

Table S3: Black Module

		MCI-MCI			MCI-AD			AD			ALL AD			Disease Severity		Probe has higher-than-median module membership and trait significance for disease severity?
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		
CIP29	ILMN_1680967	CIP29	84324	0.9760	7.54E-48	-0.1452	8.34E-03	-0.1345	1.47E-02	-0.1860	6.99E-04	-0.2919	6.96E-08	-0.3559	7.54E-48	YES
CCDC72	ILMN_1707783	CCDC72	51372	0.9727	8.63E-64	-0.1644	2.78E-03	-0.1805	1.01E-03	-0.1413	1.03E-02	-0.2494	4.69E-06	-0.3114	8.63E-64	YES
RPL11	ILMN_2114876	RPL11	6135	0.9722	2.09E-55	-0.1383	1.20E-02	-0.1736	1.58E-03	-0.1787	1.14E-03	-0.2805	2.31E-07	-0.3416	2.09E-55	YES
EIF3E	ILMN_1739257	EIF3E	3646	0.9672	1.56E-48	-0.1702	1.95E-03	-0.0859	1.20E-01	-0.1906	5.10E-04	-0.2774	3.18E-07	-0.3546	1.56E-48	YES
RPL11	ILMN_1672446	RPL11	6135	0.9660	1.83E-53	-0.1294	1.88E-02	-0.2032	2.06E-04	-0.1769	1.27E-03	-0.2826	1.85E-07	-0.3396	1.83E-53	YES
C14ORF156	ILMN_1661945	C14orf156	81892	0.9657	1.55E-49	-0.1744	1.49E-03	-0.1798	1.06E-03	-0.1792	1.10E-03	-0.2752	3.95E-07	-0.3501	1.55E-49	YES
GMFG	ILMN_1711617	GMFG	9535	0.9655	2.16E-56	-0.1693	2.06E-03	-0.1306	1.78E-02	-0.1674	2.32E-03	-0.2786	2.80E-07	-0.3466	2.16E-56	YES
PSMA3	ILMN_2387553	PSMA3	5684	0.9645	6.97E-52	-0.1752	1.42E-03	-0.1790	1.11E-03	-0.1809	9.78E-04	-0.2745	4.23E-07	-0.3504	6.97E-52	YES
RPL17	ILMN_1655422	RPL17	6139	0.9617	2.14E-38	-0.1390	1.16E-02	-0.1902	5.23E-04	-0.2410	9.89E-06	-0.3396	2.53E-10	-0.4130	2.14E-38	YES
BOLA2	ILMN_1810680	BOLA2	552900	0.9595	4.84E-79	-0.1592	3.79E-03	-0.1729	1.64E-03	-0.1038	6.00E-02	-0.2133	9.64E-05	-0.2664	4.84E-79	NO
THYN1	ILMN_2334042	THYN1	29087	0.9593	5.63E-66	-0.1868	6.59E-04	-0.1875	6.30E-04	-0.0787	1.54E-01	-0.1964	3.38E-04	-0.2529	5.63E-66	NO
MRPL36	ILMN_1800197	MRPL36	64979	0.9589	2.01E-77	-0.1568	4.36E-03	-0.1556	4.66E-03	-0.0975	7.73E-02	-0.2146	8.72E-05	-0.2642	2.01E-77	NO
BOLA3	ILMN_1786658	BOLA3	388962	0.9573	1.53E-53	-0.1317	1.68E-02	-0.1109	4.44E-02	-0.1780	1.19E-03	-0.2756	3.80E-07	-0.3351	1.53E-53	YES
THYN1	ILMN_2357361	THYN1	29087	0.9571	2.79E-62	-0.1558	4.62E-03	-0.1739	1.54E-03	-0.1054	5.61E-02	-0.1995	2.71E-04	-0.2547	2.79E-62	NO
SNRPB2	ILMN_1690706	SNRPB2	6629	0.9567	1.25E-37	-0.1251	2.32E-02	-0.1354	1.40E-02	-0.2353	1.61E-05	-0.3245	1.66E-09	-0.3939	1.25E-37	YES
RPS12	ILMN_1782621	RPS12	6206	0.9566	1.10E-78	-0.1500	6.42E-03	-0.1486	6.91E-03	-0.0975	7.75E-02	-0.2243	4.04E-05	-0.2697	1.10E-78	NO
RPL36AL	ILMN_2189936	RPL36AL	6166	0.9562	1.24E-64	-0.1881	6.06E-04	-0.1614	3.32E-03	-0.1286	1.96E-02	-0.2363	1.48E-05	-0.3043	1.24E-64	NO
PAX7	ILMN_1761061	PAX7	5081	0.9551	5.87E-54	-0.1946	3.85E-04	-0.2023	2.21E-04	-0.0889	1.07E-01	-0.2060	1.68E-04	-0.2672	5.87E-54	NO
ARPC3	ILMN_1655561	ARPC3	10094	0.9547	6.03E-71	-0.1456	8.18E-03	-0.1915	4.79E-04	-0.1344	1.47E-02	-0.2354	1.60E-05	-0.2910	6.03E-71	NO
LOC388532	ILMN_1656292	LOC388532	388532	0.9537	1.18E-48	-0.1234	2.52E-02	-0.1897	5.41E-04	-0.1867	6.64E-04	-0.2913	7.44E-08	-0.3482	1.18E-48	YES
COPS4	ILMN_1726755	COPS4	51138	0.9528	3.89E-50	-0.1508	6.14E-03	-0.1770	1.27E-03	-0.1854	7.25E-04	-0.2793	2.61E-07	-0.3475	3.89E-50	YES
MRPS23	ILMN_1687359	MRPS23	51649	0.9507	1.15E-68	-0.1612	3.36E-03	-0.1802	1.03E-03	-0.0980	7.58E-02	-0.2025	2.18E-04	-0.2562	1.15E-68	NO
RPS24	ILMN_1656625	RPS24	6229	0.9496	8.84E-47	-0.1520	5.74E-03	-0.2062	1.65E-04	-0.2069	1.57E-04	-0.2917	7.10E-08	-0.3660	8.84E-47	YES
ATP5J2	ILMN_2307883	ATP5J2	9551	0.9488	1.27E-58	-0.1644	2.78E-03	-0.1957	3.56E-04	-0.0986	7.42E-02	-0.2025	2.18E-04	-0.2575	1.27E-58	NO
RPL7	ILMN_1815292	RPL7	6129	0.9485	1.24E-78	-0.1560	4.56E-03	-0.1892	5.62E-04	-0.0876	1.13E-01	-0.2103	1.21E-04	-0.2568	1.24E-78	NO
C14ORF2	ILMN_1652722	C14orf2	9556	0.9479	3.16E-31	-0.1308	1.76E-02	-0.1791	1.11E-03	-0.2585	2.02E-06	-0.3578	2.27E-11	-0.4314	3.16E-31	YES
LOC440737	ILMN_1683447	LOC440737	440737	0.9479	3.05E-53	-0.1207	2.86E-02	-0.0903	1.02E-01	-0.1872	6.43E-04	-0.2862	1.27E-07	-0.3433	3.05E-53	YES
LOC646483	ILMN_1673738	LOC646483	646483	0.9473	6.09E-71	-0.1526	5.56E-03	-0.0821	1.37E-01	-0.1179	3.25E-02	-0.2234	4.34E-05	-0.2776	6.09E-71	NO
PLRG1	ILMN_1749634	PLRG1	5356	0.9469	6.14E-65	-0.1590	3.83E-03	-0.1588	3.88E-03	-0.1191	3.08E-02	-0.2331	1.94E-05	-0.2881	6.14E-65	NO
LOC654194	ILMN_1755808	LOC654194	654194	0.9460	1.73E-46	-0.1062	5.43E-02	-0.1785	1.15E-03	-0.2191	6.15E-05	-0.3145	5.53E-09	-0.3731	1.73E-46	YES
CLC	ILMN_1654875	CLC	1178	0.9459	1.91E-80	-0.1616	3.28E-03	-0.1091	4.80E-02	-0.0930	9.22E-02	-0.2166	7.49E-05	-0.2658	1.91E-80	NO
RPAIN	ILMN_1770339	RPAIN	84268	0.9454	2.76E-52	-0.1702	1.95E-03	-0.1858	7.08E-04	-0.1439	8.96E-03	-0.2407	1.01E-05	-0.3074	2.76E-52	YES
MYL6	ILMN_1809013	MYL6	4637	0.9445	1.37E-68	-0.1950	3.75E-04	-0.1923	4.54E-04	-0.1046	5.81E-02	-0.2218	4.93E-05	-0.2860	1.37E-68	NO
TIMM23	ILMN_1664231	TIMM23	10431	0.9438	7.55E-42	-0.1738	1.56E-03	-0.1482	7.08E-03	-0.2183	6.52E-05	-0.3120	7.35E-09	-0.3943	7.55E-42	YES
POLR1E	ILMN_2110167	POLR1E	64425	0.9432	2.39E-37	-0.1217	2.72E-02	-0.1205	2.89E-02	-0.2650	1.09E-06	-0.3451	1.24E-10	-0.4205	2.39E-37	YES
CCDC34	ILMN_1657547	CCDC34	91057	0.9429	2.11E-66	-0.1617	3.28E-03	-0.0959	8.23E-02	-0.0956	8.35E-02	-0.2017	2.31E-04	-0.2548	2.11E-66	NO
PDCD10	ILMN_1766024	PDCD10	11235	0.9426	1.14E-55	-0.1538	5.17E-03	-0.1738	1.56E-03	-0.1195	3.03E-02	-0.2268	3.29E-05	-0.2813	1.14E-55	NO
RPL26	ILMN_1731546	RPL26	6154	0.9426	1.04E-43	-0.1199	2.96E-02	-0.1901	5.27E-04	-0.2002	2.58E-04	-0.2862	1.27E-07	-0.3480	1.04E-43	YES
RPF2	ILMN_1664167	RPF2	84154	0.9421	7.82E-53	-0.1106	4.50E-02	-0.1558	4.62E-03	-0.1843	7.81E-04	-0.2666	9.26E-07	-0.3229	7.82E-53	YES
PSMA6	ILMN_1704094	PSMA6	5687	0.9419	2.42E-44	-0.1549	4.87E-03	-0.1943	3.92E-04	-0.1935	4.15E-04	-0.2841	1.59E-07	-0.3558	2.42E-44	YES
LOC285900	ILMN_1657612	LOC285900	285900	0.9418	6.15E-44	-0.1476	7.30E-03	-0.1840	7.98E-04	-0.1986	2.88E-04	-0.2911	7.58E-08	-0.3609	6.15E-44	YES
RPL17	ILMN_1658283	RPL17	6139	0.9417	1.56E-74	-0.1824	8.89E-04	-0.1337	1.53E-02	-0.1042	5.90E-02	-0.2179	6.74E-05	-0.2783	1.56E-74	NO

C20ORF52	ILMN_1801633	C20orf52	140823	0.9412	1.55E-53	-0.1589	3.85E-03	-0.1579	4.08E-03	-0.1286	1.96E-02	-0.2199	5.76E-05	-0.2810	1.55E-53	NO
LYRM2	ILMN_1703132	LYRM2	57226	0.9400	1.03E-66	-0.1536	5.23E-03	-0.1412	1.03E-02	-0.1221	2.67E-02	-0.2216	5.04E-05	-0.2780	1.03E-66	NO
ERH	ILMN_1781795	ERH	2079	0.9400	2.12E-65	-0.1545	4.98E-03	-0.1741	1.52E-03	-0.1441	8.86E-03	-0.2529	3.39E-06	-0.3119	2.12E-65	YES
GPN1	ILMN_1772719	GPN1	11321	0.9386	6.74E-62	-0.1815	9.44E-04	-0.1778	1.20E-03	-0.1015	6.60E-02	-0.2002	2.57E-04	-0.2627	6.74E-62	NO
BOLA2	ILMN_1659343	BOLA2	552900	0.9382	5.73E-43	-0.1439	8.95E-03	-0.1808	9.89E-04	-0.1696	2.02E-03	-0.2470	5.80E-06	-0.3131	5.73E-43	YES
LOC647340	ILMN_1685774	LOC647340	647340	0.9372	6.53E-65	-0.1530	5.43E-03	-0.1486	6.94E-03	-0.1369	1.30E-02	-0.2569	2.34E-06	-0.3119	6.53E-65	YES
MRPS22	ILMN_1655377	MRPS22	56945	0.9372	2.98E-43	-0.1540	5.13E-03	-0.1222	2.67E-02	-0.2158	7.92E-05	-0.3056	1.54E-08	-0.3813	2.98E-43	YES
TMCO1	ILMN_1793829	TMCO1	54499	0.9370	9.77E-67	-0.1649	2.69E-03	-0.1284	1.99E-02	-0.0933	9.10E-02	-0.1975	3.13E-04	-0.2517	9.77E-67	NO
BTF3	ILMN_1659762	BTF3	689	0.9370	2.18E-43	-0.1231	2.56E-02	-0.1445	8.68E-03	-0.2335	1.88E-05	-0.3246	1.65E-09	-0.3926	2.18E-43	YES
RPL35A	ILMN_1756360	RPL35A	6165	0.9369	1.84E-54	-0.1469	7.60E-03	-0.1861	6.95E-04	-0.1536	5.24E-03	-0.2379	1.29E-05	-0.3007	1.84E-54	NO
SOD1	ILMN_1662438	SOD1	6647	0.9369	6.24E-66	-0.2148	8.58E-05	-0.1435	9.17E-03	-0.1002	6.94E-02	-0.2016	2.32E-04	-0.2749	6.24E-66	NO
RPS17	ILMN_2207539	RPS17	6218	0.9363	8.02E-53	-0.1514	5.94E-03	-0.1735	1.59E-03	-0.1614	3.34E-03	-0.2680	8.12E-07	-0.3295	8.02E-53	YES
ATP5H	ILMN_1666372	ATP5H	10476	0.9361	1.06E-48	-0.1636	2.93E-03	-0.0958	8.26E-02	-0.1507	6.18E-03	-0.2589	1.94E-06	-0.3224	1.06E-48	YES
BOLA2	ILMN_1782633	BOLA2	552900	0.9359	4.46E-54	-0.1214	2.77E-02	-0.1546	4.94E-03	-0.1741	1.53E-03	-0.2638	1.22E-06	-0.3205	4.46E-54	YES
RPL21	ILMN_2290808	RPL21	6144	0.9357	3.83E-26	-0.1073	5.18E-02	-0.1732	1.61E-03	-0.3093	1.01E-08	-0.3793	1.07E-12	-0.4598	3.83E-26	YES
PRDX1	ILMN_2366388	PRDX1	5052	0.9352	1.09E-50	-0.1622	3.18E-03	-0.1284	1.98E-02	-0.2120	1.07E-04	-0.3047	1.69E-08	-0.3820	1.09E-50	YES
NDUFB3	ILMN_2119937	NDUFB3	4709	0.9351	5.58E-57	-0.1405	1.07E-02	-0.1333	1.55E-02	-0.1659	2.54E-03	-0.2767	3.41E-07	-0.3345	5.58E-57	YES
NDUFB6	ILMN_2369924	NDUFB6	4712	0.9350	2.26E-37	-0.1340	1.50E-02	-0.1288	1.95E-02	-0.1805	1.01E-03	-0.2666	9.30E-07	-0.3296	2.26E-37	YES
MRPS18C	ILMN_1658416	MRPS18C	51023	0.9348	5.69E-79	-0.1856	7.15E-04	-0.1835	8.25E-04	-0.0607	2.72E-01	-0.1902	5.24E-04	-0.2406	5.69E-79	NO
MAGOH	ILMN_2215656	MAGOH	4116	0.9347	1.13E-38	-0.1222	2.66E-02	-0.1592	3.80E-03	-0.2325	2.06E-05	-0.3116	7.67E-09	-0.3814	1.13E-38	YES
CCDC56	ILMN_2064898	CCDC56	28958	0.9342	4.52E-88	-0.1720	1.74E-03	-0.1579	4.10E-03	-0.0746	1.77E-01	-0.1813	9.52E-04	-0.2341	4.52E-88	NO
ATP5H	ILMN_1794912	ATP5H	10476	0.9340	9.12E-51	-0.1563	4.47E-03	-0.1602	3.56E-03	-0.1946	3.86E-04	-0.2976	3.74E-08	-0.3677	9.12E-51	YES
RPS27L	ILMN_1712678	RPS27L	51065	0.9323	2.79E-41	-0.1514	5.92E-03	-0.0824	1.36E-01	-0.1229	2.58E-02	-0.2561	2.52E-06	-0.3054	2.79E-41	NO
HMGB2	ILMN_2219712	HMGB2	3148	0.9312	1.40E-50	-0.1853	7.31E-04	-0.1214	2.76E-02	-0.1522	5.68E-03	-0.2523	3.60E-06	-0.3251	1.40E-50	YES
MRPS17	ILMN_1804851	MRPS17	51373	0.9310	3.73E-38	-0.1262	2.20E-02	-0.1285	1.97E-02	-0.2248	3.89E-05	-0.3176	3.81E-09	-0.3847	3.73E-38	YES
METAP2	ILMN_1670420	METAP2	10988	0.9288	3.31E-49	-0.1822	9.01E-04	-0.1784	1.16E-03	-0.1604	3.54E-03	-0.2552	2.75E-06	-0.3295	3.31E-49	YES
RPL36AL	ILMN_2189933	RPL36AL	6166	0.9284	5.52E-74	-0.1860	6.99E-04	-0.1664	2.46E-03	-0.1457	8.11E-03	-0.2351	1.64E-05	-0.3091	5.52E-74	YES
TIMM23	ILMN_1679555	TIMM23	10431	0.9281	5.47E-56	-0.1856	7.16E-04	-0.1345	1.46E-02	-0.1374	1.26E-02	-0.2718	5.57E-07	-0.3354	5.47E-56	YES
EEF1B2	ILMN_2318725	EEF1B2	1933	0.9280	2.21E-30	-0.1378	1.23E-02	-0.1696	2.02E-03	-0.2121	1.06E-04	-0.3042	1.80E-08	-0.3731	2.21E-30	YES
LOC642210	ILMN_1715926	LOC642210	642210	0.9276	1.04E-44	-0.0726	1.89E-01	-0.1808	9.85E-04	-0.1774	1.24E-03	-0.2668	9.13E-07	-0.3072	1.04E-44	YES
SNRPB2	ILMN_1771620	SNRPB2	6629	0.9266	9.88E-47	-0.1612	3.37E-03	-0.1477	7.29E-03	-0.1393	1.15E-02	-0.2371	1.39E-05	-0.2997	9.88E-47	NO
RPL5	ILMN_2087080	RPL5	6125	0.9265	1.12E-61	-0.2202	5.61E-05	-0.1448	8.55E-03	-0.0212	7.02E-01	-0.1601	3.59E-03	-0.2135	1.12E-61	NO
ZNHIT3	ILMN_1812478	ZNHIT3	9326	0.9258	1.10E-31	-0.1309	1.75E-02	-0.1286	1.96E-02	-0.2895	8.99E-08	-0.3681	5.42E-12	-0.4515	1.10E-31	YES
LARP7	ILMN_2392717	LARP7	51574	0.9252	2.22E-44	-0.1038	6.01E-02	-0.0887	1.08E-01	-0.1842	7.86E-04	-0.2907	7.90E-08	-0.3399	2.22E-44	YES
MYL6	ILMN_2326071	MYL6	4637	0.9251	9.21E-32	-0.1365	1.32E-02	-0.2109	1.16E-04	-0.2209	5.31E-05	-0.3193	3.10E-09	-0.3882	9.21E-32	YES
ATP5C1	ILMN_1701269	ATP5C1	509	0.9246	4.27E-53	-0.0816	1.40E-01	-0.1656	2.59E-03	-0.1889	5.73E-04	-0.2756	3.82E-07	-0.3218	4.27E-53	YES
TBCA	ILMN_1726239	TBCA	6902	0.9242	2.50E-74	-0.1471	7.51E-03	-0.1373	1.27E-02	-0.0934	9.06E-02	-0.2058	1.70E-04	-0.2523	2.50E-74	NO
MRPL46	ILMN_1722838	MRPL46	26589	0.9241	1.27E-45	-0.1726	1.68E-03	-0.1832	8.42E-04	-0.2209	5.32E-05	-0.3179	3.67E-09	-0.3996	1.27E-45	YES
BOLA3	ILMN_2343010	BOLA3	388962	0.9240	1.05E-72	-0.1352	1.41E-02	-0.1263	2.19E-02	-0.1140	3.87E-02	-0.2368	1.42E-05	-0.2809	1.05E-72	NO
RTN2	ILMN_1685357	RTN2	6253	0.9233	6.19E-38	-0.1429	9.47E-03	-0.1723	1.71E-03	-0.1654	2.61E-03	-0.2537	3.15E-06	-0.3166	6.19E-38	YES
RPL12	ILMN_2116366	RPL12	6136	0.9231	3.07E-28	-0.1348	1.44E-02	-0.1788	1.13E-03	-0.2953	4.79E-08	-0.3783	1.24E-12	-0.4632	3.07E-28	YES
CD3D	ILMN_2261416	CD3D	915	0.9215	6.21E-70	-0.2008	2.46E-04	-0.1181	3.23E-02	-0.0479	3.86E-01	-0.1654	2.61E-03	-0.2211	6.21E-70	NO
TINP1	ILMN_2103295	TINP1	10412	0.9215	7.05E-65	-0.1665	2.45E-03	-0.1513	5.97E-03	-0.1585	3.95E-03	-0.2501	4.37E-06	-0.3193	7.05E-65	YES
TRAPPC4	ILMN_1814650	TRAPPC4	51399	0.9212	7.97E-78	-0.1864	6.81E-04	-0.1368	1.30E-02	-0.1199	2.97E-02	-0.2136	9.46E-05	-0.2821	7.97E-78	NO
NDUFB6	ILMN_1763147	NDUFB6	4712	0.9211	1.05E-38	-0.1390	1.16E-02	-0.1522	5.66E-03	-0.1789	1.12E-03	-0.2698	6.77E-07	-0.3333	1.05E-38	YES
SLU7	ILMN_1685369	SLU7	10569	0.9209	5.47E-58	-0.1595	3.73E-03	-0.1483	7.06E-03	-0.1395	1.13E-02	-0.2201	5.66E-05	-0.2855	5.47E-58	NO

PSMA4	ILMN_1682098	PSMA4	5685	0.9205	1.87E-44	-0.1463	7.86E-03	-0.1742	1.52E-03	-0.1398	1.12E-02	-0.2450	6.95E-06	-0.3010	1.87E-44	YES
CISD1	ILMN_2122952	CISD1	55847	0.9204	7.34E-86	-0.1933	4.22E-04	-0.1220	2.70E-02	-0.0397	4.73E-01	-0.1559	4.60E-03	-0.2077	7.34E-86	NO
NGDN	ILMN_1690049	NGDN	25983	0.9197	9.08E-66	-0.1445	8.66E-03	-0.1483	7.05E-03	-0.1549	4.86E-03	-0.2663	9.56E-07	-0.3233	9.08E-66	YES
EXOSC1	ILMN_1677483	EXOSC1	51013	0.9194	9.18E-61	-0.1374	1.26E-02	-0.1513	5.96E-03	-0.1825	8.81E-04	-0.2910	7.69E-08	-0.3512	9.18E-61	YES
NAT5	ILMN_1689097	NAT5	51126	0.9183	2.45E-77	-0.2109	1.16E-04	-0.1011	6.71E-02	-0.0807	1.44E-01	-0.2003	2.55E-04	-0.2652	2.45E-77	NO
MRPS21	ILMN_1655765	MRPS21	54460	0.9181	2.58E-45	-0.1152	3.67E-02	-0.1253	2.30E-02	-0.1253	2.30E-02	-0.2292	2.71E-05	-0.2720	2.58E-45	NO
MRPL35	ILMN_2341952	MRPL35	51318	0.9179	7.62E-50	-0.0904	1.02E-01	-0.1955	3.62E-04	-0.1897	5.41E-04	-0.2840	1.61E-07	-0.3319	7.62E-50	YES
DCTN6	ILMN_1744059	DCTN6	10671	0.9178	3.62E-86	-0.2149	8.50E-05	-0.1698	2.00E-03	0.0027	9.61E-01	-0.1329	1.59E-02	-0.1807	3.62E-86	NO
ISY1	ILMN_1662128	ISY1	57461	0.9176	1.71E-52	-0.1510	6.08E-03	-0.0637	2.50E-01	-0.1987	2.87E-04	-0.2974	3.81E-08	-0.3672	1.71E-52	YES
MTIF3	ILMN_1718271	MTIF3	219402	0.9169	1.15E-56	-0.1530	5.42E-03	-0.1596	3.70E-03	-0.0679	2.19E-01	-0.1859	7.04E-04	-0.2286	1.15E-56	NO
COX5B	ILMN_1663512	COX5B	1329	0.9168	8.30E-65	-0.1982	2.97E-04	-0.1593	3.78E-03	-0.0701	2.05E-01	-0.1937	4.09E-04	-0.2514	8.30E-65	NO
TOMM7	ILMN_1674069	TOMM7	54543	0.9166	4.01E-107	-0.1851	7.39E-04	-0.1162	3.51E-02	-0.0422	4.46E-01	-0.1617	3.28E-03	-0.2105	4.01E-107	NO
ENY2	ILMN_2166865	ENY2	56943	0.9157	5.03E-34	-0.0668	2.27E-01	-0.1182	3.21E-02	-0.2385	1.23E-05	-0.3408	2.17E-10	-0.3880	5.03E-34	YES
SELK	ILMN_2134110	SELK	58515	0.9152	2.85E-86	-0.1781	1.18E-03	-0.1328	1.59E-02	-0.0512	3.55E-01	-0.1628	3.06E-03	-0.2124	2.85E-86	NO
HIST1H2BJ	ILMN_1658702	HIST1H2BJ	8970	0.9148	4.03E-51	-0.1885	5.87E-04	-0.1194	3.03E-02	-0.1609	3.44E-03	-0.2694	7.05E-07	-0.3433	4.03E-51	YES
PFDN5	ILMN_2356284	PFDN5	5204	0.9143	7.58E-64	-0.1508	6.14E-03	-0.1765	1.31E-03	-0.1919	4.65E-04	-0.2944	5.34E-08	-0.3621	7.58E-64	NO
UQCRQ	ILMN_1666471	UQCRQ	27089	0.9139	4.07E-72	-0.1906	5.08E-04	-0.1278	2.04E-02	-0.0557	3.14E-01	-0.1526	5.54E-03	-0.2102	4.07E-72	YES
AK2	ILMN_1716053	AK2	204	0.9131	9.10E-42	-0.1388	1.17E-02	-0.1509	6.09E-03	-0.1389	1.17E-02	-0.2430	8.27E-06	-0.2965	9.10E-42	NO
UFC1	ILMN_2110281	UFC1	51506	0.9121	6.43E-38	-0.1518	5.79E-03	-0.1785	1.15E-03	-0.2243	4.04E-05	-0.3014	2.46E-08	-0.3803	6.43E-38	YES
PRICKLE4	ILMN_1695868	PRICKLE4	29964	0.9111	5.68E-50	-0.1523	5.65E-03	-0.1587	3.91E-03	-0.1704	1.92E-03	-0.2820	1.97E-07	-0.3445	5.68E-50	YES
NDUFB3	ILMN_2119945	NDUFB3	4709	0.9111	3.05E-36	-0.0809	1.43E-01	-0.1500	6.43E-03	-0.1878	6.18E-04	-0.2827	1.84E-07	-0.3269	3.05E-36	YES
RPL24	ILMN_2160388	RPL24	6152	0.9097	3.86E-37	-0.1595	3.72E-03	-0.0923	9.46E-02	-0.1820	9.11E-04	-0.2557	2.61E-06	-0.3303	3.86E-37	YES
PSMC6	ILMN_1655316	PSMC6	5706	0.9091	2.91E-36	-0.1113	4.37E-02	-0.1194	3.04E-02	-0.2491	4.82E-06	-0.3597	1.74E-11	-0.4226	2.91E-36	YES
RPS17	ILMN_2207533	RPS17	6218	0.9088	1.25E-96	-0.1789	1.12E-03	-0.1712	1.83E-03	-0.0340	5.39E-01	-0.1452	8.33E-03	-0.1920	1.25E-96	NO
ZNF136	ILMN_1689528	ZNF136	7695	0.9084	4.51E-46	-0.1273	2.09E-02	-0.1838	8.11E-04	-0.1820	9.14E-04	-0.2853	1.40E-07	-0.3429	4.51E-46	YES
ZMAT2	ILMN_1745343	ZMAT2	153527	0.9081	4.07E-34	-0.1130	4.04E-02	-0.1648	2.71E-03	-0.2573	2.25E-06	-0.3408	2.16E-10	-0.4112	4.07E-34	YES
UBL5	ILMN_2340065	UBL5	59286	0.9074	4.97E-65	-0.1654	2.61E-03	-0.0470	3.95E-01	-0.1250	2.34E-02	-0.2140	9.13E-05	-0.2771	4.97E-65	NO
DBI	ILMN_2305544	DBI	1622	0.9066	9.11E-39	-0.1815	9.44E-04	-0.1159	3.57E-02	-0.1316	1.69E-02	-0.2559	2.57E-06	-0.3190	9.11E-39	YES
C13ORF27	ILMN_1682774	C13orf27	93081	0.9062	1.34E-59	-0.1444	8.73E-03	-0.1163	3.49E-02	-0.0994	7.18E-02	-0.2149	8.50E-05	-0.2609	1.34E-59	NO
LOC653377	ILMN_1772207	LOC653377	653377	0.9060	2.25E-102	-0.1766	1.30E-03	-0.1832	8.43E-04	-0.0600	2.78E-01	-0.1748	1.46E-03	-0.2248	2.25E-102	NO
COX7A2	ILMN_1701293	COX7A2	1347	0.9060	2.11E-32	-0.1260	2.23E-02	-0.1822	8.99E-04	-0.1840	7.96E-04	-0.2961	4.40E-08	-0.3519	2.11E-32	YES
C16ORF61	ILMN_1783333	C16orf61	56942	0.9052	3.39E-106	-0.2162	7.72E-05	-0.1031	6.17E-02	-0.0265	6.32E-01	-0.1507	6.17E-03	-0.2065	3.39E-106	NO
RPS27A	ILMN_1755883	RPS27A	6233	0.9047	1.08E-48	-0.1728	1.65E-03	-0.1858	7.06E-04	-0.1730	1.63E-03	-0.2819	2.00E-07	-0.3526	1.08E-48	YES
ATP5O	ILMN_1791332	ATP5O	539	0.9038	4.86E-33	-0.1245	2.40E-02	-0.1485	6.97E-03	-0.2413	9.65E-06	-0.3279	1.10E-09	-0.3986	4.86E-33	YES
BATF	ILMN_1668822	BATF	10538	0.9035	7.45E-31	-0.1456	8.17E-03	-0.1477	7.30E-03	-0.1695	2.04E-03	-0.2700	6.65E-07	-0.3322	7.45E-31	YES
MRPL33	ILMN_1726417	MRPL33	9553	0.9024	9.06E-48	-0.1228	2.60E-02	-0.1466	7.74E-03	-0.1992	2.78E-04	-0.2886	9.85E-08	-0.3505	9.06E-48	YES
ENSA	ILMN_2364700	ENSA	2029	0.9023	3.81E-32	-0.1284	1.98E-02	-0.1537	5.20E-03	-0.1482	7.09E-03	-0.2444	7.31E-06	-0.2976	3.81E-32	NO
ATP6V1G1	ILMN_1784523	ATP6V1G1	9550	0.9016	3.20E-24	-0.0892	1.06E-01	-0.1364	1.33E-02	-0.3111	8.21E-09	-0.3816	7.58E-13	-0.4561	3.20E-24	YES
LOC644863	ILMN_1701696	LOC644863	644863	0.9007	1.29E-49	-0.1088	4.86E-02	-0.1467	7.71E-03	-0.1220	2.69E-02	-0.2331	1.95E-05	-0.2717	1.29E-49	NO
LOC646200	ILMN_1732328	LOC646200	646200	0.9006	7.72E-73	-0.1796	1.07E-03	-0.1501	6.38E-03	-0.0662	2.31E-01	-0.1874	6.34E-04	-0.2384	7.72E-73	NO
ATP5EP2	ILMN_2225887	ATP5EP2	432369	0.8993	1.52E-34	-0.0885	1.09E-01	-0.1827	8.68E-04	-0.2156	8.09E-05	-0.2930	6.19E-08	-0.3483	1.52E-34	YES
PFDN5	ILMN_1755536	PFDN5	5204	0.8992	4.30E-64	-0.1315	1.70E-02	-0.1655	2.61E-03	-0.1651	2.67E-03	-0.2582	2.07E-06	-0.3161	4.30E-64	YES
RPL17	ILMN_2383097	RPL17	6139	0.8990	1.69E-23	-0.1522	5.66E-03	-0.0721	1.92E-01	-0.2556	2.64E-06	-0.3376	3.25E-10	-0.4215	1.69E-23	YES
ATP5I	ILMN_1772506	ATP5I	521	0.8987	5.09E-39	-0.1771	1.26E-03	-0.1610	3.41E-03	-0.1174	3.33E-02	-0.2392	1.16E-05	-0.2986	5.09E-39	NO
NDUFA4	ILMN_1751258	NDUFA4	4697	0.8981	2.14E-72	-0.1213	2.78E-02	-0.1806	9.98E-04	-0.1656	2.59E-03	-0.2628	1.34E-06	-0.3165	2.14E-72	YES
DNAJA1	ILMN_1672496	DNAJA1	3301	0.8977	7.56E-27	-0.1476	7.33E-03	-0.1541	5.10E-03	-0.1469	7.60E-03	-0.2638	1.22E-06	-0.3194	7.56E-27	YES

TMSB10	ILMN_1812392	TMSB10	9168	0.8975	1.39E-54	-0.1351	1.42E-02	-0.1999	2.63E-04	-0.1517	5.83E-03	-0.2395	1.13E-05	-0.2972	1.39E-54	NO
RPS20	ILMN_1701596	RPS20	6224	0.8972	2.24E-73	-0.2051	1.80E-04	-0.1715	1.80E-03	-0.0314	5.71E-01	-0.1485	6.99E-03	-0.2027	2.24E-73	YES
RWDD1	ILMN_2316806	RWDD1	51389	0.8972	1.74E-55	-0.1264	2.18E-02	-0.1014	6.63E-02	-0.1883	5.98E-04	-0.2755	3.83E-07	-0.3371	1.74E-55	NO
COX6C	ILMN_1654151	COX6C	1345	0.8964	1.17E-32	-0.1433	9.24E-03	-0.1457	8.11E-03	-0.1348	1.44E-02	-0.2312	2.29E-05	-0.2870	1.17E-32	YES
GEMIN6	ILMN_1707484	GEMIN6	79833	0.8960	1.49E-43	-0.1879	6.14E-04	-0.1413	1.03E-02	-0.1542	5.06E-03	-0.2441	7.52E-06	-0.3202	1.49E-43	NO
TMEM4	ILMN_2123402	TMEM4	10330	0.8950	9.59E-47	-0.1684	2.18E-03	-0.2036	2.01E-04	-0.1340	1.50E-02	-0.2230	4.47E-05	-0.2888	9.59E-47	NO
AIF1	ILMN_1792473	AIF1	199	0.8949	9.31E-36	-0.1007	6.81E-02	-0.1311	1.74E-02	-0.2448	7.04E-06	-0.3249	1.59E-09	-0.3893	9.31E-36	YES
COX6A1	ILMN_1783636	COX6A1	1337	0.8944	7.44E-39	-0.1663	2.47E-03	-0.1647	2.74E-03	-0.1919	4.66E-04	-0.2860	1.31E-07	-0.3607	7.44E-39	YES
SRP19	ILMN_2192032	SRP19	6728	0.8938	4.42E-25	-0.1718	1.76E-03	-0.1727	1.66E-03	-0.2144	8.89E-05	-0.2969	4.06E-08	-0.3799	4.42E-25	YES
LOC653505	ILMN_1776260	LOC653505	653505	0.8937	4.50E-80	-0.1959	3.50E-04	-0.1470	7.58E-03	-0.0713	1.97E-01	-0.1796	1.07E-03	-0.2397	4.50E-80	NO
PTRH2	ILMN_2311548	PTRH2	51651	0.8934	8.78E-85	-0.1762	1.33E-03	-0.1699	1.99E-03	-0.0730	1.86E-01	-0.1880	6.09E-04	-0.2403	8.78E-85	NO
CWC15	ILMN_1713482	CWC15	51503	0.8933	3.04E-98	-0.1375	1.25E-02	-0.1727	1.66E-03	-0.0819	1.38E-01	-0.1904	5.14E-04	-0.2322	3.04E-98	NO
TOMM7	ILMN_2087060	TOMM7	54543	0.8933	4.38E-61	-0.1447	8.59E-03	-0.1540	5.13E-03	-0.1557	4.66E-03	-0.2464	6.10E-06	-0.3076	4.38E-61	YES
TXN	ILMN_1680314	TXN	7295	0.8922	1.74E-34	-0.0988	7.36E-02	-0.1673	2.34E-03	-0.2167	7.43E-05	-0.2916	7.19E-08	-0.3512	1.74E-34	YES
MRPL24	ILMN_1695576	MRPL24	79590	0.8912	2.54E-44	-0.1603	3.56E-03	-0.1357	1.37E-02	-0.0300	5.87E-01	-0.1483	7.04E-03	-0.1865	2.54E-44	NO
EMG1	ILMN_1797074	EMG1	10436	0.8908	1.58E-62	-0.1094	4.75E-02	-0.1546	4.95E-03	-0.1494	6.63E-03	-0.2298	2.57E-05	-0.2796	1.58E-62	NO
EEF1D	ILMN_1782543	EEF1D	1936	0.8906	1.21E-34	-0.1102	4.58E-02	-0.1414	1.02E-02	-0.1072	5.20E-02	-0.2146	8.72E-05	-0.2517	1.21E-34	NO
LOC650518	ILMN_1675852	LOC650518	650518	0.8902	3.22E-20	-0.1243	2.41E-02	-0.1457	8.11E-03	-0.2928	6.28E-08	-0.3866	3.61E-13	-0.4654	3.22E-20	YES
ALG13	ILMN_1761456	ALG13	79868	0.8901	8.82E-37	-0.1369	1.29E-02	-0.1776	1.21E-03	-0.1446	8.61E-03	-0.2407	1.01E-05	-0.2962	8.82E-37	NO
C14ORF112	ILMN_1706305	C14orf112	51241	0.8896	3.04E-72	-0.1881	6.06E-04	-0.1485	6.97E-03	-0.0862	1.19E-01	-0.1786	1.14E-03	-0.2418	3.04E-72	NO
TAF12	ILMN_1653367	TAF12	6883	0.8885	2.40E-31	-0.1072	5.20E-02	-0.2005	2.53E-04	-0.2199	5.75E-05	-0.2960	4.45E-08	-0.3589	2.40E-31	YES
CETN2	ILMN_1695645	CETN2	1069	0.8875	3.31E-33	-0.0883	1.10E-01	-0.1554	4.71E-03	-0.2030	2.09E-04	-0.2755	3.82E-07	-0.3295	3.31E-33	YES
DPM1	ILMN_1658992	DPM1	8813	0.8855	2.17E-29	-0.1162	3.52E-02	-0.1750	1.44E-03	-0.2239	4.15E-05	-0.3248	1.62E-09	-0.3867	2.17E-29	YES
DPM1	ILMN_2105308	DPM1	8813	0.8851	7.28E-32	-0.1313	1.72E-02	-0.1365	1.32E-02	-0.2061	1.66E-04	-0.3196	3.01E-09	-0.3810	7.28E-32	YES
KLRB1	ILMN_2079655	KLRB1	3820	0.8849	6.66E-56	-0.1307	1.77E-02	-0.1622	3.17E-03	-0.0480	3.85E-01	-0.1529	5.46E-03	-0.1867	6.66E-56	NO
C9ORF46	ILMN_1709043	C9orf46	55848	0.8839	8.48E-44	-0.2108	1.17E-04	-0.1177	3.28E-02	-0.0610	2.70E-01	-0.1729	1.64E-03	-0.2356	8.48E-44	NO
UQCRH	ILMN_2232936	UQCRH	7388	0.8834	3.30E-33	-0.1419	9.98E-03	-0.1886	5.86E-04	-0.1896	5.47E-04	-0.2823	1.92E-07	-0.3484	3.30E-33	YES
MRPL21	ILMN_2348050	MRPL21	219927	0.8828	9.83E-51	-0.1288	1.94E-02	-0.1619	3.23E-03	-0.1839	8.06E-04	-0.2524	3.57E-06	-0.3176	9.83E-51	YES
PSMA6	ILMN_2151818	PSMA6	5687	0.8823	9.04E-74	-0.1551	4.81E-03	-0.1508	6.12E-03	-0.0581	2.94E-01	-0.1696	2.02E-03	-0.2125	9.04E-74	NO
SRP14P1	ILMN_2211950	SRP14P1	390284	0.8811	4.45E-20	-0.1062	5.43E-02	-0.1747	1.47E-03	-0.2941	5.46E-08	-0.3597	1.73E-11	-0.4379	4.45E-20	YES
RBX1	ILMN_1666670	RBX1	9978	0.8807	1.29E-43	-0.2188	6.27E-05	-0.2326		-0.1310	1.75E-02	-0.2230	4.48E-05	-0.3052	1.29E-43	NO
SEC61G	ILMN_1787026	SEC61G	23480	0.8801	6.87E-39	-0.1267	2.15E-02	-0.1399	1.10E-02	-0.1242	2.43E-02	-0.2476	5.48E-06	-0.2905	6.87E-39	NO
UCHL3	ILMN_1660111	UCHL3	7347	0.8790	1.58E-59	-0.1869	6.55E-04	-0.1610	3.40E-03	-0.0699	2.06E-01	-0.2007	2.49E-04	-0.2530	1.58E-59	NO
TCEAL8	ILMN_1656399	TCEAL8	90843	0.8779	1.08E-67	-0.1764	1.31E-03	-0.1472	7.48E-03	-0.1594	3.75E-03	-0.2496	4.59E-06	-0.3226	1.08E-67	NO
MRPL33	ILMN_1706326	MRPL33	9553	0.8777	4.16E-45	-0.1672	2.34E-03	-0.1689	2.11E-03	-0.1636	2.92E-03	-0.2372	1.37E-05	-0.3110	4.16E-45	NO
KIAA1160	ILMN_1785857	KIAA1160	57461	0.8774	1.84E-43	-0.1327	1.60E-02	-0.1358	1.37E-02	-0.1620	3.22E-03	-0.2559	2.56E-06	-0.3135	1.84E-43	NO
PSMB6	ILMN_1666409	PSMB6	5694	0.8766	1.60E-67	-0.1584	3.96E-03	-0.1783	1.16E-03	-0.1510	6.08E-03	-0.2512	3.96E-06	-0.3145	1.60E-67	NO
IAH1	ILMN_2217329	IAH1	285148	0.8753	7.65E-39	-0.0946	8.66E-02	-0.1543	5.03E-03	-0.1949	3.77E-04	-0.3014	2.44E-08	-0.3495	7.65E-39	NO
TXNDC17	ILMN_1659437	TXNDC17	84817	0.8725	4.67E-37	-0.1145	3.79E-02	-0.1994	2.73E-04	-0.1661	2.50E-03	-0.2622	1.42E-06	-0.3139	4.67E-37	NO
NME1	ILMN_1741133	NME1	4830	0.8677	2.96E-46	-0.1429	9.45E-03	-0.1771	1.26E-03	-0.0767	1.65E-01	-0.1978	3.06E-04	-0.2380	2.96E-46	NO
BLOC1S1	ILMN_2157510	BLOC1S1	2647	0.8671	3.70E-37	-0.1365	1.32E-02	-0.1974	3.15E-04	-0.1729	1.64E-03	-0.2433	8.04E-06	-0.3088	3.70E-37	NO
LOC650276	ILMN_1687738	LOC650276	650276	0.8664	1.20E-33	-0.1027	6.28E-02	-0.1567	4.38E-03	-0.1454	8.27E-03	-0.2598	1.79E-06	-0.2999	1.20E-33	NO
MRPL14	ILMN_2072603	MRPL14	64928	0.8661	1.12E-24	-0.1850	7.45E-04	-0.1738	1.55E-03	-0.0977	7.68E-02	-0.1971	3.21E-04	-0.2600	1.12E-24	NO
COPS5	ILMN_1736002	COPS5	10987	0.8655	9.39E-33	-0.1582	4.03E-03	-0.1688	2.12E-03	-0.1366	1.32E-02	-0.2547	2.88E-06	-0.3118	9.39E-33	NO
ATP5F1	ILMN_1721989	ATP5F1	515	0.8648	3.27E-37	-0.2035	2.03E-04	-0.1582	4.02E-03	-0.1648	2.71E-03	-0.2388	1.19E-05	-0.3254	3.27E-37	NO
COX17	ILMN_2187718	COX17	10063	0.8648	1.82E-26	-0.1217	2.73E-02	-0.1249	2.35E-02	-0.1295	1.88E-02	-0.2144	8.86E-05	-0.2640	1.82E-26	NO

TIMM23	ILMN_1773493	TIMM23	10431	0.8639	2.02E-40	-0.1609	3.43E-03	-0.1580	4.08E-03	-0.0878	1.12E-01	-0.1935	4.17E-04	-0.2449	2.02E-40	NO
RPL31	ILMN_1754195	RPL31	6160	0.8616	1.41E-33	-0.0938	8.93E-02	-0.1690	2.09E-03	-0.2297	2.58E-05	-0.3007	2.65E-08	-0.3617	1.41E-33	NO
SYF2	ILMN_2394498	SYF2	25949	0.8615	2.66E-70	-0.1730	1.64E-03	-0.1862	6.89E-04	-0.1122	4.20E-02	-0.2048	1.83E-04	-0.2675	2.66E-70	NO
TMEM126A	ILMN_2217809	TMEM126A	84233	0.8607	4.58E-40	-0.1262	2.20E-02	-0.0809	1.43E-01	-0.1566	4.41E-03	-0.2449	7.01E-06	-0.3003	4.58E-40	NO
DPH5	ILMN_2400183	DPH5	51611	0.8602	1.04E-30	-0.1516	5.88E-03	-0.1643	2.80E-03	-0.1342	1.49E-02	-0.2581	2.10E-06	-0.3113	1.04E-30	NO
SHFM1	ILMN_2128128	SHFM1	7979	0.8583	2.52E-38	-0.1699	1.99E-03	-0.1116	4.31E-02	-0.1970	3.26E-04	-0.2628	1.35E-06	-0.3451	2.52E-38	NO
WDR61	ILMN_1665887	WDR61	80349	0.8576	9.18E-31	-0.1736	1.58E-03	-0.1906	5.10E-04	-0.1473	7.45E-03	-0.2580	2.11E-06	-0.3238	9.18E-31	NO
POLE4	ILMN_1660063	POLE4	56655	0.8571	4.89E-20	-0.1746	1.47E-03	-0.1990	2.81E-04	-0.1555	4.69E-03	-0.2442	7.47E-06	-0.3162	4.89E-20	NO
OBFC1	ILMN_1789186	OBFC1	79991	0.8563	2.62E-34	-0.1929	4.33E-04	-0.1892	5.61E-04	-0.1232	2.54E-02	-0.2181	6.66E-05	-0.2893	2.62E-34	NO
SSB	ILMN_1672006	SSB	6741	0.8543	3.97E-24	-0.0829	1.33E-01	-0.1528	5.47E-03	-0.2241	4.10E-05	-0.3074	1.25E-08	-0.3612	3.97E-24	NO
LOC134997	ILMN_2205211	LOC134997	134997	0.8519	1.43E-35	-0.0457	4.09E-01	-0.1813	9.58E-04	-0.2651	1.07E-06	-0.3390	2.72E-10	-0.3893	1.43E-35	NO
MDH1	ILMN_1656913	MDH1	4190	0.8517	1.69E-24	-0.1363	1.33E-02	-0.1610	3.40E-03	-0.1979	3.05E-04	-0.3008	2.63E-08	-0.3645	1.69E-24	NO
NDUFB2	ILMN_2117330	NDUFB2	4708	0.8507	2.83E-29	-0.1464	7.81E-03	-0.0603	2.76E-01	-0.0862	1.19E-01	-0.1696	2.02E-03	-0.2201	2.83E-29	NO
EEF1D	ILMN_2408039	EEF1D	1936	0.8495	8.46E-27	-0.1519	5.75E-03	-0.1575	4.19E-03	-0.1716	1.79E-03	-0.2723	5.30E-07	-0.3370	8.46E-27	NO
HSPE1	ILMN_1803775	HSPE1	3336	0.8464	1.24E-44	-0.1240	2.45E-02	-0.1844	7.77E-04	-0.1133	3.99E-02	-0.2217	4.99E-05	-0.2645	1.24E-44	NO
C6ORF125	ILMN_1790461	C6orf125	84300	0.8459	2.67E-25	-0.1081	5.01E-02	-0.1578	4.11E-03	-0.1788	1.13E-03	-0.2746	4.21E-07	-0.3264	2.67E-25	NO
RPS27A	ILMN_2048326	RPS27A	6233	0.8440	8.18E-33	-0.1841	7.95E-04	-0.1650	2.68E-03	-0.1970	3.25E-04	-0.3217	2.34E-09	-0.3976	8.18E-33	NO
BRP44	ILMN_1727813	BRP44	25874	0.8423	1.43E-32	-0.1019	6.48E-02	-0.1559	4.59E-03	-0.1058	5.52E-02	-0.1899	5.36E-04	-0.2284	1.43E-32	NO
SNHG5	ILMN_2200659	SNHG5	387066	0.8418	1.43E-20	-0.1270	2.12E-02	-0.1084	4.94E-02	-0.1577	4.14E-03	-0.2751	4.02E-07	-0.3253	1.43E-20	NO
NUDT2	ILMN_1778347	NUDT2	318	0.8417	1.28E-42	-0.1790	1.11E-03	-0.1450	8.44E-03	-0.1790	1.11E-03	-0.2545	2.93E-06	-0.3349	1.28E-42	NO
MRPL55	ILMN_1799289	MRPL55	128308	0.8417	1.73E-20	-0.1912	4.87E-04	-0.1667	2.42E-03	-0.1237	2.49E-02	-0.2014	2.36E-04	-0.2754	1.73E-20	NO
EEF1B2	ILMN_1694587	EEF1B2	1933	0.8411	5.30E-24	-0.1931	4.27E-04	-0.1347	1.45E-02	-0.0980	7.60E-02	-0.2464	6.10E-06	-0.3027	5.30E-24	NO
ATP5J	ILMN_2348093	ATP5J	522	0.8410	1.59E-32	-0.0552	3.18E-01	-0.1286	1.96E-02	-0.2725	5.18E-07	-0.3580	2.20E-11	-0.4107	1.59E-32	NO
RPL12	ILMN_1653469	RPL12	6136	0.8401	6.34E-56	-0.1097	4.68E-02	-0.1437	9.03E-03	-0.0659	2.33E-01	-0.1876	6.27E-04	-0.2142	6.34E-56	NO
LOC401397	ILMN_1857915	LOC401397	401397	0.8377	2.70E-33	-0.1285	1.97E-02	-0.1481	7.13E-03	-0.1921	4.60E-04	-0.2881	1.04E-07	-0.3494	2.70E-33	NO
PFDN1	ILMN_1717855	PFDN1	5201	0.8361	1.58E-35	-0.1121	4.22E-02	-0.0914	9.79E-02	-0.1541	5.09E-03	-0.2238	4.20E-05	-0.2775	1.58E-35	NO
PPHLN1	ILMN_2322842	PPHLN1	51535	0.8361	2.28E-23	-0.0715	1.96E-01	-0.0887	1.08E-01	-0.2411	9.81E-06	-0.3152	5.08E-09	-0.3699	2.28E-23	NO
ATP6V1E1	ILMN_2339779	ATP6V1E1	529	0.8351	2.69E-17	-0.1582	4.01E-03	-0.1675	2.30E-03	-0.1086	4.90E-02	-0.2205	5.49E-05	-0.2737	2.69E-17	NO
BRIX1	ILMN_1679800	BRIX1	55299	0.8346	1.26E-25	-0.1821	9.07E-04	-0.1798	1.05E-03	-0.1916	4.74E-04	-0.3096	9.66E-09	-0.3852	1.26E-25	NO
LOC341457	ILMN_1688127	LOC341457	341457	0.8323	2.38E-30	-0.1811	9.68E-04	-0.0799	1.48E-01	-0.0745	1.78E-01	-0.1748	1.46E-03	-0.2319	2.38E-30	NO
BUD31	ILMN_1710697	BUD31	8896	0.8275	8.87E-21	-0.0597	2.80E-01	-0.1472	7.50E-03	-0.1799	1.05E-03	-0.2658	1.00E-06	-0.3029	8.87E-21	NO
POMP	ILMN_1693287	POMP	51371	0.8263	1.20E-25	-0.1150	3.71E-02	-0.1173	3.35E-02	-0.2844	1.54E-07	-0.3692	4.60E-12	-0.4450	1.20E-25	NO
DPY30	ILMN_2131880	DPY30	84661	0.8253	1.39E-33	-0.0777	1.60E-01	-0.1588	3.88E-03	-0.2278	3.04E-05	-0.2875	1.11E-07	-0.3448	1.39E-33	NO
NDUFA1	ILMN_1784286	NDUFA1	4694	0.8247	1.09E-45	-0.1069	5.26E-02	-0.1577	4.15E-03	-0.0961	8.17E-02	-0.2113	1.13E-04	-0.2437	1.09E-45	NO
MRPL22	ILMN_1748819	MRPL22	29093	0.8241	1.15E-47	-0.0736	1.83E-01	-0.1204	2.89E-02	-0.1756	1.39E-03	-0.2588	1.96E-06	-0.3005	1.15E-47	NO
COMMD3	ILMN_1690392	COMMD3	23412	0.8232	2.68E-53	-0.2359	1.54E-05	-0.1351	1.42E-02	-0.0855	1.21E-01	-0.1655	2.60E-03	-0.2476	2.68E-53	NO
LOC729466	ILMN_1809347	LOC729466	729466	0.8184	4.96E-15	-0.1262	2.21E-02	-0.1894	5.53E-04	-0.1304	1.80E-02	-0.2567	2.39E-06	-0.2999	4.96E-15	NO
CKS1B	ILMN_1719256	CKS1B	1163	0.8165	5.82E-22	-0.1434	9.20E-03	-0.0708	2.00E-01	-0.1437	9.04E-03	-0.2625	1.38E-06	-0.3157	5.82E-22	NO
C19ORF70	ILMN_1765684	C19orf70	125988	0.8113	6.63E-20	-0.0959	8.23E-02	-0.1492	6.72E-03	-0.2951	4.93E-08	-0.3500	6.52E-11	-0.4268	6.63E-20	NO
RSL1D1	ILMN_1723729	RSL1D1	26156	0.8091	2.21E-23	-0.0573	3.00E-01	-0.1107	4.49E-02	-0.1455	8.22E-03	-0.2590	1.93E-06	-0.2836	2.21E-23	NO
COX7C	ILMN_1798189	COX7C	1350	0.8083	7.06E-24	-0.0666	2.28E-01	-0.0874	1.14E-01	-0.1569	4.34E-03	-0.2494	4.67E-06	-0.2834	7.06E-24	NO
EXOSC7	ILMN_2055477	EXOSC7	23016	0.8083	3.85E-26	-0.1296	1.86E-02	-0.0698	2.07E-01	-0.1457	8.11E-03	-0.2556	2.64E-06	-0.3061	3.85E-26	NO
LOC642250	ILMN_1663416	LOC642250	642250	0.8070	3.18E-17	-0.0887	1.08E-01	-0.1035	6.07E-02	-0.3005	2.71E-08	-0.3792	1.09E-12	-0.4499	3.18E-17	NO
ATP5L	ILMN_1812638	ATP5L	10632	0.8067	1.28E-26	-0.0397	4.73E-01	-0.1627	3.08E-03	-0.1276	2.06E-02	-0.2429	8.39E-06	-0.2578	1.28E-26	NO
LOC388720	ILMN_1754990	LOC388720	388720	0.8057	5.71E-27	-0.1734	1.60E-03	-0.1678	2.26E-03	-0.0271	6.25E-01	-0.1456	8.16E-03	-0.1878	5.71E-27	NO
SP140	ILMN_2246882	SP140	11262	0.8052	2.31E-18	-0.0832	1.32E-01	-0.1717	1.78E-03	-0.3221	2.23E-09	-0.3858	4.05E-13	-0.4615	2.31E-18	NO

MRPL51	ILMN_2097421	MRPL51	51258	0.8041	5.99E-25	-0.1586	3.92E-03	-0.1597	3.67E-03	-0.1815	9.42E-04	-0.2936	5.81E-08	-0.3602	5.99E-25	NO
LSM1	ILMN_2218450	LSM1	27257	0.8037	7.07E-30	-0.1111	4.40E-02	-0.1529	5.46E-03	-0.1370	1.29E-02	-0.2341	1.79E-05	-0.2790	7.07E-30	NO
LOC401206	ILMN_1792528	LOC401206	401206	0.8029	4.17E-25	-0.1084	4.95E-02	-0.1757	1.38E-03	-0.1548	4.88E-03	-0.2522	3.62E-06	-0.2994	4.17E-25	NO
PPBP	ILMN_1767281	PPBP	5473	0.8016	1.12E-29	-0.0888	1.08E-01	-0.1704	1.92E-03	-0.1209	2.84E-02	-0.2288	2.78E-05	-0.2609	1.12E-29	NO
ATPIF1	ILMN_1727332	ATPIF1	93974	0.8006	8.81E-41	-0.1775	1.22E-03	-0.1510	6.05E-03	-0.0928	9.29E-02	-0.1407	1.06E-02	-0.2101	8.81E-41	NO
PSMC2	ILMN_1768784	PSMC2	5701	0.7920	5.13E-21	-0.0611	2.69E-01	-0.1739	1.54E-03	-0.2796	2.54E-07	-0.3304	8.06E-10	-0.3931	5.13E-21	NO
TCEAL4	ILMN_1748625	TCEAL4	79921	0.7915	4.32E-47	-0.1425	9.64E-03	-0.1230	2.57E-02	-0.0252	6.49E-01	-0.1108	4.47E-02	-0.1482	4.32E-47	NO
GIMAP7	ILMN_1776678	GIMAP7	168537	0.7868	5.64E-20	-0.0684	2.16E-01	-0.1935	4.16E-04	-0.1903	5.19E-04	-0.2760	3.65E-07	-0.3181	5.64E-20	NO
ANXA1	ILMN_2184184	ANXA1	301	0.7827	3.68E-27	-0.1851	7.41E-04	-0.1710	1.85E-03	-0.0623	2.60E-01	-0.1699	1.99E-03	-0.2247	3.68E-27	NO
BTF3	ILMN_2319414	BTF3	689	0.7821	2.59E-31	-0.1855	7.19E-04	-0.2152		-0.1065	5.37E-02	-0.1973	3.18E-04	-0.2636	2.59E-31	NO
PIGP	ILMN_1774949	PIGP	51227	0.7819	3.21E-15	-0.0871	1.15E-01	-0.1672	2.35E-03	-0.2630	1.31E-06	-0.3500	6.48E-11	-0.4117	3.21E-15	NO
SNRPG	ILMN_1683562	SNRPG	6637	0.7796	3.54E-28	-0.1943	3.92E-04	-0.1617	3.28E-03	-0.1477	7.29E-03	-0.2233	4.37E-05	-0.3032	3.54E-28	NO
CALML4	ILMN_1815707	CALML4	91860	0.7788	1.33E-19	-0.1518	5.81E-03	-0.1823	8.92E-04	-0.1713	1.82E-03	-0.2375	1.34E-05	-0.3088	1.33E-19	NO
ATP5J	ILMN_1772929	ATP5J	522	0.7770	5.67E-20	-0.0668	2.27E-01	-0.1606	3.49E-03	-0.2209	5.31E-05	-0.3105	8.78E-09	-0.3569	5.67E-20	NO
CD3D	ILMN_2325837	CD3D	915	0.7754	2.04E-12	-0.1221	2.67E-02	-0.1369	1.29E-02	-0.1636	2.91E-03	-0.2669	8.98E-07	-0.3194	2.04E-12	NO
DRG1	ILMN_1658259	DRG1	4733	0.7754	7.00E-27	-0.0732	1.86E-01	-0.0926	9.37E-02	-0.1446	8.63E-03	-0.2264	3.40E-05	-0.2625	7.00E-27	NO
ATP5I	ILMN_1726603	ATP5I	521	0.7731	7.01E-18	-0.0852	1.23E-01	-0.0903	1.02E-01	-0.1860	6.98E-04	-0.2966	4.18E-08	-0.3389	7.01E-18	NO
SEC61G	ILMN_2367020	SEC61G	23480	0.7697	1.02E-25	-0.1953	3.66E-04	-0.1853	7.33E-04	-0.1666	2.43E-03	-0.2335	1.89E-05	-0.3189	1.02E-25	NO
LOC731365	ILMN_1656662	LOC731365	731365	0.7691	6.94E-42	-0.1567	4.39E-03	-0.1515	5.91E-03	-0.1971	3.22E-04	-0.2684	7.80E-07	-0.3451	6.94E-42	NO
ATP6V1D	ILMN_1797310	ATP6V1D	51382	0.7689	6.06E-12	-0.0518	3.49E-01	-0.1745	1.48E-03	-0.2412	9.72E-06	-0.3237	1.84E-09	-0.3700	6.06E-12	NO
ESD	ILMN_1720285	ESD	2098	0.7671	2.95E-17	-0.1114	4.35E-02	-0.1325	1.62E-02	-0.1369	1.30E-02	-0.2246	3.93E-05	-0.2714	2.95E-17	NO
CCT2	ILMN_1679382	CCT2	10576	0.7671	4.05E-16	-0.1579	4.09E-03	-0.1681	2.23E-03	-0.1731	1.62E-03	-0.2432	8.10E-06	-0.3162	4.05E-16	NO
SF3B14	ILMN_1703720	SF3B14	51639	0.7636	2.98E-17	-0.0786	1.55E-01	-0.1637	2.90E-03	-0.1983	2.95E-04	-0.2972	3.93E-08	-0.3417	2.98E-17	NO
MRPL27	ILMN_1811327	MRPL27	51264	0.7626	2.61E-20	-0.1270	2.13E-02	-0.1581	4.03E-03	-0.2266	3.34E-05	-0.2953	4.81E-08	-0.3677	2.61E-20	NO
LOC647673	ILMN_1757702	LOC647673	647673	0.7586	1.34E-19	-0.0499	3.67E-01	-0.1557	4.64E-03	-0.2094	1.30E-04	-0.3061	1.45E-08	-0.3432	1.34E-19	NO
RPL6	ILMN_1712155	RPL6	6128	0.7568	1.66E-15	-0.0681	2.18E-01	-0.1787	1.13E-03	-0.1874	6.34E-04	-0.2790	2.68E-07	-0.3194	1.66E-15	NO
LOC388621	ILMN_1677262	LOC388621	388621	0.7533	2.14E-35	-0.1934	4.20E-04	-0.1265	2.17E-02	-0.0938	8.95E-02	-0.1885	5.90E-04	-0.2544	2.14E-35	NO
PPHLN1	ILMN_1791093	PPHLN1	51535	0.7518	1.68E-09	-0.0647	2.42E-01	-0.1469	7.61E-03	-0.2044	1.90E-04	-0.2818	2.03E-07	-0.3268	1.68E-09	NO
LSM3	ILMN_2229242	LSM3	27258	0.7508	6.14E-40	-0.1667	2.42E-03	-0.1823	8.95E-04	-0.1240	2.45E-02	-0.1955	3.60E-04	-0.2623	6.14E-40	NO
ATP5J2	ILMN_2310621	ATP5J2	9551	0.7502	1.26E-20	-0.0620	2.62E-01	-0.1205	2.89E-02	-0.1790	1.11E-03	-0.2657	1.01E-06	-0.3033	1.26E-20	NO
RPL6	ILMN_1690494	RPL6	6128	0.7494	5.20E-13	-0.0645	2.43E-01	-0.1598	3.66E-03	-0.2444	7.32E-06	-0.3027	2.13E-08	-0.3587	5.20E-13	NO
SRP14	ILMN_2234758	SRP14	6727	0.7485	1.66E-17	-0.1147	3.75E-02	-0.1223	2.65E-02	-0.1938	4.08E-04	-0.2859	1.31E-07	-0.3435	1.66E-17	NO
NDUFAF2	ILMN_1682857	NDUFAF2	91942	0.7458	6.50E-22	-0.1181	3.23E-02	-0.1054	5.62E-02	-0.1846	7.65E-04	-0.2646	1.13E-06	-0.3240	6.50E-22	NO
RPA3	ILMN_1716895	RPA3	6119	0.7456	2.01E-17	-0.1199	2.96E-02	-0.1514	5.93E-03	-0.1464	7.81E-03	-0.2158	7.98E-05	-0.2708	2.01E-17	NO
CHCHD9	ILMN_1677237	CHCHD9	645345	0.7431	3.10E-18	-0.1272	2.10E-02	-0.1686	2.15E-03	-0.1549	4.85E-03	-0.1982	2.97E-04	-0.2625	3.10E-18	NO
NDUFA8	ILMN_1759729	NDUFA8	4702	0.7428	1.01E-34	-0.2043	1.90E-04	-0.1854	7.26E-04	-0.1279	2.03E-02	-0.1984	2.94E-04	-0.2791	1.01E-34	NO
AIF1	ILMN_1703538	AIF1	199	0.7412	1.69E-18	-0.0959	8.26E-02	-0.1588	3.87E-03	-0.1326	1.61E-02	-0.2365	1.45E-05	-0.2740	1.69E-18	NO
GTF2H5	ILMN_1739497	GTF2H5	404672	0.7407	4.65E-23	-0.1756	1.39E-03	-0.1532	5.35E-03	-0.1095	4.71E-02	-0.2097	1.27E-04	-0.2713	4.65E-23	NO
RPL32	ILMN_1663799	RPL32	6161	0.7376	2.42E-12	-0.0525	3.43E-01	-0.1494	6.62E-03	-0.2165	7.52E-05	-0.2982	3.50E-08	-0.3404	2.42E-12	NO
ATP5EP2	ILMN_1756674	ATP5EP2	432369	0.7372	1.08E-19	-0.1059	5.51E-02	-0.1545	4.97E-03	-0.1603	3.56E-03	-0.2117	1.09E-04	-0.2679	1.08E-19	NO
RPS25	ILMN_1746516	RPS25	6230	0.7357	1.17E-09	-0.0413	4.56E-01	-0.1465	7.78E-03	-0.1835	8.25E-04	-0.2391	1.17E-05	-0.2764	1.17E-09	NO
LOC648622	ILMN_1652955	LOC648622	648622	0.7284	8.07E-20	-0.0592	2.84E-01	-0.1611	3.39E-03	-0.2551	2.78E-06	-0.3190	3.21E-09	-0.3741	8.07E-20	NO
GTF2B	ILMN_1737857	GTF2B	2959	0.7225	3.68E-21	-0.1752	1.42E-03	-0.1463	7.87E-03	-0.1509	6.10E-03	-0.2177	6.83E-05	-0.2933	3.68E-21	NO
H2AFZ	ILMN_1707858	H2AFZ	3015	0.7177	7.18E-30	-0.1589	3.86E-03	-0.1282	2.00E-02	-0.2219	4.90E-05	-0.3175	3.88E-09	-0.3948	7.18E-30	NO
MRPL17	ILMN_1797933	MRPL17	63875	0.7156	1.33E-18	-0.0674	2.23E-01	-0.1928	4.38E-04	-0.2591	1.90E-06	-0.3065	1.38E-08	-0.3684	1.33E-18	NO
PSMB7	ILMN_1814156	PSMB7	5695	0.7123	3.71E-23	-0.1694	2.04E-03	-0.0774	1.61E-01	-0.0044	9.37E-01	-0.1262	2.21E-02	-0.1622	3.71E-23	NO

SNRPD2	ILMN_2369785	SNRPD2	6633	0.7063	2.07E-12	-0.1184	3.17E-02	-0.1269	2.13E-02	-0.1010	6.73E-02	-0.1764	1.31E-03	-0.2215	2.07E-12	NO
LOC654121	ILMN_1753892	LOC654121	654121	0.7059	4.64E-18	-0.2196	5.89E-05	-0.1539	5.14E-03	-0.0347	5.30E-01	-0.1288	1.94E-02	-0.1932	4.64E-18	NO
NDUFS4	ILMN_1812312	NDUFS4	4724	0.7056	1.61E-17	-0.0344	5.34E-01	-0.1620	3.21E-03	-0.1626	3.10E-03	-0.2131	9.83E-05	-0.2451	1.61E-17	NO
TCEAL8	ILMN_2402272	TCEAL8	90843	0.7047	2.33E-14	-0.0473	3.93E-01	-0.1149	3.73E-02	-0.1050	5.71E-02	-0.2145	8.78E-05	-0.2290	2.33E-14	NO
NSA2	ILMN_1694259	NSA2	10412	0.7044	9.42E-15	-0.0415	4.53E-01	-0.1047	5.77E-02	-0.1567	4.38E-03	-0.2624	1.39E-06	-0.2852	9.42E-15	NO
LOC388789	ILMN_1803953	LOC388789	388789	0.6983	5.48E-07	-0.0189	7.32E-01	-0.1457	8.12E-03	-0.2254	3.70E-05	-0.2701	6.59E-07	-0.3094	5.48E-07	NO
NDUFA9	ILMN_1760741	NDUFA9	4704	0.6960	1.18E-16	-0.0449	4.17E-01	-0.1651	2.66E-03	-0.1992	2.77E-04	-0.2503	4.30E-06	-0.2926	1.18E-16	NO
DPH3	ILMN_1679912	DPH3	285381	0.6956	1.23E-16	-0.1230	2.57E-02	-0.0935	9.04E-02	-0.1687	2.14E-03	-0.2443	7.39E-06	-0.3033	1.23E-16	NO
SPAG7	ILMN_1684446	SPAG7	9552	0.6894	1.06E-19	-0.1054	5.63E-02	-0.1804	1.01E-03	-0.1272	2.10E-02	-0.1813	9.54E-04	-0.2308	1.06E-19	NO
VAMP8	ILMN_2190084	VAMP8	8673	0.6869	2.99E-11	-0.1231	2.56E-02	-0.1470	7.57E-03	-0.1866	6.68E-04	-0.2772	3.23E-07	-0.3367	2.99E-11	NO
TXN	ILMN_2038776	TXN	7295	0.6823	2.15E-06	-0.0856	1.21E-01	-0.2119	1.07E-04	-0.3414	1.99E-10	-0.4054	1.90E-14	-0.4855	2.15E-06	NO
COMMD6	ILMN_1777378	COMMD6	170622	0.6798	8.59E-19	-0.0875	1.13E-01	-0.1760	1.35E-03	-0.1858	7.08E-04	-0.2583	2.05E-06	-0.3087	8.59E-19	NO
RPS27	ILMN_1696839	RPS27	6232	0.6785	2.97E-08	-0.0151	7.85E-01	-0.1344	1.47E-02	-0.2449	6.97E-06	-0.2774	3.18E-07	-0.3213	2.97E-08	NO
PSMA4	ILMN_2198376	PSMA4	5685	0.6779	3.03E-06	-0.0804	1.46E-01	-0.1377	1.24E-02	-0.1744	1.49E-03	-0.2308	2.36E-05	-0.2798	3.03E-06	NO
MRPS33	ILMN_1741264	MRPS33	51650	0.6772	1.32E-06	-0.0848	1.25E-01	-0.1709	1.86E-03	-0.1552	4.77E-03	-0.2055	1.75E-04	-0.2537	1.32E-06	NO
NGDN	ILMN_2324998	NGDN	25983	0.6754	1.35E-08	-0.1348	1.44E-02	-0.1603	3.54E-03	-0.1583	4.00E-03	-0.2638	1.22E-06	-0.3192	1.35E-08	NO
ATP6V1E1	ILMN_1798485	ATP6V1E1	529	0.6737	7.00E-15	-0.1056	5.57E-02	-0.1466	7.75E-03	-0.0670	2.25E-01	-0.1354	1.40E-02	-0.1711	7.00E-15	NO
ISY1	ILMN_1781099	ISY1	57461	0.6696	1.66E-20	-0.1586	3.92E-03	-0.1535	5.26E-03	0.0241	6.63E-01	-0.0779	1.59E-01	-0.1087	1.66E-20	NO
CMTM2	ILMN_1799030	CMTM2	146225	0.6644	1.47E-12	-0.1324	1.63E-02	-0.1946	3.84E-04	-0.1479	7.19E-03	-0.2409	9.92E-06	-0.2960	1.47E-12	NO
C11ORF10	ILMN_1786759	C11orf10	746	0.6636	4.40E-12	-0.2306	2.41E-05	-0.1674	2.32E-03	-0.0493	3.73E-01	-0.1008	6.79E-02	-0.1798	4.40E-12	NO
ACAT1	ILMN_1800008	ACAT1	38	0.6627	7.62E-16	-0.0930	9.23E-02	-0.1259	2.23E-02	-0.0703	2.03E-01	-0.1439	8.96E-03	-0.1748	7.62E-16	NO
LSM5	ILMN_1737947	LSM5	23658	0.6589	1.20E-10	-0.0849	1.25E-01	-0.1124	4.16E-02	-0.1868	6.59E-04	-0.2810	2.19E-07	-0.3265	1.20E-10	NO
MRPL39	ILMN_1726391	MRPL39	54148	0.6572	2.04E-15	-0.0711	1.98E-01	-0.1669	2.38E-03	-0.1400	1.10E-02	-0.2156	8.09E-05	-0.2513	2.04E-15	NO
COMMD1	ILMN_1761242	COMMD1	150684	0.6505	6.40E-06	-0.1139	3.90E-02	-0.1267	2.15E-02	-0.1677	2.28E-03	-0.2184	6.46E-05	-0.2789	6.40E-06	NO
LOC440055	ILMN_1700316	LOC440055	440055	0.6474	9.20E-16	-0.0910	9.93E-02	-0.1728	1.66E-03	-0.2633	1.28E-06	-0.3037	1.90E-08	-0.3759	9.20E-16	NO
MRLC2	ILMN_1654016	MRLC2	103910	0.6446	1.06E-07	-0.0222	6.88E-01	-0.1590	3.83E-03	-0.1449	8.50E-03	-0.2054	1.76E-04	-0.2280	1.06E-07	NO
COPS3	ILMN_1770732	COPS3	8533	0.6337	2.82E-06	-0.0029	9.58E-01	-0.0858	1.21E-01	-0.3081	1.16E-08	-0.3740	2.31E-12	-0.4189	2.82E-06	NO
PRDX1	ILMN_2366391	PRDX1	5052	0.6335	1.66E-20	-0.2884	1.01E-07	-0.0394	4.76E-01	-0.0558	3.13E-01	-0.0946	8.67E-02	-0.1973	1.66E-20	NO
CCDC53	ILMN_1715569	CCDC53	51019	0.6303	1.67E-17	-0.0972	7.82E-02	-0.1297	1.86E-02	-0.1152	3.68E-02	-0.1627	3.08E-03	-0.2084	1.67E-17	NO
SS18L2	ILMN_1796407	SS18L2	51188	0.6302	5.17E-15	-0.2521	3.65E-06	-0.1474	7.40E-03	-0.0491	3.74E-01	-0.1181	3.22E-02	-0.2013	5.17E-15	NO
LDHB	ILMN_1728132	LDHB	3945	0.6292	4.94E-18	-0.2201	5.65E-05	-0.1570	4.31E-03	-0.1160	3.54E-02	-0.1894	5.52E-04	-0.2729	4.94E-18	NO
SF3B14	ILMN_2182120	SF3B14	51639	0.6291	1.31E-10	-0.0801	1.47E-01	-0.1464	7.82E-03	-0.0250	6.52E-01	-0.1430	9.39E-03	-0.1525	1.31E-10	NO
LOC653658	ILMN_1652073	LOC653658	653658	0.6274	2.87E-21	-0.2110	1.15E-04	-0.1513	5.96E-03	0.0165	7.65E-01	-0.0371	5.03E-01	-0.0968	2.87E-21	NO
ING3	ILMN_2237746	ING3	54556	0.6271	4.99E-21	-0.1820	9.13E-04	-0.1836	8.21E-04	-0.0995	7.15E-02	-0.1244	2.40E-02	-0.2010	4.99E-21	NO
UQCRHL	ILMN_1718136	UQCRHL	440567	0.6265	3.20E-13	-0.2308	2.36E-05	-0.1773	1.24E-03	-0.0799	1.48E-01	-0.1786	1.14E-03	-0.2542	3.20E-13	NO
C11ORF1	ILMN_2128967	C11orf1	64776	0.6264	1.63E-08	0.0122	8.26E-01	-0.1611	3.38E-03	-0.2684	7.79E-07	-0.2978	3.68E-08	-0.3372	1.63E-08	NO
NDUFS5	ILMN_1776104	NDUFS5	4725	0.6263	1.31E-21	-0.1359	1.36E-02	-0.0790	1.53E-01	-0.0899	1.04E-01	-0.1737	1.56E-03	-0.2211	1.31E-21	NO
LOC649548	ILMN_1672755	LOC649548	649548	0.6237	3.02E-09	-0.0301	5.86E-01	-0.1594	3.75E-03	-0.1882	6.02E-04	-0.2463	6.16E-06	-0.2801	3.02E-09	NO
GSTO1	ILMN_1808196	GSTO1	9446	0.6224	8.07E-08	-0.0385	4.86E-01	-0.1758	1.36E-03	-0.0934	9.08E-02	-0.1687	2.13E-03	-0.1847	8.07E-08	NO
NME1-NME2	ILMN_1662905	NME1-NME2	654364	0.6216	5.97E-15	-0.0793	1.51E-01	-0.1701	1.96E-03	-0.0703	2.04E-01	-0.1647	2.74E-03	-0.1868	5.97E-15	NO
LOC648000	ILMN_1667813	LOC648000	648000	0.6185	4.00E-10	-0.0241	6.63E-01	-0.1653	2.63E-03	-0.1907	5.04E-04	-0.2475	5.55E-06	-0.2799	4.00E-10	NO
MRPL21	ILMN_1744835	MRPL21	219927	0.6181	5.36E-12	-0.0696	2.08E-01	-0.1508	6.13E-03	-0.0777	1.59E-01	-0.1562	4.52E-03	-0.1794	5.36E-12	NO
LOC731640	ILMN_1661174	LOC731640	731640	0.6173	8.73E-20	-0.1568	4.36E-03	-0.1270	2.12E-02	-0.0658	2.34E-01	-0.1602	3.57E-03	-0.2084	8.73E-20	NO
TMEM93	ILMN_2405592	TMEM93	83460	0.6172	1.90E-15	-0.0683	2.17E-01	-0.1925	4.45E-04	-0.0925	9.39E-02	-0.1457	8.14E-03	-0.1760	1.90E-15	NO
POLR3GL	ILMN_1760667	POLR3GL	84265	0.6086	1.61E-10	-0.0567	3.05E-01	-0.1677	2.28E-03	-0.1886	5.86E-04	-0.2649	1.09E-06	-0.3045	1.61E-10	NO
MRPL3	ILMN_1713143	MRPL3	11222	0.6033	6.76E-06	0.0374	4.99E-01	-0.1840	7.97E-04	-0.2990	3.20E-08	-0.3063	1.42E-08	-0.3469	6.76E-06	NO

LOC645688	ILMN_1772888	LOC645688	645688	0.6020	1.42E-05	0.0053	9.24E-01	-0.1267	2.15E-02	-0.2992	3.15E-08	-0.3372	3.42E-10	-0.3830	1.42E-05	NO
LOC402057	ILMN_1664610	LOC402057	402057	0.5973	3.96E-06	-0.0804	1.46E-01	-0.1565	4.43E-03	-0.2143	8.90E-05	-0.2408	1.00E-05	-0.3030	3.96E-06	NO
SF3B5	ILMN_1689389	SF3B5	83443	0.5966	9.57E-21	-0.1946	3.86E-04	-0.1844	7.75E-04	-0.1261	2.21E-02	-0.1929	4.34E-04	-0.2706	9.57E-21	NO
DNAJC8	ILMN_1698258	DNAJC8	22826	0.5921	8.13E-16	-0.0633	2.52E-01	-0.1845	7.73E-04	-0.0805	1.45E-01	-0.1555	4.69E-03	-0.1777	8.13E-16	NO
ZCCHC17	ILMN_1761844	ZCCHC17	51538	0.5859	9.83E-14	-0.0307	5.80E-01	-0.1737	1.57E-03	-0.1199	2.97E-02	-0.1919	4.66E-04	-0.2106	9.83E-14	NO
LSM7	ILMN_1678165	LSM7	51690	0.5789	8.57E-13	-0.1293	1.90E-02	-0.1418	9.99E-03	-0.0880	1.11E-01	-0.1405	1.07E-02	-0.1913	8.57E-13	NO
NDUFS3	ILMN_1756355	NDUFS3	4722	0.5719	1.60E-08	-0.0557	3.14E-01	-0.1498	6.48E-03	-0.1556	4.67E-03	-0.2231	4.46E-05	-0.2579	1.60E-08	NO
C6ORF129	ILMN_1651987	C6orf129	154467	0.5704	4.00E-11	-0.1112	4.38E-02	-0.1559	4.60E-03	-0.0833	1.32E-01	-0.1381	1.22E-02	-0.1814	4.00E-11	NO
CBX3	ILMN_1790625	CBX3	11335	0.5351	3.40E-07	0.0948	8.59E-02	-0.1196	3.01E-02	-0.2577	2.17E-06	-0.2885	1.01E-07	-0.2970	3.40E-07	NO
DPH3	ILMN_2349610	DPH3	285381	0.5330	1.54E-09	-0.1002	6.96E-02	-0.1675	2.30E-03	-0.1398	1.11E-02	-0.1824	8.87E-04	-0.2346	1.54E-09	NO