

Table S4: Pink Module

				MCI-MCI	MCI-AD	AD	ALL AD	Disease Severity	Probe has higher- than-median module membership and trait significance for MCI- MCI?								
illumina_gene	probe_id	gene_name	entrez_id	Module Membership	Module Membership p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance	Gene Significance p- Gene Significance
CREB5	ILMN_1731714	CREB5	9586	0.9478	1.06E-07	-0.2050	1.82E-04	-0.0831	1.33E-01	0.1676	2.29E-03	0.1017	6.55E-02	0.0742	1.80E-01	YES	
ARNTL	ILMN_2405305	ARNTL	406	0.9297	4.59E-07	-0.2132	9.76E-05	-0.1278	2.04E-02	0.1979	3.04E-04	0.1003	6.91E-02	0.0817	1.39E-01	YES	
C9ORF6	ILMN_2191929	C9orf6	54942	0.9281	3.98E-09	-0.1813	9.57E-04	-0.0673	2.23E-01	0.1963	3.41E-04	0.1391	1.16E-02	0.1234	2.53E-02	YES	
PICALM	ILMN_1715273	PICALM	8301	0.9188	1.12E-07	-0.1539	5.14E-03	-0.0965	8.04E-02	0.0224	6.86E-01	-0.0433	4.34E-01	-0.0798	1.49E-01	NO	
MAP2K4	ILMN_2100689	MAP2K4	6416	0.9185	7.41E-08	-0.2124	1.03E-04	-0.1223	2.66E-02	0.1249	2.34E-02	0.0356	5.19E-01	0.0022	9.68E-01	YES	
RFWD2	ILMN_1661002	RFWD2	64326	0.9173	2.78E-11	-0.1886	5.84E-04	-0.1214	2.77E-02	0.1301	1.82E-02	0.0411	4.58E-01	0.0168	7.61E-01	YES	
CRLF3	ILMN_2155228	CRLF3	51379	0.9169	6.68E-09	-0.2107	1.18E-04	-0.1272	2.10E-02	0.1027	6.29E-02	0.0115	8.35E-01	-0.0250	6.51E-01	YES	
OGFRL1	ILMN_1715809	OGFRL1	79627	0.9141	2.07E-04	-0.2302	2.48E-05	-0.1298	1.85E-02	0.1309	1.75E-02	0.0362	5.13E-01	-0.0012	9.82E-01	YES	
ST8SIA4	ILMN_1756937	ST8SIA4	7903	0.9102	4.36E-09	-0.1765	1.31E-03	-0.0746	1.77E-01	0.1252	2.31E-02	0.0676	2.21E-01	0.0406	4.63E-01	YES	
CSNK1A1	ILMN_1785988	CSNK1A1	1452	0.9085	1.45E-06	-0.2299	2.55E-05	-0.1564	4.45E-03	0.1927	4.39E-04	0.0764	1.67E-01	0.0546	3.23E-01	YES	
ARPC5	ILMN_1768394	ARPC5	10092	0.9084	4.56E-02	-0.2201	5.64E-05	-0.1247	2.37E-02	0.0869	1.16E-01	-0.0016	9.77E-01	-0.0448	4.18E-01	YES	
PELI1	ILMN_1679268	PELI1	57162	0.9082	2.81E-05	-0.2301	2.51E-05	-0.0987	7.37E-02	0.1814	9.52E-04	0.1042	5.91E-02	0.0726	1.89E-01	YES	
KCNJ2	ILMN_1780334	KCNJ2	3759	0.9048	5.61E-10	-0.1937	4.11E-04	-0.1521	5.71E-03	0.1609	3.44E-03	0.0495	3.71E-01	0.0335	5.45E-01	YES	
PELI2	ILMN_1780132	PELI2	57161	0.9021	4.49E-12	-0.1558	4.63E-03	-0.0966	8.02E-02	0.1478	7.23E-03	0.0742	1.79E-01	0.0616	2.65E-01	NO	
PRKAR1A	ILMN_1738632	PRKAR1A	5573	0.8999	6.24E-07	-0.1946	3.85E-04	-0.1001	6.98E-02	0.0739	1.81E-01	0.0026	9.62E-01	-0.0375	4.98E-01	YES	
SDF2	ILMN_1713978	SDF2	6388	0.8957	6.11E-09	-0.1639	2.86E-03	-0.1076	5.11E-02	0.1137	3.93E-02	0.0349	5.29E-01	0.0142	7.98E-01	NO	
E2F3	ILMN_1669502	E2F3	1871	0.8931	3.17E-03	-0.2091	1.34E-04	-0.0419	4.49E-01	0.1449	8.48E-03	0.1078	5.07E-02	0.0691	2.11E-01	YES	
TLR4	ILMN_1706217	TLR4	7099	0.8921	1.40E-09	-0.1883	5.98E-04	-0.1396	1.12E-02	0.0229	6.78E-01	-0.0714	1.97E-01	-0.1142	3.84E-02	YES	
BNIP2	ILMN_1770803	BNIP2	663	0.8919	8.69E-07	-0.1816	9.39E-04	-0.1276	2.06E-02	0.1418	1.00E-02	0.0478	3.87E-01	0.0291	5.99E-01	YES	
PAIP2	ILMN_1784753	PAIP2	51247	0.8918	5.88E-06	-0.2108	1.17E-04	-0.1503	6.32E-03	0.1513	5.98E-03	0.0417	4.51E-01	0.0176	7.50E-01	YES	
C1ORF63	ILMN_1760556	C1orf63	57035	0.8901	2.09E-05	-0.1847	7.61E-04	-0.0628	2.56E-01	0.1675	2.30E-03	0.1151	3.69E-02	0.0920	9.57E-02	YES	
GOLPH3	ILMN_1708841	GOLPH3	64083	0.8898	5.20E-06	-0.1948	3.81E-04	-0.1562	4.52E-03	0.1156	3.61E-02	0.0044	9.37E-01	-0.0204	7.12E-01	YES	
KBTBD2	ILMN_1784540	KBTBD2	25948	0.8883	3.55E-09	-0.1531	5.40E-03	-0.0343	5.35E-01	0.1569	4.34E-03	0.1241	2.44E-02	0.1062	5.44E-02	NO	
USP3	ILMN_1725862	USP3	9960	0.8872	1.89E-12	-0.2084	1.40E-04	-0.1235	2.51E-02	0.1168	3.42E-02	0.0273	6.22E-01	-0.0062	9.11E-01	YES	
SKAP2	ILMN_1657129	SKAP2	8935	0.8842	9.39E-08	-0.1784	1.15E-03	-0.0924	9.41E-02	0.1598	3.65E-03	0.0882	1.10E-01	0.0695	2.08E-01	YES	
TMEM188	ILMN_1653134	TMEM188	255919	0.8826	3.33E-10	-0.1988	2.86E-04	-0.0919	9.62E-02	0.1468	7.65E-03	0.0764	1.67E-01	0.0481	3.85E-01	YES	
ACTR2	ILMN_2388605	ACTR2	10097	0.8818	2.94E-06	-0.2012	2.39E-04	-0.0868	1.16E-01	0.1475	7.36E-03	0.0804	1.46E-01	0.0507	3.59E-01	YES	
MNDA	ILMN_1738992	MNDA	4332	0.8801	1.07E-05	-0.1615	3.31E-03	-0.1113	4.36E-02	0.0778	1.59E-01	-0.0011	9.83E-01	-0.0275	6.19E-01	NO	
NUP214	ILMN_1666049	NUP214	8021	0.8797	3.96E-07	-0.1625	3.12E-03	-0.0820	1.38E-01	0.0520	3.47E-01	-0.0058	9.16E-01	-0.0414	4.54E-01	NO	
CEP63	ILMN_1787808	CEP63	80254	0.8780	2.86E-10	-0.2107	1.18E-04	-0.0601	2.77E-01	0.2160	7.82E-05	0.1623	3.15E-03	0.1394	1.14E-02	YES	
CRLF3	ILMN_1660579	CRLF3	51379	0.8770	1.42E-06	-0.2140	9.18E-05	-0.1538	5.17E-03	0.1865	6.73E-04	0.0723	1.91E-01	0.0545	3.24E-01	YES	
LRRK2	ILMN_1776649	LRRK2	120892	0.8769	8.93E-08	-0.1803	1.02E-03	-0.1567	4.38E-03	0.1287	1.96E-02	0.0162	7.69E-01	-0.0009	9.87E-01	YES	
RP5-1022P6.2	ILMN_1701111	RP5-1022P6.2	56261	0.8769	7.26E-07	-0.1653	2.64E-03	-0.1248	2.36E-02	0.0827	1.34E-01	-0.0055	9.20E-01	-0.0306	5.81E-01	NO	
RFFL	ILMN_1753819	RFFL	117584	0.8763	2.75E-06	-0.2253	3.72E-05	-0.1186	3.15E-02	0.1653	2.63E-03	0.0759	1.70E-01	0.0455	4.11E-01	YES	
JMJD1C	ILMN_2410742	JMJD1C	221037	0.8746	1.50E-07	-0.2188	6.27E-05	-0.1492	6.69E-03	0.0747	1.76E-01	-0.0293	5.96E-01	-0.0713	1.97E-01	YES	
PRKAG2	ILMN_1797531	PRKAG2	51422	0.8745	2.92E-08	-0.1527	5.52E-03	-0.0965	8.06E-02	0.0653	2.37E-01	-0.0030	9.57E-01	-0.0307	5.79E-01	NO	
SRGN	ILMN_1760347	SRGN	5552	0.8728	1.07E-08	-0.1912	4.87E-04	-0.1345	1.47E-02	0.0829	1.34E-01	-0.0119	8.30E-01	-0.0446	4.20E-01	YES	
ME2	ILMN_1675186	ME2	4200	0.8708	6.39E-06	-0.1795	1.08E-03	-0.1179	3.26E-02	0.1268	2.14E-02	0.0403	4.66E-01	0.0181	7.43E-01	YES	
NSMAF	ILMN_1716596	NSMAF	8439	0.8699	2.97E-07	-0.2355	1.58E-05	-0.1562	4.52E-03	0.0949	8.56E-02	-0.0150	7.86E-01	-0.0580	2.95E-01	YES	
SFT2D1	ILMN_1734895	SFT2D1	113402	0.8691	1.56E-04	-0.2083	1.41E-04	-0.0366	5.09E-01	0.1985	2.91E-04	0.1616	3.29E-03	0.1330	1.58E-02	YES	
PTGS2	ILMN_2054297	PTGS2	5743	0.8679	1.99E-06	-0.2366	1.44E-05	-0.0879	1.12E-01	0.1791	1.10E-03	0.1093	4.76E-02	0.0737	1.83E-01	YES	
LOC644935	ILMN_1795856	LOC644935	644935	0.8674	4.87E-08	-0.1699	1.98E-03	-0.1053	5.64E-02	-0.0220	6.91E-01	-0.0907	1.01E-01	-0.1403	1.08E-02	YES	

HSDL2	ILMN_1787843	HSDL2	84263	0.8673	1.19E-10	-0.2178	6.82E-05	-0.1126	4.12E-02	0.1967	3.32E-04	0.1092	4.77E-02	0.0868	1.16E-01	YES
DEGS1	ILMN_1780058	DEGS1	8560	0.8672	2.59E-04	-0.1969	3.26E-04	-0.1459	8.03E-03	0.0693	2.10E-01	-0.0322	5.61E-01	-0.0681	2.18E-01	YES
HMGCGR	ILMN_1657395	HMGCGR	3156	0.8662	2.08E-14	-0.2011	2.40E-04	-0.1303	1.81E-02	0.1294	1.89E-02	0.0345	5.33E-01	0.0069	9.01E-01	YES
ACSL3	ILMN_2360705	ACSL3	2181	0.8660	1.26E-03	-0.2109	1.16E-04	-0.1149	3.72E-02	0.0445	4.21E-01	-0.0348	5.29E-01	-0.0844	1.27E-01	YES
GCA	ILMN_1800602	GCA	25801	0.8659	5.78E-08	-0.1379	1.23E-02	-0.0533	3.35E-01	0.0995	7.15E-02	0.0577	2.97E-01	0.0363	5.12E-01	NO
RFWD2	ILMN_2408001	RFWD2	64326	0.8653	8.31E-10	-0.1297	1.86E-02	-0.1050	5.71E-02	0.1658	2.56E-03	0.0854	1.22E-01	0.0865	1.18E-01	NO
ARFIP1	ILMN_2403906	ARFIP1	27236	0.8646	2.02E-03	-0.1963	3.41E-04	-0.1486	6.94E-03	0.0286	6.05E-01	-0.0721	1.92E-01	-0.1154	3.64E-02	YES
C12ORF35	ILMN_2229922	C12orf35	55196	0.8624	5.50E-10	-0.2104	1.20E-04	-0.1014	6.63E-02	0.1722	1.71E-03	0.0939	8.91E-02	0.0677	2.20E-01	YES
HBP1	ILMN_2160764	HBP1	26959	0.8620	1.51E-09	-0.1915	4.79E-04	-0.1352	1.41E-02	0.1331	1.57E-02	0.0348	5.30E-01	0.0119	8.30E-01	YES
ME2	ILMN_2048636	ME2	4200	0.8605	4.37E-02	-0.2083	1.41E-04	-0.1399	1.11E-02	0.0665	2.29E-01	-0.0308	5.78E-01	-0.0720	1.93E-01	YES
SIAH1	ILMN_1711627	SIAH1	6477	0.8602	8.06E-08	-0.1625	3.11E-03	-0.1115	4.33E-02	0.0346	5.32E-01	-0.0418	4.50E-01	-0.0770	1.63E-01	NO
LMBRD1	ILMN_1652128	LMBRD1	55788	0.8550	2.18E-02	-0.2052	1.78E-04	-0.0200	7.17E-01	0.2035	2.02E-04	0.1773	1.24E-03	0.1486	6.93E-03	YES
PPP1R3D	ILMN_1781198	PPP1R3D	5509	0.8544	1.88E-10	-0.1736	1.58E-03	-0.0900	1.03E-01	0.0650	2.40E-01	0.0010	9.86E-01	-0.0349	5.28E-01	YES
PTTG1IP	ILMN_2128750	PTTG1IP	754	0.8536	1.70E-07	-0.1346	1.46E-02	-0.0634	2.51E-01	0.0889	1.08E-01	0.0410	4.58E-01	0.0200	7.18E-01	NO
FEZ2	ILMN_2403946	FEZ2	9637	0.8530	2.16E-05	-0.2096	1.28E-04	-0.0536	3.32E-01	0.3123	7.07E-09	0.2568	2.36E-06	0.2523	3.59E-06	YES
SNRK	ILMN_2107184	SNRK	54861	0.8529	5.57E-05	-0.2107	1.18E-04	-0.0591	2.85E-01	0.1962	3.44E-04	0.1444	8.70E-03	0.1174	3.32E-02	YES
KLHL8	ILMN_1714083	KLHL8	57563	0.8529	3.27E-06	-0.1961	3.47E-04	-0.1550	4.85E-03	0.1139	3.89E-02	0.0036	9.48E-01	-0.0221	6.89E-01	YES
AMD1	ILMN_1788462	AMD1	262	0.8512	3.98E-16	-0.1294	1.89E-02	-0.0579	2.95E-01	0.1062	5.42E-02	0.0610	2.70E-01	0.0444	4.22E-01	NO
ZFAND5	ILMN_1795228	ZFAND5	7763	0.8507	1.28E-04	-0.1695	2.03E-03	-0.0634	2.51E-01	0.0074	8.93E-01	-0.0352	5.24E-01	-0.0844	1.26E-01	YES
DRAM1	ILMN_1669376	DRAM1	55332	0.8492	1.06E-05	-0.1910	4.94E-04	-0.1265	2.17E-02	0.0986	7.42E-02	0.0081	8.83E-01	-0.0225	6.84E-01	YES
OBFC2A	ILMN_1785852	OBFC2A	64859	0.8491	1.71E-07	-0.1812	9.61E-04	-0.0809	1.43E-01	0.1685	2.17E-03	0.1040	5.96E-02	0.0846	1.26E-01	YES
RAB1A	ILMN_2118864	RAB1A	5861	0.8489	4.97E-11	-0.1728	1.65E-03	-0.1487	6.89E-03	0.0190	7.32E-01	-0.0812	1.42E-01	-0.1182	3.20E-02	YES
RNF103	ILMN_1692199	RNF103	7844	0.8480	1.38E-05	-0.2205	5.49E-05	-0.0784	1.56E-01	0.2119	1.07E-04	0.1463	7.87E-03	0.1215	2.76E-02	YES
TMEM59	ILMN_1792508	TMEM59	9528	0.8478	1.04E-03	-0.2155	8.11E-05	-0.0791	1.52E-01	0.1919	4.64E-04	0.1271	2.11E-02	0.1002	6.95E-02	YES
KPNB1	ILMN_1703949	KPNB1	3837	0.8475	8.15E-13	-0.1019	6.49E-02	-0.0617	2.65E-01	0.1041	5.94E-02	0.0564	3.07E-01	0.0495	3.71E-01	NO
DIP2B	ILMN_2180352	DIP2B	57609	0.8475	4.43E-09	-0.1676	2.28E-03	-0.1274	2.09E-02	0.0358	5.18E-01	-0.0512	3.54E-01	-0.0859	1.20E-01	YES
CHUK	ILMN_1677041	CHUK	1147	0.8474	1.44E-05	-0.1427	9.55E-03	-0.0739	1.81E-01	0.2192	6.06E-05	0.1562	4.52E-03	0.1592	3.79E-03	NO
DSE	ILMN_1706498	DSE	29940	0.8459	1.35E-09	-0.1970	3.25E-04	-0.1234	2.52E-02	0.0502	3.64E-01	-0.0351	5.26E-01	-0.0776	1.60E-01	YES
RNF13	ILMN_2339748	RNF13	11342	0.8458	1.23E-05	-0.1793	1.09E-03	-0.1142	3.84E-02	0.1174	3.32E-02	0.0340	5.39E-01	0.0095	8.63E-01	YES
SNX10	ILMN_2170949	SNX10	29887	0.8438	9.25E-04	-0.2158	7.95E-05	-0.0722	1.91E-01	0.1396	1.12E-02	0.0827	1.34E-01	0.0446	4.20E-01	YES
SERINC1	ILMN_1741613	SERINC1	57515	0.8430	2.25E-09	-0.1917	4.73E-04	-0.0911	9.91E-02	0.1220	2.69E-02	0.0537	3.31E-01	0.0229	6.79E-01	YES
FBXO11	ILMN_1713682	FBXO11	80204	0.8388	5.93E-11	-0.1852	7.35E-04	-0.1049	5.74E-02	0.2028	2.14E-04	0.1201	2.94E-02	0.1092	4.79E-02	YES
PDE3B	ILMN_2131381	PDE3B	5140	0.8386	7.68E-07	-0.2162	7.67E-05	-0.0716	1.95E-01	0.0915	9.76E-02	0.0381	4.91E-01	-0.0098	8.60E-01	YES
RCBTB2	ILMN_2148668	RCBTB2	1102	0.8382	1.70E-08	-0.1824	8.85E-04	-0.1079	5.06E-02	0.1543	5.03E-03	0.0727	1.88E-01	0.0536	3.32E-01	YES
TM9SF2	ILMN_1785765	TM9SF2	9375	0.8374	5.46E-05	-0.1743	1.51E-03	-0.1113	4.36E-02	0.1632	3.00E-03	0.0787	1.54E-01	0.0646	2.42E-01	YES
YTHDF3	ILMN_1657470	YTHDF3	253943	0.8373	2.29E-09	-0.1479	7.20E-03	-0.1150	3.70E-02	0.0304	5.83E-01	-0.0481	3.85E-01	-0.0786	1.55E-01	NO
TOR1AIP1	ILMN_2141941	TOR1AIP1	26092	0.8355	9.36E-03	-0.2199	5.73E-05	-0.1710	1.85E-03	0.2102	1.23E-04	0.0831	1.33E-01	0.0700	2.05E-01	YES
RBM22	ILMN_1760256	RBM22	55696	0.8348	1.13E-12	-0.1895	5.48E-04	-0.0947	8.63E-02	0.1724	1.69E-03	0.0985	7.44E-02	0.0788	1.54E-01	YES
TMEM55A	ILMN_1752117	TMEM55A	55529	0.8346	9.18E-10	-0.1058	5.52E-02	-0.0615	2.66E-01	0.2073	1.53E-04	0.1532	5.35E-03	0.1651	2.66E-03	NO
PAN3	ILMN_1681304	PAN3	255967	0.8344	3.65E-11	-0.1414	1.03E-02	-0.0399	4.71E-01	0.1044	5.86E-02	0.0712	1.98E-01	0.0478	3.88E-01	NO
BAZ2B	ILMN_1720850	BAZ2B	29994	0.8342	3.07E-08	-0.1431	9.36E-03	-0.1057	5.54E-02	0.1054	5.62E-02	0.0284	6.08E-01	0.0130	8.14E-01	NO
ELOVL5	ILMN_2174369	ELOVL5	60481	0.8330	6.48E-09	-0.2032	2.07E-04	-0.1087	4.89E-02	0.1198	2.98E-02	0.0399	4.71E-01	0.0069	9.01E-01	YES
KLHL12	ILMN_2164081	KLHL12	59349	0.8312	1.03E-05	-0.1484	7.02E-03	-0.0705	2.02E-01	0.0658	2.34E-01	0.0147	7.91E-01	-0.0148	7.89E-01	NO
FAM8A1	ILMN_1807448	FAM8A1	51439	0.8275	4.94E-04	-0.2149	8.55E-05	-0.1133	3.99E-02	0.2863	1.26E-07	0.1927	4.39E-04	0.1889	5.71E-04	YES
WWP2	ILMN_1659703	WWP2	11060	0.8274	3.12E-08	-0.1667	2.42E-03	-0.1638	2.88E-03	0.0404	4.66E-01	-0.0712	1.98E-01	-0.1000	7.02E-02	NO
YPEL5	ILMN_1711069	YPEL5	51646	0.8265	1.06E-02	-0.2261	3.49E-05	-0.0916	9.73E-02	0.0643	2.45E-01	-0.0007	9.90E-01	-0.0547	3.23E-01	YES

MARCH7	ILMN_1717337	MARCH7	64844	0.8262	1.04E-06	-0.1856	7.18E-04	-0.0480	3.86E-01	0.0378	4.95E-01	0.0035	9.50E-01	-0.0473	3.93E-01	YES
SIAH1	ILMN_2380566	SIAH1	6477	0.8257	2.09E-06	-0.1725	1.69E-03	-0.1047	5.78E-02	0.0940	8.87E-02	0.0184	7.40E-01	-0.0095	8.63E-01	YES
RPS6KA5	ILMN_1657515	RPS6KA5	9252	0.8255	1.69E-07	-0.1324	1.62E-02	-0.0471	3.95E-01	0.1714	1.81E-03	0.1292	1.91E-02	0.1229	2.58E-02	NO
GOLGA7	ILMN_1778673	GOLGA7	51125	0.8248	1.85E-09	-0.1647	2.73E-03	-0.0528	3.40E-01	0.1269	2.14E-02	0.0837	1.30E-01	0.0582	2.92E-01	NO
C1ORF55	ILMN_1748291	C1orf55	163859	0.8243	7.65E-08	-0.1648	2.72E-03	-0.1885	5.89E-04	0.0092	8.68E-01	-0.1168	3.43E-02	-0.1478	7.24E-03	NO
ZFP106	ILMN_1800912	ZFP106	64397	0.8235	3.22E-03	-0.1784	1.15E-03	-0.1041	5.94E-02	0.1457	8.14E-03	0.0672	2.24E-01	0.0473	3.93E-01	YES
KIAA1600	ILMN_1752927	KIAA1600	57700	0.8231	8.69E-05	-0.2048	1.84E-04	-0.1527	5.50E-03	0.0086	8.77E-01	-0.0936	9.02E-02	-0.1432	9.29E-03	YES
C16ORF72	ILMN_1773407	C16orf72	29035	0.8203	9.02E-04	-0.2357	1.56E-05	-0.0144	7.95E-01	0.1351	1.42E-02	0.1170	3.40E-02	0.0636	2.50E-01	YES
CHIC2	ILMN_1679428	CHIC2	26511	0.8182	1.13E-04	-0.1601	3.60E-03	-0.0919	9.59E-02	0.0644	2.44E-01	-0.0009	9.88E-01	-0.0319	5.64E-01	NO
ABHD3	ILMN_1801767	ABHD3	171586	0.8180	1.12E-03	-0.2238	4.20E-05	-0.1712	1.83E-03	0.1191	3.08E-02	-0.0024	9.66E-01	-0.0346	5.32E-01	YES
ZNF586	ILMN_1666727	ZNF586	54807	0.8178	3.89E-05	-0.1547	4.91E-03	-0.0270	6.26E-01	0.1247	2.37E-02	0.0989	7.34E-02	0.0731	1.86E-01	NO
RP2	ILMN_1659255	RP2	6102	0.8175	2.30E-03	-0.2244	4.01E-05	-0.0774	1.61E-01	0.3193	3.12E-09	0.2476	5.52E-06	0.2423	8.79E-06	YES
C7ORF44	ILMN_2081335	C7orf44	55744	0.8171	2.03E-06	-0.1610	3.41E-03	-0.0634	2.52E-01	0.1669	2.39E-03	0.1141	3.85E-02	0.0992	7.24E-02	NO
RNASEL	ILMN_2210601	RNASEL	6041	0.8166	5.77E-01	-0.1998	2.64E-04	-0.1774	1.23E-03	0.1857	7.10E-04	0.0559	3.12E-01	0.0459	4.07E-01	YES
NIPBL	ILMN_2264625	NIPBL	25836	0.8155	2.95E-02	-0.1988	2.86E-04	-0.0945	8.68E-02	0.2644	1.14E-06	0.1848	7.59E-04	0.1799	1.05E-03	YES
PRDX3	ILMN_2395974	PRDX3	10935	0.8155	3.33E-03	-0.2173	7.06E-05	-0.1853	7.33E-04	0.0911	9.90E-02	-0.0379	4.93E-01	-0.0715	1.96E-01	YES
PPP4R1	ILMN_1724544	PPP4R1	9989	0.8153	1.34E-03	-0.2071	1.54E-04	-0.1396	1.12E-02	0.0219	6.93E-01	-0.0724	1.90E-01	-0.1220	2.70E-02	YES
PPM1B	ILMN_1716862	PPM1B	5495	0.8143	6.48E-11	-0.1294	1.89E-02	-0.1267	2.15E-02	0.1162	3.52E-02	0.0245	6.58E-01	0.0187	7.35E-01	NO
RB1CC1	ILMN_1736796	RB1CC1	9821	0.8135	1.36E-04	-0.2399	1.09E-05	-0.0638	2.48E-01	0.0907	1.01E-01	0.0425	4.43E-01	-0.0147	7.90E-01	YES
TMEM71	ILMN_1674402	TMEM71	137835	0.8102	5.25E-10	-0.1440	8.88E-03	-0.0475	3.90E-01	0.1587	3.90E-03	0.1170	3.38E-02	0.1043	5.87E-02	NO
DDX59	ILMN_1748077	DDX59	83479	0.8100	1.98E-07	-0.1764	1.32E-03	-0.1156	3.62E-02	0.1625	3.12E-03	0.0753	1.73E-01	0.0609	2.71E-01	YES
FBXL5	ILMN_2378100	FBXL5	26234	0.8100	1.01E-10	-0.1381	1.22E-02	-0.0253	6.48E-01	0.0663	2.31E-01	0.0452	4.14E-01	0.0136	8.06E-01	NO
CAPZA2	ILMN_1768870	CAPZA2	830	0.8089	1.20E-10	-0.1570	4.31E-03	-0.1131	4.04E-02	0.0739	1.81E-01	-0.0061	9.13E-01	-0.0315	5.69E-01	NO
YME1L1	ILMN_2339825	YME1L1	10730	0.8085	3.51E-14	-0.1730	1.64E-03	-0.0605	2.74E-01	0.1290	1.93E-02	0.0805	1.45E-01	0.0536	3.32E-01	YES
WSB1	ILMN_1747759	WSB1	26118	0.8082	7.14E-04	-0.1904	5.16E-04	-0.0582	2.93E-01	0.0238	6.67E-01	-0.0164	7.66E-01	-0.0703	2.03E-01	YES
SAT1	ILMN_1753342	SAT1	6303	0.8069	2.11E-04	-0.1593	3.76E-03	-0.0279	6.14E-01	0.2749	4.07E-07	0.2389	1.18E-05	0.2412	9.74E-06	NO
SDCBP	ILMN_2363586	SDCBP	6386	0.8043	6.45E-13	-0.1133	4.00E-02	-0.1219	2.70E-02	0.2296	2.62E-05	0.1339	1.51E-02	0.1553	4.75E-03	NO
ZNF586	ILMN_2372200	ZNF586	54807	0.8040	2.08E-09	-0.1881	6.03E-04	-0.1136	3.95E-02	0.0561	3.10E-01	-0.0230	6.78E-01	-0.0626	2.57E-01	YES
TOPORS	ILMN_1749218	TOPORS	10210	0.8033	5.14E-08	-0.1930	4.30E-04	-0.0668	2.27E-01	0.2661	9.78E-07	0.2047	1.85E-04	0.1986	2.90E-04	YES
ERO1L	ILMN_1744963	ERO1L	30001	0.8021	3.32E-11	-0.2008	2.47E-04	-0.1365	1.32E-02	0.1180	3.23E-02	0.0197	7.22E-01	-0.0092	8.68E-01	YES
H2AFY	ILMN_2373495	H2AFY	9555	0.8018	2.71E-06	-0.1550	4.83E-03	-0.0716	1.95E-01	0.1571	4.28E-03	0.0995	7.14E-02	0.0858	1.20E-01	NO
FYB	ILMN_1796537	FYB	2533	0.7993	3.14E-06	-0.1793	1.09E-03	-0.0021	9.70E-01	0.0465	4.01E-01	0.0421	4.46E-01	-0.0107	8.47E-01	YES
NBN	ILMN_1734833	NBN	4683	0.7980	2.73E-07	-0.1462	7.90E-03	-0.0925	9.39E-02	0.1740	1.54E-03	0.1014	6.63E-02	0.0967	7.99E-02	NO
STK17B	ILMN_1798543	STK17B	9262	0.7976	1.77E-13	-0.1721	1.73E-03	-0.0772	1.62E-01	-0.0400	4.70E-01	-0.0888	1.08E-01	-0.1464	7.83E-03	YES
RGS2	ILMN_2197365	RGS2	5997	0.7946	1.18E-07	-0.1382	1.21E-02	-0.1207	2.86E-02	0.0195	7.25E-01	-0.0621	2.62E-01	-0.0906	1.01E-01	NO
MPZL2	ILMN_1752932	MPZL2	10205	0.7937	1.24E-10	-0.2189	6.25E-05	-0.1252	2.31E-02	0.2197	5.86E-05	0.1224	2.64E-02	0.1057	5.54E-02	YES
PTPN12	ILMN_1695509	PTPN12	5782	0.7926	1.95E-05	-0.1564	4.47E-03	-0.0627	2.57E-01	0.2042	1.92E-04	0.1496	6.57E-03	0.1435	9.16E-03	NO
RAB21	ILMN_1746856	RAB21	23011	0.7924	2.51E-08	-0.1088	4.86E-02	-0.0840	1.29E-01	-0.0292	5.98E-01	-0.0832	1.32E-01	-0.1158	3.58E-02	NO
EXOC6	ILMN_1651628	EXOC6	54536	0.7921	1.18E-08	-0.1972	3.20E-04	-0.0818	1.39E-01	0.3403	2.31E-10	0.2643	1.16E-06	0.2732	4.86E-07	YES
YIPF4	ILMN_1782444	YIPF4	84272	0.7908	1.42E-07	-0.1929	4.33E-04	-0.0344	5.34E-01	0.1983	2.96E-04	0.1628	3.06E-03	0.1392	1.15E-02	YES
GNG10	ILMN_1757074	GNG10	2790	0.7894	1.26E-02	-0.2120	1.07E-04	-0.0636	2.50E-01	0.1830	8.56E-04	0.1291	1.92E-02	0.0996	7.12E-02	YES
GNAI3	ILMN_1696003	GNAI3	2773	0.7886	4.43E-08	-0.1415	1.02E-02	-0.0942	8.79E-02	0.1260	2.23E-02	0.0553	3.17E-01	0.0431	4.36E-01	NO
NIN	ILMN_1724753	NIN	51199	0.7884	1.14E-04	-0.1308	1.76E-02	-0.0946	8.65E-02	0.0374	5.00E-01	-0.0280	6.13E-01	-0.0538	3.30E-01	NO
ZMPSTE24	ILMN_1656413	ZMPSTE24	10269	0.7881	4.13E-03	-0.1538	5.17E-03	0.0020	9.71E-01	0.0351	5.25E-01	0.0342	5.36E-01	-0.0125	8.22E-01	NO
SLC15A4	ILMN_2076463	SLC15A4	121260	0.7881	2.44E-06	-0.1755	1.40E-03	-0.1049	5.73E-02	-0.0461	4.04E-01	-0.1130	4.05E-02	-0.1694	2.05E-03	YES
C14ORF138	ILMN_2394193	C14orf138	79609	0.7874	5.21E-07	-0.2027	2.15E-04	-0.0760	1.69E-01	0.1513	5.97E-03	0.0911	9.91E-02	0.0603	2.76E-01	YES

PGM2	ILMN_1673543	PGM2	55276	0.7868	6.38E-02	-0.1645	2.76E-03	-0.0436	4.31E-01	0.0501	3.65E-01	0.0180	7.46E-01	-0.0237	6.69E-01	NO
IRS2	ILMN_2083469	IRS2	8660	0.7863	5.61E-04	-0.1369	1.29E-02	-0.0061	9.13E-01	0.0625	2.59E-01	0.0544	3.25E-01	0.0200	7.18E-01	NO
SLA	ILMN_1667371	SLA	6503	0.7837	1.02E-07	-0.1442	8.82E-03	-0.0625	2.58E-01	-0.0266	6.31E-01	-0.0665	2.29E-01	-0.1136	3.94E-02	NO
CCNDBP1	ILMN_1702247	CCNDBP1	23582	0.7828	1.66E-05	-0.1397	1.12E-02	-0.1043	5.87E-02	0.2205	5.48E-05	0.1371	1.28E-02	0.1453	8.28E-03	NO
HTATIP2	ILMN_1664303	HTATIP2	10553	0.7821	1.15E-06	-0.1290	1.92E-02	-0.0124	8.23E-01	0.0423	4.45E-01	0.0314	5.71E-01	-0.0035	9.49E-01	NO
TMEM167B	ILMN_1795893	TMEM167B	56900	0.7811	4.09E-06	-0.1469	7.61E-03	-0.0917	9.67E-02	0.0524	3.43E-01	-0.0120	8.29E-01	-0.0408	4.61E-01	NO
JMJD1C	ILMN_1764970	JMJD1C	221037	0.7807	6.51E-05	-0.2028	2.13E-04	-0.1320	1.66E-02	0.0803	1.46E-01	-0.0126	8.20E-01	-0.0502	3.64E-01	YES
SH3GLB1	ILMN_1766045	SH3GLB1	51100	0.7804	2.51E-08	-0.1206	2.87E-02	-0.0517	3.50E-01	0.1646	2.74E-03	0.1198	2.99E-02	0.1169	3.41E-02	NO
RMI1	ILMN_2151488	RMI1	80010	0.7786	7.06E-05	-0.1694	2.05E-03	-0.0429	4.38E-01	0.0141	7.99E-01	-0.0154	7.81E-01	-0.0658	2.34E-01	YES
SP3	ILMN_1756942	SP3	6670	0.7784	2.73E-12	-0.1613	3.34E-03	-0.0319	5.64E-01	0.1236	2.50E-02	0.0945	8.71E-02	0.0669	2.26E-01	NO
HIATL1	ILMN_1737964	HIATL1	84641	0.7780	7.98E-07	-0.0990	7.28E-02	-0.1135	3.96E-02	0.0599	2.78E-01	-0.0194	7.26E-01	-0.0274	6.21E-01	NO
ARFGEF1	ILMN_1728471	ARFGEF1	10565	0.7778	1.10E-07	-0.1764	1.31E-03	-0.0566	3.06E-01	0.1891	5.64E-04	0.1394	1.14E-02	0.1226	2.62E-02	YES
GLIPR1	ILMN_1769245	GLIPR1	11010	0.7776	1.51E-04	-0.1971	3.23E-04	-0.0420	4.47E-01	0.3132	6.40E-09	0.2654	1.05E-06	0.2638	1.21E-06	YES
DICER1	ILMN_1772692	DICER1	23405	0.7775	2.05E-05	-0.1525	5.58E-03	-0.0767	1.65E-01	0.0794	1.51E-01	0.0233	6.73E-01	-0.0041	9.41E-01	NO
VPS4B	ILMN_1792587	VPS4B	9525	0.7757	1.16E-10	-0.1339	1.50E-02	0.0129	8.16E-01	0.1293	1.89E-02	0.1297	1.86E-02	0.1069	5.27E-02	NO
IRAK3	ILMN_1661695	IRAK3	11213	0.7752	8.46E-01	-0.2369	1.40E-05	-0.1112	4.38E-02	0.2293	2.68E-05	0.1407	1.06E-02	0.1178	3.26E-02	YES
CPD	ILMN_1703074	CPD	1362	0.7748	3.86E-08	-0.1035	6.08E-02	0.0106	8.48E-01	0.1343	1.48E-02	0.1329	1.59E-02	0.1220	2.70E-02	NO
RAB27A	ILMN_1665859	RAB27A	5873	0.7747	2.77E-05	-0.2082	1.42E-04	-0.1091	4.79E-02	0.1102	4.58E-02	0.0306	5.80E-01	-0.0060	9.14E-01	YES
RHOT1	ILMN_1678504	RHOT1	55288	0.7743	3.49E-06	-0.1968	3.29E-04	-0.1014	6.62E-02	0.1551	4.80E-03	0.0778	1.59E-01	0.0531	3.37E-01	YES
NPTN	ILMN_2336982	NPTN	27020	0.7743	2.60E-03	-0.1771	1.26E-03	-0.0468	3.98E-01	0.1300	1.83E-02	0.0907	1.01E-01	0.0608	2.72E-01	YES
RBMS1	ILMN_2358540	RBMS1	5937	0.7710	4.54E-07	-0.1546	4.94E-03	0.0148	7.89E-01	0.1569	4.34E-03	0.1567	4.37E-03	0.1320	1.66E-02	NO
RNF145	ILMN_1710906	RNF145	153830	0.7708	7.36E-02	-0.1516	5.85E-03	-0.1513	5.95E-03	0.1184	3.18E-02	0.0102	8.54E-01	0.0003	9.96E-01	NO
SNRK	ILMN_1794399	SNRK	54861	0.7705	3.05E-08	-0.2312	2.28E-05	-0.1215	2.75E-02	0.1671	2.36E-03	0.0756	1.71E-01	0.0439	4.28E-01	YES
SCYL2	ILMN_1711919	SCYL2	55681	0.7699	5.42E-10	-0.0969	7.94E-02	-0.0787	1.55E-01	0.1413	1.03E-02	0.0801	1.47E-01	0.0843	1.27E-01	NO
PHF20L1	ILMN_1732985	PHF20L1	51105	0.7686	2.29E-08	-0.1495	6.59E-03	-0.0961	8.19E-02	0.1292	1.90E-02	0.0571	3.02E-01	0.0430	4.37E-01	NO
STX6	ILMN_1777915	STX6	10228	0.7678	3.83E-03	-0.1399	1.11E-02	-0.1117	4.29E-02	0.0774	1.62E-01	-0.0019	9.73E-01	-0.0208	7.07E-01	NO
WASPIP	ILMN_1668417	WASPIP	7456	0.7668	2.73E-02	-0.2085	1.40E-04	-0.0597	2.80E-01	0.2785	2.84E-07	0.2211	5.24E-05	0.2111	1.15E-04	NO
RGS18	ILMN_2101278	RGS18	64407	0.7667	3.33E-06	-0.0842	1.27E-01	-0.1158	3.58E-02	-0.0099	8.58E-01	-0.0863	1.18E-01	-0.1025	6.33E-02	NO
DUSP11	ILMN_1740171	DUSP11	8446	0.7652	1.39E-10	-0.2290	2.74E-05	-0.0762	1.68E-01	0.1840	7.98E-04	0.1217	2.74E-02	0.0881	1.11E-01	NO
RAB11A	ILMN_1712312	RAB11A	8766	0.7644	2.98E-05	-0.1335	1.54E-02	-0.0509	3.58E-01	0.0332	5.49E-01	-0.0028	9.60E-01	-0.0360	5.15E-01	NO
PDPK1	ILMN_2387799	PDPK1	5170	0.7641	2.48E-06	-0.1471	7.51E-03	-0.0367	5.07E-01	0.1685	2.16E-03	0.1334	1.55E-02	0.1202	2.93E-02	NO
SHOC2	ILMN_2158242	SHOC2	8036	0.7640	7.90E-14	-0.0657	2.35E-01	-0.0790	1.53E-01	-0.0042	9.40E-01	-0.0565	3.07E-01	-0.0699	2.06E-01	NO
LOC88523	ILMN_1737561	LOC88523	88523	0.7635	1.62E-05	-0.2070	1.56E-04	-0.1081	5.00E-02	0.0063	9.09E-01	-0.0660	2.32E-01	-0.1226	2.61E-02	NO
TACC1	ILMN_1770084	TACC1	6867	0.7628	1.57E-05	-0.1947	3.81E-04	-0.0456	4.10E-01	-0.0585	2.90E-01	-0.0851	1.23E-01	-0.1582	4.01E-03	NO
CENTB2	ILMN_1766798	CENTB2	23527	0.7572	1.95E-01	-0.1897	5.41E-04	-0.0491	3.75E-01	0.1671	2.36E-03	0.1239	2.47E-02	0.0972	7.85E-02	NO
ST8SIA4	ILMN_2253732	ST8SIA4	7903	0.7548	1.42E-05	-0.1330	1.58E-02	-0.0201	7.17E-01	0.0884	1.09E-01	0.0695	2.09E-01	0.0433	4.34E-01	NO
CYB5R4	ILMN_1688158	CYB5R4	51167	0.7538	3.14E-01	-0.2286	2.83E-05	-0.1038	6.00E-02	0.0322	5.61E-01	-0.0389	4.82E-01	-0.0985	7.43E-02	NO
IFRD1	ILMN_1667561	IFRD1	3475	0.7534	6.48E-01	-0.1942	3.95E-04	-0.0415	4.53E-01	0.1232	2.54E-02	0.0878	1.12E-01	0.0499	3.67E-01	NO
USP38	ILMN_1704876	USP38	84640	0.7527	1.70E-02	-0.2203	5.55E-05	-0.0994	7.18E-02	0.1258	2.25E-02	0.0517	3.50E-01	0.0128	8.18E-01	NO
CLEC7A	ILMN_1700610	CLEC7A	64581	0.7524	8.20E-11	-0.1139	3.90E-02	-0.0916	9.71E-02	0.0217	6.95E-01	-0.0407	4.62E-01	-0.0641	2.46E-01	NO
FBXO33	ILMN_1664826	FBXO33	254170	0.7523	3.86E-08	-0.0858	1.21E-01	0.0285	6.07E-01	0.1412	1.03E-02	0.1512	5.99E-03	0.1455	8.21E-03	NO
SLMAP	ILMN_1783120	SLMAP	7871	0.7522	7.97E-01	-0.2458	6.47E-06	-0.0705	2.02E-01	0.2083	1.41E-04	0.1482	7.08E-03	0.1129	4.07E-02	NO
PRKAR1A	ILMN_2389590	PRKAR1A	5573	0.7520	3.74E-05	-0.1681	2.22E-03	-0.1053	5.65E-02	0.2424	8.69E-06	0.1570	4.30E-03	0.1598	3.65E-03	NO
ROD1	ILMN_2117223	ROD1	9991	0.7516	3.68E-10	-0.1167	3.44E-02	-0.0266	6.31E-01	0.0423	4.44E-01	0.0220	6.91E-01	-0.0068	9.03E-01	NO
ZSWIM6	ILMN_1777061	ZSWIM6	57688	0.7477	4.10E-07	-0.2116	1.10E-04	-0.0576	2.98E-01	0.0668	2.27E-01	0.0242	6.62E-01	-0.0287	6.05E-01	NO
BTG1	ILMN_1775743	BTG1	694	0.7453	5.94E-11	-0.1258	2.24E-02	0.0084	8.80E-01	0.0120	8.28E-01	0.0168	7.61E-01	-0.0255	6.44E-01	NO

CD302	ILMN_1716797	CD302	9936	0.7451	7.93E-07	-0.2299	2.55E-05	-0.0842	1.28E-01	0.1223	2.66E-02	0.0585	2.90E-01	0.0136	8.06E-01	NO
NFE2L2	ILMN_1790909	NFE2L2	4780	0.7435	3.08E-12	-0.1104	4.55E-02	-0.0327	5.54E-01	0.0878	1.12E-01	0.0604	2.74E-01	0.0436	4.31E-01	NO
STX6	ILMN_2157951	STX6	10228	0.7419	2.47E-08	-0.1876	6.24E-04	-0.1191	3.08E-02	0.0765	1.66E-01	-0.0076	8.91E-01	-0.0423	4.44E-01	NO
LRMP	ILMN_1804419	LRMP	4033	0.7394	6.28E-04	-0.2564	2.45E-06	-0.0721	1.92E-01	0.1244	2.40E-02	0.0685	2.15E-01	0.0133	8.10E-01	NO
ACSL4	ILMN_1683598	ACSL4	2182	0.7383	9.42E-03	-0.2187	6.31E-05	-0.1469	7.60E-03	0.1783	1.16E-03	0.0693	2.10E-01	0.0473	3.92E-01	NO
OGFRL1	ILMN_2095759	OGFRL1	79627	0.7367	1.44E-02	-0.1850	7.45E-04	-0.0629	2.55E-01	0.2446	7.17E-06	0.1873	6.40E-04	0.1792	1.10E-03	NO
CASC4	ILMN_2325574	CASC4	113201	0.7358	1.35E-04	-0.1855	7.23E-04	0.0045	9.35E-01	0.0996	7.12E-02	0.0963	8.12E-02	0.0509	3.57E-01	NO
TP53INP1	ILMN_2214197	TP53INP1	94241	0.7356	7.04E-06	-0.2447	7.14E-06	-0.0341	5.37E-01	0.1191	3.08E-02	0.0889	1.08E-01	0.0318	5.66E-01	NO
LAMP2	ILMN_2279961	LAMP2	3920	0.7353	3.03E-15	-0.0875	1.13E-01	-0.0400	4.70E-01	0.1541	5.08E-03	0.1178	3.27E-02	0.1228	2.59E-02	NO
LYRM1	ILMN_1749244	LYRM1	57149	0.7306	3.35E-03	-0.1690	2.10E-03	0.0264	6.33E-01	0.1733	1.60E-03	0.1799	1.05E-03	0.1518	5.79E-03	NO
SLA	ILMN_2345898	SLA	6503	0.7297	1.52E-15	-0.0988	7.36E-02	-0.0088	8.73E-01	0.0762	1.68E-01	0.0655	2.36E-01	0.0473	3.92E-01	NO
C14ORF138	ILMN_1781102	C14orf138	79609	0.7283	1.47E-04	-0.2221	4.81E-05	-0.0496	3.70E-01	0.1596	3.70E-03	0.1165	3.47E-02	0.0771	1.63E-01	NO
FAM120A	ILMN_2163306	FAM120A	23196	0.7267	6.63E-03	-0.1373	1.26E-02	-0.0958	8.27E-02	0.0047	9.33E-01	-0.0594	2.83E-01	-0.0938	8.95E-02	NO
DHX40	ILMN_2248589	DHX40	79665	0.7265	3.58E-10	-0.1324	1.63E-02	-0.0584	2.91E-01	-0.0259	6.40E-01	-0.0631	2.53E-01	-0.1066	5.33E-02	NO
STK3	ILMN_1666453	STK3	6788	0.7257	1.58E-01	-0.1651	2.67E-03	-0.0079	8.87E-01	0.1038	5.99E-02	0.0920	9.57E-02	0.0561	3.10E-01	NO
NUMB	ILMN_2331266	NUMB	8650	0.7245	3.35E-02	-0.2178	6.77E-05	-0.0742	1.80E-01	0.1164	3.48E-02	0.0597	2.80E-01	0.0165	7.65E-01	NO
NAMPT	ILMN_1653871	NAMPT	10135	0.7238	4.35E-03	-0.1942	3.95E-04	-0.0869	1.16E-01	0.1793	1.09E-03	0.1102	4.58E-02	0.0892	1.06E-01	NO
TBK1	ILMN_1739967	TBK1	29110	0.7234	2.50E-03	-0.1664	2.46E-03	-0.0463	4.02E-01	0.0683	2.17E-01	0.0331	5.49E-01	-0.0052	9.25E-01	NO
FBXO34	ILMN_1765060	FBXO34	55030	0.7213	1.91E-04	-0.0913	9.83E-02	-0.0576	2.97E-01	0.0948	8.60E-02	0.0505	3.62E-01	0.0448	4.18E-01	NO
RAB31	ILMN_1660691	RAB31	11031	0.7185	4.19E-07	-0.1077	5.10E-02	0.0239	6.66E-01	0.2133	9.69E-05	0.2156	8.06E-05	0.2170	7.23E-05	NO
ELF2	ILMN_1691559	ELF2	1998	0.7172	9.68E-05	-0.1665	2.44E-03	-0.0810	1.42E-01	0.0579	2.95E-01	0.0003	9.95E-01	-0.0357	5.19E-01	NO
HBP1	ILMN_1685415	HBP1	26959	0.7167	1.73E-12	-0.0546	3.23E-01	0.0116	8.34E-01	0.1451	8.39E-03	0.1436	9.11E-03	0.1516	5.86E-03	NO
COQ10B	ILMN_1751615	COQ10B	80219	0.7150	8.50E-02	-0.1712	1.83E-03	-0.0790	1.53E-01	0.1626	3.10E-03	0.0997	7.09E-02	0.0824	1.36E-01	NO
PPP2R5A	ILMN_1738784	PPP2R5A	5525	0.7147	7.38E-01	-0.1994	2.73E-04	-0.0826	1.35E-01	0.0861	1.19E-01	0.0257	6.43E-01	-0.0160	7.73E-01	NO
ROD1	ILMN_1768197	ROD1	9991	0.7141	1.02E-07	-0.1212	2.79E-02	-0.0232	6.74E-01	0.0491	3.75E-01	0.0305	5.81E-01	0.0011	9.84E-01	NO
LYST	ILMN_1675956	LYST	1130	0.7130	1.27E-09	-0.1142	3.84E-02	-0.0450	4.16E-01	0.1822	9.00E-04	0.1407	1.06E-02	0.1427	9.57E-03	NO
CHSY1	ILMN_1791576	CHSY1	22856	0.7114	3.77E-03	-0.2048	1.84E-04	-0.0248	6.54E-01	0.2512	3.95E-06	0.2188	6.29E-05	0.2002	2.57E-04	NO
TGFBR2	ILMN_1726245	TGFBR2	7048	0.7102	6.74E-01	-0.1913	4.85E-04	-0.0909	9.99E-02	0.0277	6.17E-01	-0.0345	5.33E-01	-0.0837	1.30E-01	NO
DAZAP2	ILMN_1718988	DAZAP2	9802	0.7098	1.32E-04	-0.2029	2.12E-04	-0.0657	2.35E-01	0.2269	3.27E-05	0.1688	2.13E-03	0.1514	5.93E-03	NO
GMCL1	ILMN_2194627	GMCL1	64395	0.7088	1.70E-15	-0.1288	1.94E-02	-0.0335	5.45E-01	0.1199	2.96E-02	0.0900	1.03E-01	0.0732	1.85E-01	NO
KPNA4	ILMN_1664756	KPNA4	3840	0.7084	9.74E-02	-0.1658	2.55E-03	-0.0480	3.86E-01	0.1323	1.63E-02	0.0920	9.58E-02	0.0666	2.28E-01	NO
FAM49B	ILMN_1809400	FAM49B	51571	0.7084	2.82E-06	-0.1211	2.81E-02	-0.0040	9.43E-01	0.1007	6.81E-02	0.0917	9.69E-02	0.0700	2.06E-01	NO
ADAM10	ILMN_1718946	ADAM10	102	0.7080	7.17E-07	-0.2190	6.17E-05	-0.0276	6.18E-01	0.1284	1.98E-02	0.1019	6.49E-02	0.0547	3.23E-01	NO
SLK	ILMN_1700834	SLK	9748	0.7038	1.89E-03	-0.0831	1.33E-01	-0.0368	5.06E-01	0.2023	2.21E-04	0.1650	2.69E-03	0.1806	1.00E-03	NO
HIAT1	ILMN_1763007	HIAT1	64645	0.7030	4.48E-05	-0.1596	3.70E-03	-0.1154	3.64E-02	0.1339	1.51E-02	0.0486	3.80E-01	0.0344	5.35E-01	NO
CD55	ILMN_1800540	CD55	1604	0.7029	3.60E-03	-0.1350	1.43E-02	-0.0763	1.67E-01	0.0846	1.26E-01	0.0284	6.07E-01	0.0080	8.85E-01	NO
VNN2	ILMN_1758864	VNN2	8875	0.7022	3.80E-02	-0.1558	4.61E-03	-0.0373	5.00E-01	0.1855	7.19E-04	0.1490	6.80E-03	0.1361	1.35E-02	NO
ATP11B	ILMN_1658884	ATP11B	23200	0.7020	2.09E-02	-0.1468	7.65E-03	-0.0746	1.77E-01	-0.0104	8.51E-01	-0.0594	2.83E-01	-0.1027	6.28E-02	NO
ZFP106	ILMN_2043265	ZFP106	64397	0.7015	9.87E-17	-0.1287	1.96E-02	-0.0765	1.66E-01	0.2061	1.66E-04	0.1422	9.83E-03	0.1478	7.24E-03	NO
STXBP5	ILMN_1684402	STXBP5	134957	0.6997	2.02E-03	-0.2039	1.96E-04	-0.0564	3.07E-01	0.1685	2.17E-03	0.1202	2.92E-02	0.0898	1.04E-01	NO
FAM174A	ILMN_1712577	FAM174A	345757	0.6986	1.25E-04	-0.2026	2.16E-04	-0.0334	5.46E-01	0.1571	4.28E-03	0.1249	2.34E-02	0.0898	1.04E-01	NO
LAMP2	ILMN_1752351	LAMP2	3920	0.6978	9.27E-11	-0.1855	7.24E-04	-0.0977	7.67E-02	0.2146	8.72E-05	0.1360	1.36E-02	0.1263	2.19E-02	NO
TP53INP1	ILMN_1714108	TP53INP1	94241	0.6974	1.26E-05	-0.1695	2.04E-03	-0.0478	3.88E-01	0.0292	5.98E-01	-0.0045	9.36E-01	-0.0514	3.53E-01	NO
ARL6IP6	ILMN_1797964	ARL6IP6	151188	0.6973	3.65E-04	-0.1787	1.14E-03	-0.0136	8.05E-01	0.1845	7.71E-04	0.1637	2.90E-03	0.1397	1.12E-02	NO
DYRK1A	ILMN_2374293	DYRK1A	1859	0.6971	2.26E-07	-0.1406	1.07E-02	0.0866	1.17E-01	0.1603	3.56E-03	0.2077	1.48E-04	0.1792	1.09E-03	NO
FAM45A	ILMN_1691760	FAM45A	404636	0.6965	5.86E-07	-0.1503	6.31E-03	-0.0352	5.25E-01	0.2733	4.79E-07	0.2325	2.04E-05	0.2386	1.22E-05	NO

PDE4B	ILMN_2340259	PDE4B	5142	0.6962	5.66E-08	-0.1583	4.00E-03	-0.0267	6.29E-01	0.2467	5.94E-06	0.2133	9.65E-05	0.2102	1.22E-04	NO
CCDC128	ILMN_1667356	CCDC128	129285	0.6955	3.68E-02	-0.1313	1.72E-02	-0.0171	7.57E-01	0.0825	1.35E-01	0.0659	2.33E-01	0.0388	4.83E-01	NO
STXBP3	ILMN_1764168	STXBP3	6814	0.6949	1.58E-07	-0.1569	4.33E-03	-0.0122	8.25E-01	0.0165	7.65E-01	0.0073	8.95E-01	-0.0423	4.45E-01	NO
PPP2CA	ILMN_2196097	PPP2CA	5515	0.6927	5.38E-03	-0.1520	5.75E-03	0.0079	8.86E-01	0.1661	2.51E-03	0.1608	3.44E-03	0.1397	1.12E-02	NO
TM2D3	ILMN_1761120	TM2D3	80213	0.6915	1.04E-08	-0.1250	2.33E-02	0.0451	4.15E-01	0.1384	1.19E-02	0.1596	3.69E-03	0.1376	1.25E-02	NO
CHMP1B	ILMN_1763265	CHMP1B	57132	0.6897	7.14E-02	-0.1524	5.61E-03	-0.0872	1.15E-01	0.1479	7.19E-03	0.0806	1.45E-01	0.0680	2.19E-01	NO
TGFBR2	ILMN_2384241	TGFBR2	7048	0.6890	3.71E-05	-0.0799	1.48E-01	-0.0976	7.71E-02	0.1185	3.16E-02	0.0461	4.05E-01	0.0542	3.27E-01	NO
PIGB	ILMN_1733311	PIGB	9488	0.6882	4.99E-03	-0.1985	2.91E-04	-0.1367	1.31E-02	-0.0046	9.34E-01	-0.0952	8.47E-02	-0.1473	7.43E-03	NO
NCOA4	ILMN_1773906	NCOA4	8031	0.6874	2.82E-11	-0.1601	3.59E-03	-0.0713	1.97E-01	0.1876	6.25E-04	0.1283	1.99E-02	0.1187	3.13E-02	NO
RHOT1	ILMN_2338480	RHOT1	55288	0.6856	3.70E-07	-0.0813	1.41E-01	-0.1004	6.90E-02	0.1681	2.21E-03	0.0907	1.01E-01	0.1084	4.95E-02	NO
DOCK11	ILMN_1765860	DOCK11	139818	0.6852	4.17E-04	-0.1700	1.98E-03	-0.1130	4.04E-02	0.1037	6.04E-02	0.0219	6.93E-01	-0.0022	9.69E-01	NO
HSD17B11	ILMN_1735367	HSD17B11	51170	0.6851	3.45E-13	-0.1848	7.55E-04	-0.0103	8.52E-01	0.0983	7.51E-02	0.0852	1.23E-01	0.0417	4.51E-01	NO
TIPARP	ILMN_1765578	TIPARP	25976	0.6851	5.02E-01	-0.1872	6.43E-04	-0.1226	2.61E-02	0.0927	9.30E-02	0.0053	9.24E-01	-0.0257	6.43E-01	NO
USP15	ILMN_1665557	USP15	9958	0.6840	2.14E-03	-0.1402	1.09E-02	-0.0872	1.14E-01	-0.0130	8.15E-01	-0.0702	2.04E-01	-0.1101	4.60E-02	NO
CENTB2	ILMN_2088825	CENTB2	23527	0.6835	1.48E-04	-0.1577	4.14E-03	0.0097	8.61E-01	0.0898	1.04E-01	0.0905	1.01E-01	0.0522	3.45E-01	NO
WTAP	ILMN_1734544	WTAP	9589	0.6808	1.46E-07	-0.1292	1.91E-02	0.0212	7.02E-01	0.1091	4.81E-02	0.1162	3.51E-02	0.0901	1.03E-01	NO
TRIM23	ILMN_1752741	TRIM23	373	0.6792	2.16E-05	-0.2020	2.25E-04	-0.0590	2.86E-01	0.1150	3.70E-02	0.0685	2.15E-01	0.0286	6.06E-01	NO
CLIP1	ILMN_2404085	CLIP1	6249	0.6786	1.17E-14	-0.1703	1.94E-03	-0.0417	4.51E-01	0.1676	2.29E-03	0.1292	1.90E-02	0.1084	4.94E-02	NO
C9ORF72	ILMN_1741881	C9orf72	203228	0.6785	1.29E-11	-0.1418	1.00E-02	-0.0637	2.50E-01	0.2653	1.06E-06	0.2061	1.67E-04	0.2171	7.18E-05	NO
SMCHD1	ILMN_1808148	SMCHD1	23347	0.6779	9.36E-01	-0.2150	8.46E-05	-0.0914	9.81E-02	0.1241	2.43E-02	0.0555	3.16E-01	0.0170	7.58E-01	NO
C12ORF35	ILMN_1726289	C12orf35	55196	0.6765	1.93E-03	-0.1977	3.09E-04	-0.0045	9.35E-01	0.0790	1.53E-01	0.0710	1.99E-01	0.0185	7.38E-01	NO
IL10RB	ILMN_2230892	IL10RB	3588	0.6757	4.72E-01	-0.1510	6.06E-03	0.0137	8.04E-01	0.1051	5.69E-02	0.1075	5.13E-02	0.0740	1.81E-01	NO
OSTF1	ILMN_1742456	OSTF1	26578	0.6751	3.87E-11	-0.1128	4.10E-02	-0.0610	2.70E-01	0.2142	8.99E-05	0.1600	3.61E-03	0.1708	1.88E-03	NO
TOR1AIP1	ILMN_1729318	TOR1AIP1	26092	0.6749	1.37E-05	-0.1963	3.40E-04	-0.1198	2.99E-02	0.0731	1.86E-01	-0.0112	8.40E-01	-0.0495	3.71E-01	NO
SPAST	ILMN_1796738	SPAST	6683	0.6743	3.77E-05	-0.2052	1.79E-04	-0.0517	3.50E-01	0.1047	5.77E-02	0.0637	2.49E-01	0.0197	7.21E-01	NO
MTHFS	ILMN_1772302	MTHFS	10588	0.6721	2.34E-11	-0.1302	1.82E-02	-0.0487	3.78E-01	0.0363	5.12E-01	0.0016	9.77E-01	-0.0302	5.86E-01	NO
CAB39	ILMN_1765858	CAB39	51719	0.6695	8.60E-02	-0.1371	1.28E-02	-0.0083	8.80E-01	0.1354	1.40E-02	0.1212	2.79E-02	0.1013	6.65E-02	NO
DIP2B	ILMN_1755589	DIP2B	57609	0.6645	3.40E-03	-0.1589	3.86E-03	-0.1052	5.67E-02	0.1936	4.12E-04	0.1114	4.35E-02	0.1078	5.07E-02	NO
C18ORF25	ILMN_1801822	C18orf25	147339	0.6643	4.10E-02	-0.1818	9.23E-04	-0.0775	1.61E-01	0.0667	2.28E-01	0.0109	8.44E-01	-0.0291	5.99E-01	NO
MIER1	ILMN_1682232	MIER1	57708	0.6640	2.22E-14	-0.0676	2.22E-01	-0.0508	3.58E-01	0.1951	3.70E-04	0.1489	6.80E-03	0.1703	1.93E-03	NO
MAP3K8	ILMN_1741159	MAP3K8	1326	0.6635	9.62E-01	-0.1546	4.94E-03	-0.0018	9.74E-01	0.0757	1.71E-01	0.0697	2.07E-01	0.0311	5.74E-01	NO
CDKN1B	ILMN_1722811	CDKN1B	1027	0.6628	1.50E-01	-0.1484	6.99E-03	-0.0295	5.94E-01	0.1786	1.14E-03	0.1477	7.30E-03	0.1350	1.43E-02	NO
IFNGR1	ILMN_1675939	IFNGR1	3459	0.6617	3.66E-04	-0.1362	1.34E-02	-0.1319	1.66E-02	0.1798	1.06E-03	0.0806	1.45E-01	0.0856	1.21E-01	NO
ATP6V1A	ILMN_1711516	ATP6V1A	523	0.6587	4.38E-06	-0.1983	2.95E-04	0.0032	9.54E-01	0.1014	6.63E-02	0.0970	7.88E-02	0.0477	3.88E-01	NO
TLE4	ILMN_2103761	TLE4	7091	0.6585	1.06E-07	-0.1358	1.37E-02	-0.0003	9.96E-01	0.0754	1.73E-01	0.0704	2.03E-01	0.0381	4.91E-01	NO
TLE4	ILMN_1696704	TLE4	7091	0.6569	2.27E-03	-0.1420	9.93E-03	-0.0070	8.99E-01	0.0409	4.60E-01	0.0336	5.43E-01	-0.0067	9.04E-01	NO
PTPN12	ILMN_2222074	PTPN12	5782	0.6567	7.54E-05	-0.0741	1.80E-01	0.0454	4.12E-01	0.0695	2.09E-01	0.0953	8.44E-02	0.0774	1.62E-01	NO
DYRK1A	ILMN_1664560	DYRK1A	1859	0.6559	2.57E-02	-0.1986	2.89E-04	-0.0867	1.16E-01	-0.0065	9.07E-01	-0.0638	2.49E-01	-0.1228	2.60E-02	NO
TMEM49	ILMN_1692754	TMEM49	81671	0.6544	8.23E-04	-0.1105	4.52E-02	-0.1060	5.48E-02	0.1048	5.76E-02	0.0276	6.17E-01	0.0235	6.71E-01	NO
TRIM33	ILMN_2351930	TRIM33	51592	0.6530	8.67E-03	-0.2009	2.45E-04	-0.1177	3.28E-02	0.1536	5.24E-03	0.0655	2.36E-01	0.0411	4.57E-01	NO
PAK2	ILMN_1712687	PAK2	5062	0.6529	7.63E-02	-0.1267	2.15E-02	-0.0219	6.93E-01	0.1886	5.83E-04	0.1621	3.19E-03	0.1580	4.07E-03	NO
RSBN1L	ILMN_1712027	RSBN1L	222194	0.6526	2.47E-04	-0.0889	1.07E-01	-0.0261	6.37E-01	0.1308	1.76E-02	0.1052	5.67E-02	0.1033	6.12E-02	NO
CD46	ILMN_2307740	CD46	4179	0.6510	5.85E-06	-0.1505	6.22E-03	-0.0514	3.53E-01	-0.0169	7.61E-01	-0.0500	3.66E-01	-0.0989	7.33E-02	NO
MKLN1	ILMN_1742578	MKLN1	4289	0.6491	2.29E-03	-0.1917	4.73E-04	-0.0092	8.67E-01	0.2215	5.07E-05	0.2013	2.39E-04	0.1794	1.08E-03	NO
ELF1	ILMN_1664010	ELF1	1997	0.6486	7.24E-03	-0.1385	1.19E-02	0.0202	7.15E-01	0.1324	1.63E-02	0.1374	1.26E-02	0.1127	4.10E-02	NO
SLC40A1	ILMN_2053103	SLC40A1	30061	0.6475	3.40E-01	-0.2151	8.38E-05	-0.1315	1.70E-02	0.1867	6.64E-04	0.0874	1.14E-01	0.0663	2.30E-01	NO

SMAD4	ILMN_1741477	SMAD4	4089	0.6470	4.70E-05	-0.1746	1.47E-03	-0.0303	5.84E-01	0.0275	6.19E-01	0.0056	9.19E-01	-0.0456	4.09E-01	NO
RNF146	ILMN_1685679	RNF146	81847	0.6435	3.59E-07	-0.1565	4.43E-03	-0.0541	3.28E-01	0.2144	8.87E-05	0.1648	2.71E-03	0.1595	3.71E-03	NO
AGTPBP1	ILMN_1718071	AGTPBP1	23287	0.6431	2.86E-10	-0.0411	4.58E-01	-0.0518	3.49E-01	0.1872	6.41E-04	0.1409	1.05E-02	0.1701	1.97E-03	NO
CCPG1	ILMN_1794190	CCPG1	9236	0.6424	1.40E-04	-0.1048	5.77E-02	-0.1380	1.23E-02	0.0431	4.36E-01	-0.0514	3.52E-01	-0.0616	2.66E-01	NO
ZBTB34	ILMN_1655206	ZBTB34	403341	0.6418	2.39E-04	-0.2360	1.52E-05	-0.0405	4.64E-01	0.2262	3.46E-05	0.1849	7.52E-04	0.1526	5.54E-03	NO
DHRS7	ILMN_1807455	DHRS7	51635	0.6388	9.19E-13	-0.0173	7.54E-01	0.0509	3.58E-01	0.0530	3.38E-01	0.0834	1.31E-01	0.0813	1.41E-01	NO
IVNS1ABP	ILMN_1717877	IVNS1ABP	10625	0.6384	7.92E-05	-0.1491	6.73E-03	-0.0643	2.45E-01	0.3778	1.33E-12	0.3110	8.23E-09	0.3417	1.93E-10	NO
UTX	ILMN_1654488	UTX	7403	0.6374	1.09E-02	-0.1606	3.48E-03	-0.0639	2.48E-01	0.1270	2.13E-02	0.0764	1.67E-01	0.0538	3.30E-01	NO
AHCTF1	ILMN_1809139	AHCTF1	25909	0.6365	1.66E-01	-0.1492	6.71E-03	-0.0560	3.11E-01	0.1191	3.08E-02	0.0743	1.79E-01	0.0531	3.37E-01	NO
USP9X	ILMN_1656165	USP9X	8239	0.6354	3.39E-14	-0.1209	2.83E-02	0.0488	3.78E-01	0.1280	2.02E-02	0.1523	5.64E-03	0.1292	1.91E-02	NO
HNRPK	ILMN_2378048	HNRPK	3190	0.6339	1.78E-04	-0.1355	1.39E-02	-0.0707	2.01E-01	0.0228	6.81E-01	-0.0257	6.42E-01	-0.0591	2.85E-01	NO
MTM1	ILMN_1686985	MTM1	4534	0.6325	1.40E-02	-0.2100	1.25E-04	-0.0452	4.14E-01	0.1388	1.18E-02	0.0999	7.04E-02	0.0601	2.77E-01	NO
KRAS	ILMN_1728071	KRAS	3845	0.6309	3.95E-01	-0.0838	1.30E-01	-0.0363	5.12E-01	0.1930	4.32E-04	0.1566	4.41E-03	0.1700	1.97E-03	NO
KIDINS220	ILMN_1679232	KIDINS220	57498	0.6294	4.85E-02	-0.1482	7.07E-03	-0.0393	4.78E-01	0.0691	2.11E-01	0.0386	4.85E-01	0.0058	9.16E-01	NO
UBE2D3	ILMN_2320850	UBE2D3	7323	0.6277	4.15E-09	-0.1390	1.16E-02	-0.1177	3.29E-02	0.0662	2.31E-01	-0.0163	7.69E-01	-0.0363	5.11E-01	NO
GNA13	ILMN_1758906	GNA13	10672	0.6259	1.17E-05	-0.0923	9.48E-02	-0.0609	2.71E-01	0.0930	9.23E-02	0.0466	4.00E-01	0.0406	4.63E-01	NO
TM6SF1	ILMN_1750961	TM6SF1	53346	0.6246	2.18E-10	-0.1259	2.24E-02	0.0374	4.99E-01	0.2201	5.65E-05	0.2310	2.32E-05	0.2257	3.60E-05	NO
WAC	ILMN_2323526	WAC	51322	0.6235	5.46E-11	-0.1237	2.48E-02	-0.1188	3.13E-02	0.0294	5.96E-01	-0.0515	3.52E-01	-0.0734	1.84E-01	NO
VNN2	ILMN_1678939	VNN2	8875	0.6231	2.07E-05	-0.0270	6.26E-01	-0.0443	4.23E-01	0.1092	4.78E-02	0.0728	1.88E-01	0.0906	1.01E-01	NO
CMTM6	ILMN_1696494	CMTM6	54918	0.6169	6.68E-01	-0.1293	1.89E-02	-0.1308	1.76E-02	0.0961	8.17E-02	0.0030	9.57E-01	-0.0062	9.11E-01	NO
PGK1	ILMN_2216852	PGK1	5230	0.6162	6.56E-13	-0.1640	2.85E-03	-0.1126	4.12E-02	0.0911	9.91E-02	0.0104	8.51E-01	-0.0141	7.99E-01	NO
RNF149	ILMN_1665877	RNF149	284996	0.6125	9.67E-01	-0.2620	1.45E-06	-0.0255	6.45E-01	0.1674	2.31E-03	0.1399	1.11E-02	0.0851	1.23E-01	NO
TANK	ILMN_1715069	TANK	10010	0.6021	3.16E-03	-0.1400	1.10E-02	-0.0355	5.21E-01	0.0975	7.73E-02	0.0677	2.21E-01	0.0428	4.39E-01	NO
OSGIN2	ILMN_1757732	OSGIN2	734	0.6019	2.41E-02	-0.0745	1.78E-01	-0.0181	7.43E-01	0.2864	1.25E-07	0.2562	2.51E-06	0.2888	9.66E-08	NO
PRDX3	ILMN_2395969	PRDX3	10935	0.5975	6.67E-05	-0.1488	6.86E-03	-0.1104	4.53E-02	0.0702	2.04E-01	-0.0077	8.89E-01	-0.0313	5.71E-01	NO
LPGAT1	ILMN_1687998	LPGAT1	9926	0.5955	7.37E-02	-0.1617	3.27E-03	0.0412	4.57E-01	0.1392	1.15E-02	0.1577	4.13E-03	0.1236	2.49E-02	NO
DDX3X	ILMN_1794392	DDX3X	1654	0.5950	5.44E-01	-0.1507	6.15E-03	-0.0921	9.52E-02	0.1476	7.31E-03	0.0770	1.64E-01	0.0655	2.36E-01	NO
C11ORF54	ILMN_2213297	C11orf54	28970	0.5948	6.00E-09	0.0309	5.77E-01	0.0300	5.87E-01	0.1448	8.52E-03	0.1556	4.67E-03	0.1909	5.00E-04	NO
SAMSN1	ILMN_1684887	SAMSN1	64092	0.5902	3.97E-06	-0.1150	3.71E-02	0.0905	1.01E-01	0.1694	2.05E-03	0.2188	6.27E-05	0.2005	2.52E-04	NO
BTN2A1	ILMN_2364852	BTN2A1	11120	0.5879	1.71E-04	-0.2386	1.22E-05	-0.1442	8.83E-03	0.2502	4.34E-06	0.1384	1.20E-02	0.1233	2.53E-02	NO
SYNJ1	ILMN_1701991	SYNJ1	8867	0.5866	8.68E-06	-0.1672	2.35E-03	0.0173	7.54E-01	-0.0010	9.85E-01	0.0106	8.49E-01	-0.0499	3.67E-01	NO
CCDC28A	ILMN_1798659	CCDC28A	25901	0.5862	3.49E-04	-0.1379	1.23E-02	0.0376	4.96E-01	0.0130	8.14E-01	0.0372	5.01E-01	-0.0129	8.15E-01	NO
WTAP	ILMN_2279339	WTAP	9589	0.5858	3.77E-11	-0.1609	3.43E-03	-0.0332	5.49E-01	0.0492	3.74E-01	0.0240	6.65E-01	-0.0179	7.46E-01	NO
ZNF217	ILMN_1755303	ZNF217	7764	0.5853	1.92E-11	-0.0459	4.07E-01	0.0370	5.03E-01	0.2051	1.80E-04	0.2167	7.43E-05	0.2362	1.49E-05	NO
PTEN	ILMN_1701134	PTEN	5728	0.5834	9.95E-15	-0.0127	8.19E-01	0.0200	7.18E-01	0.0976	7.70E-02	0.1047	5.77E-02	0.1169	3.40E-02	NO
MYLIP	ILMN_1656111	MYLIP	29116	0.5754	2.17E-04	-0.1357	1.38E-02	-0.0305	5.81E-01	0.0256	6.44E-01	0.0036	9.47E-01	-0.0345	5.33E-01	NO
BAZ1A	ILMN_1742230	BAZ1A	11177	0.5631	4.17E-09	-0.0007	9.90E-01	0.0207	7.08E-01	0.2440	7.61E-06	0.2423	8.84E-06	0.2872	1.15E-07	NO
IVNS1ABP	ILMN_2397750	IVNS1ABP	10625	0.5351	6.77E-02	-0.1178	3.27E-02	0.0117	8.33E-01	0.2442	7.48E-06	0.2364	1.47E-05	0.2420	9.07E-06	NO
RAB5A	ILMN_1805800	RAB5A	5868	0.5187	4.57E-22	-0.0642	2.45E-01	0.0274	6.20E-01	0.1783	1.16E-03	0.1852	7.36E-04	0.1944	3.91E-04	NO
OSTM1	ILMN_1720303	OSTM1	28962	0.4745	2.02E-02	-0.1274	2.08E-02	-0.0304	5.82E-01	-0.0234	6.72E-01	-0.0422	4.46E-01	-0.0871	1.15E-01	NO
DCP2	ILMN_1669905	DCP2	167227	0.4604	1.66E-24	0.0255	6.45E-01	-0.0096	8.62E-01	0.0483	3.83E-01	0.0388	4.83E-01	0.0584	2.91E-01	NO