

Table S2: Red 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- value	Gene Significance	Gene Significance p- value	Gene Significance	Gene Significance p- value	Gene Significance	Gene Significance p- value	Gene Significance	Gene Significance p- value	Gene Significance	Gene Significance p- value		
C1ORF59	ILMN_1682428	C1orf59	113802	0.9514	2.61E-140	-0.1679	2.24E-03	-0.1757	1.37E-03	-0.0337	5.43E-01	0.1017	6.55E-02	-0.1906	5.08E-04	NO	
B2M	ILMN_2148459	B2M	567	0.9462	4.00E-99	-0.1152	3.67E-02	-0.1859	7.02E-04	-0.0844	1.26E-01	0.1003	6.91E-02	-0.2353	1.61E-05	YES	
LOC644511	ILMN_1789809	LOC644511	644511	0.9374	7.04E-84	-0.1373	1.26E-02	-0.1657	2.58E-03	-0.0666	2.28E-01	0.1391	1.16E-02	-0.2119	1.07E-04	YES	
NGRN	ILMN_1691506	NGRN	51335	0.9338	5.56E-95	-0.1716	1.78E-03	-0.1741	1.53E-03	-0.0080	8.86E-01	-0.0433	4.34E-01	-0.1619	3.23E-03	NO	
PHF14	ILMN_2401769	PHF14	9678	0.9265	6.39E-93	-0.1353	1.41E-02	-0.1914	4.83E-04	-0.0884	1.09E-01	0.0356	5.19E-01	-0.2497	4.53E-06	YES	
LOC402694	ILMN_1738356	LOC402694	402694	0.9258	2.75E-111	-0.1373	1.27E-02	-0.1864	6.81E-04	-0.1239	2.46E-02	0.0411	4.58E-01	-0.2879	1.07E-07	YES	
SAR1B	ILMN_1736888	SAR1B	51128	0.9244	5.86E-107	-0.1654	2.62E-03	-0.1629	3.05E-03	-0.0535	3.33E-01	0.0115	8.35E-01	-0.2053	1.77E-04	YES	
NAE1	ILMN_1689665	NAE1	8883	0.9241	1.27E-87	-0.1541	5.09E-03	-0.1626	3.10E-03	-0.0888	1.08E-01	0.0362	5.13E-01	-0.2413	9.64E-06	YES	
NDUFV2	ILMN_2086417	NDUFV2	4729	0.9227	6.50E-89	-0.1849	7.52E-04	-0.1931	4.28E-04	0.0351	5.26E-01	0.0676	2.21E-01	-0.1279	2.03E-02	NO	
THOC7	ILMN_1805028	THOC7	80145	0.9206	9.19E-106	-0.1946	3.86E-04	-0.1919	4.64E-04	-0.0189	7.32E-01	0.0764	1.67E-01	-0.1919	4.65E-04	NO	
REXO2	ILMN_1749009	REXO2	25996	0.9180	1.60E-81	-0.1683	2.19E-03	-0.1661	2.51E-03	-0.0115	8.35E-01	-0.0016	9.77E-01	-0.1605	3.51E-03	NO	
PPWD1	ILMN_2223380	PPWD1	23398	0.9164	3.73E-81	-0.1812	9.62E-04	-0.1658	2.55E-03	0.0118	8.32E-01	0.1042	5.91E-02	-0.1385	1.19E-02	NO	
ZNF271	ILMN_1706990	ZNF271	10778	0.9164	1.19E-103	-0.1496	6.56E-03	-0.1967	3.30E-04	-0.0864	1.18E-01	0.0495	3.71E-01	-0.2553	2.72E-06	YES	
HSPA8	ILMN_1686367	HSPA8	3312	0.9141	1.45E-79	-0.1655	2.61E-03	-0.1585	3.95E-03	0.0397	4.73E-01	0.0742	1.79E-01	-0.0974	7.76E-02	NO	
PARL	ILMN_1731354	PARL	55486	0.9140	1.04E-80	-0.1358	1.37E-02	-0.1691	2.08E-03	-0.0449	4.17E-01	0.0026	9.62E-01	-0.1887	5.82E-04	NO	
GLO1	ILMN_1702177	GLO1	2739	0.9133	4.62E-97	-0.1310	1.74E-02	-0.1773	1.24E-03	-0.1349	1.44E-02	0.0349	5.29E-01	-0.2933	5.96E-08	YES	
LOC401152	ILMN_2051684	LOC401152	401152	0.9130	7.03E-91	-0.1230	2.57E-02	-0.1636	2.92E-03	-0.0889	1.07E-01	0.1078	5.07E-02	-0.2311	2.30E-05	YES	
LOC646849	ILMN_1692545	LOC646849	646849	0.9127	2.42E-98	-0.2024	2.20E-04	-0.1398	1.11E-02	-0.0740	1.81E-01	-0.0714	1.97E-01	-0.2290	2.75E-05	YES	
CISD1	ILMN_2122953	CISD1	55847	0.9121	4.94E-75	-0.1300	1.84E-02	-0.1482	7.08E-03	-0.0626	2.58E-01	0.0478	3.87E-01	-0.1955	3.62E-04	NO	
BTG3	ILMN_1707339	BTG3	10950	0.9110	1.32E-79	-0.1334	1.55E-02	-0.1589	3.85E-03	-0.0936	9.00E-02	0.0417	4.51E-01	-0.2376	1.33E-05	YES	
ZNF146	ILMN_2054442	ZNF146	7705	0.9106	3.23E-112	-0.1590	3.83E-03	-0.1666	2.44E-03	-0.0146	7.92E-01	0.1151	3.69E-02	-0.1610	3.40E-03	NO	
C19ORF2	ILMN_2406892	C19orf2	8725	0.9094	1.57E-95	-0.1718	1.77E-03	-0.1738	1.55E-03	0.0192	7.29E-01	0.0044	9.37E-01	-0.1311	1.74E-02	NO	
HNRPDL	ILMN_1730572	HNRPDL	9987	0.9091	1.69E-85	-0.1515	5.90E-03	-0.1195	3.02E-02	-0.0770	1.63E-01	0.1241	2.44E-02	-0.2039	1.97E-04	YES	
SCO1	ILMN_1728975	SCO1	6341	0.9084	1.32E-106	-0.1453	8.30E-03	-0.1830	8.56E-04	0.0062	9.10E-01	0.0273	6.22E-01	-0.1415	1.02E-02	NO	
SETMAR	ILMN_1682404	SETMAR	6419	0.9081	1.08E-110	-0.1133	4.00E-02	-0.1886	5.83E-04	-0.0377	4.96E-01	0.0882	1.10E-01	-0.1832	8.44E-04	NO	
C6ORF130	ILMN_1804834	C6orf130	221443	0.9080	1.89E-97	-0.1526	5.54E-03	-0.1480	7.18E-03	-0.0738	1.82E-01	0.0764	1.67E-01	-0.2159	7.87E-05	YES	
RAD51C	ILMN_2238928	RAD51C	5889	0.9078	1.89E-103	-0.1402	1.09E-02	-0.1823	8.94E-04	-0.1135	3.96E-02	0.0804	1.46E-01	-0.2750	4.04E-07	YES	
MCEE	ILMN_1735347	MCEE	84693	0.9075	1.13E-115	-0.1506	6.21E-03	-0.1934	4.20E-04	-0.0409	4.60E-01	-0.0011	9.83E-01	-0.2022	2.22E-04	YES	
NDUFB5	ILMN_1807397	NDUFB5	4711	0.9071	3.18E-86	-0.1386	1.18E-02	-0.1343	1.48E-02	-0.0995	7.15E-02	-0.0058	9.16E-01	-0.2328	2.00E-05	YES	
OSTC	ILMN_1776005	OSTC	58505	0.9063	3.07E-88	-0.1782	1.17E-03	-0.1838	8.07E-04	0.0096	8.62E-01	0.1623	3.15E-03	-0.1495	6.58E-03	NO	
LOC728564	ILMN_1771734	LOC728564	728564	0.9029	2.63E-70	-0.1226	2.62E-02	-0.1551	4.80E-03	-0.0616	2.65E-01	0.0723	1.91E-01	-0.1955	3.61E-04	NO	
FAM107B	ILMN_1758672	FAM107B	83641	0.9027	5.23E-98	-0.1205	2.89E-02	-0.1774	1.23E-03	-0.1172	3.36E-02	0.0162	7.69E-01	-0.2697	6.85E-07	YES	
RPAP3	ILMN_1766916	RPAP3	79657	0.9020	7.52E-75	-0.1486	6.94E-03	-0.1459	8.04E-03	-0.0121	8.27E-01	-0.0055	9.20E-01	-0.1434	9.17E-03	NO	
USP16	ILMN_2397231	USP16	10600	0.9015	1.94E-91	-0.1654	2.61E-03	-0.1123	4.18E-02	-0.1309	1.75E-02	0.0759	1.70E-01	-0.2659	9.97E-07	NO	
RPS29	ILMN_2415722	RPS29	6235	0.8999	2.43E-102	-0.1681	2.23E-03	-0.1536	5.24E-03	-0.0744	1.78E-01	-0.0293	5.96E-01	-0.2249	3.84E-05	YES	
PAK1IP1	ILMN_1726064	PAK1IP1	55003	0.8984	5.37E-123	-0.1313	1.72E-02	-0.1648	2.71E-03	-0.0786	1.55E-01	-0.0030	9.57E-01	-0.2230	4.50E-05	YES	
UPF3B	ILMN_1798163	UPF3B	65109	0.8971	1.28E-76	-0.1845	7.74E-04	-0.1688	2.13E-03	-0.0074	8.94E-01	-0.0119	8.30E-01	-0.1628	3.05E-03	YES	
WDR33	ILMN_1670172	WDR33	55339	0.8958	1.71E-115	-0.1748	1.46E-03	-0.1761	1.34E-03	-0.0206	7.09E-01	0.0403	4.66E-01	-0.1784	1.15E-03	NO	
SUMO1P3	ILMN_1732080	SUMO1P3	474338	0.8945	3.87E-108	-0.1337	1.52E-02	-0.1422	9.82E-03	-0.1361	1.35E-02	-0.0150	7.86E-01	-0.2768	3.36E-07	YES	
MYL12A	ILMN_1675848	MYL12A	10627	0.8943	2.12E-74	-0.1267	2.16E-02	-0.1846	7.68E-04	-0.0126	8.20E-01	0.1616	3.29E-03	-0.1572	4.26E-03	NO	
ZNF816A	ILMN_1728710	ZNF816A	125893	0.8923	8.75E-81	-0.1138	3.91E-02	-0.1685	2.16E-03	-0.0815	1.40E-01	0.1093	4.76E-02	-0.2222	4.80E-05	YES	
C17ORF61	ILMN_2201533	C17orf61	254863	0.8912	1.75E-82	-0.1586	3.93E-03	-0.1728	1.66E-03	-0.0410	4.59E-01	-0.0907	1.01E-01	-0.1941	4.00E-04	NO	

LOC642236	ILMN_1724230	LOC642236	642236	0.8911	9.95E-71	-0.1198	2.98E-02	-0.1661	2.51E-03	-0.1002	6.95E-02	0.1092	4.77E-02	-0.2442	7.47E-06	YES
NUP88	ILMN_1734826	NUP88	4927	0.8903	2.56E-72	-0.1453	8.32E-03	-0.1251	2.32E-02	0.0057	9.18E-01	-0.0322	5.61E-01	-0.1111	4.41E-02	NO
LOC391656	ILMN_1706117	LOC391656	391656	0.8901	1.52E-83	-0.1940	4.00E-04	-0.1822	8.99E-04	-0.0009	9.88E-01	0.0345	5.33E-01	-0.1660	2.52E-03	NO
RPP40	ILMN_1810423	RPP40	10799	0.8896	1.33E-109	-0.1690	2.10E-03	-0.1750	1.44E-03	-0.0424	4.43E-01	-0.0348	5.29E-01	-0.2006	2.51E-04	YES
ZNF26	ILMN_1691798	ZNF26	7574	0.8893	6.52E-105	-0.1602	3.56E-03	-0.1366	1.32E-02	-0.0657	2.35E-01	0.0577	2.97E-01	-0.2032	2.06E-04	YES
UPRT	ILMN_2154101	UPRT	139596	0.8887	3.87E-105	-0.1369	1.29E-02	-0.1536	5.23E-03	-0.0533	3.35E-01	0.0854	1.22E-01	-0.1903	5.21E-04	NO
LOC389787	ILMN_1665823	LOC389787	389787	0.8884	9.01E-89	-0.1661	2.52E-03	-0.1657	2.57E-03	-0.0998	7.07E-02	-0.0721	1.92E-01	-0.2595	1.83E-06	YES
VPS29	ILMN_1704619	VPS29	51699	0.8879	5.70E-80	-0.1660	2.53E-03	-0.2018	2.29E-04	-0.0265	6.31E-01	0.0939	8.91E-02	-0.1959	3.51E-04	NO
C17ORF45	ILMN_1719224	C17orf45	125144	0.8868	5.67E-67	-0.1364	1.33E-02	-0.1528	5.48E-03	-0.0055	9.21E-01	0.0348	5.30E-01	-0.1355	1.39E-02	NO
LOC93622	ILMN_1797181	LOC93622	93622	0.8852	1.96E-86	-0.1273	2.09E-02	-0.1430	9.38E-03	-0.0708	2.00E-01	-0.0308	5.78E-01	-0.2011	2.41E-04	YES
RPL41	ILMN_2331890	RPL41	6171	0.8843	4.11E-89	-0.1284	1.98E-02	-0.1506	6.19E-03	-0.1190	3.09E-02	-0.0418	4.50E-01	-0.2602	1.72E-06	YES
RPS13	ILMN_1777344	RPS13	6207	0.8841	4.31E-92	-0.1372	1.27E-02	-0.1489	6.81E-03	-0.0767	1.65E-01	0.1773	1.24E-03	-0.2143	8.92E-05	YES
CCDC90B	ILMN_2232166	CCDC90B	60492	0.8835	8.03E-96	-0.1582	4.03E-03	-0.1606	3.50E-03	0.0146	7.92E-01	0.0010	9.86E-01	-0.1244	2.40E-02	NO
CDC26	ILMN_2210837	CDC26	246184	0.8834	2.68E-83	-0.0782	1.57E-01	-0.1248	2.36E-02	-0.0966	8.02E-02	0.0410	4.58E-01	-0.2035	2.02E-04	YES
LOC728492	ILMN_1655444	LOC728492	728492	0.8830	8.59E-73	-0.1329	1.58E-02	-0.1717	1.77E-03	-0.0432	4.35E-01	0.2568	2.36E-06	-0.1872	6.44E-04	NO
MS4A6A	ILMN_1721035	MS4A6A	64231	0.8823	4.73E-89	-0.1697	2.02E-03	-0.1474	7.42E-03	-0.0435	4.32E-01	0.1444	8.70E-03	-0.1871	6.46E-04	NO
UTP11L	ILMN_2130838	UTP11L	51118	0.8808	4.74E-86	-0.1257	2.26E-02	-0.1693	2.06E-03	-0.0484	3.81E-01	0.0036	9.48E-01	-0.1893	5.59E-04	NO
EXOSC1	ILMN_2396648	EXOSC1	51013	0.8803	8.85E-92	-0.0998	7.07E-02	-0.1520	5.75E-03	-0.0898	1.04E-01	0.0610	2.70E-01	-0.2178	6.80E-05	YES
ATG4C	ILMN_1700923	ATG4C	84938	0.8801	1.39E-74	-0.1358	1.37E-02	-0.1505	6.23E-03	-0.0229	6.79E-01	-0.0352	5.24E-01	-0.1538	5.18E-03	NO
NAP1L4	ILMN_1804327	NAP1L4	4676	0.8773	3.14E-73	-0.1840	8.01E-04	-0.1388	1.17E-02	-0.0239	6.66E-01	0.0081	8.83E-01	-0.1653	2.63E-03	NO
TPT1	ILMN_1789614	TPT1	7178	0.8773	1.21E-100	-0.1472	7.48E-03	-0.2002	2.57E-04	-0.1525	5.59E-03	0.1040	5.96E-02	-0.3311	7.37E-10	YES
LOC643284	ILMN_1739263	LOC643284	643284	0.8767	2.44E-79	-0.1360	1.35E-02	-0.1441	8.85E-03	-0.0400	4.70E-01	-0.0812	1.42E-01	-0.1697	2.00E-03	YES
KATNA1	ILMN_2198393	KATNA1	11104	0.8758	2.27E-84	-0.1240	2.44E-02	-0.1799	1.05E-03	0.0113	8.39E-01	0.1463	7.87E-03	-0.1267	2.15E-02	NO
BEX2	ILMN_2181892	BEX2	84707	0.8744	6.32E-106	-0.1643	2.80E-03	-0.1483	7.06E-03	-0.1465	7.76E-03	0.1271	2.11E-02	-0.3025	2.17E-08	YES
PARL	ILMN_2341467	PARL	55486	0.8741	4.78E-77	-0.1997	2.67E-04	-0.1718	1.76E-03	0.0505	3.62E-01	0.0564	3.07E-01	-0.1043	5.89E-02	NO
LOC644162	ILMN_1691402	LOC644162	644162	0.8740	1.67E-104	-0.1685	2.16E-03	-0.1891	5.64E-04	-0.0490	3.76E-01	-0.0512	3.54E-01	-0.2154	8.23E-05	YES
MPHOSPH10	ILMN_1652085	MPHOSPH10	10199	0.8740	2.57E-87	-0.1141	3.85E-02	-0.1591	3.82E-03	-0.0984	7.46E-02	0.1562	4.52E-03	-0.2364	1.47E-05	YES
CD48	ILMN_2061043	CD48	962	0.8728	2.78E-102	-0.1780	1.19E-03	-0.1749	1.45E-03	-0.0840	1.29E-01	-0.0351	5.26E-01	-0.2506	4.18E-06	YES
MRPL11	ILMN_2316540	MRPL11	65003	0.8727	1.21E-78	-0.1114	4.35E-02	-0.1854	7.24E-04	-0.1374	1.26E-02	0.0340	5.39E-01	-0.2937	5.72E-08	YES
TBCE	ILMN_1725183	TBCE	6905	0.8712	3.63E-81	-0.1347	1.45E-02	-0.1527	5.52E-03	-0.0944	8.75E-02	0.0827	1.34E-01	-0.2355	1.59E-05	YES
PSMB1	ILMN_1789176	PSMB1	5689	0.8699	5.73E-102	-0.1471	7.51E-03	-0.1595	3.71E-03	-0.0567	3.06E-01	0.0537	3.31E-01	-0.2008	2.47E-04	YES
LOC648210	ILMN_1661346	LOC648210	648210	0.8693	8.99E-75	-0.1431	9.36E-03	-0.1310	1.74E-02	-0.0854	1.22E-01	0.1201	2.94E-02	-0.2167	7.43E-05	YES
CD86	ILMN_1782560	CD86	942	0.8686	2.19E-65	-0.0773	1.62E-01	-0.1477	7.29E-03	0.0198	7.21E-01	0.0381	4.91E-01	-0.0837	1.30E-01	NO
SNRNP27	ILMN_2069945	SNRNP27	11017	0.8686	9.02E-74	-0.1702	1.95E-03	-0.1577	4.14E-03	0.0148	7.89E-01	0.0727	1.88E-01	-0.1268	2.14E-02	NO
DYRK4	ILMN_1681269	DYRK4	8798	0.8683	4.47E-60	-0.1592	3.78E-03	-0.1441	8.85E-03	0.0215	6.97E-01	0.0787	1.54E-01	-0.1082	4.99E-02	NO
TRIP4	ILMN_1661173	TRIP4	9325	0.8670	9.61E-99	-0.1782	1.17E-03	-0.1885	5.90E-04	-0.0316	5.68E-01	-0.0481	3.85E-01	-0.1986	2.88E-04	NO
CACYBP	ILMN_1726574	CACYBP	27101	0.8665	1.37E-96	-0.1245	2.40E-02	-0.1534	5.31E-03	-0.0574	2.99E-01	0.0831	1.33E-01	-0.1904	5.15E-04	NO
LOC727761	ILMN_1716445	LOC727761	727761	0.8652	5.76E-94	-0.1306	1.78E-02	-0.1678	2.26E-03	-0.0431	4.36E-01	0.0985	7.44E-02	-0.1841	7.91E-04	NO
ZNF277	ILMN_1681628	ZNF277	11179	0.8646	2.08E-90	-0.0808	1.44E-01	-0.1600	3.61E-03	-0.1353	1.41E-02	0.1532	5.35E-03	-0.2671	8.87E-07	YES
GPX7	ILMN_1726030	GPX7	2882	0.8632	8.35E-70	-0.1096	4.69E-02	-0.0904	1.02E-01	-0.1527	5.50E-03	0.0712	1.98E-01	-0.2595	1.83E-06	YES
C12ORF31	ILMN_2122176	C12orf31	84298	0.8631	1.61E-64	-0.0775	1.61E-01	-0.1831	8.50E-04	-0.0714	1.96E-01	0.0284	6.08E-01	-0.2060	1.68E-04	YES
CEBPZ	ILMN_1744147	CEBPZ	10153	0.8630	5.58E-61	-0.0650	2.40E-01	-0.1494	6.65E-03	-0.0510	3.56E-01	0.0399	4.71E-01	-0.1605	3.52E-03	NO
ACP1	ILMN_1669633	ACP1	52	0.8619	3.85E-69	-0.0655	2.36E-01	-0.1514	5.92E-03	-0.1584	3.98E-03	0.0147	7.91E-01	-0.2833	1.73E-07	YES
ACAT2	ILMN_1708672	ACAT2	39	0.8601	5.15E-82	-0.1294	1.89E-02	-0.0989	7.34E-02	-0.1701	1.96E-03	0.1927	4.39E-04	-0.2905	8.06E-08	YES
PPP2R5C	ILMN_1789283	PPP2R5C	5527	0.8599	7.85E-112	-0.0871	1.15E-01	-0.1672	2.34E-03	-0.2156	8.05E-05	-0.0712	1.98E-01	-0.3642	9.40E-12	YES
C21ORF51	ILMN_2356311	C21orf51	54065	0.8594	8.11E-77	-0.1424	9.68E-03	-0.1614	3.32E-03	-0.0920	9.59E-02	-0.0007	9.90E-01	-0.2402	1.06E-05	YES

TTF1	ILMN_1713129	TTF1	7270	0.8574	1.10E-82	-0.1490	6.79E-03	-0.1402	1.09E-02	-0.1565	4.45E-03	0.0035	9.50E-01	-0.3041	1.82E-08	YES
RQCD1	ILMN_2044085	RQCD1	9125	0.8566	2.21E-71	-0.1548	4.89E-03	-0.1677	2.28E-03	0.0904	1.01E-01	0.0184	7.40E-01	-0.0412	4.57E-01	NO
MSH6	ILMN_1729051	MSH6	2956	0.8564	1.11E-72	-0.1567	4.38E-03	-0.1615	3.30E-03	0.0962	8.16E-02	0.1292	1.91E-02	-0.0321	5.62E-01	NO
SIP1	ILMN_2344002	SIP1	8487	0.8550	3.76E-97	-0.1443	8.79E-03	-0.1475	7.37E-03	-0.0572	3.01E-01	0.0837	1.30E-01	-0.1939	4.04E-04	NO
EEF1B2	ILMN_1701930	EEF1B2	1933	0.8533	5.94E-87	-0.1190	3.10E-02	-0.1732	1.61E-03	-0.0818	1.39E-01	-0.1168	3.43E-02	-0.2269	3.27E-05	YES
PDCL3	ILMN_1702806	PDCL3	79031	0.8526	7.99E-93	-0.1247	2.37E-02	-0.2067	1.60E-04	-0.1100	4.62E-02	0.0672	2.24E-01	-0.2787	2.77E-07	YES
LOC643357	ILMN_1760338	LOC643357	643357	0.8526	1.20E-90	-0.1617	3.27E-03	-0.1471	7.55E-03	-0.1192	3.07E-02	-0.0936	9.02E-02	-0.2700	6.67E-07	YES
LOC390466	ILMN_1665781	LOC390466	390466	0.8517	2.81E-67	-0.1450	8.45E-03	-0.1652	2.65E-03	-0.0634	2.51E-01	0.1170	3.40E-02	-0.2108	1.17E-04	YES
BCCIP	ILMN_1811188	BCCIP	56647	0.8503	2.71E-68	-0.1856	7.16E-04	-0.0924	9.43E-02	-0.0661	2.32E-01	-0.0009	9.88E-01	-0.1888	5.77E-04	NO
MYB	ILMN_1711894	MYB	4602	0.8501	1.74E-71	-0.0994	7.19E-02	-0.1586	3.92E-03	-0.0908	1.00E-01	-0.0024	9.66E-01	-0.2224	4.72E-05	YES
FLJ39653	ILMN_1666633	FLJ39653	202020	0.8501	2.22E-92	-0.1108	4.45E-02	-0.1740	1.54E-03	-0.1400	1.10E-02	0.0989	7.34E-02	-0.2904	8.18E-08	YES
NOL7	ILMN_1803853	NOL7	51406	0.8494	2.03E-109	-0.1660	2.52E-03	-0.1468	7.66E-03	-0.1713	1.82E-03	0.2476	5.52E-06	-0.3303	8.14E-10	YES
DDX1	ILMN_2182750	DDX1	1653	0.8492	8.11E-80	-0.0993	7.19E-02	-0.1178	3.27E-02	-0.1693	2.06E-03	0.1141	3.85E-02	-0.2894	9.12E-08	YES
FAM133B	ILMN_2405233	FAM133B	257415	0.8489	3.82E-93	-0.1506	6.19E-03	-0.1431	9.36E-03	-0.1153	3.66E-02	0.0559	3.12E-01	-0.2596	1.82E-06	YES
ARMET	ILMN_2183510	ARMET	7873	0.8487	2.15E-60	-0.1162	3.51E-02	-0.1747	1.47E-03	-0.0590	2.86E-01	0.1848	7.59E-04	-0.2008	2.46E-04	YES
ST13	ILMN_1765204	ST13	6767	0.8485	1.33E-74	-0.1150	3.70E-02	-0.1400	1.10E-02	-0.1631	3.01E-03	-0.0379	4.93E-01	-0.2997	2.97E-08	YES
GSTO1	ILMN_2227573	GSTO1	9446	0.8484	2.57E-65	-0.1363	1.33E-02	-0.1558	4.61E-03	-0.0373	5.00E-01	-0.0724	1.90E-01	-0.1731	1.62E-03	NO
SELS	ILMN_1787680	SELS	55829	0.8470	5.39E-77	-0.1240	2.45E-02	-0.1756	1.39E-03	0.0045	9.35E-01	0.0245	6.58E-01	-0.1321	1.65E-02	NO
HSPA8	ILMN_2413084	HSPA8	3312	0.8469	5.29E-75	-0.1478	7.24E-03	-0.1561	4.55E-03	0.0583	2.92E-01	0.0425	4.43E-01	-0.0690	2.12E-01	NO
FAM136A	ILMN_1655307	FAM136A	84908	0.8448	2.33E-76	-0.1468	7.66E-03	-0.1455	8.22E-03	-0.1066	5.34E-02	0.1170	3.38E-02	-0.2497	4.54E-06	YES
RPS21	ILMN_1800573	RPS21	6227	0.8448	2.52E-65	-0.1343	1.48E-02	-0.1828	8.66E-04	-0.0047	9.33E-01	0.0753	1.73E-01	-0.1499	6.45E-03	NO
SH2D1A	ILMN_1705892	SH2D1A	4068	0.8447	4.89E-62	-0.1517	5.84E-03	-0.1222	2.66E-02	-0.0421	4.47E-01	0.0452	4.14E-01	-0.1658	2.55E-03	NO
ARID4B	ILMN_2269564	ARID4B	51742	0.8438	1.08E-71	-0.0703	2.03E-01	-0.1371	1.28E-02	-0.1240	2.45E-02	-0.0061	9.13E-01	-0.2384	1.24E-05	NO
PDCD2	ILMN_1758915	PDCD2	5134	0.8436	3.87E-81	-0.1675	2.30E-03	-0.1779	1.19E-03	-0.0452	4.13E-01	0.0805	1.45E-01	-0.2048	1.84E-04	NO
TIGA1	ILMN_1654609	TIGA1	114915	0.8421	3.55E-66	-0.1388	1.17E-02	-0.1216	2.74E-02	-0.0558	3.13E-01	-0.0164	7.66E-01	-0.1765	1.30E-03	NO
CRBN	ILMN_1668582	CRBN	51185	0.8411	6.78E-89	-0.1224	2.64E-02	-0.1338	1.52E-02	-0.2268	3.29E-05	0.2389	1.18E-05	-0.3711	3.53E-12	YES
PSMD10	ILMN_1776102	PSMD10	5716	0.8389	2.46E-84	-0.1971	3.22E-04	-0.1530	5.41E-03	-0.0714	1.97E-01	0.1339	1.51E-02	-0.2313	2.27E-05	YES
PNRC2	ILMN_2147306	PNRC2	55629	0.8372	2.82E-68	-0.1687	2.14E-03	-0.0831	1.33E-01	-0.0445	4.21E-01	-0.0230	6.78E-01	-0.1535	5.28E-03	NO
RFC4	ILMN_2370365	RFC4	5984	0.8370	2.72E-76	-0.1123	4.19E-02	-0.1203	2.91E-02	-0.0518	3.49E-01	0.2047	1.85E-04	-0.1622	3.18E-03	NO
SERF1B	ILMN_1655011	SERF1B	728492	0.8350	3.64E-84	-0.2048	1.84E-04	-0.1449	8.47E-03	-0.0767	1.65E-01	0.0197	7.22E-01	-0.2356	1.57E-05	YES
MS4A6A	ILMN_2359800	MS4A6A	64231	0.8345	7.85E-60	-0.1994	2.72E-04	-0.1393	1.14E-02	0.0468	3.97E-01	0.0995	7.14E-02	-0.0909	9.99E-02	NO
ZNF302	ILMN_2307450	ZNF302	55900	0.8343	1.09E-81	-0.1346	1.45E-02	-0.1667	2.42E-03	-0.1308	1.76E-02	0.0421	4.46E-01	-0.2843	1.56E-07	YES
LOC646766	ILMN_1775243	LOC646766	646766	0.8335	3.40E-78	-0.1167	3.43E-02	-0.1242	2.43E-02	-0.0440	4.27E-01	0.1014	6.63E-02	-0.1569	4.34E-03	YES
LOC728973	ILMN_1685378	LOC728973	728973	0.8329	5.10E-102	-0.1097	4.67E-02	-0.1481	7.13E-03	-0.2095	1.29E-04	-0.0888	1.08E-01	-0.3548	3.43E-11	YES
LOC646630	ILMN_1691449	LOC646630	646630	0.8325	2.16E-62	-0.0971	7.86E-02	-0.1783	1.17E-03	-0.0677	2.21E-01	-0.0621	2.62E-01	-0.2059	1.69E-04	YES
ICOS	ILMN_1669927	ICOS	29851	0.8322	1.09E-66	-0.1573	4.24E-03	-0.1673	2.32E-03	-0.0441	4.25E-01	0.1224	2.64E-02	-0.1942	3.95E-04	NO
C8ORF40	ILMN_1677385	C8orf40	114926	0.8321	1.45E-78	-0.1813	9.58E-04	-0.2016	2.33E-04	-0.1065	5.37E-02	0.1496	6.57E-03	-0.2916	7.20E-08	YES
FAM18B	ILMN_1661593	FAM18B	51030	0.8297	1.16E-75	-0.1857	7.12E-04	-0.1888	5.78E-04	0.0695	2.08E-01	-0.0832	1.32E-01	-0.0869	1.16E-01	NO
GZMA	ILMN_1779324	GZMA	3001	0.8277	2.81E-96	-0.1568	4.36E-03	-0.1342	1.48E-02	-0.0591	2.85E-01	0.2643	1.16E-06	-0.1933	4.22E-04	NO
ZNF22	ILMN_1798533	ZNF22	7570	0.8266	1.77E-60	-0.1155	3.63E-02	-0.1890	5.69E-04	-0.0656	2.36E-01	0.1628	3.06E-03	-0.2157	8.02E-05	NO
DCUN1D5	ILMN_1726839	DCUN1D5	84259	0.8252	4.58E-72	-0.0813	1.41E-01	-0.1653	2.63E-03	-0.1854	7.25E-04	0.1291	1.92E-02	-0.3269	1.25E-09	YES
BTLA	ILMN_1778536	BTLA	151888	0.8240	3.28E-83	-0.1788	1.13E-03	-0.1915	4.77E-04	0.0197	7.22E-01	0.0553	3.17E-01	-0.1425	9.67E-03	NO
TMEM126B	ILMN_2145518	TMEM126B	55863	0.8239	5.39E-78	-0.1111	4.40E-02	-0.1090	4.82E-02	-0.0954	8.41E-02	-0.0280	6.13E-01	-0.2051	1.80E-04	YES
SNX2	ILMN_1691575	SNX2	6643	0.8223	1.90E-73	-0.1320	1.66E-02	-0.1537	5.20E-03	0.0322	5.61E-01	0.0342	5.36E-01	-0.0918	9.65E-02	NO
RPL35	ILMN_2142815	RPL35	11224	0.8215	5.63E-84	-0.1996	2.70E-04	-0.1486	6.92E-03	-0.0885	1.09E-01	-0.1130	4.05E-02	-0.2492	4.77E-06	YES
DNAJC15	ILMN_1812666	DNAJC15	29103	0.8214	4.78E-57	-0.0933	9.11E-02	-0.1424	9.68E-03	-0.1161	3.53E-02	0.0911	9.91E-02	-0.2403	1.05E-05	NO

HYLS1	ILMN_1747078	HYLS1	219844	0.8200	2.26E-78	-0.1473	7.45E-03	-0.1893	5.55E-04	-0.0689	2.12E-01	0.0180	7.46E-01	-0.2307	2.38E-05	YES
SCFD1	ILMN_1800543	SCFD1	23256	0.8190	1.86E-51	-0.1406	1.07E-02	-0.0744	1.78E-01	-0.0489	3.77E-01	0.0544	3.25E-01	-0.1440	8.89E-03	NO
RPS18	ILMN_1753534	RPS18	6222	0.8183	1.83E-65	-0.0983	7.51E-02	-0.1347	1.45E-02	-0.0959	8.23E-02	-0.0665	2.29E-01	-0.2150	8.45E-05	YES
RPL39	ILMN_1737015	RPL39	6170	0.8182	1.20E-90	-0.0962	8.13E-02	-0.1308	1.76E-02	-0.2268	3.29E-05	0.1371	1.28E-02	-0.3604	1.58E-11	YES
RNF219	ILMN_2070210	RNF219	79596	0.8161	8.66E-67	-0.1697	2.01E-03	-0.1855	7.22E-04	0.0183	7.41E-01	0.0314	5.71E-01	-0.1377	1.24E-02	NO
CCT6A	ILMN_1722502	CCT6A	908	0.8156	6.38E-83	-0.1760	1.35E-03	-0.1922	4.56E-04	-0.1110	4.43E-02	-0.0120	8.29E-01	-0.2898	8.70E-08	YES
THOC3	ILMN_2415926	THOC3	84321	0.8145	2.38E-61	-0.1600	3.62E-03	-0.1423	9.77E-03	-0.0236	6.70E-01	-0.0126	8.20E-01	-0.1585	3.94E-03	NO
TXNDC12	ILMN_1783753	TXNDC12	51060	0.8138	2.04E-88	-0.1005	6.88E-02	-0.1470	7.55E-03	-0.1755	1.39E-03	0.1198	2.99E-02	-0.3126	6.90E-09	YES
CMAS	ILMN_1714082	CMAS	55907	0.8138	6.82E-89	-0.1590	3.83E-03	-0.1980	3.02E-04	-0.0559	3.12E-01	-0.0154	7.81E-01	-0.2247	3.92E-05	YES
RPL30	ILMN_1754303	RPL30	6156	0.8136	2.11E-57	-0.1267	2.15E-02	-0.1308	1.77E-02	-0.0265	6.32E-01	0.0945	8.71E-02	-0.1441	8.86E-03	NO
PRDX4	ILMN_2222234	PRDX4	10549	0.8133	7.66E-94	-0.1555	4.71E-03	-0.1500	6.41E-03	-0.1343	1.48E-02	-0.0194	7.26E-01	-0.2865	1.24E-07	YES
MUTED	ILMN_1776352	MUTED	63915	0.8124	2.03E-54	-0.1088	4.87E-02	-0.1429	9.46E-03	-0.1172	3.36E-02	0.1394	1.14E-02	-0.2471	5.73E-06	YES
CRYZL1	ILMN_1762115	CRYZL1	9946	0.8117	1.55E-62	-0.1154	3.64E-02	-0.0836	1.30E-01	-0.1206	2.87E-02	0.2654	1.05E-06	-0.2214	5.08E-05	YES
MRPL32	ILMN_1749432	MRPL32	64983	0.8108	5.58E-72	-0.1165	3.47E-02	-0.1926	4.42E-04	-0.1981	2.99E-04	0.0233	6.73E-01	-0.3682	5.35E-12	YES
HINT1	ILMN_1807710	HINT1	3094	0.8102	4.66E-75	-0.1353	1.40E-02	-0.1358	1.37E-02	-0.0509	3.57E-01	0.1297	1.86E-02	-0.1774	1.23E-03	NO
CHCHD7	ILMN_1744138	CHCHD7	79145	0.8101	6.23E-62	-0.1299	1.84E-02	-0.1856	7.15E-04	-0.0921	9.54E-02	0.1407	1.06E-02	-0.2490	4.86E-06	YES
ATP5F1	ILMN_1672191	ATP5F1	515	0.8088	4.74E-76	-0.1168	3.42E-02	-0.1134	3.98E-02	-0.1522	5.68E-03	0.1329	1.59E-02	-0.2737	4.61E-07	YES
C15ORF57	ILMN_1811264	C15orf57	90416	0.8087	2.16E-54	-0.0926	9.36E-02	-0.1409	1.05E-02	-0.1057	5.54E-02	0.0306	5.80E-01	-0.2274	3.12E-05	YES
ATPAF1	ILMN_1790603	ATPAF1	64756	0.8076	1.85E-46	-0.1125	4.15E-02	-0.1826	8.77E-04	0.0155	7.80E-01	0.0778	1.59E-01	-0.1194	3.03E-02	NO
KIAA0020	ILMN_1665483	KIAA0020	9933	0.8074	9.55E-55	-0.1495	6.60E-03	-0.0949	8.57E-02	-0.0980	7.59E-02	0.0907	1.01E-01	-0.2138	9.32E-05	NO
CCNB1IP1	ILMN_1752394	CCNB1IP1	57820	0.8066	1.09E-61	-0.1319	1.67E-02	-0.1491	6.74E-03	-0.1002	6.94E-02	0.1567	4.37E-03	-0.2393	1.15E-05	YES
RARS	ILMN_1751378	RARS	5917	0.8065	3.61E-55	-0.1567	4.37E-03	-0.1520	5.74E-03	-0.0192	7.28E-01	0.0102	8.54E-01	-0.1577	4.14E-03	NO
SEC11C	ILMN_1701681	SEC11C	90701	0.8064	1.07E-48	-0.1320	1.66E-02	-0.1550	4.82E-03	-0.0347	5.30E-01	0.0756	1.71E-01	-0.1683	2.20E-03	NO
LOC647361	ILMN_1652230	LOC647361	647361	0.8047	9.87E-57	-0.1209	2.83E-02	-0.1182	3.21E-02	-0.0128	8.17E-01	0.0801	1.47E-01	-0.1198	2.98E-02	NO
C3ORF10	ILMN_1764500	C3orf10	55845	0.8045	1.17E-64	-0.1858	7.06E-04	-0.2112	1.13E-04	-0.0305	5.81E-01	0.0571	3.02E-01	-0.2124	1.04E-04	YES
UQCRC2	ILMN_1718853	UQCRC2	7385	0.8038	2.03E-79	-0.1464	7.81E-03	-0.1129	4.06E-02	-0.1879	6.15E-04	-0.0019	9.73E-01	-0.3241	1.74E-09	YES
HMGB2	ILMN_1654268	HMGB2	3148	0.8023	2.44E-63	-0.1901	5.29E-04	-0.1507	6.16E-03	0.0817	1.39E-01	0.2211	5.24E-05	-0.0543	3.26E-01	NO
PHF5A	ILMN_2112402	PHF5A	84844	0.7997	5.31E-49	-0.1084	4.94E-02	-0.1250	2.33E-02	-0.0160	7.73E-01	-0.0863	1.18E-01	-0.1228	2.60E-02	NO
SMC3	ILMN_1718807	SMC3	9126	0.7980	7.15E-75	-0.1180	3.24E-02	-0.1838	8.08E-04	-0.1272	2.10E-02	0.1217	2.74E-02	-0.2836	1.68E-07	YES
GPR18	ILMN_1780368	GPR18	2841	0.7980	3.29E-65	-0.0617	2.64E-01	-0.1486	6.93E-03	-0.1425	9.66E-03	-0.0028	9.60E-01	-0.2625	1.38E-06	YES
RPS15A	ILMN_1787949	RPS15A	6210	0.7956	1.14E-59	-0.1327	1.60E-02	-0.1887	5.81E-04	-0.0444	4.22E-01	0.1334	1.55E-02	-0.1976	3.11E-04	NO
PRIM1	ILMN_2210129	PRIM1	5557	0.7938	4.81E-57	-0.1206	2.87E-02	-0.1459	8.06E-03	0.0277	6.16E-01	-0.0565	3.07E-01	-0.0886	1.09E-01	NO
MGAT4A	ILMN_1755643	MGAT4A	11320	0.7930	1.20E-68	-0.1357	1.38E-02	-0.1245	2.39E-02	0.0442	4.24E-01	-0.0660	2.32E-01	-0.0637	2.49E-01	NO
CRYZ	ILMN_1672389	CRYZ	1429	0.7919	7.88E-61	-0.1064	5.37E-02	-0.1654	2.62E-03	-0.1315	1.70E-02	-0.0851	1.23E-01	-0.2746	4.19E-07	YES
CCNB1IP1	ILMN_2347349	CCNB1IP1	57820	0.7914	1.03E-55	-0.1053	5.64E-02	-0.1312	1.73E-02	-0.1033	6.14E-02	0.1239	2.47E-02	-0.2239	4.19E-05	YES
RPS10	ILMN_1686954	RPS10	6204	0.7864	1.28E-79	-0.1637	2.90E-03	-0.1008	6.78E-02	-0.1740	1.53E-03	0.0695	2.09E-01	-0.3079	1.18E-08	YES
PPP2R5C	ILMN_2364971	PPP2R5C	5527	0.7859	2.05E-55	-0.1582	4.02E-03	-0.1430	9.41E-03	-0.0176	7.50E-01	-0.0389	4.82E-01	-0.1515	5.88E-03	NO
CCNH	ILMN_1742250	CCNH	902	0.7852	1.09E-62	-0.1541	5.10E-03	-0.1172	3.36E-02	-0.1322	1.64E-02	0.0878	1.12E-01	-0.2660	9.82E-07	YES
LOC441246	ILMN_1788742	LOC441246	441246	0.7847	1.77E-63	-0.0847	1.25E-01	-0.1519	5.77E-03	-0.0927	9.33E-02	0.0517	3.50E-01	-0.2158	7.93E-05	YES
RPL4	ILMN_1752285	RPL4	6124	0.7841	1.07E-80	-0.1485	6.97E-03	-0.1272	2.11E-02	-0.1650	2.68E-03	-0.0407	4.62E-01	-0.3066	1.36E-08	YES
TCEB1	ILMN_2066020	TCEB1	6921	0.7825	3.73E-71	-0.1583	3.99E-03	-0.2137	9.34E-05	-0.1037	6.02E-02	0.1512	5.99E-03	-0.2871	1.16E-07	YES
ZNF622	ILMN_1776109	ZNF622	90441	0.7821	9.31E-62	-0.0607	2.72E-01	-0.1545	4.97E-03	-0.0580	2.94E-01	0.1482	7.08E-03	-0.1697	2.01E-03	NO
PARL	ILMN_2257665	PARL	55486	0.7817	1.37E-60	-0.1730	1.63E-03	-0.1356	1.38E-02	0.0264	6.33E-01	0.1570	4.30E-03	-0.1029	6.24E-02	NO
UBE2V2	ILMN_1770515	UBE2V2	7336	0.7813	5.57E-49	-0.0579	2.95E-01	-0.1439	8.94E-03	-0.0793	1.51E-01	0.0220	6.91E-01	-0.1872	6.45E-04	NO
SEC11A	ILMN_1693490	SEC11A	23478	0.7812	3.00E-57	-0.2379	1.29E-05	-0.1374	1.26E-02	0.0123	8.25E-01	0.0242	6.62E-01	-0.1423	9.75E-03	NO
TRAT1	ILMN_1684943	TRAT1	50852	0.7793	1.22E-46	-0.0364	5.11E-01	-0.1520	5.75E-03	-0.1369	1.30E-02	0.0168	7.61E-01	-0.2492	4.77E-06	YES

STX8	ILMN_1752895	STX8	9482	0.7793	9.44E-50	-0.0991	7.27E-02	-0.1001	6.99E-02	-0.0560	3.11E-01	0.0585	2.90E-01	-0.1515	5.91E-03	NO
CWF19L2	ILMN_1668498	CWF19L2	143884	0.7788	7.63E-58	-0.2223	4.74E-05	-0.1542	5.05E-03	0.0286	6.05E-01	0.0604	2.74E-01	-0.1275	2.08E-02	NO
RPS27	ILMN_2160819	RPS27	6232	0.7788	4.76E-50	-0.0267	6.29E-01	-0.1274	2.08E-02	-0.1831	8.47E-04	-0.0076	8.91E-01	-0.2850	1.44E-07	YES
PARK7	ILMN_1744713	PARK7	11315	0.7775	3.79E-49	-0.1604	3.54E-03	-0.1616	3.28E-03	0.0193	7.27E-01	0.0685	2.15E-01	-0.1205	2.89E-02	NO
TMEM14C	ILMN_1657857	TMEM14C	51522	0.7758	2.37E-53	-0.1072	5.21E-02	-0.0998	7.07E-02	-0.1219	2.71E-02	0.0693	2.10E-01	-0.2287	2.80E-05	YES
ABHD10	ILMN_1770031	ABHD10	55347	0.7758	1.05E-76	-0.2034	2.04E-04	-0.1570	4.30E-03	0.0417	4.51E-01	0.1873	6.40E-04	-0.1075	5.13E-02	NO
SR140	ILMN_2286334	SR140	23350	0.7757	8.13E-57	-0.2338	1.83E-05	-0.1426	9.57E-03	0.0459	4.07E-01	0.0963	8.12E-02	-0.1056	5.56E-02	NO
CCDC25	ILMN_1789266	CCDC25	55246	0.7738	1.91E-51	-0.1455	8.22E-03	-0.1143	3.82E-02	-0.0747	1.77E-01	0.0889	1.08E-01	-0.1964	3.40E-04	NO
CHCHD4	ILMN_1813938	CHCHD4	131474	0.7738	1.53E-42	-0.1475	7.38E-03	-0.0825	1.36E-01	0.0018	9.75E-01	0.1178	3.27E-02	-0.0934	9.08E-02	NO
KBTBD8	ILMN_1716272	KBTBD8	84541	0.7731	9.08E-58	-0.1384	1.20E-02	-0.0851	1.23E-01	-0.1185	3.17E-02	0.1799	1.05E-03	-0.2279	3.02E-05	YES
HSPA4	ILMN_2395043	HSPA4	3308	0.7718	1.24E-43	-0.1134	3.98E-02	-0.1390	1.16E-02	-0.0072	8.97E-01	0.0655	2.36E-01	-0.1220	2.69E-02	NO
C8ORF59	ILMN_1653205	C8orf59	401466	0.7713	2.71E-59	-0.1039	5.98E-02	-0.1223	2.66E-02	-0.1617	3.28E-03	0.1165	3.47E-02	-0.2847	1.49E-07	YES
EIF2A	ILMN_1733305	EIF2A	83939	0.7710	1.70E-58	-0.0609	2.71E-01	-0.0945	8.70E-02	-0.1688	2.12E-03	-0.0594	2.83E-01	-0.2630	1.31E-06	YES
FXR1	ILMN_2389273	FXR1	8087	0.7709	3.38E-53	-0.2178	6.79E-05	-0.1710	1.85E-03	0.0143	7.96E-01	-0.0631	2.53E-01	-0.1511	6.04E-03	NO
COMMD10	ILMN_1766505	COMMD10	51397	0.7691	3.75E-49	-0.0993	7.20E-02	-0.1300	1.83E-02	-0.0358	5.17E-01	0.0920	9.57E-02	-0.1448	8.55E-03	NO
LOC642197	ILMN_1783469	LOC642197	642197	0.7689	3.05E-55	-0.1518	5.78E-03	-0.1211	2.81E-02	-0.0126	8.20E-01	0.0597	2.80E-01	-0.1319	1.67E-02	NO
TPT1	ILMN_2094718	TPT1	7178	0.7688	2.04E-58	-0.0858	1.20E-01	-0.1141	3.87E-02	-0.1336	1.53E-02	0.1102	4.58E-02	-0.2422	8.87E-06	YES
RPS3A	ILMN_2139943	RPS3A	6189	0.7687	5.27E-47	-0.0671	2.25E-01	-0.0420	4.47E-01	-0.1334	1.54E-02	0.0331	5.49E-01	-0.1970	3.26E-04	NO
PIK3R1	ILMN_1760303	PIK3R1	5295	0.7650	3.12E-53	-0.0960	8.21E-02	-0.1659	2.54E-03	-0.1575	4.19E-03	0.0505	3.62E-01	-0.3007	2.67E-08	YES
PLAC8	ILMN_2093343	PLAC8	51316	0.7644	3.57E-52	-0.1365	1.32E-02	-0.1217	2.73E-02	-0.0053	9.24E-01	0.2156	8.06E-05	-0.1186	3.15E-02	NO
THEM2	ILMN_2098743	THEM2	55856	0.7636	2.69E-49	-0.0527	3.41E-01	-0.1540	5.13E-03	-0.1279	2.03E-02	0.0003	9.95E-01	-0.2457	6.50E-06	YES
RPS29	ILMN_1738243	RPS29	6235	0.7612	4.17E-64	-0.1060	5.49E-02	-0.1073	5.19E-02	-0.1381	1.21E-02	0.1436	9.11E-03	-0.2508	4.13E-06	YES
MRFAP1L1	ILMN_1689774	MRFAP1L1	114932	0.7590	2.40E-42	-0.1381	1.22E-02	-0.1452	8.35E-03	-0.0463	4.02E-01	0.0997	7.09E-02	-0.1782	1.17E-03	NO
RIOK2	ILMN_1655329	RIOK2	55781	0.7584	1.75E-58	-0.0717	1.95E-01	-0.1552	4.77E-03	-0.1163	3.49E-02	0.0257	6.43E-01	-0.2399	1.09E-05	YES
PUS3	ILMN_1694147	PUS3	83480	0.7583	9.14E-55	0.0159	7.74E-01	-0.1014	6.62E-02	-0.1943	3.93E-04	0.0305	5.81E-01	-0.2690	7.36E-07	YES
HMGCS1	ILMN_1797728	HMGCS1	3157	0.7580	3.65E-62	-0.1589	3.86E-03	-0.0838	1.29E-01	-0.1939	4.05E-04	0.1407	1.06E-02	-0.3196	2.99E-09	YES
SEC61B	ILMN_1801852	SEC61B	10952	0.7576	1.28E-42	-0.0854	1.22E-01	-0.1134	3.98E-02	-0.0961	8.19E-02	0.2188	6.29E-05	-0.1992	2.76E-04	NO
ETFA	ILMN_1718924	ETFA	2108	0.7575	6.29E-47	-0.1534	5.29E-03	-0.0698	2.07E-01	0.0007	9.90E-01	-0.0345	5.33E-01	-0.0899	1.04E-01	NO
ATP5L	ILMN_2079285	ATP5L	10632	0.7559	1.67E-62	-0.1403	1.08E-02	-0.1202	2.92E-02	-0.1291	1.91E-02	0.1688	2.13E-03	-0.2594	1.85E-06	NO
RTCD1	ILMN_1808305	RTCD1	8634	0.7559	1.83E-73	-0.1856	7.17E-04	-0.1293	1.90E-02	-0.0949	8.55E-02	0.0900	1.03E-01	-0.2413	9.64E-06	NO
HSP90AA1	ILMN_2373515	HSP90AA1	3320	0.7550	1.09E-65	-0.1178	3.27E-02	-0.1043	5.88E-02	-0.1670	2.37E-03	0.0920	9.58E-02	-0.2860	1.31E-07	NO
C12ORF11	ILMN_2196337	C12orf11	55726	0.7548	5.40E-47	-0.1112	4.38E-02	-0.0968	7.96E-02	-0.1556	4.67E-03	0.0917	9.69E-02	-0.2667	9.15E-07	NO
TM9SF3	ILMN_1669931	TM9SF3	56889	0.7541	4.98E-54	-0.1449	8.48E-03	-0.1252	2.31E-02	-0.0956	8.35E-02	0.1019	6.49E-02	-0.2257	3.61E-05	NO
ZNF564	ILMN_2217212	ZNF564	163050	0.7538	4.32E-45	-0.1211	2.81E-02	-0.1856	7.16E-04	0.0129	8.15E-01	0.1650	2.69E-03	-0.1269	2.13E-02	NO
NIF3L1	ILMN_1777066	NIF3L1	60491	0.7536	6.30E-49	-0.1474	7.39E-03	-0.1312	1.72E-02	0.0223	6.87E-01	0.0486	3.80E-01	-0.0963	8.12E-02	NO
COQ5	ILMN_1770936	COQ5	84274	0.7486	5.67E-60	-0.0969	7.94E-02	-0.1168	3.42E-02	-0.2240	4.12E-05	0.0284	6.07E-01	-0.3500	6.48E-11	NO
TMEM116	ILMN_2052871	TMEM116	89894	0.7480	6.62E-37	-0.0278	6.15E-01	-0.1326	1.61E-02	-0.0984	7.47E-02	0.1490	6.80E-03	-0.1923	4.53E-04	NO
PRIM1	ILMN_1694502	PRIM1	5557	0.7476	6.62E-60	-0.1083	4.97E-02	-0.1650	2.69E-03	-0.1371	1.28E-02	-0.0594	2.83E-01	-0.2814	2.11E-07	NO
GGPS1	ILMN_1692276	GGPS1	9453	0.7468	8.24E-39	-0.1783	1.16E-03	-0.1640	2.85E-03	0.1597	3.68E-03	0.1422	9.83E-03	0.0311	5.75E-01	NO
ALKBH3	ILMN_2134062	ALKBH3	221120	0.7444	2.90E-41	-0.1147	3.75E-02	-0.1348	1.44E-02	-0.0726	1.89E-01	0.1202	2.92E-02	-0.1943	3.93E-04	NO
CMAS	ILMN_2125374	CMAS	55907	0.7442	7.17E-48	-0.1294	1.89E-02	-0.1861	6.92E-04	-0.0330	5.51E-01	0.1249	2.34E-02	-0.1820	9.10E-04	NO
CLNS1A	ILMN_1736814	CLNS1A	1207	0.7423	2.68E-49	-0.0748	1.76E-01	-0.1060	5.47E-02	-0.1761	1.34E-03	0.1360	1.36E-02	-0.2823	1.92E-07	NO
SKIV2L2	ILMN_1651513	SKIV2L2	23517	0.7414	1.79E-44	-0.0798	1.49E-01	-0.0997	7.10E-02	-0.1957	3.55E-04	-0.0045	9.36E-01	-0.3028	2.09E-08	NO
MRPL15	ILMN_2103720	MRPL15	29088	0.7399	1.94E-40	-0.1193	3.05E-02	-0.1383	1.20E-02	-0.0716	1.95E-01	0.1637	2.90E-03	-0.1966	3.33E-04	NO
DNM1L	ILMN_2286800	DNM1L	10059	0.7375	5.38E-49	-0.1509	6.11E-03	-0.0780	1.58E-01	-0.1104	4.54E-02	0.2077	1.48E-04	-0.2192	6.07E-05	NO
CSE1L	ILMN_1665797	CSE1L	1434	0.7365	1.02E-40	-0.0876	1.13E-01	-0.1343	1.48E-02	-0.0311	5.74E-01	0.2325	2.04E-05	-0.1377	1.24E-02	NO

FCER1A	ILMN_1688423	FCER1A	2205	0.7351	7.83E-37	-0.1209	2.84E-02	-0.1337	1.53E-02	-0.0602	2.76E-01	0.2133	9.65E-05	-0.1818	9.21E-04	NO
UTP6	ILMN_1778238	UTP6	55813	0.7348	8.45E-44	-0.0238	6.67E-01	-0.1227	2.61E-02	-0.1980	3.02E-04	0.0659	2.33E-01	-0.2983	3.46E-08	NO
BEXL1	ILMN_1804798	BEXL1	56271	0.7348	8.04E-62	-0.0801	1.47E-01	-0.0713	1.97E-01	-0.1788	1.13E-03	0.0073	8.95E-01	-0.2685	7.70E-07	NO
MTERFD1	ILMN_1782504	MTERFD1	51001	0.7326	3.10E-48	-0.1453	8.32E-03	-0.1493	6.66E-03	-0.0181	7.43E-01	0.1608	3.44E-03	-0.1510	6.06E-03	NO
EBAG9	ILMN_1791896	EBAG9	9166	0.7314	3.31E-44	-0.0553	3.17E-01	-0.0675	2.22E-01	-0.1524	5.60E-03	0.1596	3.69E-03	-0.2280	2.97E-05	NO
EEF1A1	ILMN_1343291	EEF1A1	1915	0.7296	5.74E-40	-0.0385	4.87E-01	-0.1578	4.10E-03	-0.1775	1.22E-03	0.0806	1.45E-01	-0.2991	3.18E-08	NO
ZNF22	ILMN_2117904	ZNF22	7570	0.7284	1.94E-38	-0.0784	1.56E-01	-0.1418	9.99E-03	-0.0566	3.06E-01	0.0461	4.05E-01	-0.1673	2.33E-03	NO
RAP1GDS1	ILMN_1806266	RAP1GDS1	5910	0.7282	3.44E-52	-0.2379	1.29E-05	-0.1941	3.98E-04	-0.0283	6.09E-01	-0.0952	8.47E-02	-0.2187	6.32E-05	NO
RDH14	ILMN_2222984	RDH14	57665	0.7280	2.39E-55	-0.1421	9.85E-03	-0.2189	6.21E-05	-0.0358	5.17E-01	0.1283	1.99E-02	-0.2073	1.52E-04	NO
COPS8	ILMN_2337941	COPS8	10920	0.7274	2.69E-39	-0.1021	6.43E-02	-0.1042	5.91E-02	-0.1002	6.94E-02	0.0907	1.01E-01	-0.2048	1.83E-04	NO
GNL2	ILMN_1761113	GNL2	29889	0.7273	7.67E-46	-0.0872	1.15E-01	-0.1411	1.04E-02	-0.0086	8.76E-01	0.0219	6.93E-01	-0.1157	3.60E-02	NO
LOC646567	ILMN_1700950	LOC646567	646567	0.7267	1.33E-62	-0.1873	6.37E-04	-0.1876	6.27E-04	-0.1229	2.59E-02	0.0852	1.23E-01	-0.3047	1.69E-08	NO
ASNSD1	ILMN_2221673	ASNSD1	54529	0.7263	1.36E-53	-0.0876	1.13E-01	-0.1411	1.04E-02	-0.0417	4.51E-01	0.0053	9.24E-01	-0.1533	5.33E-03	NO
ACADM	ILMN_1778104	ACADM	34	0.7250	3.67E-48	-0.1179	3.25E-02	-0.1310	1.74E-02	-0.0542	3.27E-01	-0.0702	2.04E-01	-0.1725	1.68E-03	NO
MTCP1	ILMN_1814230	MTCP1	4515	0.7247	5.87E-60	-0.1614	3.33E-03	-0.2224	4.70E-05	0.0243	6.60E-01	0.0905	1.01E-01	-0.1477	7.27E-03	NO
BCCIP	ILMN_1771966	BCCIP	56647	0.7218	1.67E-37	-0.1264	2.18E-02	-0.1111	4.40E-02	-0.0210	7.04E-01	0.1162	3.51E-02	-0.1272	2.10E-02	NO
LOC651149	ILMN_1660439	LOC651149	651149	0.7213	1.78E-37	-0.1255	2.28E-02	-0.1090	4.83E-02	-0.0155	7.79E-01	0.0685	2.15E-01	-0.1196	3.01E-02	NO
C22ORF28	ILMN_1795991	C22orf28	51493	0.7202	3.69E-60	-0.1591	3.81E-03	-0.0930	9.20E-02	-0.1788	1.13E-03	0.1292	1.90E-02	-0.3076	1.22E-08	NO
ACTR6	ILMN_1697585	ACTR6	64431	0.7193	2.37E-36	-0.0367	5.07E-01	-0.1484	7.00E-03	-0.1086	4.91E-02	0.2061	1.67E-04	-0.2153	8.25E-05	NO
LRPPRC	ILMN_1662417	LRPPRC	10128	0.7190	6.52E-40	-0.0857	1.21E-01	-0.1507	6.18E-03	-0.0935	9.03E-02	0.0555	3.16E-01	-0.2165	7.55E-05	NO
LOC728554	ILMN_1691949	LOC728554	728554	0.7149	9.07E-40	-0.1468	7.64E-03	-0.0953	8.44E-02	-0.0889	1.08E-01	0.0710	1.99E-01	-0.2027	2.15E-04	NO
TMEM93	ILMN_1758674	TMEM93	83460	0.7147	1.14E-46	-0.0827	1.34E-01	-0.1223	2.66E-02	-0.1574	4.20E-03	0.1075	5.13E-02	-0.2726	5.13E-07	NO
LOC653232	ILMN_1716014	LOC653232	653232	0.7140	6.04E-37	-0.0809	1.43E-01	-0.1985	2.91E-04	-0.0484	3.81E-01	0.1600	3.61E-03	-0.1894	5.54E-04	NO
PXMP3	ILMN_1743299	PXMP3	5828	0.7131	1.08E-41	-0.1001	6.98E-02	-0.0187	7.36E-01	-0.2018	2.29E-04	-0.0112	8.40E-01	-0.2733	4.78E-07	NO
NSMCE4A	ILMN_1679134	NSMCE4A	54780	0.7126	2.82E-44	-0.0484	3.81E-01	-0.1171	3.37E-02	-0.0928	9.30E-02	0.0637	2.49E-01	-0.1847	7.62E-04	NO
HDDC2	ILMN_1753745	HDDC2	51020	0.7107	2.27E-38	-0.1060	5.47E-02	-0.1340	1.50E-02	-0.0590	2.86E-01	0.0016	9.77E-01	-0.1755	1.39E-03	NO
PCM1	ILMN_2042595	PCM1	5108	0.7100	9.43E-49	-0.1476	7.33E-03	-0.1433	9.27E-03	0.0256	6.44E-01	0.1212	2.79E-02	-0.0991	7.27E-02	NO
SSBP1	ILMN_1809478	SSBP1	6742	0.7066	5.10E-36	-0.0683	2.17E-01	-0.1051	5.68E-02	-0.0562	3.10E-01	0.1114	4.35E-02	-0.1437	9.06E-03	NO
TMEM60	ILMN_1752213	TMEM60	85025	0.7043	5.17E-40	-0.1218	2.72E-02	-0.1186	3.15E-02	-0.0508	3.58E-01	0.0109	8.44E-01	-0.1634	2.95E-03	NO
GTF2F2	ILMN_1745798	GTF2F2	2963	0.7012	2.13E-43	-0.0543	3.26E-01	-0.1016	6.57E-02	-0.1225	2.62E-02	0.1489	6.80E-03	-0.2121	1.06E-04	NO
GZMK	ILMN_1710734	GZMK	3003	0.7004	2.80E-54	-0.1573	4.23E-03	-0.1597	3.67E-03	-0.1451	8.42E-03	0.0697	2.07E-01	-0.3045	1.73E-08	NO
PKIA	ILMN_2337974	PKIA	5569	0.6973	1.66E-44	-0.1747	1.47E-03	-0.0728	1.88E-01	-0.0991	7.27E-02	0.1477	7.30E-03	-0.2119	1.08E-04	NO
RPS6KA3	ILMN_1652736	RPS6KA3	6197	0.6971	5.34E-51	-0.1104	4.54E-02	-0.1254	2.30E-02	-0.1865	6.74E-04	0.0806	1.45E-01	-0.3168	4.20E-09	NO
RCN1	ILMN_1800276	RCN1	5954	0.6966	6.22E-36	-0.0903	1.02E-01	-0.0813	1.41E-01	-0.0747	1.77E-01	0.0970	7.88E-02	-0.1595	3.73E-03	NO
LOC158345	ILMN_1685538	LOC158345	158345	0.6961	3.87E-47	-0.1282	2.00E-02	-0.0856	1.21E-01	-0.1559	4.60E-03	0.0704	2.03E-01	-0.2669	8.98E-07	NO
TTC32	ILMN_2083588	TTC32	130502	0.6960	1.13E-43	-0.0666	2.28E-01	-0.0236	6.70E-01	-0.1958	3.54E-04	0.0336	5.43E-01	-0.2575	2.21E-06	NO
PSMD10	ILMN_2383435	PSMD10	5716	0.6940	6.23E-45	-0.2300	2.52E-05	-0.1801	1.04E-03	0.1299	1.84E-02	0.0953	8.44E-02	-0.0292	5.98E-01	NO
FBX08	ILMN_1672843	FBX08	26269	0.6935	4.39E-49	-0.0804	1.46E-01	-0.0892	1.06E-01	-0.1901	5.27E-04	-0.0638	2.49E-01	-0.2910	7.64E-08	NO
C3ORF26	ILMN_2215545	C3orf26	84319	0.6924	1.22E-42	-0.0667	2.28E-01	-0.0517	3.50E-01	-0.2104	1.21E-04	0.0276	6.17E-01	-0.2892	9.33E-08	NO
CHMP5	ILMN_1732534	CHMP5	51510	0.6923	9.12E-40	-0.1760	1.35E-03	-0.1003	6.92E-02	0.0347	5.30E-01	0.0655	2.36E-01	-0.0755	1.72E-01	NO
CYCSL1	ILMN_1663751	CYCSL1	157317	0.6903	9.54E-28	-0.1399	1.11E-02	-0.1751	1.43E-03	0.0671	2.25E-01	0.1621	3.19E-03	-0.0665	2.29E-01	NO
HIST1H4C	ILMN_2075334	HIST1H4C	8364	0.6877	7.51E-39	-0.1910	4.96E-04	-0.1633	2.97E-03	0.1062	5.44E-02	0.1052	5.67E-02	-0.0336	5.44E-01	NO
ZMYND11	ILMN_1754234	ZMYND11	10771	0.6876	3.33E-44	-0.0518	3.49E-01	-0.1074	5.17E-02	-0.2351	1.64E-05	-0.0500	3.66E-01	-0.3418	1.90E-10	NO
RAB3IP	ILMN_1803197	RAB3IP	117177	0.6865	2.13E-32	-0.1060	5.47E-02	-0.1664	2.46E-03	0.0114	8.36E-01	0.2013	2.39E-04	-0.1131	4.04E-02	NO
C20ORF20	ILMN_1790136	C20orf20	55257	0.6857	2.26E-32	-0.1848	7.57E-04	-0.1423	9.77E-03	0.1443	8.75E-03	0.1374	1.26E-02	0.0231	6.77E-01	NO
MIOS	ILMN_1680644	MIOS	54468	0.6848	2.84E-34	-0.1516	5.88E-03	-0.0320	5.63E-01	-0.1091	4.81E-02	0.0874	1.14E-01	-0.1933	4.22E-04	NO

ABCE1	ILMN_1676846	ABCE1	6059	0.6838	4.20E-43	-0.1126	4.12E-02	-0.1282	2.00E-02	-0.0333	5.47E-01	0.0056	9.19E-01	-0.1456	8.19E-03	NO
AKR1C3	ILMN_1713124	AKR1C3	8644	0.6823	6.59E-34	-0.0725	1.90E-01	-0.1520	5.74E-03	-0.0212	7.02E-01	0.1648	2.71E-03	-0.1307	1.77E-02	NO
GTF2E2	ILMN_1664931	GTF2E2	2961	0.6816	8.11E-43	-0.1029	6.22E-02	-0.0582	2.93E-01	-0.1259	2.23E-02	0.1409	1.05E-02	-0.2095	1.29E-04	NO
MED10	ILMN_1707631	MED10	84246	0.6808	2.19E-33	-0.0744	1.78E-01	-0.0898	1.04E-01	-0.1180	3.25E-02	-0.0514	3.52E-01	-0.2076	1.49E-04	NO
RPS29	ILMN_1694742	RPS29	6235	0.6807	9.48E-35	-0.1516	5.88E-03	-0.1352	1.41E-02	-0.0080	8.84E-01	0.1849	7.52E-04	-0.1342	1.48E-02	NO
TMEM97	ILMN_1753890	TMEM97	27346	0.6801	8.86E-36	-0.1092	4.78E-02	-0.0796	1.50E-01	-0.1640	2.85E-03	0.0834	1.31E-01	-0.2663	9.54E-07	NO
C9ORF80	ILMN_1688621	C9orf80	58493	0.6793	4.31E-32	-0.0999	7.05E-02	-0.0872	1.14E-01	-0.1239	2.46E-02	0.3110	8.23E-09	-0.2218	4.94E-05	NO
IGBP1	ILMN_1717165	IGBP1	3476	0.6789	1.68E-36	-0.1287	1.95E-02	-0.0364	5.10E-01	-0.0636	2.50E-01	0.0764	1.67E-01	-0.1362	1.34E-02	NO
C6ORF160	ILMN_1653794	C6orf160	387066	0.6781	2.13E-36	-0.1767	1.29E-03	-0.1555	4.69E-03	-0.0274	6.20E-01	0.0743	1.79E-01	-0.1758	1.37E-03	NO
ZNF615	ILMN_1672135	ZNF615	284370	0.6775	9.97E-36	-0.1516	5.87E-03	-0.1260	2.22E-02	0.0644	2.44E-01	0.1523	5.64E-03	-0.0472	3.93E-01	NO
TPRKB	ILMN_1690307	TPRKB	51002	0.6774	3.26E-38	-0.0985	7.44E-02	-0.1765	1.30E-03	-0.0187	7.36E-01	-0.0257	6.42E-01	-0.1500	6.40E-03	NO
RPA2	ILMN_1753582	RPA2	6118	0.6767	1.81E-30	-0.0182	7.42E-01	-0.0960	8.20E-02	-0.0899	1.03E-01	0.0999	7.04E-02	-0.1597	3.68E-03	NO
GNL3	ILMN_1806106	GNL3	26354	0.6756	1.39E-60	-0.1768	1.28E-03	-0.1017	6.54E-02	-0.1261	2.21E-02	0.1566	4.41E-03	-0.2588	1.97E-06	NO
GGCT	ILMN_2101526	GGCT	79017	0.6756	2.45E-35	-0.1362	1.34E-02	-0.0950	8.54E-02	-0.1002	6.95E-02	0.0386	4.85E-01	-0.2117	1.09E-04	NO
MKI67IP	ILMN_1786189	MKI67IP	84365	0.6754	6.07E-37	-0.0750	1.75E-01	-0.1228	2.59E-02	-0.1358	1.37E-02	-0.0163	7.69E-01	-0.2457	6.52E-06	NO
RPS29	ILMN_2298818	RPS29	6235	0.6754	2.07E-36	-0.1473	7.43E-03	-0.1598	3.66E-03	0.0061	9.12E-01	0.0466	4.00E-01	-0.1299	1.85E-02	NO
UBE2E1	ILMN_1806778	UBE2E1	7324	0.6739	4.49E-33	-0.0931	9.18E-02	-0.0794	1.51E-01	-0.1111	4.40E-02	0.2310	2.32E-05	-0.2008	2.47E-04	NO
PDCD5	ILMN_2228710	PDCD5	9141	0.6731	4.45E-38	-0.1203	2.91E-02	-0.1182	3.21E-02	-0.0177	7.49E-01	-0.0515	3.52E-01	-0.1252	2.32E-02	NO
WBP4	ILMN_1697906	WBP4	11193	0.6730	1.84E-37	-0.1488	6.87E-03	-0.0956	8.33E-02	-0.0354	5.22E-01	0.0728	1.88E-01	-0.1430	9.38E-03	NO
PMPCB	ILMN_1728660	PMPCB	9512	0.6706	3.81E-33	-0.0779	1.58E-01	-0.0921	9.53E-02	-0.0432	4.34E-01	0.0030	9.57E-01	-0.1254	2.29E-02	NO
ABCE1	ILMN_2330267	ABCE1	6059	0.6699	4.77E-38	-0.1084	4.94E-02	-0.0993	7.21E-02	-0.0932	9.13E-02	0.0104	8.51E-01	-0.1965	3.37E-04	NO
NFU1	ILMN_2406468	NFU1	27247	0.6687	3.87E-40	-0.0945	8.69E-02	-0.1009	6.75E-02	-0.2152	8.34E-05	0.1399	1.11E-02	-0.3306	7.84E-10	NO
RECQL	ILMN_2380999	RECQL	5965	0.6679	1.62E-42	-0.1669	2.39E-03	-0.1464	7.84E-03	-0.0138	8.03E-01	0.0677	2.21E-01	-0.1520	5.72E-03	NO
C14ORF166	ILMN_1696708	C14orf166	51637	0.6677	3.32E-44	-0.0592	2.84E-01	-0.1142	3.85E-02	-0.0907	1.01E-01	0.2562	2.51E-06	-0.1844	7.74E-04	NO
RNF7	ILMN_1711862	RNF7	9616	0.6677	3.32E-41	-0.1420	9.92E-03	-0.0409	4.59E-01	-0.1349	1.43E-02	-0.0077	8.89E-01	-0.2240	4.14E-05	NO
KRCC1	ILMN_1745620	KRCC1	51315	0.6676	2.55E-44	-0.1707	1.89E-03	-0.1424	9.72E-03	-0.0232	6.74E-01	0.1577	4.13E-03	-0.1619	3.23E-03	NO
RBM18	ILMN_1802355	RBM18	92400	0.6670	2.03E-36	-0.0653	2.38E-01	-0.0369	5.05E-01	-0.1758	1.37E-03	0.0770	1.64E-01	-0.2415	9.42E-06	NO
RPS15A	ILMN_2255310	RPS15A	6210	0.6659	4.43E-32	-0.1412	1.03E-02	-0.0500	3.66E-01	-0.0540	3.28E-01	0.1556	4.67E-03	-0.1370	1.29E-02	NO
RPL27	ILMN_1656807	RPL27	6155	0.6649	1.63E-47	-0.1063	5.42E-02	-0.1403	1.08E-02	0.0712	1.98E-01	0.2188	6.27E-05	-0.0315	5.69E-01	NO
RPS27	ILMN_1660498	RPS27	6232	0.6641	5.00E-35	-0.0355	5.21E-01	-0.1638	2.87E-03	-0.1112	4.38E-02	0.1384	1.20E-02	-0.2262	3.46E-05	NO
PPA2	ILMN_1687785	PPA2	27068	0.6620	4.01E-30	-0.0853	1.23E-01	-0.0677	2.21E-01	-0.0880	1.11E-01	0.0106	8.49E-01	-0.1656	2.58E-03	NO
RPL9	ILMN_1750507	RPL9	6133	0.6617	2.21E-32	-0.0927	9.33E-02	-0.1110	4.41E-02	-0.0516	3.51E-01	0.0372	5.01E-01	-0.1501	6.37E-03	NO
RSL24D1	ILMN_2175465	RSL24D1	51187	0.6601	8.64E-46	-0.0532	3.36E-01	-0.1586	3.93E-03	-0.1399	1.11E-02	0.0240	6.65E-01	-0.2620	1.45E-06	NO
TMEM9B	ILMN_2100815	TMEM9B	56674	0.6586	2.73E-32	-0.0580	2.94E-01	-0.1080	5.03E-02	-0.0143	7.96E-01	0.2167	7.43E-05	-0.0942	8.79E-02	NO
ZNF770	ILMN_1734254	ZNF770	54989	0.6580	1.75E-33	-0.0292	5.98E-01	-0.1325	1.61E-02	-0.1127	4.11E-02	0.1047	5.77E-02	-0.2089	1.36E-04	NO
CSRP2BP	ILMN_1690386	CSRP2BP	57325	0.6577	7.13E-35	-0.0769	1.64E-01	-0.0897	1.04E-01	-0.0282	6.10E-01	0.0036	9.47E-01	-0.1067	5.31E-02	NO
CD3G	ILMN_1717197	CD3G	917	0.6564	1.70E-37	-0.1655	2.60E-03	-0.1344	1.47E-02	0.1098	4.66E-02	0.2423	8.84E-06	-0.0051	9.26E-01	NO
EXOSC3	ILMN_1734194	EXOSC3	51010	0.6544	7.58E-33	-0.1203	2.91E-02	-0.1379	1.23E-02	-0.0812	1.42E-01	0.2364	1.47E-05	-0.2077	1.48E-04	NO
PIGK	ILMN_1772743	PIGK	10026	0.6531	7.15E-48	-0.1018	6.52E-02	-0.1122	4.20E-02	-0.0570	3.03E-01	0.1852	7.36E-04	-0.1600	3.61E-03	NO
PTPN2	ILMN_2400030	PTPN2	5771	0.6501	1.39E-32	-0.1689	2.11E-03	-0.0895	1.05E-01	0.0330	5.51E-01	-0.0422	4.46E-01	-0.0692	2.10E-01	NO
USP16	ILMN_2397230	USP16	10600	0.6484	1.59E-40	-0.1587	3.90E-03	-0.0924	9.43E-02	-0.0763	1.67E-01	0.0388	4.83E-01	-0.1911	4.93E-04	NO
CRBN	ILMN_2225735	CRBN	51185	0.6481	2.77E-43	-0.0855	1.22E-01	-0.0713	1.97E-01	-0.1327	1.60E-02	-0.1484	7.00E-03	-0.2183	6.55E-05	NO
ZNF480	ILMN_2126423	ZNF480	147657	0.6477	5.46E-26	-0.1222	2.66E-02	-0.1066	5.34E-02	-0.0550	3.20E-01	-0.2028	2.14E-04	-0.1619	3.24E-03	NO
HSPA14	ILMN_1797318	HSPA14	51182	0.6441	1.08E-43	-0.0958	8.28E-02	-0.0579	2.95E-01	-0.1856	7.16E-04	-0.1726	1.68E-03	-0.2745	4.24E-07	NO
TNFAIP8	ILMN_2414325	TNFAIP8	25816	0.6434	2.45E-28	-0.0596	2.81E-01	-0.0510	3.57E-01	-0.1639	2.87E-03	-0.1233	2.54E-02	-0.2337	1.86E-05	NO
NDUFAB1	ILMN_2179018	NDUFAB1	4706	0.6427	1.65E-31	-0.1449	8.48E-03	-0.0943	8.78E-02	-0.0370	5.03E-01	-0.2101	1.23E-04	-0.1428	9.51E-03	NO

SUCLG1	ILMN_1779616	SUCLG1	8802	0.6423	5.93E-39	-0.1588	3.87E-03	-0.0906	1.01E-01	-0.1154	3.65E-02	-0.2400	1.08E-05	-0.2344	1.75E-05	NO
INTS12	ILMN_1725169	INTS12	57117	0.6412	1.12E-43	-0.0845	1.26E-01	-0.0976	7.72E-02	-0.0880	1.11E-01	-0.1585	3.96E-03	-0.1813	9.53E-04	NO
ZNF17	ILMN_1751692	ZNF17	7565	0.6407	1.18E-35	-0.1354	1.40E-02	-0.0534	3.35E-01	-0.0804	1.45E-01	-0.1913	4.83E-04	-0.1667	2.42E-03	NO
ELP2	ILMN_1709132	ELP2	55250	0.6403	5.30E-37	-0.1120	4.24E-02	-0.1085	4.93E-02	-0.0731	1.86E-01	-0.0956	8.35E-02	-0.1799	1.05E-03	NO
RPS14	ILMN_2338785	RPS14	6208	0.6385	1.12E-26	-0.1053	5.63E-02	-0.0150	7.87E-01	-0.0738	1.81E-01	-0.1454	8.24E-03	-0.1282	2.00E-02	NO
LYPLAL1	ILMN_2142117	LYPLAL1	127018	0.6377	1.13E-29	-0.1230	2.57E-02	-0.0303	5.84E-01	-0.0437	4.30E-01	-0.1213	2.78E-02	-0.1084	4.95E-02	NO
RPS3A	ILMN_1657722	RPS3A	6189	0.6365	1.38E-42	-0.0728	1.88E-01	-0.1006	6.84E-02	-0.1624	3.13E-03	-0.0993	7.20E-02	-0.2632	1.29E-06	NO
MRPS31	ILMN_1654552	MRPS31	10240	0.6361	4.70E-36	-0.1144	3.81E-02	-0.1561	4.54E-03	-0.0824	1.36E-01	-0.2118	1.08E-04	-0.2168	7.37E-05	NO
TP53RK	ILMN_1764851	TP53RK	112858	0.6358	1.65E-28	-0.1691	2.09E-03	-0.0224	6.85E-01	-0.0236	6.70E-01	-0.0683	2.17E-01	-0.0974	7.78E-02	NO
PIGF	ILMN_1808938	PIGF	5281	0.6356	3.41E-41	-0.0777	1.60E-01	-0.1396	1.13E-02	-0.1447	8.58E-03	-0.1546	4.96E-03	-0.2657	1.01E-06	NO
COMMD8	ILMN_1765644	COMMD8	54951	0.6352	5.44E-29	-0.1002	6.96E-02	-0.1158	3.58E-02	-0.1081	5.01E-02	-0.2443	7.39E-06	-0.2193	6.02E-05	NO
PDCD4	ILMN_1768004	PDCD4	27250	0.6351	4.92E-38	-0.0605	2.74E-01	-0.1606	3.49E-03	-0.0987	7.37E-02	-0.1921	4.58E-04	-0.2189	6.21E-05	NO
LOC652489	ILMN_1666564	LOC652489	652489	0.6348	1.87E-40	-0.0683	2.16E-01	-0.1353	1.40E-02	-0.1031	6.17E-02	-0.1623	3.16E-03	-0.2131	9.83E-05	NO
RPS15A	ILMN_2337241	RPS15A	6210	0.6341	1.27E-35	-0.1442	8.80E-03	-0.1261	2.21E-02	-0.1119	4.25E-02	-0.1572	4.26E-03	-0.2444	7.29E-06	NO
LOC651436	ILMN_1769277	LOC651436	651436	0.6338	2.58E-37	-0.0949	8.55E-02	-0.0791	1.52E-01	-0.1817	9.33E-04	-0.1934	4.18E-04	-0.2811	2.17E-07	NO
C12ORF47	ILMN_1798957	C12orf47	51275	0.6317	6.04E-37	-0.1283	1.99E-02	-0.1087	4.89E-02	-0.0746	1.77E-01	-0.1245	2.39E-02	-0.1872	6.41E-04	NO
C18ORF21	ILMN_1805998	C18orf21	83608	0.6308	6.64E-33	-0.1087	4.88E-02	-0.1503	6.32E-03	0.0417	4.51E-01	-0.0977	7.69E-02	-0.0711	1.98E-01	NO
WDR12	ILMN_1770692	WDR12	55759	0.6288	3.42E-35	-0.0875	1.13E-01	-0.0757	1.71E-01	-0.0962	8.13E-02	-0.1516	5.85E-03	-0.1800	1.04E-03	NO
LOC642197	ILMN_1815303	LOC642197	642197	0.6282	1.72E-28	-0.0600	2.78E-01	-0.1130	4.05E-02	-0.1285	1.97E-02	-0.1159	3.56E-02	-0.2270	3.24E-05	NO
CXORF26	ILMN_1768176	CXorf26	51260	0.6275	6.74E-34	-0.1379	1.23E-02	-0.1374	1.26E-02	0.0283	6.09E-01	-0.1608	3.45E-03	-0.0895	1.05E-01	NO
PPA1	ILMN_1805827	PPA1	5464	0.6275	1.55E-26	-0.0343	5.35E-01	-0.1237	2.48E-02	-0.0703	2.04E-01	-0.1676	2.29E-03	-0.1578	4.10E-03	NO
RABGGTB	ILMN_1790354	RABGGTB	5876	0.6206	1.06E-35	-0.2147	8.68E-05	-0.1467	7.68E-03	0.1416	1.01E-02	-0.2276	3.08E-05	0.0072	8.96E-01	NO
OPTN	ILMN_2381899	OPTN	10133	0.6205	5.67E-27	-0.0454	4.12E-01	-0.1583	3.98E-03	-0.0599	2.79E-01	-0.1669	2.39E-03	-0.1685	2.17E-03	NO
RDH14	ILMN_1705469	RDH14	57665	0.6205	2.86E-28	-0.0679	2.19E-01	-0.0938	8.94E-02	0.0157	7.76E-01	-0.1825	8.82E-04	-0.0560	3.11E-01	NO
C10ORF32	ILMN_1772706	C10orf32	119032	0.6197	1.02E-28	-0.0657	2.35E-01	-0.0751	1.74E-01	-0.0575	2.99E-01	-0.1133	4.00E-02	-0.1282	2.00E-02	NO
ENOX2	ILMN_2415911	ENOX2	10495	0.6173	4.85E-41	-0.1812	9.64E-04	-0.0975	7.75E-02	-0.1409	1.05E-02	-0.1609	3.43E-03	-0.2747	4.16E-07	NO
PPIL5	ILMN_1715616	PPIL5	122769	0.6170	2.90E-41	-0.1670	2.37E-03	-0.1701	1.96E-03	-0.0617	2.65E-01	-0.2278	3.03E-05	-0.2190	6.16E-05	NO
ICT1	ILMN_2182198	ICT1	3396	0.6169	3.92E-30	-0.1384	1.20E-02	-0.1463	7.88E-03	-0.0612	2.68E-01	-0.1083	4.96E-02	-0.1958	3.54E-04	NO
INPP4B	ILMN_2198878	INPP4B	8821	0.6158	6.97E-32	-0.0533	3.36E-01	-0.0738	1.82E-01	0.0552	3.19E-01	-0.1973	3.18E-04	0.0044	9.36E-01	NO
RPS3A	ILMN_1673638	RPS3A	6189	0.6139	1.09E-31	-0.0167	7.63E-01	-0.1501	6.38E-03	-0.0636	2.50E-01	-0.1718	1.76E-03	-0.1584	3.98E-03	NO
DNAJB11	ILMN_1753243	DNAJB11	51726	0.6114	2.12E-31	-0.1424	9.71E-03	-0.0757	1.71E-01	0.0117	8.33E-01	-0.1833	8.39E-04	-0.0768	1.65E-01	NO
MRPL18	ILMN_2230672	MRPL18	29074	0.6089	4.16E-35	-0.0489	3.76E-01	-0.1425	9.67E-03	-0.0308	5.77E-01	-0.1192	3.07E-02	-0.1283	1.99E-02	NO
METTL5	ILMN_1691570	METTL5	29081	0.6075	3.91E-33	-0.1571	4.28E-03	-0.0033	9.53E-01	-0.0685	2.16E-01	-0.1365	1.32E-02	-0.1338	1.52E-02	NO
HSP90AA1	ILMN_1691097	HSP90AA1	3320	0.6072	1.47E-27	-0.0927	9.31E-02	-0.1845	7.74E-04	0.0425	4.42E-01	-0.2220	4.84E-05	-0.0829	1.33E-01	NO
WDR67	ILMN_1744240	WDR67	93594	0.6062	1.84E-22	-0.0860	1.19E-01	-0.0601	2.77E-01	-0.0887	1.08E-01	-0.1346	1.46E-02	-0.1626	3.10E-03	NO
MORF4L2	ILMN_1666156	MORF4L2	9643	0.6061	2.90E-33	-0.0978	7.65E-02	-0.1095	4.72E-02	-0.1465	7.79E-03	-0.1884	5.91E-04	-0.2586	2.00E-06	NO
HMGN1	ILMN_1652123	HMGN1	3150	0.6053	1.53E-36	-0.1548	4.90E-03	-0.0698	2.07E-01	-0.0233	6.74E-01	-0.1533	5.33E-03	-0.1175	3.31E-02	NO
MITD1	ILMN_1677133	MITD1	129531	0.6048	1.02E-27	-0.1266	2.16E-02	-0.0669	2.26E-01	-0.1451	8.38E-03	-0.2043	1.90E-04	-0.2442	7.46E-06	NO
TXNL2	ILMN_2056479	TXNL2	10539	0.6044	1.35E-25	-0.0043	9.38E-01	-0.0453	4.13E-01	-0.1262	2.20E-02	-0.0779	1.58E-01	-0.1687	2.14E-03	NO
KLRF1	ILMN_2055781	KLRF1	51348	0.6018	8.79E-27	-0.2802	2.39E-07	-0.0867	1.16E-01	0.0909	9.98E-02	-0.1220	2.69E-02	-0.0407	4.61E-01	NO
HDHD2	ILMN_1702265	HDHD2	84064	0.6016	8.10E-25	-0.1406	1.07E-02	-0.0895	1.05E-01	0.1190	3.10E-02	-0.1562	4.52E-03	0.0380	4.93E-01	NO
CSE1L	ILMN_1706238	CSE1L	1434	0.6007	6.94E-33	-0.0856	1.21E-01	-0.0846	1.26E-01	-0.0802	1.47E-01	-0.1524	5.61E-03	-0.1659	2.54E-03	NO
LOC648470	ILMN_1704554	LOC648470	648470	0.6001	9.30E-26	-0.0295	5.93E-01	-0.1217	2.73E-02	-0.0336	5.43E-01	-0.1521	5.69E-03	-0.1136	3.95E-02	NO
MRPS15	ILMN_1680703	MRPS15	64960	0.5991	8.04E-26	-0.0702	2.04E-01	-0.0964	8.07E-02	-0.1344	1.47E-02	-0.2037	1.99E-04	-0.2283	2.90E-05	NO
RCAN1	ILMN_2367239	RCAN1	1827	0.5991	4.71E-28	-0.2008	2.47E-04	-0.0915	9.77E-02	0.0187	7.35E-01	-0.1591	3.80E-03	-0.0975	7.74E-02	NO
DDX50	ILMN_1712320	DDX50	79009	0.5989	3.40E-38	-0.1114	4.35E-02	-0.1943	3.94E-04	0.0604	2.75E-01	-0.1068	5.30E-02	-0.0744	1.78E-01	NO

LOC402251	ILMN_1687080	LOC402251	402251	0.5986	1.60E-28	-0.0782	1.57E-01	-0.0596	2.81E-01	-0.1227	2.61E-02	-0.1615	3.31E-03	-0.1980	3.01E-04	NO
PIGP	ILMN_1764871	PIGP	51227	0.5982	3.02E-36	-0.1216	2.74E-02	-0.1114	4.35E-02	-0.1849	7.51E-04	-0.2117	1.09E-04	-0.3113	7.94E-09	NO
HIBCH	ILMN_1656977	HIBCH	26275	0.5973	1.16E-24	-0.0775	1.61E-01	-0.1169	3.41E-02	-0.1294	1.89E-02	-0.1709	1.87E-03	-0.2361	1.51E-05	NO
APIP	ILMN_1793598	APIP	51074	0.5950	1.27E-35	-0.1061	5.45E-02	-0.0561	3.11E-01	-0.1627	3.08E-03	-0.0931	9.17E-02	-0.2512	3.97E-06	NO
FRG1	ILMN_1734696	FRG1	2483	0.5927	1.09E-36	-0.1863	6.84E-04	-0.1873	6.38E-04	0.0598	2.79E-01	-0.1735	1.58E-03	-0.0974	7.79E-02	NO
TMEM14B	ILMN_1685258	TMEM14B	81853	0.5905	2.43E-25	-0.0726	1.89E-01	-0.1392	1.15E-02	-0.1074	5.17E-02	-0.1547	4.91E-03	-0.2215	5.07E-05	NO
SET	ILMN_1742238	SET	6418	0.5894	1.35E-22	-0.0480	3.86E-01	-0.1183	3.20E-02	-0.0826	1.35E-01	-0.1388	1.18E-02	-0.1737	1.57E-03	NO
ZC3H15	ILMN_2062112	ZC3H15	55854	0.5890	2.33E-28	-0.0018	9.73E-01	-0.1222	2.67E-02	-0.1725	1.69E-03	-0.1580	4.07E-03	-0.2615	1.51E-06	NO
EXOSC8	ILMN_1756162	EXOSC8	11340	0.5874	7.94E-29	-0.0509	3.57E-01	-0.1559	4.59E-03	-0.1237	2.49E-02	-0.1852	7.38E-04	-0.2414	9.56E-06	NO
GTF2A2	ILMN_1753719	GTF2A2	2958	0.5851	2.11E-25	-0.0385	4.87E-01	-0.1404	1.08E-02	0.0445	4.22E-01	-0.1216	2.74E-02	-0.0383	4.89E-01	NO
MRPL11	ILMN_1690371	MRPL11	65003	0.5827	2.95E-28	-0.0839	1.29E-01	-0.0248	6.54E-01	-0.1009	6.76E-02	-0.1147	3.76E-02	-0.1567	4.40E-03	NO
GNL3	ILMN_2324056	GNL3	26354	0.5810	2.44E-25	-0.0896	1.05E-01	-0.0325	5.56E-01	-0.1327	1.60E-02	-0.2760	3.66E-07	-0.1988	2.85E-04	NO
LTV1	ILMN_1805658	LTV1	84946	0.5806	4.69E-27	-0.1307	1.77E-02	-0.0923	9.48E-02	-0.0387	4.84E-01	-0.1333	1.55E-02	-0.1387	1.18E-02	NO
LIPT1	ILMN_1717524	LIPT1	51601	0.5701	4.19E-22	-0.1383	1.20E-02	-0.1010	6.73E-02	0.0177	7.49E-01	-0.1091	4.80E-02	-0.0821	1.37E-01	NO
BNIP3	ILMN_1724658	BNIP3	664	0.5689	2.05E-27	-0.1676	2.29E-03	-0.1272	2.10E-02	-0.0846	1.26E-01	-0.2359	1.54E-05	-0.2222	4.79E-05	NO
LOC653479	ILMN_1703301	LOC653479	653479	0.5686	8.33E-28	0.0026	9.62E-01	-0.1424	9.72E-03	-0.1140	3.88E-02	-0.0670	2.25E-01	-0.2045	1.87E-04	NO
ZNF32	ILMN_1695362	ZNF32	7580	0.5683	4.17E-32	-0.0732	1.85E-01	-0.1445	8.69E-03	-0.0625	2.58E-01	-0.1717	1.78E-03	-0.1737	1.57E-03	NO
COMMD10	ILMN_2094905	COMMD10	51397	0.5682	1.71E-25	-0.0833	1.32E-01	-0.0538	3.30E-01	-0.1378	1.23E-02	-0.1980	3.02E-04	-0.2139	9.23E-05	NO
SDCCAG10	ILMN_1686194	SDCCAG10	10283	0.5665	1.56E-33	-0.1074	5.16E-02	-0.1265	2.17E-02	-0.0091	8.70E-01	-0.1950	3.75E-04	-0.1154	3.64E-02	NO
MRPL45	ILMN_1748650	MRPL45	84311	0.5654	3.12E-27	-0.0987	7.39E-02	-0.0568	3.04E-01	-0.1416	1.01E-02	-0.2520	3.67E-06	-0.2251	3.79E-05	NO
LOC645317	ILMN_1815124	LOC645317	645317	0.5643	6.26E-27	-0.0217	6.95E-01	-0.1314	1.71E-02	-0.1785	1.15E-03	-0.1899	5.33E-04	-0.2802	2.37E-07	NO
PTPN4	ILMN_1793549	PTPN4	5775	0.5640	1.33E-25	-0.1147	3.76E-02	-0.0428	4.39E-01	-0.0844	1.27E-01	-0.1592	3.79E-03	-0.1583	3.99E-03	NO
DPH5	ILMN_1770048	DPH5	51611	0.5637	3.37E-24	-0.0577	2.96E-01	-0.0531	3.37E-01	-0.0909	9.97E-02	-0.1672	2.35E-03	-0.1515	5.90E-03	NO
RECQL	ILMN_1680850	RECQL	5965	0.5631	6.40E-22	-0.0737	1.82E-01	-0.0395	4.76E-01	-0.0703	2.04E-01	-0.0798	1.49E-01	-0.1263	2.19E-02	NO
LYPLAL1	ILMN_1682935	LYPLAL1	127018	0.5628	2.89E-24	-0.0874	1.13E-01	-0.0287	6.04E-01	-0.1397	1.12E-02	-0.0910	9.93E-02	-0.2040	1.95E-04	NO
ALG5	ILMN_1664449	ALG5	29880	0.5614	3.51E-31	-0.1313	1.72E-02	-0.0462	4.04E-01	-0.1044	5.85E-02	-0.0757	1.71E-01	-0.1886	5.85E-04	NO
ZNF101	ILMN_1695079	ZNF101	94039	0.5601	2.96E-26	-0.0830	1.33E-01	-0.1276	2.06E-02	-0.1454	8.27E-03	-0.1549	4.86E-03	-0.2619	1.46E-06	NO
HACL1	ILMN_1723414	HACL1	26061	0.5584	7.20E-28	-0.0603	2.76E-01	-0.1286	1.97E-02	-0.0902	1.02E-01	-0.1558	4.63E-03	-0.1921	4.59E-04	NO
TMEM14C	ILMN_2175131	TMEM14C	51522	0.5584	7.42E-20	-0.1254	2.29E-02	-0.0957	8.31E-02	-0.1760	1.35E-03	-0.1520	5.74E-03	-0.2942	5.45E-08	NO
PRPF38A	ILMN_1656274	PRPF38A	84950	0.5572	6.81E-26	-0.1360	1.36E-02	-0.0681	2.18E-01	0.0006	9.91E-01	-0.2331	1.94E-05	-0.0830	1.33E-01	NO
TFB2M	ILMN_2067708	TFB2M	64216	0.5562	2.27E-21	-0.0754	1.72E-01	-0.1184	3.17E-02	-0.0086	8.76E-01	-0.2032	2.08E-04	-0.0995	7.16E-02	NO
NET1	ILMN_1758311	NET1	10276	0.5556	9.89E-23	0.0078	8.88E-01	-0.0408	4.61E-01	-0.0161	7.71E-01	-0.1887	5.81E-04	-0.0374	4.99E-01	NO
C6ORF115	ILMN_1720858	C6orf115	58527	0.5551	2.31E-31	-0.1956	3.58E-04	-0.1164	3.48E-02	-0.1166	3.45E-02	-0.1472	7.51E-03	-0.2624	1.39E-06	NO
NAT5	ILMN_2354140	NAT5	51126	0.5532	5.20E-28	-0.0864	1.18E-01	-0.1038	6.00E-02	-0.1470	7.57E-03	-0.2490	4.83E-06	-0.2521	3.64E-06	NO
CD52	ILMN_2208903	CD52	1043	0.5513	6.37E-31	-0.1504	6.26E-03	-0.0825	1.35E-01	-0.1561	4.54E-03	-0.2250	3.80E-05	-0.2732	4.82E-07	NO
SETDB2	ILMN_1731644	SETDB2	83852	0.5497	1.86E-23	-0.1150	3.71E-02	-0.1157	3.59E-02	0.1624	3.13E-03	-0.3132	6.41E-09	0.0820	1.38E-01	NO
AK3	ILMN_1778173	AK3	50808	0.5425	5.03E-19	-0.0818	1.39E-01	-0.1074	5.17E-02	-0.0540	3.29E-01	-0.1935	4.15E-04	-0.1471	7.51E-03	NO
AGPS	ILMN_1698209	AGPS	8540	0.5406	3.65E-21	-0.0025	9.64E-01	-0.0379	4.93E-01	-0.1004	6.88E-02	-0.2398	1.10E-05	-0.1350	1.43E-02	NO
RAN	ILMN_1757384	RAN	5901	0.5389	2.44E-17	-0.0111	8.41E-01	-0.1136	3.95E-02	-0.0714	1.97E-01	-0.0268	6.28E-01	-0.1456	8.16E-03	NO
SS18	ILMN_1741782	SS18	6760	0.5382	2.08E-29	-0.0839	1.29E-01	-0.1199	2.97E-02	0.0059	9.15E-01	-0.0174	7.53E-01	-0.0867	1.16E-01	NO
ING2	ILMN_1671265	ING2	3622	0.5377	1.49E-18	-0.0919	9.62E-02	-0.0404	4.65E-01	-0.0511	3.55E-01	-0.1517	5.84E-03	-0.1114	4.35E-02	NO
DHX29	ILMN_1697503	DHX29	54505	0.5356	2.50E-17	-0.0068	9.02E-01	-0.1012	6.68E-02	-0.0157	7.76E-01	-0.1919	4.65E-04	-0.0745	1.78E-01	NO
NUP37	ILMN_1771903	NUP37	79023	0.5345	6.70E-22	-0.1127	4.10E-02	-0.0842	1.27E-01	-0.0613	2.67E-01	-0.2405	1.03E-05	-0.1537	5.20E-03	NO
ENSA	ILMN_1760779	ENSA	2029	0.5300	8.57E-25	-0.1071	5.24E-02	-0.1167	3.44E-02	-0.0823	1.36E-01	-0.2095	1.30E-04	-0.1929	4.33E-04	NO
MTIF2	ILMN_1765520	MTIF2	4528	0.5286	1.31E-16	-0.0609	2.71E-01	-0.1415	1.02E-02	0.0279	6.14E-01	-0.1693	2.06E-03	-0.0655	2.36E-01	NO
PPIL3	ILMN_1770020	PPIL3	53938	0.5262	9.60E-23	-0.1350	1.43E-02	-0.0736	1.83E-01	-0.0136	8.06E-01	-0.1234	2.52E-02	-0.1017	6.53E-02	NO

SUMO2	ILMN_2333594	SUMO2	6613	0.5211	2.51E-19	0.0175	7.52E-01	-0.1151	3.69E-02	0.0509	3.58E-01	-0.1905	5.11E-04	0.0019	9.72E-01	NO
CCDC59	ILMN_1662318	CCDC59	29080	0.5200	8.46E-17	-0.0940	8.88E-02	-0.1353	1.40E-02	0.0501	3.65E-01	-0.2469	5.85E-06	-0.0484	3.81E-01	NO
C12ORF32	ILMN_2105923	C12orf32	83695	0.5145	2.31E-23	-0.0876	1.13E-01	-0.1409	1.05E-02	-0.0108	8.46E-01	-0.2581	2.10E-06	-0.1182	3.21E-02	NO
MED6	ILMN_1654543	MED6	10001	0.4781	1.13E-19	-0.0401	4.68E-01	-0.1040	5.96E-02	-0.1028	6.27E-02	-0.2369	1.41E-05	-0.1861	6.94E-04	NO