1
TENR_HUMAN (Q92752) Tenascin-R precursor (TN-R) (Restrictin) (Janusin) [MASS=149547]	*	0.52	*	*	*	1	1	FSVEDSR	2
TERA_HUMAN (P55072) Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) [MASS=89190]	*	2.48	*	*	*	2	2	IRM[147]NRVVR	1
							2	RDHFEEAMRFAR	1
TEX15_HUMAN (Q9BXT5) Testis-expressed sequence 15 protein [MASS=315360]	0.00	1.76	0.71	0.00	1	4	1	MAHIR	1
							2	HIKSVLNILSDEASLC[330]K	1
							3	PGILGVNHTPILPAHSETC[330]K	1
							1	TTGSHPK	1
TF3C4_HUMAN (Q9UKN8) General transcription factor 3C polypeptide 4 (EC 2.3.1.48) (Transcription factor IIIC subunit delta) (TF3C-delta) (TFIIIC 90 kDa subunit) (TFIIIC 90) [MASS=92001]	0.00	5.60	1.27	0.00	1	3	3	QNGTVYTC[339]SSDGK	1
							2	C[339]VPLYHPYQK	1
							3	PC[330]GAYLAIITTEGM[147]INGLHPVVK	1
TFP11_HUMAN (Q9UBB9) Tuftelin-interacting protein 11 [MASS=96819]	*	3.35	*	*	*	2	1	GFAGGTK	1
							3	PSQKGFAGGTKSFMDFGSWER	1
THIK_HUMAN (P09110) 3-ketoacyl-CoA thiolase, peroxisomal precursor (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Peroxisomal 3-oxoacyl-CoA thiolase) [MASS=44292]	0.99	4.72	0.93	0.00	1	1	2	VNPLGGAVALGHPLGC[339]TGAR	1

THIL_HUMAN (P24752) Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA thiolase) (T2) [MASS=45199]	0.00	2.81	3.78	0.00	1	1	2	IHMGSC[339]AENTAK	1
THIM_HUMAN (P42765) 3-ketoacyl-CoA thiolase, mitochondrial (EC 2.3.1.16) (Beta-ketothiolase) (Acetyl-CoA acyltransferase) (Mitochondrial 3-oxoacyl-CoA thiolase) (T1) [MASS=41924]	0.22	9.57	0.76	0.00	1	3	2 1 2	HVGLRVGIPKETPALTINR LPPVFK EEC[339]DKYALQSQQR	1 1 1
THIO_HUMAN (P10599) Thioredoxin (ATL-derived factor) (ADF) (Surface-associated sulphhydryl protein) (SASP) [MASS=11606]	1.00	8.65	0.86	0.01	2	1	2 2	C[330]M[147]PTFQFFK C[339]M[147]PTFQFFK	1 1
THY1_HUMAN (P04216) Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CD90 antigen) (CDw90 antigen) [MASS=17935]	0.89	8.70	0.58	0.00	1	1	2	VTSLTAC[330]LVDQSLR	1
THYG_HUMAN (P01266) Thyroglobulin precursor [MASS=304731]	*	0.90	*	*	*	2	2 3	RFLAVQSVISGRFR RVSPGYVPAC[339]R	1 1
TIAM1_HUMAN (Q13009) T-lymphoma invasion and metastasis-inducing protein 1 (TIAM-1 protein) [MASS=177637]	*	2.33	*	*	*	3	1 2 3	TDTAFK LC[339]ALKGARPAMSR QHSYTSNGPTFM[147]ETASFK	1 1 2
TIF1G_HUMAN (Q9UPN9) Transcription intermediary factor 1-gamma (TIF1-gamma) (Tripartite motif-containing protein 33) (RET-fused gene 7 protein) (Rfg7 protein) [MASS=122520]	*	0.53	*	*	*	1	1	TSLSFK	1
TIM9_HUMAN (Q9Y5J7) Mitochondrial import inner membrane translocase subunit Tim9 [MASS=10378]	0.00	17.98	0.44	0.00	1	1	3	EVKPEETTC[339]SEHC[339]LQK	1
TINAG_HUMAN (Q9UJW2) Tubulointerstitial nephritis antigen (TIN-Ag) [MASS=54646]	*	2.52	*	*	*	1	2	EKFWIAANFWGK	1
TLR5_HUMAN (O60602) Toll-like receptor 5 precursor (Toll/interleukin-1 receptor-like protein 3) [MASS=97725]	0.00	1.86	1.72	0.00	1	1	3	FC[339]NLTQVPQVLNTER	1
TNR19_HUMAN (Q9NS68) Tumor necrosis factor receptor superfamily member 19 precursor (Toxicity and JNK inducer) (TRADE) [MASS=46015]	0.00	5.44	1.67	0.00	1	1	3	ANC[330]SATSDAIC[330]GDC[330]LPGFYRKTK	1

TOM70_HUMAN (O94826) Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) [MASS=67454]	1.00	10.20	1.29	0.02	3	4	3	ADEM[147]YDKC[339]IDLEPDNATTYVHK	1
							3	C[339]IDLEPDNATTYVHK	1
							1	RNSER	1
							2	C[339]AEGYALYAQALTDQQQFGK	1
TPIS_HUMAN (P60174) Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) [MASS=26538]	1.00	7.26	0.77	0.00	1	1	2	VAHALAEGLGVIAC[330]IGEK	1
TR19L_HUMAN (Q969Z4) Tumor necrosis factor receptor superfamily member 19L precursor (Receptor expressed in lymphoid tissues) [MASS=46092]	*	3.26	*	*	*	2	1	VPKAGAK	1
							1	QPGNGTR	1
							2	LLGKTDVQR	9
TR4_HUMAN (P49116) Orphan nuclear receptor TR4 (Orphan nuclear receptor TAK1) [MASS=65414]	*	4.03	*	*	*	2			
							2	PSNC[339]AASTEKIYIRK	1
TRAK2_HUMAN (O60296) Trafficking kinesin-binding protein 2 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 3 protein) [MASS=101418]	0.00	2.41	0.88	0.00	1	1	3	RNQSLPVIMGSAAPVC[330]TSSPK	1
TRI17_HUMAN (Q9Y577) Tripartite motif-containing protein 17 (Testis RING finger protein) (RING finger protein 16) [MASS=54418]	0.00	6.08	1.82	0.00	1	2	3	QDLC[339]QEHHEPLK	1
							3	RYLGSSPEGSFGC[339]SKDR	1
TRI50_HUMAN (Q86XT4) Tripartite motif-containing protein 50 [MASS=54774]	*	5.34	*	*	*	2	2	VLPAPEPLK	1
							2	GLVASLDM[147]QLEQAQGTR	1
TRIM3_HUMAN (O75382) Tripartite motif-containing protein 3 (RING finger protein 22) (Brain-expressed RING finger protein) (RING finger protein 97) [MASS=80836]	*	2.28	*	*	*	1	2	MAKREDSPGPEVQPMDB	1
TRIO_HUMAN (O75962) Triple functional domain protein (PTPRF-interacting protein) [MASS=341614]	*	1.22	*	*	*	3	2	VQDLLEFLHEK	1
							2	STLLDMSSIFHQKAEK	1
							2	EGLSNKVSVK	1
TRPC5_HUMAN (Q9UL62) Short transient receptor potential channel 5 (TrpC5) (Htrp-5) (Htrp5) [MASS=111411]	*	2.88	*	*	*	1	3	HWVVKLLTC[330]M[147]TIGFLFPMLSIAYLISPR	1

TRPM3_HUMAN (Q9HCF6) Transient receptor potential cation channel subfamily M member 3 (Long transient receptor potential channel 3) (LTrpC3) (Melastatin-2) (MLSN2) [MASS=197529]	*	1.04	*	*	*	1	3	PTKEKEEEDM[147]ELTAM[147]LGR	1
TRPS1_HUMAN (Q9UHF7) Zinc finger transcription factor Trps1 (Zinc finger protein GC79) (Tricho-rhino-phalangeal syndrome type I protein) [MASS=141520]	0.00	3.51	1.71	0.00	1	2	3	HYQQLHNIHKC[339]TIKHC[339]PFC[339]PR	1
							3	SKTDLLVNDNPDAPLSPELQDFK	2
							3	M[147]LEVFLKFHTIARYQLSAIFK	1
							1	NNSLHDM[147]K	6
TRRAP_HUMAN (Q9Y4A5) Transformation/transcription domain-associated protein (350/400 kDa PCAF-associated factor) (PAF350/400) (STAF40) (Tra1 homolog) [MASS=437584]	*	1.61	*	*	*	4			
							3	TLRNPADSISHVAYR	1
							3	SDPGPIRATAPM[147]WRC[330]SR	1
TRXR2_HUMAN (Q9NNW7) Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) (TR-beta) (Selenoprotein Z) (SelZ) [MASS=56459]	0.00	2.67	1.23	0.00	1	1	2	TVGIHPTC[339]SEEVVK	1
TRYB1_HUMAN (Q15661) Tryptase beta-1 precursor (EC 3.4.21.59) (Tryptase-1) (Tryptase I) [MASS=30515]	*	2.91	*	*	*	1	1	LPPPFLK	1
TSH2_HUMAN (Q9NRE2) Teashirt homolog 2 (Zinc finger protein 218) (Ovarian cancer-related protein 10-2) (OVC10-2) [MASS=115004]	*	4.16	*	*	*	2	2	VM[147]PLVSMPTHLAPYTQVKKESEDK	1
							2	PC[339]SPDSTTGSFADSFSSQK	1
UBP1_HUMAN (O94782) Ubiquitin carboxyl-terminal hydrolase 1 (EC 3.1.2.15) (Ubiquitin thioesterase 1) (Ubiquitin-specific-processing protease 1) (Deubiquitinating enzyme 1) (hUBP) [MASS=88207]	0.00	3.57	1.96	0.00	1	1	3	MPEVITIHLKC[339]FAASGLEFDC[339]YGGGLSK	1
UBP28_HUMAN (Q96RU2) Ubiquitin carboxyl-terminal hydrolase 28 (EC 3.1.2.15) (Ubiquitin thioesterase 28) (Ubiquitin-specific-processing protease 28) (Deubiquitinating enzyme 28) [MASS=122490]	*	1.21	*	*	*	1	3	EIGPDDMNM[147]EEYK	1

UBP33_HUMAN (Q8TEY7) Ubiquitin carboxyl-terminal hydrolase 33 (EC 3.1.2.15) (Ubiquitin thioesterase 33) (Ubiquitin-specific-processing protease 33) (Deubiquitinating enzyme 33) (VHL-interacting deubiquitinating enzyme 1) [MASS=106752]	*	0.96	*	*	*	1	2	VNSEGEFDK	1
UBP38_HUMAN (Q8NB14) Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) (HP43.8KD) [MASS=116545]	0.00	2.59	1.28	0.00	1	1	3	TGLINLGNTC[339]YM[147]NSVIQALFMATDFRR	1
UCHL1_HUMAN (P09936) Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) [MASS=24824]	0.97	8.07	1.04	0.00	1	1	3	NEAIQAAHDAVAQEGQC[330]R	1
UCRH_HUMAN (P07919) Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (EC 1.10.2.2) (Mitochondrial hinge protein) (Cytochrome C1, nonheme 11 kDa protein) (Complex III subunit VIII) [MASS=10739]	1.00	45.05	1.18	0.05	6	4	2	LELC[339]DER	1
							2	SHTEEDC[339]TEELFDFLHAR	1
							3	SHTEEDC[339]TEELFDFLHAR	1
							1	DHC[339]VAHK	1
							2	ERLELC[330]DER	1
							2	ERLELC[339]DER	1
UHMK1_HUMAN (Q8TAS1) Serine/threonine-protein kinase Kist (EC 2.7.11.1) (Kinase interacting with stathmin) (U2AF homology motif kinase 1) [MASS=46546]	*	2.15	*	*	*	1	1	LIDFGLSFK	2
ULK2_HUMAN (Q8IYT8) Serine/threonine-protein kinase ULK2 (EC 2.7.11.1) (Unc-51-like kinase 2) [MASS=112726]	*	0.87	*	*	*	1	1	GTLSEDTIR	1
UNC5C_HUMAN (O95185) Netrin receptor UNC5C precursor (Unc-5 homolog C) (Unc-5 homolog 3) [MASS=103101]	0.00	2.79	0.32	0.00	1	1	3	NQAAQGQWEDVVVVGEENFTTPC[330]YIK	1

UQCR1_HUMAN (P31930) Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (EC 1.10.2.2) [MASS=52645]	1.00	16.67	0.91	0.16	6	4	2	NALVSHLDGTTTPVC[339]EDIGR	2
							1	LC[330]TSATESEVAR	1
							3	LC[339]QSFQTFSIC[339]YAETGLLGAHFVC[339]DR	1
							3	YIYDQC[339]PAVAGYGPIQLPDYNR	1
							2	LC[330]TSATESEVAR	1
UQCR2_HUMAN (P22695) Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Complex III subunit II) [MASS=48443]	1.00	2.87	0.86	0.07	2	1	2	NALANPLYC[339]PDYR	2
VA0D_HUMAN (P61421) Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar proton pump d subunit) (V-ATPase AC39 subunit) (V-ATPase 40 kDa accessory protein) (P39) (32 kDa accessory protein) [MASS=40329]	0.00	7.69	*	*	*	1	3	LHLQSTDYGNFLANEASPLTVSVIDDR	1
VATA1_HUMAN (P38606) Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform (EC 3.6.3.14) (V-ATPase subunit A 1) (Vacuolar proton pump alpha subunit 1) (V-ATPase 69 kDa subunit 1) (Isoform VA68) [MASS=68304]	*	4.21	*	*	*	1	3	DMGYHVSMMDSTSRWAEALREISGR	1
VATB1_HUMAN (P15313) Vacuolar ATP synthase subunit B, kidney isoform (EC 3.6.3.14) (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa subunit) [MASS=56980]	1.00	6.82	1.03	0.04	3	2	3	IPIFSAAGLPHNEIAAQIC[339]R	1
							3	IPIFSAAGLPHNEIAAQIC[330]R	1
							2	IPIFSAAGLPHNEIAAQIC[330]R	1
							3	PGGLPGSSC[339]NLGAAR	1
VATB2_HUMAN (P21281) Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit) (Vacuolar proton pump B isoform 2) (Endomembrane proton pump 58 kDa subunit) (HO57) [MASS=56500]	1.00	13.31	*	*	*	3	3	EMLKRIPQSTLSEFYPR	1
							3	AM[147]RGIVNGAAPELPVPTGGPAVGAR	1
							3	PIDRGPVLAEDFLDIM[147]GQPINPQC[339]R	1
VAV2_HUMAN (P52735) Protein vav-2 [MASS=101256]	0.00	4.78	0.34	0.00	1	2	2	EALEAMQDLAMYINEVKRDK	1
							3	MWSYGYFLIHLQGKQGFQFFC[330]K	1
VAX1_HUMAN (Q5SQQ9) Ventral anterior homeobox 1 [MASS=34713]	0.00	8.98	1.40	0.00	1	1	3	LLEQGRLLSPPGLPALLPPC[339]ATGALGSALR	1

								2	YQIDPDAC[339]FSAK	2
VDAC1_HUMAN (P21796) Voltage-dependent anion-selective channel protein 1 (VDAC-1) (hVDAC1) (Outer mitochondrial membrane protein porin 1) (Plasmalemmal porin) (Porin 31HL) (Porin 31HM) [MASS=30641]	1.00	18.09	1.09	0.06	9	3	2	EHINLGC[330]DM[147]DFDIAGPSIR	1	
							3	REHINLGC[330]DMDFDIAGPSIR	1	
							1	YQIDPDAC[339]FSAK	1	
							1	YQIDPDAC[330]FSAK	1	
							2	EHINLGC[339]DMDFDIAGPSIR	1	
							3	EHINLGC[330]DM[147]DFDIAGPSIR	1	
							3	EHINLGC[339]DM[147]DFDIAGPSIR	1	
VDAC2_HUMAN (P45880) Voltage-dependent anion-selective channel protein 2 (VDAC-2) (hVDAC2) (Outer mitochondrial membrane protein porin 2) [MASS=38092]	1.00	26.51	1.68	0.07	6	5	2	YKWC[339]EYGLTFTEK	1	
							2	WNTDNTLGTEIAIEDQIC[339]QGLK	1	
							1	WC[330]EYGLTFTEK	1	
							3	SC[339]SGVEFSTSGSSNTDTGKVTGTLET	1	
							2	SC[339]SGVEFSTSGSSNTDTGK	1	
							2	WC[339]EYGLTFTEK	1	
VDAC3_HUMAN (Q9Y277) Voltage-dependent anion-selective channel protein 3 (VDAC-3) (hVDAC3) (Outer mitochondrial membrane protein porin 3) [MASS=30658]	0.98	3.89	1.09	0.03	2	1	2	VC[330]NYGLTFTQK	2	
VN1R4_HUMAN (Q7Z5H5) Vomeronasal type-1 receptor 4 (V1r-like receptor 4) (hGPCR27) [MASS=33557]	0.00	7.31	0.16	0.00	1	1	2	GVSIGTTC[330]LLSVFQVITVSSRK	1	
VPP1_HUMAN (Q93050) Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116 kDa isoform a1) (Clathrin-coated vesicle/synaptic vesicle proton pump 116 kDa subunit) (Vacuolar proton pump subunit 1) (Vacuolar adenosine triphosphatase [MASS=96412]	0.96	3.35	1.04	0.00	1	1	3	SEEM[147]TLAQLFLQSEAYC[339]C[339]VSELGELGK	1	
VWF_HUMAN (P04275) Von Willebrand factor precursor (vWF) [Contains: Von Willebrand antigen II] [MASS=309298]	*	0.18	*	*	*	1	1	PSELR	1	
WAPL_HUMAN (Q7Z5K2) Wings apart-like protein homolog (Friend of EBNA2 protein) [MASS=132945]	*	0.92	*	*	*	1	2	C[330]AMPSFRMHLR	1	
WDR19_HUMAN (Q8NEZ3) WD repeat protein 19 [MASS=151580]	0.00	2.61	0.83	0.00	1	3	2	VYTYVFHK	1	
							1	PEYRSK	1	
							3	EHDEAC[330]LAGVAQMSIRMGDIR	1	
WN10A_HUMAN (Q9GZT5) Protein Wnt-10a precursor [MASS=46444]	0.30	8.87	5.36	0.00	1	2	2	ESAFAYAIAAAGVVHAVSNAC[339]ALGK	1	
							3	PWLRLRPQPQPR	1	

WWP1_HUMAN (Q9H0M0) NEDD4-like E3 ubiquitin-protein ligase WWP1 (EC 6.3.2.-) (WW domain-containing protein 1) (Atropin-1-interacting protein 5) (AIP5) [MASS=105201]	*	2.17	*	*	*	1	3	VTSHDLKLGGSNILVTEENK	1
XDH_HUMAN (P47989) Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase (EC 1.17.1.4) (XD); Xanthine oxidase (EC 1.17.3.2) (XO) (Xanthine oxidoreductase)] [MASS=146292]	0.00	3.90	0.57	0.00	1	3	2	TLVDAVAKLPAQKTEVFR	1
							3	LGLSGTKLGC[330]GEGGC[330]GAC[330]TVM[147]LSK	1
							3	KRGLC[339]IIPTK	1
YLPM1_HUMAN (P49750) YLP motif-containing protein 1 (Nuclear protein ZAP3) (ZAP113) [MASS=219984]	*	2.10	*	*	*	5	1	DEPPR	1
							2	EM[147]ERDM[147]DRDVDR	1
							1	KGPVVAK	1
							1	MEDTR	1
							2	SLDNEWDRDYGR	1
ZBT17_HUMAN (Q13105) Zinc finger and BTB domain-containing protein 17 (Zinc finger protein 151) (Myc-interacting zinc finger protein) (Miz-1 protein) [MASS=87927]	*	1.99	*	*	*	1	2	C[339]EDC[330]GKLFTTSGNLKR	1
ZBT40_HUMAN (Q9NUA8) Zinc finger and BTB domain-containing protein 40 [MASS=138118]	*	0.73	*	*	*	1	2	EPGADAFFR	1
ZCHC6_HUMAN (Q5VYS8) Zinc finger CCHC domain-containing protein 6 [MASS=171228]	0.00	2.68	0.13	0.00	1	2	3	SGLEVDISLYNTLALHNTRLLSAYSIDPR	1
							2	SPTVVC[330]SLC[330]K	1
ZFP1_HUMAN (Q6P2D0) Zinc finger protein 1 homolog (Zfp-1) [MASS=47516]	0.00	5.16	0.17	3.12	2	1	3	SYAGKQTDEC[330]NEFGKALLYLK	3
ZFP95_HUMAN (Q9Y2L8) Zinc finger protein 95 homolog (Zfp-95) [MASS=96903]	0.00	4.65	1.30	0.00	1	2	3	MATPGAVQESC[339]SPHPLTVDTQPEQAPQK	1
							2	MNYSEVPYVHK	1
ZFY28_HUMAN (Q9HCC9) Zinc finger FYVE domain-containing protein 28 [MASS=96500]	0.00	2.59	0.23	0.00	1	1	3	EKC[330]SPGGVIGASYAAGLAKASDR	1
ZFYV1_HUMAN (Q9HBF4) Zinc finger FYVE domain-containing protein 1 (Double FYVE-containing protein 1) (Tandem FYVE fingers-1) (SR3) [MASS=87175]	*	5.66	*	*	*	2	3	AIVRC[339]QTC[339]KINLC[339]LEC[330]QK	1
							3	AVTSWLTDQIAPAYWRPNSQILSC[330]NK	1

ZMYM3_HUMAN (Q14202) Zinc finger MYM-type protein 3 (Zinc finger protein 261) (DXS6673E protein) [MASS=152378]	0.00	0.73	0.39	0.00	1	1	2	RLVLESC[330]SR	1
ZN126_HUMAN (P35275) Zinc finger protein 126 (HZF-2) (Fragment) [MASS=11353]	0.00	9.18	1.18	0.00	1	1	3	HSHLQC[330]HKR	1
ZN197_HUMAN (O14709) Zinc finger protein 197 (ZnF20) [MASS=118847]	0.00	2.72	0.28	0.00	1	2	2	C[330]FILKKSLIGHQR	1
							2	PSSSQRADSHKGTSK	1
ZN236_HUMAN (Q9UL36) Zinc finger protein 236 [MASS=203659]	*	2.28	*	*	*	3	2	HM[147]KTHR	1
							3	EENLIC[339]SEC[339]GDEFTLQSQLAVHMEHR	1
							1	HMATHM[147]SMK	1
ZN256_HUMAN (Q9Y2P7) Zinc finger protein 256 (Bone marrow zinc finger 3) (BMZF-3) [MASS=54872]	0.00	2.74	3.82	0.00	1	1	2	SFSTSC[339]SLSDHLR	1
ZN263_HUMAN (O14978) Zinc finger protein 263 (Zinc finger protein FPM315) [MASS=77298]	0.00	10.40	0.47	0.00	1	4	2	ESPSFKLEPM[147]ETERSPGPR	1
							2	C[339]FSQNTHLTR	1
							2	LYPFSEC[330]GEAVSDSTPFLTNGAHK	1
							2	SFSRSSHLVIHERTHER	1
ZN407_HUMAN (Q9C0G0) Zinc finger protein 407 (Fragment) [MASS=126979]	0.00	1.55	0.06	0.00	1	1	3	M[147]YNC[330]PKC[330]DYGTNPVEFR	1
ZN462_HUMAN (Q96JM2) Zinc finger protein 462 [MASS=161529]	*	1.42	*	*	*	2	3	LGGYFTAVYADEHEK	1
							1	HRDFK	1
ZN471_HUMAN (Q9BX82) Zinc finger protein 471 (EZF1T-related protein 1) [MASS=73009]	0.00	4.95	0.42	0.00	1	2	3	YTKFGKC[330]IHLENIEESIYNHTSDK	1
							1	YNTSFIR	1
ZN484_HUMAN (Q5JVG2) Zinc finger protein 484 [MASS=98221]	0.00	2.46	3.62	0.00	1	2	3	M[147]TKSLESVSFK	1
							2	RPHNC[339]NSC[339]GK	1
ZN497_HUMAN (Q6ZNH5) Zinc finger protein 497 [MASS=54712]	0.00	2.21	5.56	0.00	1	1	2	VHTGARPHAC[339]R	1
ZN513_HUMAN (Q8N8E2) Zinc finger protein 513 [MASS=51028]	0.00	2.71	1.07	0.00	1	1	2	C[339]PYASAQLVNLTR	1
ZN518_HUMAN (Q6AHZ1) Zinc finger protein 518 [MASS=166781]	0.00	0.88	8.98	0.00	1	1	2	C[330]HHVC[330]FTKGELQK	1

ZN540_HUMAN (Q8NDQ6) Zinc finger protein 540 [MASS=77093]	*	1.82	*	*	*	1			