

Supplementary Table 1: Significantly Differentially Expressed Genes by Illumina Microarray

Illumina_ID	Gene	logFC	AveExpr	t	P.Value	adj.P.Val	B
ILMN_1651958	MGP	2.22	9.50	15.91	8.73E-29	1.51E-24	54.65
ILMN_2071809	MGP	2.16	9.62	15.95	5.39E-29	1.51E-24	55.13
ILMN_2132982	IGFBP5	1.90	10.02	15.51	3.90E-28	4.48E-24	53.22
ILMN_1772612	ANGPTL2	1.26	8.21	13.26	1.36E-23	1.17E-19	43.05
ILMN_1675268	LRP4	-0.86	7.39	-12.88	8.36E-23	5.77E-19	41.28
ILMN_1712636	NVL	-0.66	7.68	-12.74	1.62E-22	9.30E-19	40.63
ILMN_1678842	THBS2	1.33	7.32	12.55	4.08E-22	1.65E-18	39.73
ILMN_1693014	CEBPB	1.40	10.08	12.55	4.09E-22	1.65E-18	39.73
ILMN_1701875	ZYX	1.00	8.60	12.54	4.30E-22	1.65E-18	39.68
ILMN_1701461	TIMP3	1.24	8.03	12.43	7.46E-22	2.57E-18	39.14
ILMN_1748124	TSC22D3	1.73	9.66	12.34	1.16E-21	3.64E-18	38.71
ILMN_1722898	SFRP2	1.20	7.01	12.17	2.64E-21	7.57E-18	37.91
ILMN_2391512	NAAA	-1.02	8.11	-12.03	5.08E-21	1.35E-17	37.27
ILMN_2376403	TSC22D3	1.84	8.52	11.97	6.96E-21	1.71E-17	36.96
ILMN_1687306	LGALS2	-1.43	8.44	-11.93	8.44E-21	1.78E-17	36.77
ILMN_1771599	PLOD2	-1.08	10.52	-11.93	8.65E-21	1.78E-17	36.75
ILMN_1790689	CRISPLD2	1.58	9.24	11.92	8.78E-21	1.78E-17	36.73
ILMN_1687848	C7	1.01	7.28	11.79	1.64E-20	3.15E-17	36.12
ILMN_1795251	SPARCL1	1.10	9.91	11.76	1.96E-20	3.55E-17	35.95
ILMN_1676563	HTRA1	0.92	8.24	11.72	2.38E-20	4.10E-17	35.76
ILMN_1668605	NAAA	-1.02	8.48	-11.67	3.01E-20	4.95E-17	35.53
ILMN_1654370	TESK2	-0.56	7.33	-11.59	4.53E-20	6.79E-17	35.13
ILMN_1788874	SERPINA3	1.53	7.70	11.59	4.43E-20	6.79E-17	35.15
ILMN_2050911	SLC22A4	-0.49	7.01	-11.57	5.03E-20	7.23E-17	35.03
ILMN_1651496	HIST1H2BD	-1.28	9.34	-11.55	6.32E-20	8.07E-17	34.80
ILMN_1696657	LRRN2	-1.46	8.00	-11.52	6.27E-20	8.07E-17	34.81
ILMN_1723847	CILP	1.29	7.41	11.57	5.87E-20	8.07E-17	34.88
ILMN_2371169	ZYX	0.71	7.72	11.51	6.57E-20	8.09E-17	34.77
ILMN_1696434	LAMA1	-1.35	7.96	-11.49	7.46E-20	8.87E-17	34.64
ILMN_1759818	SORL1	-0.76	8.83	-11.46	8.61E-20	9.90E-17	34.50
ILMN_1717934	SYT11	0.79	8.15	11.41	1.10E-19	1.22E-16	34.26
ILMN_1791580	FXSD3	-1.32	8.60	-11.38	1.25E-19	1.35E-16	34.14
ILMN_1752965	GREM1	1.90	8.85	11.38	1.29E-19	1.35E-16	34.10
ILMN_1684982	PDK4	1.40	9.20	11.30	1.88E-19	1.91E-16	33.74
ILMN_1758623	HIST1H2BD	-0.95	8.15	-11.29	2.28E-19	2.20E-16	33.55
ILMN_1759670	AMACR	-0.89	7.64	-11.29	2.30E-19	2.20E-16	33.54
ILMN_1673566	ADAMTS1	1.64	7.87	11.25	2.43E-19	2.23E-16	33.49
ILMN_1806733	COL18A1	0.88	7.82	11.25	2.46E-19	2.23E-16	33.47
ILMN_1719236	CDH5	0.64	7.29	11.22	2.76E-19	2.44E-16	33.36
ILMN_1709486	SRPX	1.16	7.89	11.24	2.90E-19	2.50E-16	33.32
ILMN_1684210	NIPAL3	-0.51	7.88	-11.20	3.05E-19	2.56E-16	33.27
ILMN_1712066	EXPH5	-0.79	7.42	-11.11	4.75E-19	3.90E-16	32.83
ILMN_1782050	CEBPD	1.20	9.81	11.07	5.92E-19	4.75E-16	32.62
ILMN_1680652	SELENBP1	-1.93	9.97	-11.01	1.02E-18	7.48E-16	32.09
ILMN_1685433	COL8A1	0.75	6.94	10.97	9.55E-19	7.48E-16	32.15
ILMN_1715508	NNMT	1.04	7.29	10.96	1.01E-18	7.48E-16	32.09

ILMN_2112638	SVEP1	1.15	7.95	10.97	9.87E-19	7.48E-16	32.12
ILMN_1774602	FBLN2	1.10	8.03	10.97	1.12E-18	8.03E-16	32.00
ILMN_1808114	LYVE1	1.11	7.27	10.91	1.32E-18	9.30E-16	31.83
ILMN_1801491	SLC26A2	-1.86	8.67	-10.89	1.40E-18	9.68E-16	31.77
ILMN_1715715	CEBPA	-0.73	8.94	-10.86	1.64E-18	1.11E-15	31.62
ILMN_1766169	BCAT1	0.66	7.07	10.82	1.99E-18	1.27E-15	31.43
ILMN_1778523	KLF9	0.90	10.03	10.83	1.93E-18	1.27E-15	31.46
ILMN_2390919	FBLN2	1.06	7.64	10.82	2.00E-18	1.27E-15	31.43
ILMN_1662619	TFPI	0.78	7.92	10.82	2.07E-18	1.30E-15	31.39
ILMN_1814296	TRPM6	-2.15	9.11	-10.79	2.37E-18	1.46E-15	31.26
ILMN_1671295	CCDC3	0.59	6.94	10.78	2.46E-18	1.49E-15	31.22
ILMN_1807042	MARCKS	-0.51	11.33	-10.77	2.58E-18	1.53E-15	31.18
ILMN_1661599	DDIT4	1.31	8.56	10.76	2.67E-18	1.56E-15	31.14
ILMN_1715991	SDPR	0.78	7.88	10.73	3.14E-18	1.81E-15	30.98
ILMN_1736178	AEBP1	0.94	8.50	10.73	3.22E-18	1.82E-15	30.96
ILMN_1778681	EBF1	0.79	7.29	10.71	3.52E-18	1.96E-15	30.87
ILMN_1738578	FILIP1L	1.06	8.02	10.70	3.65E-18	2.00E-15	30.84
ILMN_1759097	MLLT11	0.66	6.88	10.66	4.44E-18	2.39E-15	30.65
ILMN_1773389	PLTP	1.14	8.16	10.64	4.90E-18	2.60E-15	30.55
ILMN_1786598	COL14A1	0.66	7.17	10.63	5.15E-18	2.65E-15	30.50
ILMN_2311674	ADCY6	-0.56	7.89	-10.63	5.14E-18	2.65E-15	30.50
ILMN_2307861	COL6A3	1.38	9.37	10.62	5.43E-18	2.75E-15	30.45
ILMN_2094952	NUAK2	-0.59	7.35	-10.59	6.31E-18	3.15E-15	30.30
ILMN_1767481	ATP23	-0.69	8.06	-10.58	6.59E-18	3.21E-15	30.26
ILMN_2184184	ANXA1	1.52	9.59	10.58	6.62E-18	3.21E-15	30.26
ILMN_2355831	FHL2	0.66	10.89	10.57	6.88E-18	3.30E-15	30.22
ILMN_1722713	FBLN1	0.78	7.52	10.57	7.17E-18	3.38E-15	30.18
ILMN_1707124	TFPI	0.82	8.20	10.54	8.00E-18	3.68E-15	30.07
ILMN_1773395	NA	-0.69	7.83	-10.55	7.95E-18	3.68E-15	30.08
ILMN_2098743	ACOT13	-0.82	8.71	-10.56	8.16E-18	3.70E-15	30.05
ILMN_1771403	PWWP2A	-0.37	7.38	-10.52	8.95E-18	4.01E-15	29.96
ILMN_1653504	S1PR1	0.67	7.32	10.46	1.23E-17	5.41E-15	29.65
ILMN_1803988	MCL1	0.82	9.40	10.46	1.24E-17	5.41E-15	29.64
ILMN_1723522	APOLD1	1.07	7.38	10.47	1.28E-17	5.50E-15	29.61
ILMN_2096719	GRK5	0.82	8.68	10.41	1.55E-17	6.58E-15	29.43
ILMN_2346997	RAB23	0.66	8.67	10.41	1.58E-17	6.63E-15	29.41
ILMN_1725090	CTHRC1	0.87	7.35	10.41	1.60E-17	6.65E-15	29.39
ILMN_1813846	P2RX4	-0.79	8.27	-10.40	1.63E-17	6.71E-15	29.37
ILMN_1706511	TEF	-0.67	7.25	-10.40	1.69E-17	6.84E-15	29.34
ILMN_2210753	LYVE1	0.63	6.67	10.39	1.74E-17	6.97E-15	29.31
ILMN_1733270	CD163	0.81	7.15	10.37	1.87E-17	7.40E-15	29.24
ILMN_2218208	SPARCL1	1.00	10.16	10.37	1.91E-17	7.49E-15	29.22
ILMN_1698732	PALLD	0.68	10.03	10.35	2.08E-17	7.95E-15	29.14
ILMN_3227263	SLC22A23	-0.67	8.61	-10.35	2.07E-17	7.95E-15	29.14
ILMN_1732831	CHST7	0.53	7.47	10.34	2.23E-17	8.44E-15	29.07
ILMN_1766657	STOM	1.00	10.01	10.33	2.32E-17	8.69E-15	29.03
ILMN_2201678	FSTL1	1.00	8.18	10.33	2.34E-17	8.69E-15	29.02
ILMN_1665372	FXD3	-1.23	8.46	-10.32	2.40E-17	8.79E-15	29.00

ILMN_1672536	FBLN1	1.09	10.46	10.29	2.80E-17	1.01E-14	28.85
ILMN_2149226	CAV1	1.06	9.61	10.28	2.93E-17	1.05E-14	28.80
ILMN_1682147	HOOK2	-0.51	7.89	-10.24	3.59E-17	1.26E-14	28.60
ILMN_1752755	VWF	0.91	9.64	10.27	3.58E-17	1.26E-14	28.61
ILMN_1722438	MGAT4B	-0.65	7.36	-10.23	3.79E-17	1.31E-14	28.55
ILMN_1722622	CD163	1.32	7.98	10.25	3.81E-17	1.31E-14	28.55
ILMN_1657679	VAV3	-1.04	8.74	-10.22	3.96E-17	1.35E-14	28.51
ILMN_1762033	NAPEPLD	-0.46	7.35	-10.22	4.08E-17	1.36E-14	28.47
ILMN_1803217	GPRIN2	-0.70	7.33	-10.22	4.04E-17	1.36E-14	28.49
ILMN_2391150	FILIP1L	0.94	7.84	10.22	4.10E-17	1.36E-14	28.47
ILMN_1667966	FAM129A	0.93	8.35	10.21	4.17E-17	1.37E-14	28.45
ILMN_1729455	EML1	0.94	7.65	10.20	4.37E-17	1.42E-14	28.41
ILMN_1726589	CD248	0.86	7.51	10.20	4.54E-17	1.46E-14	28.37
ILMN_2342835	P2RY14	0.58	6.92	10.19	4.61E-17	1.47E-14	28.36
ILMN_1681983	RSPO3	0.84	7.39	10.20	4.98E-17	1.57E-14	28.28
ILMN_1695290	FERMT2	0.98	8.79	10.18	5.03E-17	1.58E-14	28.27
ILMN_1730487	CALD1	1.00	10.01	10.17	5.11E-17	1.59E-14	28.26
ILMN_1672042	DOLPP1	-0.51	7.82	-10.17	5.23E-17	1.61E-14	28.23
ILMN_1757552	PTRF	1.02	9.92	10.16	5.49E-17	1.67E-14	28.19
ILMN_1660691	RAB31	1.06	9.11	10.13	6.28E-17	1.88E-14	28.05
ILMN_1792679	ITGA5	1.20	7.53	10.13	6.24E-17	1.88E-14	28.06
ILMN_1706643	COL6A3	1.35	10.24	10.11	6.82E-17	2.03E-14	27.97
ILMN_1679051	PTPRR	-1.15	7.86	-10.09	7.68E-17	2.26E-14	27.86
ILMN_1682717	IER3	1.38	9.83	10.08	8.24E-17	2.37E-14	27.79
ILMN_1764723	SH3PXD2B	0.54	7.02	10.08	8.24E-17	2.37E-14	27.79
ILMN_2060115	SORL1	-0.81	8.29	-10.08	8.11E-17	2.37E-14	27.80
ILMN_1700541	FBLN1	0.93	9.03	10.07	8.38E-17	2.39E-14	27.77
ILMN_2171481	NXPE1	-1.15	8.08	-10.06	8.99E-17	2.54E-14	27.70
ILMN_1756071	MFGE8	0.76	9.75	10.06	9.12E-17	2.56E-14	27.69
ILMN_2041788	PLS3	0.56	8.83	10.05	9.62E-17	2.67E-14	27.64
ILMN_2082273	RGS5	0.93	7.97	10.04	1.01E-16	2.79E-14	27.58
ILMN_1701933	SNCA	0.51	6.97	9.99	1.29E-16	3.49E-14	27.35
ILMN_1730906	FILIP1L	0.97	7.84	9.99	1.29E-16	3.49E-14	27.35
ILMN_1687315	RXRA	-0.64	9.35	-9.98	1.34E-16	3.60E-14	27.32
ILMN_1801307	TNFSF10	-0.83	9.24	-9.98	1.36E-16	3.64E-14	27.29
ILMN_1737314	BCL6	1.14	8.34	9.97	1.40E-16	3.72E-14	27.27
ILMN_1788267	PPP1R14D	-0.93	8.31	-9.96	1.49E-16	3.93E-14	27.21
ILMN_1721876	TIMP2	0.87	10.14	9.95	1.58E-16	4.10E-14	27.15
ILMN_1819608	ARRB1	-0.57	8.06	-9.95	1.58E-16	4.10E-14	27.15
ILMN_1736700	ALDOA	-0.69	11.00	-9.94	1.61E-16	4.13E-14	27.13
ILMN_1696643	TLN1	0.42	7.87	9.94	1.65E-16	4.21E-14	27.11
ILMN_2337263	PKIB	-1.37	8.74	-9.93	1.69E-16	4.28E-14	27.08
ILMN_1805842	FHL1	1.24	8.79	9.91	1.87E-16	4.70E-14	26.99
ILMN_1715748	FLNC	1.34	7.92	9.90	1.99E-16	4.98E-14	26.92
ILMN_1721770	PAPPA	0.86	7.35	9.90	2.04E-16	5.06E-14	26.90
ILMN_1735157	GALNT12	-1.09	8.81	-9.88	2.20E-16	5.39E-14	26.82
ILMN_1776516	ITPKA	-1.01	9.01	-9.88	2.19E-16	5.39E-14	26.83
ILMN_1797557	PLEKHA6	-0.64	7.97	-9.87	2.27E-16	5.52E-14	26.79

ILMN_1716988	OPN3	-0.64	7.69	-9.86	2.42E-16	5.77E-14	26.73
ILMN_1796925	CXADR	-0.84	9.56	-9.86	2.42E-16	5.77E-14	26.73
ILMN_2055156	PAG1	-0.62	8.43	-9.88	2.42E-16	5.77E-14	26.73
ILMN_1705116	SLC22A23	-0.73	9.26	-9.86	2.45E-16	5.77E-14	26.72
ILMN_2081682	SMAP2	1.09	9.77	9.87	2.51E-16	5.88E-14	26.70
ILMN_1671478	CKB	-1.95	10.73	-9.85	2.54E-16	5.92E-14	26.69
ILMN_1704446	SLC6A10P	-0.99	8.58	-9.85	2.56E-16	5.93E-14	26.68
ILMN_1704730	CD93	1.05	8.79	9.85	2.59E-16	5.95E-14	26.67
ILMN_1672591	SCN9A	-0.55	7.07	-9.84	2.74E-16	6.24E-14	26.61
ILMN_1677402	C11orf96	1.86	9.03	9.84	2.75E-16	6.24E-14	26.61
ILMN_2199389	VIPR1	-1.20	9.30	-9.83	2.83E-16	6.38E-14	26.58
ILMN_2379599	CD163	1.39	7.99	9.82	2.93E-16	6.56E-14	26.55
ILMN_1672504	PDXK	-0.63	9.68	-9.82	3.01E-16	6.70E-14	26.52
ILMN_1784287	TGFBR3	1.00	8.73	9.81	3.07E-16	6.78E-14	26.50
ILMN_1653028	COL4A1	1.17	10.04	9.76	3.97E-16	8.73E-14	26.25
ILMN_1764571	ARHGAP23	0.54	7.33	9.75	4.12E-16	9.00E-14	26.21
ILMN_2347145	DCN	1.35	11.40	9.75	4.22E-16	9.15E-14	26.19
ILMN_1664283	TPRN	-0.57	7.63	-9.74	4.40E-16	9.48E-14	26.15
ILMN_1717599	CNTN3	-0.49	6.77	-9.73	4.61E-16	9.88E-14	26.10
ILMN_1656011	RGS1	1.92	8.50	9.72	4.80E-16	1.02E-13	26.06
ILMN_1779882	SOWAHA	-0.92	7.95	-9.72	4.83E-16	1.02E-13	26.06
ILMN_2128750	PTTG1IP	-0.42	11.40	-9.72	4.87E-16	1.02E-13	26.05
ILMN_2367753	ATP2B4	0.63	8.15	9.72	4.96E-16	1.04E-13	26.03
ILMN_1663648	MTUS1	0.37	6.69	9.70	5.36E-16	1.11E-13	25.96
ILMN_1803528	LRRC31	-0.95	8.77	-9.70	5.40E-16	1.11E-13	25.95
ILMN_1727194	CALU	0.69	8.17	9.69	5.71E-16	1.17E-13	25.89
ILMN_1779185	SPECC1L	-0.63	9.68	-9.68	5.88E-16	1.19E-13	25.86
ILMN_3292448	BTNL8	-0.71	7.31	-9.68	5.88E-16	1.19E-13	25.86
ILMN_2129161	LRRC32	0.55	7.74	9.65	6.98E-16	1.41E-13	25.70
ILMN_1670638	PITPNC1	0.62	7.37	9.66	7.14E-16	1.43E-13	25.68
ILMN_2283772	HEPACAM2	-0.69	6.92	-9.64	7.19E-16	1.43E-13	25.67
ILMN_1679262	DPYSL3	0.96	9.32	9.63	7.85E-16	1.55E-13	25.58
ILMN_1751346	ERBB3	-0.99	9.20	-9.62	8.21E-16	1.62E-13	25.54
ILMN_3244176	MIR100HG	0.87	7.62	9.61	8.32E-16	1.63E-13	25.52
ILMN_2066151	TEK	0.53	7.62	9.59	9.28E-16	1.81E-13	25.42
ILMN_1758939	RIPK2	0.67	7.67	9.58	9.65E-16	1.87E-13	25.38
ILMN_2411745	EML1	0.58	7.09	9.58	9.75E-16	1.88E-13	25.37
ILMN_3251409	PDE6A	-0.57	6.89	-9.57	1.05E-15	2.02E-13	25.29
ILMN_1782538	VIM	1.07	10.99	9.57	1.06E-15	2.02E-13	25.28
ILMN_1770338	TM4SF1	1.20	10.67	9.57	1.13E-15	2.15E-13	25.22
ILMN_1794638	VIP	1.81	8.31	9.55	1.14E-15	2.15E-13	25.21
ILMN_2228938	ECM2	0.50	7.00	9.57	1.16E-15	2.18E-13	25.20
ILMN_1731714	CREB5	0.46	6.99	9.54	1.23E-15	2.29E-13	25.14
ILMN_1783276	NEXN	0.81	7.67	9.53	1.25E-15	2.31E-13	25.13
ILMN_2058251	VIM	1.15	10.10	9.53	1.28E-15	2.35E-13	25.11
ILMN_1689518	PECAM1	0.87	8.37	9.52	1.31E-15	2.40E-13	25.08
ILMN_1700690	VAT1	0.50	7.68	9.51	1.38E-15	2.50E-13	25.03
ILMN_1730670	FSTL3	0.48	6.85	9.51	1.38E-15	2.50E-13	25.03

ILMN_1799015	PXMP2	-1.00	8.88	-9.51	1.38E-15	2.50E-13	25.03
ILMN_1680579	ATP2B4	0.59	8.25	9.50	1.46E-15	2.59E-13	24.97
ILMN_1734190	TCEAL3	0.68	8.63	9.50	1.46E-15	2.59E-13	24.97
ILMN_1737025	PLCL2	-0.50	8.62	-9.50	1.46E-15	2.59E-13	24.97
ILMN_2078592	ADTRP	-1.34	9.02	-9.50	1.46E-15	2.59E-13	24.98
ILMN_1810559	RHOQ	0.81	9.48	9.50	1.48E-15	2.60E-13	24.96
ILMN_1721626	ARID5B	1.00	9.22	9.48	1.60E-15	2.81E-13	24.88
ILMN_3248551	C2CD4B	1.03	7.43	9.48	1.63E-15	2.84E-13	24.86
ILMN_1679797	ADARB1	0.66	8.30	9.47	1.68E-15	2.92E-13	24.83
ILMN_1736441	PDXP	-0.68	8.83	-9.49	1.71E-15	2.95E-13	24.82
ILMN_1674908	HOXB5	-1.10	9.67	-9.45	1.86E-15	3.14E-13	24.74
ILMN_1770811	PELO	0.51	8.48	9.47	1.85E-15	3.14E-13	24.75
ILMN_1788538	NCALD	0.58	7.62	9.45	1.86E-15	3.14E-13	24.74
ILMN_2285568	NAAA	-0.72	7.71	-9.47	1.86E-15	3.14E-13	24.74
ILMN_1750101	S100A11	0.93	8.39	9.45	1.87E-15	3.15E-13	24.73
ILMN_2376723	CDKN2B	-1.24	9.25	-9.44	1.99E-15	3.33E-13	24.67
ILMN_1788942	GGT6	-0.82	8.70	-9.42	2.17E-15	3.61E-13	24.59
ILMN_1712786	AHCYL2	-0.95	9.86	-9.40	2.45E-15	4.02E-13	24.47
ILMN_1736510	FOXN2	0.48	8.75	9.40	2.45E-15	4.02E-13	24.47
ILMN_1749478	TCEAL3	0.59	7.76	9.40	2.46E-15	4.02E-13	24.46
ILMN_1755657	RASIP1	0.50	7.36	9.40	2.43E-15	4.02E-13	24.48
ILMN_2370241	TEX11	-0.90	7.47	-9.41	2.49E-15	4.05E-13	24.45
ILMN_1756701	DHRS11	-1.31	9.80	-9.39	2.53E-15	4.09E-13	24.44
ILMN_2124585	GREM1	0.82	7.09	9.38	2.63E-15	4.23E-13	24.40
ILMN_1666444	RBMS1	0.80	7.88	9.38	2.75E-15	4.41E-13	24.35
ILMN_1727087	GJA1	0.99	8.21	9.35	3.17E-15	5.05E-13	24.22
ILMN_1803392	NA	-0.63	9.77	-9.34	3.24E-15	5.15E-13	24.19
ILMN_1672080	NR2F6	-0.69	9.07	-9.34	3.29E-15	5.20E-13	24.18
ILMN_1729801	S100A8	2.01	7.92	9.34	3.30E-15	5.20E-13	24.17
ILMN_1687652	TGFB3	0.44	6.99	9.33	3.43E-15	5.38E-13	24.14
ILMN_1725750	NA	-1.03	8.68	-9.33	3.52E-15	5.49E-13	24.11
ILMN_1654696	C15orf48	-1.12	9.13	-9.32	3.60E-15	5.60E-13	24.09
ILMN_2115125	CTGF	1.43	9.20	9.35	3.68E-15	5.69E-13	24.07
ILMN_1744937	PTPRM	0.47	7.57	9.31	3.74E-15	5.75E-13	24.05
ILMN_1776905	TMEM236	-1.60	9.06	-9.31	3.83E-15	5.87E-13	24.03
ILMN_1729216	CRYAB	0.98	7.96	9.31	3.90E-15	5.96E-13	24.01
ILMN_1664362	SGIP1	0.51	6.78	9.30	3.94E-15	5.98E-13	24.00
ILMN_1736901	ZDHHC23	-0.72	8.27	-9.30	4.00E-15	6.04E-13	23.99
ILMN_3245630	ECSCR	0.50	7.15	9.29	4.23E-15	6.36E-13	23.93
ILMN_1653278	MUC20	-0.97	8.56	-9.28	4.34E-15	6.50E-13	23.91
ILMN_1651950	TPST1	0.53	6.95	9.28	4.36E-15	6.51E-13	23.90
ILMN_1755954	CPEB3	-0.42	7.73	-9.27	4.56E-15	6.77E-13	23.86
ILMN_1658494	RGCC	0.98	8.95	9.27	4.61E-15	6.82E-13	23.85
ILMN_1752526	RNF144B	0.47	7.00	9.27	4.68E-15	6.89E-13	23.83
ILMN_1802251	PTTG1IP	-0.60	10.08	-9.25	5.11E-15	7.49E-13	23.75
ILMN_1651554	RGS5	0.92	8.30	9.25	5.18E-15	7.50E-13	23.73
ILMN_1685709	TMEM125	-0.61	8.43	-9.25	5.17E-15	7.50E-13	23.74
ILMN_1764109	C1R	0.75	7.64	9.25	5.16E-15	7.50E-13	23.74

ILMN_2344216	STX2	0.51	7.36	9.24	5.29E-15	7.64E-13	23.71
ILMN_1804593	HEPACAM2	-1.21	8.86	-9.24	5.43E-15	7.80E-13	23.69
ILMN_1707748	PIM3	0.53	7.45	9.23	5.75E-15	8.16E-13	23.63
ILMN_1769575	JAM3	0.64	8.72	9.23	5.73E-15	8.16E-13	23.63
ILMN_1794863	CAMK2N1	-0.89	11.58	-9.23	5.71E-15	8.16E-13	23.64
ILMN_1674135	RALGPS1	-0.60	8.19	-9.22	5.90E-15	8.33E-13	23.61
ILMN_1813295	LMO3	0.76	7.00	9.22	6.01E-15	8.46E-13	23.59
ILMN_1750974	S100A9	1.87	8.17	9.21	6.26E-15	8.78E-13	23.55
ILMN_1752810	LARP6	0.42	6.85	9.20	6.58E-15	9.18E-13	23.50
ILMN_1769299	MTMR11	-0.98	10.54	-9.20	6.63E-15	9.21E-13	23.49
ILMN_1717639	SIK1	1.07	7.32	9.20	6.71E-15	9.30E-13	23.48
ILMN_1792455	TMEM158	1.17	8.89	9.19	7.05E-15	9.73E-13	23.43
ILMN_1758895	CTSK	0.98	8.96	9.17	7.53E-15	1.03E-12	23.37
ILMN_1815319	CMTM4	-0.86	9.87	-9.17	7.57E-15	1.04E-12	23.36
ILMN_1789641	ABCG2	-0.76	6.98	-9.17	7.77E-15	1.06E-12	23.34
ILMN_2052863	RNF5P1	-0.34	7.29	-9.15	8.34E-15	1.13E-12	23.27
ILMN_2384241	TGFBR2	0.67	9.99	9.15	8.41E-15	1.14E-12	23.26
ILMN_1781626	C1S	0.94	9.46	9.15	8.50E-15	1.14E-12	23.25
ILMN_1785821	TDP2	-0.63	7.44	-9.15	8.66E-15	1.16E-12	23.23
ILMN_2290618	SEC22C	0.49	7.78	9.16	8.83E-15	1.18E-12	23.22
ILMN_1664176	FBLN5	0.39	7.02	9.15	8.99E-15	1.20E-12	23.20
ILMN_1714197	ACSS2	-0.90	10.96	-9.14	9.13E-15	1.21E-12	23.18
ILMN_1780170	APOD	1.33	7.85	9.15	9.19E-15	1.21E-12	23.18
ILMN_1667711	PLA2G16	0.82	7.68	9.13	9.47E-15	1.25E-12	23.14
ILMN_1748899	TMED6	-0.57	7.18	-9.13	9.52E-15	1.25E-12	23.14
ILMN_1765076	APPL2	-0.84	9.95	-9.12	9.70E-15	1.26E-12	23.12
ILMN_2120695	TSPAN7	-0.86	9.87	-9.12	9.67E-15	1.26E-12	23.12
ILMN_2370336	MS4A4A	0.53	6.91	9.12	9.82E-15	1.27E-12	23.11
ILMN_1721283	HSPB6	0.78	7.13	9.12	9.86E-15	1.27E-12	23.10
ILMN_1688633	CLCN2	-0.57	7.17	-9.13	1.01E-14	1.29E-12	23.08
ILMN_1729453	TSPAN9	0.43	8.80	9.12	1.01E-14	1.29E-12	23.08
ILMN_1808590	GUCY1A3	0.79	7.72	9.11	1.02E-14	1.30E-12	23.07
ILMN_1729117	COL5A2	0.96	8.99	9.11	1.02E-14	1.30E-12	23.07
ILMN_1753954	OLFM4	1.80	8.40	9.11	1.06E-14	1.34E-12	23.03
ILMN_1784967	EPB41L4B	-0.89	8.03	-9.11	1.06E-14	1.34E-12	23.04
ILMN_1735930	KLF2	0.91	10.28	9.09	1.12E-14	1.41E-12	22.98
ILMN_1685057	SLC22A4	-0.32	6.87	-9.09	1.14E-14	1.43E-12	22.96
ILMN_1778941	NA	-0.35	6.68	-9.09	1.15E-14	1.44E-12	22.95
ILMN_1664738	C11orf54	-0.43	7.54	-9.08	1.22E-14	1.52E-12	22.89
ILMN_2142185	CLEC14A	0.53	7.53	9.08	1.22E-14	1.52E-12	22.89
ILMN_1745994	GAS7	0.45	7.32	9.07	1.24E-14	1.53E-12	22.88
ILMN_1679133	SERPINB1	0.72	10.01	9.06	1.36E-14	1.67E-12	22.79
ILMN_1690125	PDLIM7	0.39	6.76	9.06	1.36E-14	1.67E-12	22.79
ILMN_1880280	FOXP1-IT1	-0.59	8.22	-9.05	1.40E-14	1.71E-12	22.76
ILMN_1808356	FAM3A	-0.43	9.81	-9.04	1.45E-14	1.77E-12	22.73
ILMN_2410421	NBPF1	-0.46	7.09	-9.03	1.51E-14	1.84E-12	22.69
ILMN_2185984	SASH1	0.64	8.22	9.03	1.55E-14	1.87E-12	22.66
ILMN_1754103	CLDN11	0.49	6.98	9.03	1.58E-14	1.90E-12	22.64

ILMN_1654392	KHNYN	-0.37	7.79	-9.02	1.64E-14	1.97E-12	22.61
ILMN_1760347	SRGN	1.65	10.00	9.01	1.68E-14	2.01E-12	22.58
ILMN_1683194	DCN	1.23	8.26	9.01	1.73E-14	2.06E-12	22.56
ILMN_1691942	CCNI	0.33	11.79	9.01	1.74E-14	2.06E-12	22.55
ILMN_1815023	PIM1	0.81	7.89	9.01	1.74E-14	2.06E-12	22.55
ILMN_2302716	ALDH18A1	-0.62	8.85	-9.01	1.74E-14	2.06E-12	22.55
ILMN_1713764	NA	-1.02	8.92	-9.00	1.77E-14	2.08E-12	22.53
ILMN_2052373	RAB17	-0.98	8.72	-9.01	1.82E-14	2.13E-12	22.51
ILMN_3245983	NEURL1B	-0.94	8.59	-9.01	1.82E-14	2.13E-12	22.51
ILMN_1739813	HYAL1	1.21	8.37	9.00	1.83E-14	2.13E-12	22.50
ILMN_2059689	TMEM54	-0.85	10.27	-8.99	1.89E-14	2.19E-12	22.47
ILMN_1810915	FAAH	-0.60	7.63	-8.99	1.92E-14	2.22E-12	22.45
ILMN_2118229	NAPEPLD	-0.64	8.18	-9.00	1.94E-14	2.23E-12	22.45
ILMN_1826471	NA	-0.54	7.52	-8.98	1.97E-14	2.27E-12	22.43
ILMN_1675612	BLCAP	-0.51	8.40	-8.98	2.00E-14	2.29E-12	22.41
ILMN_1679401	TRPM4	-0.81	9.75	-8.97	2.04E-14	2.33E-12	22.39
ILMN_1665696	EFNA4	-0.31	7.13	-8.97	2.07E-14	2.36E-12	22.38
ILMN_1671791	PCK2	-0.76	9.01	-8.97	2.09E-14	2.36E-12	22.37
ILMN_1683598	ACSL4	1.08	8.33	8.99	2.08E-14	2.36E-12	22.38
ILMN_1720606	LRCH2	0.53	6.98	8.97	2.12E-14	2.39E-12	22.35
ILMN_1810725	FAM129A	0.88	8.06	8.96	2.15E-14	2.41E-12	22.34
ILMN_1694432	CRIP2	0.62	7.61	8.95	2.26E-14	2.53E-12	22.29
ILMN_1785272	COL1A2	1.23	10.20	8.97	2.28E-14	2.55E-12	22.29
ILMN_1685156	ADCY6	-0.65	8.56	-8.95	2.34E-14	2.60E-12	22.26
ILMN_1792456	CFAP36	0.32	7.52	8.95	2.34E-14	2.60E-12	22.26
ILMN_2136147	BCAS1	-0.89	9.59	-8.94	2.47E-14	2.73E-12	22.20
ILMN_1691436	BLVRA	0.72	8.20	8.92	2.66E-14	2.92E-12	22.13
ILMN_3244114	DHRS11	-1.23	8.89	-8.92	2.70E-14	2.97E-12	22.12
ILMN_2295987	NBPF1	-0.38	6.79	-8.92	2.73E-14	2.99E-12	22.11
ILMN_3307906	PALMD	0.41	6.84	8.90	2.89E-14	3.15E-12	22.05
ILMN_1781468	SMAP2	0.79	7.72	8.90	2.90E-14	3.16E-12	22.05
ILMN_1716616	MARVELD3	-0.69	7.90	-8.90	3.00E-14	3.25E-12	22.02
ILMN_1661777	NR3C2	-0.62	8.00	-8.89	3.08E-14	3.33E-12	21.99
ILMN_1735045	A4GALT	0.39	6.70	8.89	3.14E-14	3.38E-12	21.97
ILMN_1670385	TUBAL3	-1.03	8.27	-8.88	3.19E-14	3.43E-12	21.96
ILMN_1747775	STX2	0.45	7.34	8.88	3.27E-14	3.50E-12	21.93
ILMN_1697548	ADGRL2	0.59	7.92	8.88	3.33E-14	3.55E-12	21.91
ILMN_1772910	GAS1	0.61	6.96	8.89	3.39E-14	3.60E-12	21.90
ILMN_1722869	PDZD3	-1.07	8.60	-8.87	3.42E-14	3.62E-12	21.89
ILMN_2188264	CYR61	1.74	8.25	8.87	3.43E-14	3.62E-12	21.89
ILMN_1703123	CSRN1	0.94	8.55	8.87	3.47E-14	3.66E-12	21.87
ILMN_1720113	PTPRO	-0.89	7.72	-8.88	3.48E-14	3.66E-12	21.87
ILMN_1748625	TCEAL4	0.65	9.60	8.87	3.50E-14	3.67E-12	21.86
ILMN_1670305	SERPING1	0.72	7.82	8.86	3.53E-14	3.68E-12	21.86
ILMN_1670490	PDPN	0.93	7.60	8.86	3.53E-14	3.68E-12	21.86
ILMN_1784176	ABCA5	-0.45	7.05	-8.85	3.73E-14	3.87E-12	21.80
ILMN_2206746	BGN	1.11	9.58	8.85	3.75E-14	3.89E-12	21.80
ILMN_1791576	CHSY1	0.78	8.99	8.85	3.78E-14	3.90E-12	21.79

ILMN_1711566	TIMP1	1.17	10.89	8.85	3.82E-14	3.94E-12	21.78
ILMN_1768110	ZAK	0.95	8.64	8.85	3.84E-14	3.94E-12	21.77
ILMN_1792689	HIST1H2AC	-0.76	8.05	-8.84	3.88E-14	3.97E-12	21.76
ILMN_3245591	DIO3OS	-0.59	7.09	-8.84	3.90E-14	3.98E-12	21.76
ILMN_1694589	PAQR8	-0.89	9.70	-8.84	3.98E-14	4.03E-12	21.74
ILMN_1794588	DYRK2	-0.61	8.92	-8.85	3.97E-14	4.03E-12	21.74
ILMN_1713688	DHX32	-0.46	9.38	-8.84	4.01E-14	4.05E-12	21.73
ILMN_1808238	RBPM52	0.82	7.42	8.84	4.01E-14	4.05E-12	21.73
ILMN_1717046	MOB3B	-0.58	7.98	-8.84	4.03E-14	4.05E-12	21.73
ILMN_1734478	PIP5K1B	-0.44	7.41	-8.83	4.14E-14	4.14E-12	21.70
ILMN_1666004	WASL	-0.47	10.37	-8.83	4.23E-14	4.22E-12	21.68
ILMN_1789166	SHD	-0.51	7.10	-8.83	4.23E-14	4.22E-12	21.68
ILMN_3245057	ASAP1	0.62	8.98	8.83	4.27E-14	4.24E-12	21.67
ILMN_2094875	NA	-1.10	7.91	-8.82	4.32E-14	4.28E-12	21.66
ILMN_2083567	PHLPP2	-0.91	8.11	-8.82	4.41E-14	4.35E-12	21.64
ILMN_1665510	ERRFI1	1.16	9.13	8.82	4.45E-14	4.38E-12	21.63
ILMN_2223941	FBLN5	0.44	7.32	8.82	4.47E-14	4.39E-12	21.63
ILMN_1771734	GMPS	0.42	8.68	8.81	4.53E-14	4.43E-12	21.61
ILMN_2173004	RAB8B	0.77	8.44	8.81	4.59E-14	4.48E-12	21.60
ILMN_1704353	IGSF3	-0.69	8.33	-8.81	4.62E-14	4.50E-12	21.59
ILMN_1762718	CMTM4	-0.72	8.61	-8.81	4.67E-14	4.54E-12	21.58
ILMN_1672878	ABR	-0.55	10.55	-8.81	4.69E-14	4.54E-12	21.58
ILMN_1660806	CSRP2	0.65	7.91	8.80	4.74E-14	4.57E-12	21.57
ILMN_1789400	FOXD2	-1.12	8.73	-8.82	4.74E-14	4.57E-12	21.57
ILMN_1760490	ACVR1	0.46	8.54	8.80	4.78E-14	4.59E-12	21.56
ILMN_3246401	AIF1L	0.59	8.37	8.80	4.93E-14	4.72E-12	21.53
ILMN_1785356	DENND5A	0.62	7.85	8.79	5.04E-14	4.81E-12	21.51
ILMN_1771467	TMIGD1	-1.76	8.99	-8.80	5.27E-14	5.02E-12	21.47
ILMN_1748591	ODC1	0.93	9.63	8.78	5.35E-14	5.08E-12	21.45
ILMN_1718718	MKKS	-0.48	8.83	-8.79	5.42E-14	5.14E-12	21.44
ILMN_1666536	VSIG2	-1.21	10.45	-8.78	5.44E-14	5.14E-12	21.43
ILMN_2149164	SFRP1	1.34	7.87	8.77	5.53E-14	5.21E-12	21.42
ILMN_2314417	HYAL1	0.70	7.04	8.77	5.56E-14	5.22E-12	21.41
ILMN_1799280	BDH1	-0.57	7.46	-8.77	5.59E-14	5.23E-12	21.41
ILMN_1659544	STX3	-0.61	9.08	-8.77	5.62E-14	5.25E-12	21.40
ILMN_2336595	ACSS2	-0.92	10.82	-8.76	5.80E-14	5.41E-12	21.37
ILMN_2142353	GRTP1	-0.65	8.05	-8.76	6.02E-14	5.59E-12	21.33
ILMN_1667239	INPP1	0.69	9.19	8.76	6.04E-14	5.59E-12	21.33
ILMN_1738401	FOXC1	0.66	7.16	8.76	6.22E-14	5.75E-12	21.30
ILMN_1801767	ABHD3	-0.78	8.97	-8.74	6.51E-14	6.00E-12	21.26
ILMN_1656369	C8orf4	1.36	8.66	8.74	6.60E-14	6.07E-12	21.24
ILMN_1656111	MYLIP	-0.58	9.34	-8.73	6.75E-14	6.19E-12	21.22
ILMN_1774334	HIGD2A	-0.41	10.29	-8.73	6.95E-14	6.36E-12	21.19
ILMN_2345898	SLA	0.82	7.94	8.74	6.97E-14	6.36E-12	21.19
ILMN_1662419	COX7A1	0.63	7.70	8.72	7.16E-14	6.51E-12	21.16
ILMN_2150654	ZSWIM4	0.47	7.66	8.72	7.19E-14	6.52E-12	21.16
ILMN_2210934	NR3C2	-0.78	9.60	-8.72	7.21E-14	6.52E-12	21.16
ILMN_1712075	SYNM	1.23	8.14	8.72	7.26E-14	6.55E-12	21.15

ILMN_1675062	MYL9	0.96	7.74	8.72	7.29E-14	6.56E-12	21.15
ILMN_1665884	REP15	-0.90	8.42	-8.74	7.64E-14	6.86E-12	21.11
ILMN_1733042	BCAS1	-0.85	9.25	-8.71	7.74E-14	6.93E-12	21.09
ILMN_2111237	MN1	0.37	6.82	8.70	7.91E-14	7.07E-12	21.07
ILMN_1756898	COQ9	-0.51	9.31	-8.70	8.01E-14	7.13E-12	21.05
ILMN_2397028	SERPINB8	0.42	6.83	8.70	8.07E-14	7.17E-12	21.05
ILMN_1737993	ERBB3	-0.45	7.22	-8.69	8.33E-14	7.38E-12	21.02
ILMN_1781010	ARHGEF3	0.50	8.65	8.69	8.56E-14	7.57E-12	20.99
ILMN_1702125	HOXB7	-0.59	8.54	-8.68	8.69E-14	7.66E-12	20.97
ILMN_1659895	MSN	0.93	9.20	8.68	8.81E-14	7.75E-12	20.96
ILMN_1726245	TGFBR2	0.67	9.72	8.68	8.88E-14	7.79E-12	20.95
ILMN_2167758	CILP	0.58	6.81	8.68	8.97E-14	7.85E-12	20.94
ILMN_1760593	CRY1	0.51	7.51	8.67	9.09E-14	7.93E-12	20.93
ILMN_1912185	GPC6	0.74	8.06	8.67	9.10E-14	7.93E-12	20.93
ILMN_1736112	ARHGAP10	0.34	6.71	8.67	9.21E-14	7.98E-12	20.92
ILMN_1803348	EHBP1	0.45	8.28	8.67	9.20E-14	7.98E-12	20.92
ILMN_1893697	NA	0.40	7.00	8.67	9.30E-14	8.03E-12	20.91
ILMN_1751561	CAMK1D	-0.52	7.44	-8.67	9.46E-14	8.16E-12	20.89
ILMN_1768925	C1QTNF3	0.30	6.57	8.66	9.66E-14	8.31E-12	20.87
ILMN_1731349	HOXA13	-0.56	7.76	-8.66	9.75E-14	8.36E-12	20.86
ILMN_1701877	AXL	0.71	8.07	8.66	9.84E-14	8.42E-12	20.85
ILMN_3239643	LOC389332	-0.55	7.18	-8.65	9.98E-14	8.52E-12	20.84
ILMN_1741003	ANXA5	0.87	9.70	8.65	1.01E-13	8.56E-12	20.83
ILMN_1674009	TKTL1	-0.60	7.34	-8.67	1.01E-13	8.60E-12	20.83
ILMN_1708107	DPT	0.78	7.41	8.65	1.03E-13	8.76E-12	20.80
ILMN_1793990	ID2	-0.73	9.07	-8.64	1.05E-13	8.87E-12	20.79
ILMN_1794399	SNRK	0.52	8.53	8.64	1.09E-13	9.16E-12	20.76
ILMN_2308849	MYADM	0.77	10.49	8.64	1.10E-13	9.23E-12	20.75
ILMN_1682799	STAMBPL1	0.44	9.15	8.63	1.11E-13	9.31E-12	20.74
ILMN_1793829	TMCO1	-0.52	11.00	-8.63	1.12E-13	9.37E-12	20.73
ILMN_1702065	MFSD5	-0.36	7.86	-8.63	1.13E-13	9.43E-12	20.72
ILMN_2380163	PTPRF	-0.79	10.96	-8.64	1.14E-13	9.52E-12	20.71
ILMN_1704294	CDH3	0.78	6.86	8.62	1.18E-13	9.81E-12	20.67
ILMN_2075603	MRGPRF	0.38	6.73	8.63	1.18E-13	9.81E-12	20.68
ILMN_1778337	HNF1B	-0.48	7.38	-8.63	1.22E-13	1.01E-11	20.64
ILMN_1699489	TUBB6	0.66	7.35	8.61	1.23E-13	1.01E-11	20.64
ILMN_1778668	TAGLN	1.22	11.25	8.61	1.25E-13	1.03E-11	20.62
ILMN_1784884	LILRB3	0.63	7.07	8.62	1.26E-13	1.04E-11	20.61
ILMN_1728785	ADGRF5	0.62	8.18	8.61	1.27E-13	1.04E-11	20.60
ILMN_1785646	PMP22	1.02	10.12	8.60	1.31E-13	1.07E-11	20.58
ILMN_1759948	RNF5P1	-0.59	8.99	-8.60	1.34E-13	1.09E-11	20.55
ILMN_1677108	CAPN13	-1.34	8.65	-8.59	1.40E-13	1.14E-11	20.51
ILMN_2279961	LAMP2	0.47	9.25	8.58	1.43E-13	1.16E-11	20.49
ILMN_2234187	CDO1	0.31	6.54	8.59	1.44E-13	1.16E-11	20.48
ILMN_1798081	PTPRF	-0.75	9.17	-8.58	1.48E-13	1.19E-11	20.46
ILMN_1794074	MXI1	-0.59	7.23	-8.57	1.50E-13	1.21E-11	20.44
ILMN_1704500	STAP2	-0.63	7.71	-8.57	1.53E-13	1.23E-11	20.42
ILMN_1704173	AIFM3	-0.51	6.96	-8.57	1.55E-13	1.24E-11	20.41

ILMN_2138589	MERTK	0.64	7.73	8.56	1.56E-13	1.25E-11	20.40
ILMN_1733453	RHOQ	0.61	7.47	8.56	1.57E-13	1.26E-11	20.39
ILMN_1796106	MGAT4B	-0.57	8.25	-8.56	1.63E-13	1.30E-11	20.36
ILMN_1771376	PEA15	0.62	9.09	8.55	1.72E-13	1.37E-11	20.31
ILMN_1781700	IL18R1	0.65	7.31	8.54	1.73E-13	1.37E-11	20.30
ILMN_2186061	PFKFB3	1.19	8.99	8.54	1.76E-13	1.39E-11	20.28
ILMN_1744293	CDHR5	-0.83	8.32	-8.54	1.78E-13	1.40E-11	20.28
ILMN_1682910	SLC35B3	-0.36	8.28	-8.53	1.88E-13	1.48E-11	20.22
ILMN_1803180	PRDX6	-0.76	11.50	-8.54	1.88E-13	1.48E-11	20.22
ILMN_1728009	TMEM171	-0.86	8.11	-8.52	1.90E-13	1.49E-11	20.21
ILMN_1786396	ZZEF1	-0.55	9.00	-8.52	1.94E-13	1.52E-11	20.19
ILMN_1767470	SCPEP1	0.57	8.23	8.52	1.98E-13	1.54E-11	20.17
ILMN_2367113	CASP6	-0.55	8.06	-8.52	1.98E-13	1.54E-11	20.17
ILMN_1776993	COG2	-0.33	8.25	-8.51	2.02E-13	1.56E-11	20.15
ILMN_1802192	C10orf99	-1.75	10.19	-8.53	2.01E-13	1.56E-11	20.16
ILMN_1759023	WFS1	0.48	7.95	8.51	2.04E-13	1.58E-11	20.14
ILMN_1779735	LAMTOR4	-0.73	9.80	-8.50	2.10E-13	1.62E-11	20.11
ILMN_1656560	PARM1	-0.75	11.16	-8.50	2.13E-13	1.64E-11	20.10
ILMN_1809291	TSPAN7	-0.79	8.63	-8.51	2.17E-13	1.66E-11	20.08
ILMN_1864685	NA	0.42	6.94	8.50	2.17E-13	1.66E-11	20.08
ILMN_1765557	OLFML2B	0.38	6.62	8.50	2.20E-13	1.68E-11	20.06
ILMN_1787526	C2orf88	-1.18	9.38	-8.51	2.22E-13	1.69E-11	20.06
ILMN_3256325	CYB561D1	-0.52	8.74	-8.49	2.23E-13	1.69E-11	20.05
ILMN_1666122	HEG1	0.43	7.75	8.49	2.27E-13	1.72E-11	20.04
ILMN_1695299	PDLIM3	0.72	7.61	8.49	2.28E-13	1.73E-11	20.03
ILMN_1693941	IGSF9	-0.71	7.45	-8.49	2.29E-13	1.73E-11	20.03
ILMN_1690963	ASAP1	0.59	8.42	8.48	2.34E-13	1.76E-11	20.01
ILMN_1792508	TMEM59	-0.49	12.28	-8.48	2.36E-13	1.77E-11	20.00
ILMN_1746359	RERG	0.49	7.10	8.47	2.45E-13	1.84E-11	19.96
ILMN_2364971	PPP2R5C	0.57	7.98	8.47	2.49E-13	1.87E-11	19.94
ILMN_1677239	CCDC14	-0.57	10.09	-8.47	2.50E-13	1.87E-11	19.94
ILMN_1654385	ASB13	-0.38	7.36	-8.47	2.55E-13	1.90E-11	19.92
ILMN_1798528	SULT1A2	-0.75	7.49	-8.47	2.55E-13	1.90E-11	19.92
ILMN_1876924	WNK1	0.34	8.62	8.46	2.61E-13	1.94E-11	19.90
ILMN_1656482	OSBPL2	-0.34	8.66	-8.45	2.69E-13	1.99E-11	19.87
ILMN_1703433	NA	0.58	8.86	8.45	2.81E-13	2.08E-11	19.83
ILMN_2128770	CDR2L	0.64	7.43	8.45	2.82E-13	2.08E-11	19.82
ILMN_1664931	GTF2E2	0.45	9.59	8.44	2.86E-13	2.10E-11	19.81
ILMN_1752968	LAMB2	0.48	7.49	8.44	2.88E-13	2.11E-11	19.80
ILMN_2197365	RGS2	1.10	9.66	8.44	2.88E-13	2.11E-11	19.80
ILMN_1812581	RNF14	-0.86	7.59	-8.44	2.93E-13	2.14E-11	19.79
ILMN_1795561	CAMK1D	-0.46	7.28	-8.44	2.95E-13	2.15E-11	19.78
ILMN_1750312	SLC51B	-1.15	7.93	-8.42	3.14E-13	2.29E-11	19.72
ILMN_2230566	RAB40B	-0.66	8.89	-8.42	3.23E-13	2.35E-11	19.69
ILMN_1714891	OR2A14	-0.51	7.11	-8.42	3.25E-13	2.36E-11	19.68
ILMN_1815057	PDGFRB	0.83	8.42	8.41	3.30E-13	2.39E-11	19.67
ILMN_2110908	MYC	0.67	7.99	8.41	3.39E-13	2.45E-11	19.64
ILMN_2136455	EOGT	0.41	7.73	8.41	3.41E-13	2.46E-11	19.64

ILMN_1789196	TPM2	1.13	10.32	8.41	3.42E-13	2.46E-11	19.63
ILMN_1671583	MKRN1	-0.51	11.05	-8.40	3.46E-13	2.49E-11	19.62
ILMN_1906187	CAMK1D	-0.75	8.33	-8.40	3.61E-13	2.59E-11	19.58
ILMN_1679949	SLC25A23	-0.78	9.65	-8.39	3.67E-13	2.63E-11	19.56
ILMN_1702487	SGK1	1.12	10.61	8.39	3.70E-13	2.64E-11	19.56
ILMN_2285802	SEC14L1	0.51	7.14	8.39	3.78E-13	2.69E-11	19.54
ILMN_2415179	CLSTN1	-0.52	10.58	-8.39	3.79E-13	2.70E-11	19.53
ILMN_1700081	FST	0.67	6.78	8.38	3.88E-13	2.75E-11	19.51
ILMN_1652456	TMEM98	-0.57	7.58	-8.39	3.93E-13	2.78E-11	19.50
ILMN_2254962	ACSS2	-0.34	6.74	-8.38	3.93E-13	2.78E-11	19.50
ILMN_1706498	DSE	0.56	8.09	8.38	3.95E-13	2.78E-11	19.49
ILMN_2388263	HEPACAM2	-1.15	8.84	-8.37	4.10E-13	2.88E-11	19.46
ILMN_1777906	MAP7D1	0.43	9.46	8.37	4.17E-13	2.92E-11	19.44
ILMN_2330341	TCEAL4	0.50	7.51	8.37	4.17E-13	2.92E-11	19.44
ILMN_1773963	GNA15	0.54	7.12	8.37	4.19E-13	2.92E-11	19.44
ILMN_3240117	AIDA	0.33	9.66	8.37	4.19E-13	2.92E-11	19.44
ILMN_1794742	HES5	-0.51	6.99	-8.36	4.25E-13	2.96E-11	19.42
ILMN_1782419	GNG11	0.61	8.42	8.36	4.28E-13	2.98E-11	19.41
ILMN_1670672	TMEM37	-0.66	7.31	-8.36	4.37E-13	3.03E-11	19.40
ILMN_2368318	FGR	0.81	7.48	8.35	4.45E-13	3.08E-11	19.38
ILMN_1748840	CALB2	0.57	6.88	8.35	4.48E-13	3.09E-11	19.37
ILMN_2094061	IMPA2	-0.63	9.27	-8.35	4.52E-13	3.12E-11	19.36
ILMN_1757440	FAM69B	0.28	6.62	8.35	4.53E-13	3.12E-11	19.36
ILMN_1661895	PI15	0.69	7.09	8.35	4.56E-13	3.13E-11	19.35
ILMN_1706687	KLHL5	0.77	8.03	8.34	4.67E-13	3.20E-11	19.33
ILMN_1735415	NUDT16L1	-0.43	7.75	-8.34	4.82E-13	3.30E-11	19.30
ILMN_1756595	SH3TC1	0.40	6.78	8.33	4.92E-13	3.36E-11	19.28
ILMN_2169152	SRGN	1.64	9.80	8.33	5.02E-13	3.42E-11	19.26
ILMN_1657683	C1orf198	0.32	7.41	8.33	5.07E-13	3.45E-11	19.25
ILMN_1702501	RPS6KA2	0.53	7.86	8.34	5.15E-13	3.50E-11	19.24
ILMN_1657631	STAP2	-0.60	7.85	-8.32	5.17E-13	3.50E-11	19.23
ILMN_1680037	FAM65A	0.49	7.80	8.32	5.18E-13	3.50E-11	19.23
ILMN_1694240	MAP2K1	0.42	8.91	8.32	5.25E-13	3.54E-11	19.22
ILMN_1719759	TNC	1.17	8.11	8.32	5.26E-13	3.54E-11	19.21
ILMN_2331087	MS4A7	0.65	7.54	8.31	5.61E-13	3.77E-11	19.15
ILMN_1681754	GGH	-0.81	8.96	-8.30	5.69E-13	3.82E-11	19.14
ILMN_2340259	PDE4B	0.94	7.52	8.30	5.70E-13	3.82E-11	19.13
ILMN_1762207	SGSM1	-0.48	7.20	-8.30	5.75E-13	3.84E-11	19.13
ILMN_1695157	CA4	-2.10	10.80	-8.30	5.77E-13	3.85E-11	19.12
ILMN_2266595	LILRA5	0.60	6.97	8.31	5.85E-13	3.90E-11	19.11
ILMN_1751576	TEK	0.49	7.48	8.29	6.00E-13	3.98E-11	19.08
ILMN_1765021	TOP3B	-0.31	7.47	-8.29	5.99E-13	3.98E-11	19.09
ILMN_1803813	ASTE1	-0.34	7.47	-8.29	6.10E-13	4.03E-11	19.07
ILMN_1804737	RAVER2	-0.81	9.06	-8.29	6.11E-13	4.03E-11	19.07
ILMN_1717477	PSD3	-0.38	7.55	-8.29	6.17E-13	4.07E-11	19.06
ILMN_1668283	HYAL2	0.38	7.18	8.30	6.28E-13	4.13E-11	19.04
ILMN_1713462	AQP8	-3.11	10.71	-8.28	6.52E-13	4.28E-11	19.00
ILMN_1767816	APH1B	0.46	7.08	8.28	6.53E-13	4.28E-11	19.00

ILMN_2100815	TMEM9B	-0.42	9.59	-8.27	6.58E-13	4.31E-11	18.99
ILMN_2074477	GPR4	0.25	6.47	8.27	6.65E-13	4.34E-11	18.98
ILMN_1691076	TEX11	-0.55	6.99	-8.27	6.74E-13	4.39E-11	18.97
ILMN_1809099	IL33	0.76	7.40	8.27	6.79E-13	4.41E-11	18.96
ILMN_1793267	ETHE1	-0.53	7.57	-8.28	6.83E-13	4.43E-11	18.96
ILMN_1737089	CAPN5	-0.75	10.38	-8.26	7.01E-13	4.54E-11	18.93
ILMN_1801833	ARHGAP24	0.36	7.11	8.26	7.03E-13	4.54E-11	18.93
ILMN_1674034	H2AFY	-0.39	8.55	-8.26	7.11E-13	4.59E-11	18.92
ILMN_2104141	FGD5	0.38	7.06	8.25	7.45E-13	4.79E-11	18.87
ILMN_2381296	GSTZ1	-0.30	7.25	-8.25	7.44E-13	4.79E-11	18.87
ILMN_1802205	RHOB	0.92	8.11	8.25	7.49E-13	4.81E-11	18.87
ILMN_1686370	PHYKPL	-0.32	6.99	-8.25	7.55E-13	4.83E-11	18.86
ILMN_1713505	NPC1	0.52	8.09	8.25	7.56E-13	4.83E-11	18.86
ILMN_2072568	CLDN8	-2.53	8.99	-8.25	7.55E-13	4.83E-11	18.86
ILMN_2384237	STAP2	-0.65	7.75	-8.23	8.00E-13	5.10E-11	18.80
ILMN_3191756	SATB2-AS1	-0.92	7.13	-8.23	8.03E-13	5.11E-11	18.80
ILMN_1781231	SLC25A38	-0.36	7.45	-8.23	8.09E-13	5.14E-11	18.79
ILMN_1760556	NA	-0.52	9.22	-8.23	8.17E-13	5.18E-11	18.78
ILMN_3187462	TMEM253	-0.72	8.07	-8.23	8.18E-13	5.18E-11	18.78
ILMN_1754894	C1orf162	0.88	8.70	8.23	8.33E-13	5.26E-11	18.76
ILMN_1669550	MAD2L2	0.51	7.74	8.22	8.40E-13	5.28E-11	18.76
ILMN_2285817	FAM89A	0.48	7.29	8.22	8.40E-13	5.28E-11	18.76
ILMN_1777644	INPP5J	-0.62	7.53	-8.22	8.43E-13	5.28E-11	18.75
ILMN_2410924	PLOD2	-0.73	8.09	-8.22	8.42E-13	5.28E-11	18.75
ILMN_1681777	SHROOM2	-0.40	6.83	-8.22	8.59E-13	5.37E-11	18.73
ILMN_1713892	SMIM14	-0.48	10.99	-8.22	8.68E-13	5.42E-11	18.72
ILMN_1738552	SLC1A3	0.43	6.81	8.22	8.70E-13	5.42E-11	18.72
ILMN_2213297	C11orf54	-0.51	8.83	-8.23	8.75E-13	5.45E-11	18.72
ILMN_2324002	CALD1	0.79	8.07	8.22	8.77E-13	5.45E-11	18.71
ILMN_1794951	SLC39A5	-1.13	8.96	-8.21	8.93E-13	5.53E-11	18.70
ILMN_1746676	CLDN8	-2.27	8.82	-8.21	8.96E-13	5.54E-11	18.69
ILMN_2357730	CDK20	-0.41	7.39	-8.22	9.13E-13	5.64E-11	18.68
ILMN_1813604	NDUFB7	-0.52	9.98	-8.21	9.22E-13	5.69E-11	18.66
ILMN_1735578	GUCA2B	-1.81	8.99	-8.20	9.34E-13	5.73E-11	18.65
ILMN_1811303	NR5A2	-0.70	8.08	-8.20	9.33E-13	5.73E-11	18.65
ILMN_2412214	LGALS9	-0.43	8.07	-8.20	9.34E-13	5.73E-11	18.65
ILMN_1814856	CACFD1	-0.43	7.34	-8.20	9.46E-13	5.79E-11	18.64
ILMN_1701244	ITFG2	-0.31	8.20	-8.19	9.74E-13	5.95E-11	18.61
ILMN_2343097	NCALD	0.52	7.73	8.19	9.86E-13	6.02E-11	18.60
ILMN_1782305	NR4A2	1.50	8.00	8.19	9.96E-13	6.06E-11	18.59
ILMN_1812968	SOX18	0.70	8.21	8.18	1.05E-12	6.36E-11	18.54
ILMN_1815154	MYH10	0.55	7.90	8.18	1.05E-12	6.36E-11	18.54
ILMN_1659913	ISG20	1.03	9.87	8.18	1.06E-12	6.40E-11	18.53
ILMN_1684086	BDKRB2	-0.76	7.83	-8.18	1.06E-12	6.41E-11	18.53
ILMN_1674706	MTHFD2	0.49	7.92	8.17	1.07E-12	6.48E-11	18.52
ILMN_1745954	CORO1C	0.42	7.64	8.17	1.09E-12	6.59E-11	18.50
ILMN_3243185	RERGL	0.88	7.04	8.17	1.11E-12	6.66E-11	18.49
ILMN_1720829	ZFP36	0.96	10.66	8.17	1.12E-12	6.74E-11	18.47

ILMN_1744517	GNS	0.32	10.85	8.17	1.12E-12	6.74E-11	18.47
ILMN_1793476	PRKCDBP	0.62	7.96	8.16	1.16E-12	6.93E-11	18.44
ILMN_1772731	HAGH	-0.37	8.78	-8.16	1.18E-12	7.04E-11	18.42
ILMN_2371280	CSF3R	0.80	7.14	8.16	1.18E-12	7.04E-11	18.42
ILMN_1667050	PRPS1	0.49	7.94	8.15	1.22E-12	7.24E-11	18.39
ILMN_1801421	EMD	0.43	9.00	8.16	1.25E-12	7.41E-11	18.37
ILMN_2329735	ECM1	0.54	7.56	8.14	1.25E-12	7.41E-11	18.37
ILMN_1788019	LAMA2	0.39	6.85	8.14	1.29E-12	7.63E-11	18.34
ILMN_2062714	PTGDR	-0.78	7.43	-8.14	1.29E-12	7.66E-11	18.33
ILMN_1739496	PRRX1	0.71	7.45	8.14	1.30E-12	7.68E-11	18.33
ILMN_2062468	IGFBP7	0.90	9.99	8.13	1.32E-12	7.78E-11	18.31
ILMN_1737988	PRNP	0.64	10.33	8.13	1.33E-12	7.78E-11	18.31
ILMN_1812995	CTSL	0.91	9.60	8.13	1.32E-12	7.78E-11	18.31
ILMN_1738652	BAD	-0.37	7.48	-8.13	1.33E-12	7.79E-11	18.31
ILMN_1745607	A2M	0.70	9.76	8.13	1.34E-12	7.86E-11	18.30
ILMN_1668411	FHL2	0.69	10.05	8.13	1.35E-12	7.89E-11	18.29
ILMN_1768940	COL15A1	0.65	7.87	8.13	1.37E-12	8.01E-11	18.28
ILMN_1682929	SYTL2	-0.72	9.51	-8.12	1.38E-12	8.05E-11	18.27
ILMN_1666546	DUSP14	0.45	7.07	8.12	1.42E-12	8.27E-11	18.24
ILMN_1699206	FHDC1	-0.42	7.31	-8.12	1.43E-12	8.30E-11	18.23
ILMN_1674817	C1orf115	-0.79	8.92	-8.12	1.43E-12	8.31E-11	18.23
ILMN_1676895	BTNL8	-0.74	7.58	-8.11	1.47E-12	8.52E-11	18.21
ILMN_2104356	COL1A2	1.19	9.90	8.11	1.50E-12	8.67E-11	18.19
ILMN_1680925	SLC9A3R1	-0.74	9.74	-8.11	1.51E-12	8.69E-11	18.18
ILMN_1713952	C1orf106	-0.77	9.96	-8.11	1.51E-12	8.69E-11	18.18
ILMN_3235853	S1PR1	0.46	6.87	8.10	1.53E-12	8.78E-11	18.17
ILMN_1742859	ACSS2	-0.34	6.84	-8.10	1.56E-12	8.94E-11	18.15
ILMN_1748751	C2CD4B	0.87	7.34	8.10	1.58E-12	9.07E-11	18.14
ILMN_1789283	PPP2R5C	0.46	7.93	8.09	1.63E-12	9.29E-11	18.11
ILMN_2222074	PTPN12	0.43	8.39	8.08	1.68E-12	9.59E-11	18.08
ILMN_1692962	CTDSP2	-0.43	9.98	-8.08	1.69E-12	9.62E-11	18.07
ILMN_1789364	ZNF789	-0.45	7.84	-8.07	1.77E-12	1.01E-10	18.02
ILMN_2337941	COPS8	0.40	8.46	8.07	1.81E-12	1.03E-10	18.00
ILMN_1714438	MUTYH	-0.35	7.99	-8.07	1.82E-12	1.03E-10	18.00
ILMN_1789653	PBLD	-0.47	7.12	-8.07	1.83E-12	1.04E-10	17.99
ILMN_3235647	SIK1	0.75	6.94	8.06	1.86E-12	1.05E-10	17.98
ILMN_2352131	ERBB2	-0.61	9.61	-8.06	1.87E-12	1.05E-10	17.97
ILMN_1658995	ACOT9	0.49	7.58	8.06	1.88E-12	1.06E-10	17.97
ILMN_2180885	CWH43	-0.89	7.49	-8.06	1.88E-12	1.06E-10	17.97
ILMN_2357542	VIP	0.92	7.07	8.06	1.91E-12	1.07E-10	17.95
ILMN_3244065	C9orf69	-0.43	8.39	-8.05	1.97E-12	1.10E-10	17.92
ILMN_1690040	TM7SF2	-0.41	7.42	-8.05	2.00E-12	1.12E-10	17.91
ILMN_1682727	JAZF1	0.46	7.33	8.05	2.02E-12	1.13E-10	17.90
ILMN_1706021	TMPRSS4	-0.41	7.20	-8.05	2.03E-12	1.13E-10	17.89
ILMN_2405521	MTHFD2	0.68	8.10	8.06	2.03E-12	1.13E-10	17.90
ILMN_2276952	TSC22D3	0.41	6.54	8.04	2.05E-12	1.14E-10	17.89
ILMN_3249281	HOXA11-AS	-0.78	7.97	-8.04	2.05E-12	1.14E-10	17.88
ILMN_1740170	CHCHD10	-0.56	10.56	-8.04	2.07E-12	1.14E-10	17.87

ILMN_1789505	ITPR1	0.54	7.59	8.04	2.07E-12	1.14E-10	17.88
ILMN_1807493	ACVRL1	-0.34	7.48	-8.04	2.08E-12	1.15E-10	17.87
ILMN_2383229	A1CF	-0.80	8.56	-8.04	2.10E-12	1.16E-10	17.86
ILMN_1742390	FRMD1	-0.47	6.76	-8.04	2.11E-12	1.16E-10	17.86
ILMN_1720158	ETS2	0.50	10.00	8.04	2.13E-12	1.17E-10	17.85
ILMN_1702396	PACSIN2	-0.38	10.18	-8.04	2.14E-12	1.17E-10	17.84
ILMN_1755974	ALDOC	-0.72	8.08	-8.03	2.16E-12	1.18E-10	17.83
ILMN_1796737	NA	-0.80	8.37	-8.03	2.18E-12	1.19E-10	17.82
ILMN_1767448	LHFP	0.55	8.08	8.03	2.20E-12	1.20E-10	17.81
ILMN_1775708	SLC2A3	1.43	8.88	8.04	2.21E-12	1.20E-10	17.81
ILMN_3216017	BTNL8	-0.44	6.84	-8.01	2.36E-12	1.28E-10	17.75
ILMN_1713964	BTBD3	-0.53	8.39	-8.01	2.38E-12	1.29E-10	17.74
ILMN_1722294	CPNE8	-0.71	8.17	-8.01	2.38E-12	1.29E-10	17.74
ILMN_1813561	SCIN	-0.83	8.16	-8.01	2.40E-12	1.30E-10	17.73
ILMN_1807095	MRPS36	-0.31	7.38	-8.01	2.46E-12	1.33E-10	17.71
ILMN_2373779	COPS8	0.27	6.97	8.01	2.46E-12	1.33E-10	17.70
ILMN_1672503	DPYSL2	0.55	10.54	8.00	2.52E-12	1.36E-10	17.68
ILMN_1770610	MERTK	0.30	7.02	8.00	2.57E-12	1.39E-10	17.66
ILMN_1849186	ZNF704	-0.59	7.90	-8.00	2.58E-12	1.39E-10	17.66
ILMN_1803429	CD44	0.76	10.92	7.99	2.61E-12	1.40E-10	17.65
ILMN_1705522	SPAG1	-0.35	6.65	-7.99	2.66E-12	1.43E-10	17.63
ILMN_1753613	HOXA5	-0.94	9.09	-7.99	2.66E-12	1.43E-10	17.63
ILMN_1700652	CHAD	-0.28	6.57	-7.99	2.68E-12	1.43E-10	17.62
ILMN_1656501	DUSP5	1.09	8.83	7.99	2.73E-12	1.45E-10	17.60
ILMN_1778843	TMEM253	-0.57	7.40	-7.98	2.74E-12	1.46E-10	17.60
ILMN_1810420	DYSF	0.45	7.03	7.98	2.74E-12	1.46E-10	17.60
ILMN_3245564	ARHGAP44	-1.02	9.29	-7.98	2.75E-12	1.46E-10	17.60
ILMN_1687303	ACAD10	-0.38	7.40	-7.98	2.76E-12	1.46E-10	17.59
ILMN_1712673	SASH1	0.58	7.90	7.99	2.80E-12	1.48E-10	17.58
ILMN_2129234	TMEM47	0.67	7.87	7.98	2.82E-12	1.49E-10	17.57
ILMN_1687824	SEPHS2	-0.52	8.78	-7.98	2.83E-12	1.50E-10	17.57
ILMN_2175317	CYP4X1	0.46	6.90	7.98	2.85E-12	1.50E-10	17.56
ILMN_3245413	DENND5A	0.44	7.23	7.98	2.85E-12	1.50E-10	17.56
ILMN_1790098	OGN	0.63	7.18	7.97	2.90E-12	1.52E-10	17.55
ILMN_1743836	MXRA7	0.55	7.54	7.97	2.93E-12	1.54E-10	17.53
ILMN_1800642	RELN	0.34	6.74	7.97	2.95E-12	1.54E-10	17.53
ILMN_2105919	FGF2	0.54	6.97	7.97	2.95E-12	1.54E-10	17.53
ILMN_1727479	TPRG1L	-0.52	9.93	-7.97	2.99E-12	1.56E-10	17.51
ILMN_1723123	FGFR3	-1.12	8.94	-7.96	3.03E-12	1.58E-10	17.50
ILMN_1795158	FGR	0.60	7.27	7.96	3.05E-12	1.59E-10	17.50
ILMN_2379920	NXPE4	-1.17	8.95	-7.96	3.09E-12	1.61E-10	17.48
ILMN_1655117	WDR19	0.35	7.49	7.97	3.10E-12	1.61E-10	17.48
ILMN_1665331	AMT	-0.48	8.25	-7.96	3.10E-12	1.61E-10	17.48
ILMN_1657495	MLEC	-0.48	10.72	-7.96	3.16E-12	1.63E-10	17.46
ILMN_1710075	FAM89A	0.51	7.50	7.95	3.21E-12	1.65E-10	17.44
ILMN_1723706	GRAMD4	-0.56	8.53	-7.95	3.21E-12	1.65E-10	17.44
ILMN_2107991	HABP4	0.34	6.77	7.95	3.20E-12	1.65E-10	17.45
ILMN_3305938	SGK1	1.10	10.07	7.95	3.20E-12	1.65E-10	17.45

ILMN_2402817	ZBTB16	0.62	6.76	7.95	3.28E-12	1.69E-10	17.42
ILMN_1744725	BTBD6	-0.29	9.26	-7.95	3.31E-12	1.70E-10	17.41
ILMN_1866337	NA	-0.33	7.02	-7.94	3.35E-12	1.71E-10	17.40
ILMN_2319952	VDR	-0.50	7.51	-7.94	3.34E-12	1.71E-10	17.41
ILMN_2183409	SCARB1	-0.41	7.59	-7.94	3.44E-12	1.76E-10	17.38
ILMN_2367883	GEM	1.03	7.29	7.94	3.44E-12	1.76E-10	17.38
ILMN_1738657	SATB2	-1.06	9.74	-7.93	3.54E-12	1.80E-10	17.35
ILMN_1676893	ADCY3	0.50	9.17	7.93	3.56E-12	1.81E-10	17.34
ILMN_1764764	MUM1	-0.44	8.24	-7.93	3.57E-12	1.82E-10	17.34
ILMN_1652722	C14orf2	-0.37	8.46	-7.93	3.64E-12	1.85E-10	17.32
ILMN_1720461	SLC17A4	-0.80	7.53	-7.92	3.67E-12	1.86E-10	17.31
ILMN_1663866	TGFBI	0.98	10.48	7.92	3.72E-12	1.88E-10	17.30
ILMN_1670452	NA	-0.52	7.07	-7.93	3.72E-12	1.88E-10	17.30
ILMN_2124361	LEAP2	-0.59	7.38	-7.92	3.76E-12	1.90E-10	17.29
ILMN_1694759	SMIM7	-0.31	8.31	-7.92	3.83E-12	1.92E-10	17.27
ILMN_1703205	EDN3	-0.83	7.89	-7.92	3.84E-12	1.92E-10	17.27
ILMN_1798706	GPR183	1.11	8.14	7.92	3.83E-12	1.92E-10	17.27
ILMN_1666894	CSPG4	0.42	6.90	7.91	3.87E-12	1.94E-10	17.26
ILMN_1748844	CNKSR3	-0.56	8.43	-7.91	3.91E-12	1.95E-10	17.25
ILMN_1700896	SAP30	0.44	7.28	7.91	3.97E-12	1.99E-10	17.24
ILMN_1770800	PODN	0.60	7.29	7.90	4.10E-12	2.04E-10	17.21
ILMN_1811330	FAM134B	-0.57	7.97	-7.90	4.20E-12	2.09E-10	17.18
ILMN_3258356	RPSAP52	-0.37	7.33	-7.90	4.22E-12	2.10E-10	17.18
ILMN_1768004	PDCD4	-0.64	8.26	-7.89	4.27E-12	2.12E-10	17.17
ILMN_1779071	FEZ1	0.43	7.42	7.89	4.30E-12	2.13E-10	17.16
ILMN_1779228	CDH2	0.34	6.89	7.89	4.38E-12	2.17E-10	17.14
ILMN_1785252	SLC26A6	-0.62	9.42	-7.89	4.46E-12	2.20E-10	17.12
ILMN_1704369	LIMA1	-0.49	10.15	-7.88	4.51E-12	2.23E-10	17.11
ILMN_1811593	NIPAL1	-0.57	7.37	-7.88	4.66E-12	2.30E-10	17.08
ILMN_2121408	HBEGF	1.22	8.34	7.87	4.72E-12	2.33E-10	17.07
ILMN_1705750	TGM2	0.70	8.33	7.87	4.86E-12	2.39E-10	17.04
ILMN_1738921	ACAA1	-0.65	8.79	-7.87	4.88E-12	2.40E-10	17.03
ILMN_1671058	CDX2	-1.17	9.31	-7.87	4.89E-12	2.40E-10	17.03
ILMN_2124471	SLC36A1	-0.63	7.65	-7.86	4.97E-12	2.44E-10	17.02
ILMN_1743104	RBM4B	-0.27	7.95	-7.86	5.01E-12	2.45E-10	17.01
ILMN_1777190	CFD	1.24	10.35	7.86	5.05E-12	2.46E-10	17.00
ILMN_2320888	CXCR4	0.89	7.32	7.86	5.16E-12	2.51E-10	16.98
ILMN_1676891	CDK19	-0.40	8.50	-7.85	5.18E-12	2.52E-10	16.98
ILMN_2056087	IGF1	0.39	6.70	7.85	5.25E-12	2.55E-10	16.96
ILMN_1683175	RPP25L	-0.38	8.32	-7.85	5.30E-12	2.57E-10	16.95
ILMN_2367010	ADGRG6	0.61	7.33	7.85	5.33E-12	2.58E-10	16.95
ILMN_3235709	HNF1B	-0.50	7.51	-7.85	5.35E-12	2.59E-10	16.95
ILMN_1806710	ESPN	-0.50	7.05	-7.85	5.36E-12	2.59E-10	16.94
ILMN_1708337	NOXO1	-0.56	7.46	-7.84	5.47E-12	2.64E-10	16.92
ILMN_1655225	C19orf25	-0.27	7.03	-7.84	5.58E-12	2.69E-10	16.90
ILMN_1811050	CCDC88A	0.25	6.67	7.84	5.59E-12	2.69E-10	16.90
ILMN_2312709	LCMT1	-0.44	9.40	-7.84	5.58E-12	2.69E-10	16.90
ILMN_2364521	AXL	0.64	7.97	7.84	5.61E-12	2.69E-10	16.90

ILMN_1733341	FAM227A	-0.44	6.71	-7.84	5.64E-12	2.71E-10	16.89
ILMN_1653718	ZFAND2B	-0.39	8.52	-7.83	5.84E-12	2.79E-10	16.86
ILMN_2049303	ECI1	-0.44	8.06	-7.83	5.89E-12	2.81E-10	16.85
ILMN_1692464	TTC38	-0.60	8.96	-7.82	6.07E-12	2.90E-10	16.82
ILMN_1810584	IL1R1	0.65	7.22	7.82	6.25E-12	2.97E-10	16.79
ILMN_2125374	CMAS	-0.51	9.73	-7.83	6.24E-12	2.97E-10	16.80
ILMN_1735877	EFEMP1	0.70	8.03	7.81	6.33E-12	3.01E-10	16.78
ILMN_1794056	DNAJB5	0.36	6.79	7.81	6.40E-12	3.04E-10	16.77
ILMN_1870111	NA	0.39	6.94	7.81	6.55E-12	3.11E-10	16.75
ILMN_1733110	RASSF7	-0.63	10.08	-7.80	6.66E-12	3.16E-10	16.73
ILMN_3243705	PDXDC1	-0.36	10.61	-7.80	6.67E-12	3.16E-10	16.73
ILMN_2092118	FPR1	0.65	6.85	7.80	6.76E-12	3.19E-10	16.72
ILMN_2207419	INTS6L	-0.29	6.98	-7.80	6.80E-12	3.21E-10	16.71
ILMN_3260715	CRTC3	0.40	8.40	7.80	6.81E-12	3.21E-10	16.71
ILMN_1655796	3-Mar	-0.42	8.72	-7.80	6.90E-12	3.25E-10	16.70
ILMN_1710644	MARVELD3	-0.67	8.84	-7.79	7.01E-12	3.29E-10	16.68
ILMN_1780236	PMM1	-0.61	8.78	-7.79	7.06E-12	3.31E-10	16.67
ILMN_1806349	SLC6A8	-0.61	7.43	-7.79	7.14E-12	3.35E-10	16.66
ILMN_1651557	KDELC2	0.42	8.25	7.79	7.27E-12	3.40E-10	16.65
ILMN_3246962	SPECC1L	-0.41	7.55	-7.79	7.27E-12	3.40E-10	16.65
ILMN_1711888	COBL	-0.63	9.08	-7.78	7.32E-12	3.41E-10	16.64
ILMN_1796336	MAP1S	0.23	7.37	7.78	7.31E-12	3.41E-10	16.64
ILMN_1780058	DEGS1	0.51	9.17	7.78	7.37E-12	3.43E-10	16.63
ILMN_1740523	KTN1	-0.58	7.65	-7.78	7.44E-12	3.46E-10	16.62
ILMN_1783337	DECR2	-0.57	8.05	-7.78	7.48E-12	3.46E-10	16.62
ILMN_1799139	PLOD2	-0.27	6.87	-7.78	7.46E-12	3.46E-10	16.62
ILMN_2374036	CTSL	0.84	9.89	7.80	7.47E-12	3.46E-10	16.63
ILMN_2243308	ACVR1B	-0.65	9.26	-7.77	7.92E-12	3.66E-10	16.56
ILMN_2413615	LLGL2	-0.43	7.03	-7.76	8.05E-12	3.72E-10	16.55
ILMN_2352563	CLDND1	0.41	9.21	7.76	8.14E-12	3.75E-10	16.54
ILMN_1763540	PSME4	0.45	9.06	7.76	8.18E-12	3.76E-10	16.53
ILMN_1655595	SERPINE2	0.98	9.57	7.76	8.23E-12	3.78E-10	16.52
ILMN_2199439	CA2	-1.05	11.53	-7.76	8.23E-12	3.78E-10	16.52
ILMN_1699357	SLC22A5	-0.82	8.11	-7.76	8.27E-12	3.79E-10	16.52
ILMN_1717793	C19orf33	-0.76	9.69	-7.76	8.27E-12	3.79E-10	16.52
ILMN_1687301	VCAN	0.70	8.12	7.76	8.28E-12	3.79E-10	16.52
ILMN_2148847	AKIRIN2	0.43	8.51	7.76	8.31E-12	3.80E-10	16.51
ILMN_1810054	CNN1	0.96	7.41	7.76	8.35E-12	3.81E-10	16.51
ILMN_1684836	AKAP12	0.56	7.17	7.76	8.41E-12	3.83E-10	16.50
ILMN_1687978	PHLDA1	1.48	8.03	7.75	8.52E-12	3.87E-10	16.49
ILMN_1736806	PAG1	-0.48	7.61	-7.75	8.62E-12	3.92E-10	16.48
ILMN_2375992	SPINT1	-0.54	7.91	-7.75	8.66E-12	3.93E-10	16.47
ILMN_1691290	CELSR3	0.50	7.07	7.75	8.69E-12	3.94E-10	16.47
ILMN_1680874	TUBB2B	0.66	7.41	7.74	8.87E-12	4.01E-10	16.45
ILMN_1726928	TCEA3	-0.75	10.56	-7.74	8.87E-12	4.01E-10	16.45
ILMN_1667295	VASN	0.67	7.53	7.74	8.90E-12	4.01E-10	16.45
ILMN_1790529	LUM	1.29	10.66	7.74	8.91E-12	4.01E-10	16.45
ILMN_1741148	ALDOA	-0.37	10.45	-7.74	8.94E-12	4.03E-10	16.44

ILMN_2065022	ARHGAP44	-0.94	8.84	-7.74	8.95E-12	4.03E-10	16.44
ILMN_1690982	DDT	-0.46	10.73	-7.74	9.12E-12	4.09E-10	16.42
ILMN_1779875	THY1	0.84	7.75	7.74	9.13E-12	4.09E-10	16.42
ILMN_1671703	ACTA2	0.88	11.99	7.74	9.25E-12	4.14E-10	16.41
ILMN_2366714	UQCR10	-0.36	7.84	-7.73	9.33E-12	4.17E-10	16.40
ILMN_1663519	SLC24A3	0.36	7.41	7.73	9.38E-12	4.19E-10	16.40
ILMN_1734897	SLC4A4	-1.12	9.89	-7.73	9.64E-12	4.30E-10	16.37
ILMN_1669362	IGFBP6	0.82	7.62	7.73	9.72E-12	4.33E-10	16.36
ILMN_1802397	GNA11	-0.66	9.23	-7.72	9.84E-12	4.38E-10	16.35
ILMN_1669788	NUDT14	-0.42	8.19	-7.72	9.90E-12	4.40E-10	16.34
ILMN_1658847	NRARP	-0.88	9.93	-7.72	9.94E-12	4.41E-10	16.34
ILMN_1654324	HEYL	0.47	7.14	7.72	1.00E-11	4.45E-10	16.33
ILMN_2400372	SULT1A2	-0.74	8.70	-7.72	1.02E-11	4.51E-10	16.31
ILMN_1663716	CDHR1	-0.92	7.52	-7.71	1.03E-11	4.57E-10	16.30
ILMN_2289849	FCGR2A	0.59	7.07	7.71	1.05E-11	4.65E-10	16.28
ILMN_1793888	SERPINB5	1.85	8.45	7.71	1.06E-11	4.66E-10	16.28
ILMN_1775762	GNAI2	0.56	8.68	7.71	1.06E-11	4.66E-10	16.28
ILMN_1761560	PHF13	0.36	8.29	7.71	1.07E-11	4.72E-10	16.27
ILMN_1791280	HSPB8	0.51	6.88	7.70	1.09E-11	4.78E-10	16.25
ILMN_1706764	GOLPH3L	-0.43	8.60	-7.70	1.10E-11	4.83E-10	16.24
ILMN_1767113	AOX1	0.44	6.57	7.71	1.11E-11	4.86E-10	16.24
ILMN_1740571	OCLN	-0.46	7.83	-7.70	1.11E-11	4.86E-10	16.23
ILMN_2400935	TAGLN	1.13	8.67	7.70	1.12E-11	4.91E-10	16.22
ILMN_1757387	UCHL1	0.37	6.74	7.69	1.13E-11	4.94E-10	16.21
ILMN_1703330	FEM1C	0.34	9.04	7.69	1.13E-11	4.94E-10	16.21
ILMN_3180557	CYB561D1	-0.36	7.37	-7.69	1.16E-11	5.04E-10	16.19
ILMN_1692938	PSAT1	0.64	7.23	7.69	1.17E-11	5.08E-10	16.18
ILMN_2367215	PRCP	0.40	8.36	7.68	1.21E-11	5.25E-10	16.15
ILMN_2402392	COL8A1	0.42	6.82	7.68	1.22E-11	5.30E-10	16.14
ILMN_1748281	MAPK10	0.33	7.12	7.68	1.23E-11	5.33E-10	16.13
ILMN_1881081	NA	-0.33	7.07	-7.68	1.23E-11	5.33E-10	16.13
ILMN_2329914	SPRY1	0.73	9.46	7.67	1.25E-11	5.39E-10	16.12
ILMN_1800540	CD55	1.35	7.95	7.70	1.26E-11	5.44E-10	16.12
ILMN_2140059	LAMA4	0.44	7.60	7.67	1.27E-11	5.47E-10	16.10
ILMN_1770963	NAALADL1	-0.64	7.36	-7.68	1.29E-11	5.56E-10	16.09
ILMN_2387952	FAM134B	-0.62	9.08	-7.66	1.31E-11	5.62E-10	16.07
ILMN_1769158	ISOC2	-0.29	7.77	-7.66	1.32E-11	5.67E-10	16.06
ILMN_1809931	NDRG1	-0.60	10.53	-7.66	1.32E-11	5.67E-10	16.06
ILMN_1803889	CCDC64B	-0.47	7.47	-7.65	1.37E-11	5.89E-10	16.02
ILMN_1733937	MMD	0.55	8.74	7.65	1.39E-11	5.93E-10	16.01
ILMN_2304404	PBLD	-0.36	6.76	-7.65	1.39E-11	5.93E-10	16.01
ILMN_1680973	FOXF1	0.40	7.31	7.64	1.44E-11	6.15E-10	15.98
ILMN_2371055	EFNA1	-0.83	9.64	-7.64	1.45E-11	6.18E-10	15.97
ILMN_1733443	SULT1B1	-0.45	7.53	-7.64	1.46E-11	6.20E-10	15.97
ILMN_2123521	SYCP3	-0.28	6.82	-7.64	1.46E-11	6.20E-10	15.97
ILMN_1713037	PFKL	-0.46	7.95	-7.64	1.48E-11	6.27E-10	15.95
ILMN_1812070	ABCB1	-1.22	8.65	-7.64	1.49E-11	6.33E-10	15.94
ILMN_1703284	SPIRE2	-0.63	8.01	-7.64	1.51E-11	6.36E-10	15.93

ILMN_1715612	OTOP2	-0.65	6.80	-7.64	1.50E-11	6.36E-10	15.93
ILMN_1750674	SDSL	-0.41	7.74	-7.64	1.51E-11	6.36E-10	15.93
ILMN_1811997	RNF115	0.35	8.36	7.65	1.50E-11	6.36E-10	15.94
ILMN_2216157	GNA12	0.34	7.48	7.63	1.51E-11	6.38E-10	15.93
ILMN_1720771	STX11	0.51	6.75	7.63	1.52E-11	6.40E-10	15.92
ILMN_2389151	UGP2	-0.55	10.99	-7.63	1.54E-11	6.49E-10	15.91
ILMN_1655429	TNFAIP1	0.40	8.32	7.63	1.55E-11	6.52E-10	15.90
ILMN_1677363	TMEM253	-0.52	7.59	-7.62	1.59E-11	6.66E-10	15.88
ILMN_2366654	NR5A2	-0.62	7.92	-7.62	1.59E-11	6.66E-10	15.88
ILMN_1805192	ITPRIP	0.68	7.70	7.62	1.61E-11	6.74E-10	15.87
ILMN_1750689	MPP5	-0.43	8.13	-7.63	1.61E-11	6.74E-10	15.87
ILMN_1802053	ZNF91	-0.54	8.39	-7.62	1.63E-11	6.80E-10	15.86
ILMN_1729905	GAL3ST1	-0.32	6.72	-7.62	1.66E-11	6.93E-10	15.84
ILMN_1672264	NA	-0.56	7.43	-7.63	1.67E-11	6.94E-10	15.84
ILMN_2347789	C4BPB	0.67	7.01	7.61	1.67E-11	6.96E-10	15.83
ILMN_1795298	GPER1	-0.76	7.44	-7.61	1.71E-11	7.10E-10	15.81
ILMN_3223826	SPNS2	0.39	6.91	7.61	1.71E-11	7.11E-10	15.81
ILMN_1700257	C4orf32	0.34	7.23	7.60	1.76E-11	7.29E-10	15.78
ILMN_1785265	PLS3	0.51	7.69	7.60	1.76E-11	7.29E-10	15.78
ILMN_2336186	LCMT1	-0.42	8.40	-7.60	1.77E-11	7.31E-10	15.78
ILMN_1805999	MYO1D	-0.74	9.39	-7.60	1.78E-11	7.34E-10	15.77
ILMN_1656822	DNM2	-0.46	8.36	-7.60	1.79E-11	7.36E-10	15.77
ILMN_1808258	HTR4	-0.47	6.89	-7.60	1.79E-11	7.36E-10	15.77
ILMN_1720433	FAM3D	-0.95	10.70	-7.60	1.79E-11	7.37E-10	15.76
ILMN_1740010	PCNX1	0.51	8.07	7.60	1.80E-11	7.39E-10	15.76
ILMN_1663399	TIMP4	0.39	6.82	7.60	1.82E-11	7.49E-10	15.75
ILMN_1703531	S1PR3	0.50	6.89	7.59	1.86E-11	7.64E-10	15.73
ILMN_1778964	CLIC5	-0.80	8.59	-7.59	1.87E-11	7.65E-10	15.72
ILMN_1670926	CHST15	0.78	8.34	7.59	1.88E-11	7.70E-10	15.72
ILMN_1745497	METTL25	-0.31	7.63	-7.58	1.94E-11	7.94E-10	15.68
ILMN_1699354	EPHA2	0.49	7.12	7.58	1.96E-11	7.98E-10	15.68
ILMN_1761911	GORAB	-0.35	7.91	-7.58	1.97E-11	8.02E-10	15.67
ILMN_1680618	MYC	0.69	8.92	7.58	1.99E-11	8.09E-10	15.66
ILMN_1808777	EHD2	0.33	7.01	7.58	1.99E-11	8.09E-10	15.66
ILMN_2215824	NA	-0.78	8.36	-7.58	2.00E-11	8.12E-10	15.66
ILMN_1784553	SDC2	0.36	7.18	7.58	2.02E-11	8.21E-10	15.65
ILMN_1653429	SLC35A3	-0.50	10.09	-7.57	2.03E-11	8.21E-10	15.64
ILMN_1754529	SPG7	-0.46	9.59	-7.57	2.04E-11	8.25E-10	15.64
ILMN_2339955	NR4A2	1.22	7.37	7.57	2.05E-11	8.30E-10	15.63
ILMN_1811468	IRX3	0.60	6.82	7.57	2.06E-11	8.30E-10	15.63
ILMN_2387105	OGN	0.64	7.19	7.57	2.10E-11	8.47E-10	15.61
ILMN_1676005	KPNA1	0.31	7.96	7.56	2.17E-11	8.74E-10	15.58
ILMN_1712613	PNLIPRP2	-0.65	6.80	-7.56	2.19E-11	8.80E-10	15.57
ILMN_1699265	TNFRSF10B	0.43	8.62	7.56	2.22E-11	8.93E-10	15.55
ILMN_1790549	TSPAN3	-0.57	11.52	-7.56	2.22E-11	8.93E-10	15.55
ILMN_1723684	ACKR1	0.82	8.25	7.56	2.23E-11	8.93E-10	15.55
ILMN_1711986	MAP1LC3A	-0.33	6.93	-7.55	2.26E-11	9.05E-10	15.54
ILMN_1783120	SLMAP	0.44	9.71	7.55	2.27E-11	9.07E-10	15.53

ILMN_1724350	TRIM36	-0.51	7.21	-7.55	2.27E-11	9.08E-10	15.53
ILMN_1651799	SLC38A2	0.55	9.14	7.55	2.33E-11	9.28E-10	15.51
ILMN_1685703	ACOX2	-0.58	8.00	-7.55	2.33E-11	9.28E-10	15.51
ILMN_2282641	TBXAS1	0.53	7.84	7.55	2.33E-11	9.28E-10	15.51
ILMN_1683148	PRICKLE2	0.50	7.91	7.54	2.34E-11	9.31E-10	15.50
ILMN_1697440	PRPF4	0.27	8.40	7.54	2.34E-11	9.31E-10	15.50
ILMN_1763129	DCTPP1	-0.41	9.18	-7.54	2.37E-11	9.40E-10	15.49
ILMN_1763749	GUCA2A	-1.92	11.37	-7.54	2.40E-11	9.49E-10	15.48
ILMN_1689004	TNFRSF12A	0.79	7.10	7.54	2.41E-11	9.53E-10	15.47
ILMN_1795118	SIDT1	-0.41	7.39	-7.55	2.41E-11	9.53E-10	15.48
ILMN_2068435	ZNF700	-0.35	8.76	-7.54	2.41E-11	9.53E-10	15.48
ILMN_1838863	CCDC85C	-0.51	8.52	-7.54	2.43E-11	9.58E-10	15.47
ILMN_1786353	CNGA1	-0.46	6.76	-7.54	2.44E-11	9.62E-10	15.46
ILMN_1743933	TSHZ3	0.40	7.30	7.53	2.50E-11	9.83E-10	15.44
ILMN_1669273	PPT1	0.59	9.84	7.53	2.51E-11	9.85E-10	15.44
ILMN_2191822	ALG14	-0.30	7.02	-7.53	2.54E-11	9.98E-10	15.42
ILMN_1666932	FCGR2A	0.88	7.89	7.53	2.58E-11	1.01E-09	15.41
ILMN_1676088	MSRB3	0.71	7.73	7.52	2.59E-11	1.01E-09	15.41
ILMN_1814074	PHKA2	-0.35	7.90	-7.52	2.59E-11	1.01E-09	15.40
ILMN_2384152	EPS8L3	-0.61	8.23	-7.52	2.62E-11	1.02E-09	15.39
ILMN_1661695	IRAK3	0.44	7.02	7.52	2.68E-11	1.04E-09	15.37
ILMN_1757604	TPM2	1.09	9.68	7.52	2.68E-11	1.04E-09	15.37
ILMN_1654322	ATP1B3	-0.65	8.68	-7.52	2.68E-11	1.05E-09	15.37
ILMN_1792660	CAMSAP2	0.43	7.59	7.52	2.70E-11	1.05E-09	15.36
ILMN_1701204	VEGFC	0.32	6.82	7.51	2.72E-11	1.06E-09	15.36
ILMN_1726893	EPN3	-0.38	6.99	-7.51	2.72E-11	1.06E-09	15.36
ILMN_1712628	GTF2IRD1	0.25	6.83	7.51	2.75E-11	1.07E-09	15.35
ILMN_1655469	TSPAN3	-0.72	10.69	-7.51	2.77E-11	1.07E-09	15.34
ILMN_1774930	CDC14A	-0.37	7.38	-7.51	2.77E-11	1.07E-09	15.34
ILMN_1655611	TSHZ2	0.39	7.00	7.52	2.78E-11	1.07E-09	15.34
ILMN_1727740	SYNCRIP	0.43	8.65	7.51	2.82E-11	1.09E-09	15.32
ILMN_3240520	ADGRL4	0.34	6.93	7.51	2.83E-11	1.09E-09	15.32
ILMN_2082209	TOX2	0.66	8.81	7.51	2.83E-11	1.09E-09	15.32
ILMN_1658800	BRPF3	-0.44	9.35	-7.50	2.88E-11	1.11E-09	15.30
ILMN_2230892	IL10RB	-0.41	10.52	-7.50	2.89E-11	1.11E-09	15.30
ILMN_3300663	NA	-0.36	10.66	-7.50	2.94E-11	1.13E-09	15.28
ILMN_1851063	NA	-0.24	6.84	-7.50	2.95E-11	1.13E-09	15.28
ILMN_1815673	DKK3	0.69	9.01	7.49	3.00E-11	1.15E-09	15.26
ILMN_1812262	DDR1	-0.45	9.00	-7.49	3.03E-11	1.16E-09	15.25
ILMN_1785900	CXADR	-0.50	7.88	-7.49	3.04E-11	1.16E-09	15.25
ILMN_2361768	CHRNA1	-0.32	6.55	-7.49	3.05E-11	1.17E-09	15.24
ILMN_1662795	CA2	-0.96	12.39	-7.49	3.06E-11	1.17E-09	15.24
ILMN_1666471	UQCRQ	-0.35	11.98	-7.49	3.07E-11	1.17E-09	15.24
ILMN_2388142	CD99L2	0.35	8.78	7.49	3.07E-11	1.17E-09	15.24
ILMN_1704537	PHGDH	0.67	8.07	7.49	3.07E-11	1.17E-09	15.24
ILMN_2202637	CRY1	0.50	7.46	7.50	3.08E-11	1.17E-09	15.24
ILMN_1796177	GIPC1	-0.63	10.52	-7.48	3.22E-11	1.22E-09	15.19
ILMN_2086095	ID2	-0.57	9.20	-7.48	3.28E-11	1.24E-09	15.17

ILMN_1732609	FAM214B	0.45	7.65	7.47	3.29E-11	1.24E-09	15.17
ILMN_3251550	PHLDA1	0.55	6.92	7.47	3.29E-11	1.25E-09	15.17
ILMN_1771233	CHMP4B	-0.39	9.26	-7.47	3.32E-11	1.25E-09	15.16
ILMN_1700967	MB21D2	0.41	7.35	7.47	3.36E-11	1.27E-09	15.15
ILMN_1809537	MASP1	0.55	6.73	7.47	3.37E-11	1.27E-09	15.15
ILMN_1786444	LPL	0.51	6.88	7.46	3.49E-11	1.31E-09	15.11
ILMN_3229324	SGK1	1.10	9.89	7.46	3.52E-11	1.32E-09	15.11
ILMN_1733756	COL12A1	0.55	7.21	7.46	3.57E-11	1.34E-09	15.09
ILMN_1681437	DCXR	-0.36	8.25	-7.46	3.58E-11	1.34E-09	15.09
ILMN_1674032	ABCD3	-0.41	8.05	-7.46	3.61E-11	1.35E-09	15.08
ILMN_1740759	MAMDC4	-0.38	6.83	-7.44	3.86E-11	1.44E-09	15.02
ILMN_1765355	NOX1	-0.44	7.21	-7.44	3.85E-11	1.44E-09	15.02
ILMN_1708143	FAM127A	0.39	8.30	7.43	4.01E-11	1.50E-09	14.98
ILMN_1801216	S100P	1.11	11.46	7.43	4.05E-11	1.51E-09	14.97
ILMN_1751097	CREB3L2	0.58	9.52	7.43	4.11E-11	1.53E-09	14.95
ILMN_2064898	COA3	-0.48	10.50	-7.43	4.16E-11	1.55E-09	14.94
ILMN_1736911	TMOD1	0.47	6.80	7.43	4.18E-11	1.55E-09	14.94
ILMN_1664464	PTGDS	1.29	8.44	7.42	4.23E-11	1.57E-09	14.92
ILMN_1677534	SCAP	-0.31	9.51	-7.42	4.27E-11	1.58E-09	14.92
ILMN_2064150	PRRG2	-0.56	8.47	-7.42	4.27E-11	1.58E-09	14.92
ILMN_1682600	NA	-0.35	6.64	-7.42	4.28E-11	1.58E-09	14.91
ILMN_2139970	ALDH1A3	0.72	8.06	7.42	4.28E-11	1.58E-09	14.91
ILMN_1760778	ENG	0.43	7.42	7.42	4.35E-11	1.61E-09	14.90
ILMN_1750321	TRANK1	-0.41	7.88	-7.42	4.36E-11	1.61E-09	14.90
ILMN_2174369	ELOVL5	0.70	7.45	7.42	4.36E-11	1.61E-09	14.90
ILMN_2048607	ANKRD9	-0.61	9.80	-7.41	4.41E-11	1.62E-09	14.89
ILMN_1808202	R3HDM4	0.40	9.10	7.41	4.45E-11	1.64E-09	14.88
ILMN_1779448	EFHD1	0.51	7.13	7.41	4.50E-11	1.66E-09	14.86
ILMN_1710326	CLDND1	0.39	9.10	7.41	4.54E-11	1.67E-09	14.86
ILMN_1787648	NA	-0.65	8.25	-7.41	4.54E-11	1.67E-09	14.86
ILMN_1657111	AHNAK2	0.59	7.37	7.41	4.56E-11	1.67E-09	14.85
ILMN_1713496	ST3GALS5	0.44	7.39	7.41	4.56E-11	1.67E-09	14.85
ILMN_1656373	BNC2	0.30	6.87	7.41	4.60E-11	1.68E-09	14.84
ILMN_1683328	IP6K2	-0.33	7.23	-7.40	4.68E-11	1.71E-09	14.83
ILMN_1750062	PPARGC1A	-0.83	8.10	-7.40	4.73E-11	1.73E-09	14.82
ILMN_1652777	CDC42EP2	0.31	6.84	7.40	4.76E-11	1.73E-09	14.81
ILMN_1718771	CCDC24	-0.52	7.76	-7.40	4.76E-11	1.73E-09	14.81
ILMN_1753426	KIAA0556	-0.31	8.24	-7.40	4.78E-11	1.74E-09	14.81
ILMN_2169761	CPNE8	-0.69	8.27	-7.40	4.80E-11	1.74E-09	14.80
ILMN_1673529	PHYKPL	-0.34	7.82	-7.40	4.83E-11	1.75E-09	14.80
ILMN_1704861	MYO1A	-0.80	9.36	-7.39	4.85E-11	1.76E-09	14.79
ILMN_1761275	FUT6	-0.38	7.26	-7.39	4.86E-11	1.76E-09	14.79
ILMN_1670134	FADS1	0.38	6.78	7.39	4.90E-11	1.77E-09	14.78
ILMN_1720623	SYTL3	0.41	6.89	7.39	4.90E-11	1.77E-09	14.78
ILMN_1795442	LAMA4	0.45	7.86	7.39	4.94E-11	1.78E-09	14.77
ILMN_1652065	KCNMB1	0.74	7.61	7.39	4.99E-11	1.80E-09	14.76
ILMN_1696119	SRI	-0.38	6.89	-7.39	4.99E-11	1.80E-09	14.76
ILMN_1769282	FRMD6	0.53	7.64	7.39	5.01E-11	1.80E-09	14.76

ILMN_1752927	FAM160B1	0.33	8.55	7.40	5.06E-11	1.82E-09	14.76
ILMN_1753547	STAT5A	0.46	8.04	7.39	5.07E-11	1.82E-09	14.75
ILMN_1713178	DENND6A	0.34	7.85	7.38	5.09E-11	1.83E-09	14.74
ILMN_1666633	NA	-0.29	7.05	-7.38	5.13E-11	1.84E-09	14.74
ILMN_1816925	NA	-0.64	7.56	-7.38	5.13E-11	1.84E-09	14.74
ILMN_1748303	NA	1.69	7.67	7.38	5.14E-11	1.84E-09	14.74
ILMN_1652207	COX4I1	-0.34	12.56	-7.38	5.15E-11	1.84E-09	14.73
ILMN_1767365	PAK1	-0.37	8.33	-7.38	5.14E-11	1.84E-09	14.73
ILMN_2352090	GPRC5C	-0.47	8.43	-7.38	5.16E-11	1.84E-09	14.73
ILMN_1659766	BAG3	0.64	8.60	7.38	5.21E-11	1.86E-09	14.72
ILMN_1886092	FAM189A1	-0.56	7.42	-7.38	5.26E-11	1.87E-09	14.71
ILMN_1661137	SH3RF2	-0.50	8.22	-7.38	5.30E-11	1.88E-09	14.71
ILMN_1691860	SPRY1	0.67	8.44	7.37	5.40E-11	1.92E-09	14.69
ILMN_1707312	NFIL3	0.74	7.86	7.38	5.47E-11	1.94E-09	14.68
ILMN_2120273	AP1S2	0.63	8.50	7.38	5.50E-11	1.95E-09	14.67
ILMN_1797744	TPPP3	0.39	6.72	7.37	5.62E-11	1.99E-09	14.65
ILMN_2339266	LAMA2	0.32	6.86	7.36	5.65E-11	2.00E-09	14.64
ILMN_1758049	NFIA	0.37	7.95	7.36	5.76E-11	2.04E-09	14.62
ILMN_1800659	PGM1	-0.57	10.24	-7.36	5.79E-11	2.04E-09	14.62
ILMN_1669023	FHL5	0.35	6.49	7.36	5.84E-11	2.06E-09	14.61
ILMN_2320349	BACE1	0.24	6.76	7.35	5.99E-11	2.11E-09	14.59
ILMN_2132599	ANKRD22	0.59	8.47	7.35	6.02E-11	2.12E-09	14.58
ILMN_1677877	UBE2L3	-0.37	7.92	-7.35	6.11E-11	2.15E-09	14.57
ILMN_1741389	B3GNT8	-0.40	7.18	-7.35	6.14E-11	2.16E-09	14.56
ILMN_2233366	ASAP1	0.38	7.23	7.34	6.29E-11	2.21E-09	14.54
ILMN_2370882	ACSL5	-0.62	9.20	-7.34	6.43E-11	2.25E-09	14.52
ILMN_1689456	ZBTB20	0.31	7.71	7.33	6.48E-11	2.27E-09	14.51
ILMN_2332553	MSRB3	0.49	7.12	7.33	6.56E-11	2.29E-09	14.50
ILMN_1755850	ZNF350	-0.21	6.77	-7.33	6.65E-11	2.32E-09	14.48
ILMN_1667453	HINFP	-0.31	7.35	-7.33	6.70E-11	2.34E-09	14.48
ILMN_2363450	NOXO1	-0.45	7.33	-7.33	6.70E-11	2.34E-09	14.48
ILMN_1735220	CAV2	0.49	7.21	7.33	6.72E-11	2.34E-09	14.47
ILMN_1806310	A1CF	-0.78	9.11	-7.33	6.74E-11	2.34E-09	14.47
ILMN_1690802	TRMT112	0.51	9.74	7.33	6.78E-11	2.36E-09	14.46
ILMN_1691717	RHBDF2	0.60	8.16	7.32	6.79E-11	2.36E-09	14.46
ILMN_1652431	CA1	-1.74	11.93	-7.32	6.89E-11	2.39E-09	14.45
ILMN_1696031	HMG2P46	-0.24	6.60	-7.32	6.90E-11	2.39E-09	14.45
ILMN_1776363	ANK2	0.32	6.77	7.32	6.91E-11	2.39E-09	14.45
ILMN_3238269	NDUFA6	-0.41	8.65	-7.32	7.00E-11	2.42E-09	14.43
ILMN_2358540	RBMS1	0.57	7.37	7.32	7.11E-11	2.46E-09	14.42
ILMN_1717052	STARD10	-0.89	9.99	-7.31	7.12E-11	2.46E-09	14.42
ILMN_1764596	MPST	-0.62	8.27	-7.31	7.18E-11	2.48E-09	14.41
ILMN_1699644	3-Mar	-0.43	8.59	-7.31	7.27E-11	2.50E-09	14.40
ILMN_1656900	NA	-0.78	9.47	-7.31	7.38E-11	2.54E-09	14.38
ILMN_1805410	C15orf48	-0.87	12.29	-7.31	7.47E-11	2.57E-09	14.37
ILMN_1726466	HDHD3	-0.52	8.67	-7.30	7.48E-11	2.57E-09	14.37
ILMN_1809695	CAMK2G	-0.41	8.18	-7.30	7.48E-11	2.57E-09	14.37
ILMN_1682015	GAL	0.27	6.44	7.30	7.50E-11	2.57E-09	14.37

ILMN_2234956	LEPR	0.37	7.18	7.30	7.54E-11	2.58E-09	14.36
ILMN_1795499	MAML3	-0.23	6.70	-7.30	7.57E-11	2.59E-09	14.36
ILMN_1783636	COX6A1	-0.39	10.35	-7.30	7.63E-11	2.61E-09	14.35
ILMN_1901304	NA	-0.27	6.99	-7.30	7.64E-11	2.61E-09	14.35
ILMN_2316878	PTPRO	-0.71	7.39	-7.29	7.86E-11	2.68E-09	14.32
ILMN_2313901	PAM	0.56	10.50	7.29	7.90E-11	2.69E-09	14.32
ILMN_1742901	NA	-0.34	6.84	-7.30	7.97E-11	2.71E-09	14.31
ILMN_1662949	FAM132A	-0.40	6.95	-7.29	7.98E-11	2.71E-09	14.31
ILMN_2165354	DCLK1	0.36	7.03	7.29	8.07E-11	2.74E-09	14.30
ILMN_2184373	CXCL8	1.92	8.14	7.29	8.13E-11	2.76E-09	14.29
ILMN_1795838	C4orf19	-0.47	7.87	-7.29	8.14E-11	2.76E-09	14.29
ILMN_2216838	DKFZP586I1	-0.29	7.72	-7.29	8.16E-11	2.77E-09	14.28
ILMN_1740441	CYB5R3	0.32	7.97	7.29	8.18E-11	2.77E-09	14.28
ILMN_1747223	FRYL	-0.57	9.36	-7.29	8.21E-11	2.78E-09	14.28
ILMN_1714861	CD68	0.59	10.28	7.28	8.29E-11	2.80E-09	14.27
ILMN_1788213	FRAT2	-0.43	8.94	-7.28	8.36E-11	2.82E-09	14.26
ILMN_1726030	GPX7	0.50	7.17	7.28	8.42E-11	2.84E-09	14.25
ILMN_2107184	SNRK	0.45	9.39	7.28	8.58E-11	2.89E-09	14.23
ILMN_1690464	SLC35G1	-0.77	7.71	-7.27	8.75E-11	2.94E-09	14.22
ILMN_1812902	CYYR1	0.36	7.21	7.27	8.82E-11	2.96E-09	14.21
ILMN_1673896	MAP3K13	-0.21	6.77	-7.27	8.98E-11	3.02E-09	14.19
ILMN_1789793	NUAK2	-0.34	6.87	-7.26	9.06E-11	3.04E-09	14.18
ILMN_1657547	CCDC34	-0.67	8.33	-7.26	9.08E-11	3.04E-09	14.18
ILMN_1669172	PTPRR	-0.27	6.78	-7.26	9.08E-11	3.04E-09	14.18
ILMN_1807529	PADI4	0.36	6.65	7.26	9.28E-11	3.10E-09	14.16
ILMN_1810628	PRUNE2	0.69	8.43	7.26	9.30E-11	3.11E-09	14.16
ILMN_1704753	EPAS1	0.35	9.88	7.25	9.54E-11	3.18E-09	14.13
ILMN_1791226	NXN	0.28	6.85	7.25	9.62E-11	3.21E-09	14.12
ILMN_1674985	TMEM51	-0.25	9.40	-7.25	9.66E-11	3.22E-09	14.12
ILMN_1787919	PARVB	0.38	7.11	7.26	9.73E-11	3.24E-09	14.12
ILMN_3239181	ITPRIP	0.60	7.59	7.25	9.73E-11	3.24E-09	14.11
ILMN_2232177	ACTN1	0.52	9.11	7.25	9.78E-11	3.25E-09	14.11
ILMN_1783131	SAMD13	-0.37	7.08	-7.25	9.82E-11	3.26E-09	14.10
ILMN_1720373	SLC7A5	0.80	7.35	7.25	9.84E-11	3.26E-09	14.10
ILMN_1716925	FSIP1	-0.31	6.84	-7.24	9.99E-11	3.30E-09	14.09
ILMN_1784320	ELMO1	0.48	7.34	7.24	9.99E-11	3.30E-09	14.09
ILMN_1717909	ANO1	0.54	7.31	7.25	1.00E-10	3.32E-09	14.09
ILMN_1795181	DDX60	-0.66	8.29	-7.24	1.00E-10	3.32E-09	14.08
ILMN_2141482	SERPINF1	0.46	7.16	7.24	1.01E-10	3.34E-09	14.08
ILMN_3307688	NXPE2	-0.35	6.94	-7.24	1.02E-10	3.35E-09	14.07
ILMN_1730523	FAM195A	-0.54	7.94	-7.23	1.06E-10	3.48E-09	14.03
ILMN_1699887	ST14	-0.58	8.96	-7.23	1.07E-10	3.54E-09	14.02
ILMN_1674759	LPCAT4	-0.28	7.35	-7.23	1.08E-10	3.55E-09	14.01
ILMN_1732398	SCGB2A1	-1.00	8.43	-7.23	1.09E-10	3.58E-09	14.00
ILMN_3251629	NA	0.50	9.52	7.23	1.10E-10	3.59E-09	14.00
ILMN_1815392	ACTRT1	-0.39	7.45	-7.22	1.10E-10	3.62E-09	13.99
ILMN_2167805	LUM	0.53	6.94	7.22	1.12E-10	3.66E-09	13.98
ILMN_1685978	ATPIF1	-0.35	7.75	-7.22	1.13E-10	3.70E-09	13.97

ILMN_2380418	BICD2	0.39	7.65	7.21	1.16E-10	3.78E-09	13.94
ILMN_1676213	SRPX2	0.30	6.70	7.21	1.17E-10	3.80E-09	13.94
ILMN_1673352	IFITM2	0.81	10.92	7.21	1.17E-10	3.81E-09	13.93
ILMN_2089073	ATP9A	-0.47	10.68	-7.21	1.18E-10	3.83E-09	13.93
ILMN_1759117	XK	-0.58	8.51	-7.21	1.18E-10	3.83E-09	13.93
ILMN_2294784	PRDM1	0.26	6.68	7.21	1.18E-10	3.83E-09	13.92
ILMN_2358886	EDN3	-0.89	8.18	-7.21	1.18E-10	3.83E-09	13.92
ILMN_3185709	IP6K2	-0.36	7.28	-7.21	1.18E-10	3.83E-09	13.93
ILMN_1785413	ATP2C2	-0.62	8.41	-7.22	1.19E-10	3.87E-09	13.92
ILMN_1764522	LMBR1	0.27	7.90	7.21	1.20E-10	3.90E-09	13.90
ILMN_1709237	EPHX2	-0.83	9.03	-7.20	1.21E-10	3.91E-09	13.90
ILMN_1773307	NAP1L5	0.28	6.88	7.20	1.21E-10	3.91E-09	13.90
ILMN_1689445	POLR2H	-0.34	10.71	-7.20	1.22E-10	3.93E-09	13.90
ILMN_2336133	NA	-0.72	9.39	-7.20	1.22E-10	3.94E-09	13.89
ILMN_1706056	ENTPD8	-0.48	7.17	-7.20	1.23E-10	3.97E-09	13.88
ILMN_2138765	PLIN2	0.69	9.04	7.21	1.25E-10	4.02E-09	13.87
ILMN_1775501	IL1B	1.16	7.47	7.20	1.25E-10	4.02E-09	13.87
ILMN_1652825	IL10RA	0.63	7.31	7.20	1.25E-10	4.02E-09	13.87
ILMN_2100000	DHX36	0.28	7.39	7.20	1.26E-10	4.05E-09	13.86
ILMN_1710619	LINC00483	-0.44	7.31	-7.19	1.27E-10	4.08E-09	13.85
ILMN_1668345	OAF	-0.59	9.68	-7.19	1.27E-10	4.08E-09	13.85
ILMN_1731287	ARFGAP3	0.62	8.81	7.19	1.27E-10	4.08E-09	13.85
ILMN_2394561	IRF2BP2	-0.45	9.27	-7.19	1.28E-10	4.11E-09	13.84
ILMN_1764082	MBOAT1	-0.45	8.41	-7.19	1.29E-10	4.13E-09	13.83
ILMN_1801766	CCDC109B	0.63	8.63	7.19	1.29E-10	4.13E-09	13.83
ILMN_2108823	FZD7	-0.26	7.37	-7.19	1.29E-10	4.13E-09	13.83
ILMN_1714082	CMAS	-0.52	9.80	-7.19	1.30E-10	4.15E-09	13.83
ILMN_1801584	CXCR4	1.05	7.89	7.19	1.31E-10	4.16E-09	13.83
ILMN_1674265	AVIL	-0.30	6.83	-7.18	1.35E-10	4.30E-09	13.79
ILMN_2206722	FER1L4	0.77	7.41	7.17	1.42E-10	4.51E-09	13.75
ILMN_1843932	SAP30L	-0.35	7.86	-7.17	1.42E-10	4.52E-09	13.74
ILMN_1812031	PALM	0.35	7.19	7.17	1.44E-10	4.56E-09	13.73
ILMN_2120210	RCAN2	0.59	8.52	7.16	1.47E-10	4.65E-09	13.71
ILMN_1706960	KIAA1217	-0.39	7.70	-7.16	1.47E-10	4.66E-09	13.71
ILMN_1692072	CENPBD1	-0.23	7.76	-7.16	1.47E-10	4.67E-09	13.71
ILMN_1755350	PIWIL2	-0.23	6.57	-7.16	1.52E-10	4.80E-09	13.68
ILMN_1660413	SGK2	-0.36	6.79	-7.16	1.53E-10	4.83E-09	13.67
ILMN_1804955	CTSF	0.27	7.07	7.16	1.53E-10	4.83E-09	13.67
ILMN_1748908	PROSC	-0.33	9.47	-7.15	1.55E-10	4.87E-09	13.66
ILMN_1709153	PRR16	0.26	6.63	7.15	1.57E-10	4.94E-09	13.65
ILMN_1790508	KCNA5	0.22	6.61	7.15	1.59E-10	5.00E-09	13.63
ILMN_1656145	GOT1	-0.47	9.97	-7.15	1.60E-10	5.05E-09	13.62
ILMN_2107613	RHOJ	0.31	6.93	7.14	1.65E-10	5.19E-09	13.60
ILMN_1736077	LIAS	-0.36	7.74	-7.14	1.66E-10	5.22E-09	13.59
ILMN_1728083	EIF4EBP2	-0.38	8.70	-7.14	1.67E-10	5.22E-09	13.59
ILMN_1746888	PCOLCE2	0.62	6.84	7.14	1.67E-10	5.25E-09	13.58
ILMN_1761058	NA	0.28	7.91	7.14	1.69E-10	5.28E-09	13.58
ILMN_3301749	SPNS2	0.64	7.46	7.13	1.71E-10	5.34E-09	13.56

ILMN_2380237	C1QTNF1	0.58	7.89	7.13	1.71E-10	5.35E-09	13.56
ILMN_2415235	CSNK1E	0.34	9.16	7.13	1.71E-10	5.35E-09	13.56
ILMN_1661363	NA	0.32	6.96	7.13	1.72E-10	5.38E-09	13.56
ILMN_2044927	RNF5	-0.31	7.36	-7.13	1.74E-10	5.44E-09	13.54
ILMN_1651826	BASP1	1.12	9.42	7.13	1.75E-10	5.45E-09	13.54
ILMN_1757872	SGK223	-0.41	7.98	-7.13	1.77E-10	5.50E-09	13.53
ILMN_3309468	FOXD2-AS1	-0.28	6.85	-7.13	1.77E-10	5.50E-09	13.53
ILMN_1687768	NCOA7	0.67	9.51	7.12	1.78E-10	5.52E-09	13.52
ILMN_1737715	OSR2	0.28	6.65	7.12	1.78E-10	5.54E-09	13.52
ILMN_1766264	PI16	0.54	6.79	7.12	1.79E-10	5.54E-09	13.52
ILMN_2094266	HES2	-0.59	7.53	-7.12	1.79E-10	5.55E-09	13.52
ILMN_1705258	CPZ	0.24	6.46	7.12	1.82E-10	5.64E-09	13.50
ILMN_2136635	ISCA2	-0.20	6.96	-7.12	1.83E-10	5.66E-09	13.50
ILMN_1687501	MOXD1	0.49	7.37	7.12	1.85E-10	5.70E-09	13.49
ILMN_1689578	TLR3	-0.26	6.84	-7.12	1.86E-10	5.73E-09	13.48
ILMN_1774272	ESRRA	-0.46	8.22	-7.11	1.86E-10	5.73E-09	13.48
ILMN_2377900	MAP1B	0.58	7.56	7.11	1.86E-10	5.74E-09	13.48
ILMN_1713744	C14orf132	0.39	7.46	7.11	1.86E-10	5.74E-09	13.48
ILMN_2148913	TMEM45A	0.31	6.89	7.11	1.87E-10	5.75E-09	13.48
ILMN_1810486	RAB34	0.31	7.04	7.11	1.88E-10	5.78E-09	13.47
ILMN_2398159	DKK3	0.72	9.27	7.11	1.89E-10	5.81E-09	13.46
ILMN_1677092	GEM	0.86	7.25	7.11	1.92E-10	5.87E-09	13.45
ILMN_1782429	TMEM56	-0.50	7.02	-7.11	1.93E-10	5.90E-09	13.45
ILMN_1911042	PIP4K2A	0.64	9.98	7.11	1.94E-10	5.94E-09	13.44
ILMN_1676248	SEMA4G	-0.42	7.40	-7.10	1.95E-10	5.97E-09	13.43
ILMN_1696675	CES2	-0.73	11.23	-7.11	2.00E-10	6.11E-09	13.41
ILMN_1678678	SLC37A4	-0.57	9.42	-7.11	2.02E-10	6.16E-09	13.41
ILMN_1764380	GLTP	-0.45	10.67	-7.10	2.03E-10	6.18E-09	13.40
ILMN_3243381	MLEC	-0.40	9.52	-7.10	2.03E-10	6.18E-09	13.40
ILMN_2405254	GRB7	-0.35	7.11	-7.09	2.04E-10	6.23E-09	13.39
ILMN_2382942	CA12	-0.79	8.22	-7.09	2.05E-10	6.25E-09	13.38
ILMN_2180371	FAM216A	0.24	6.75	7.09	2.06E-10	6.25E-09	13.38
ILMN_1670844	OPN3	-0.22	6.61	-7.09	2.08E-10	6.30E-09	13.37
ILMN_1753016	MRPL35	-0.37	7.65	-7.09	2.07E-10	6.30E-09	13.37
ILMN_1656951	APCDD1	0.45	7.25	7.09	2.14E-10	6.50E-09	13.34
ILMN_1732534	CHMP5	-0.34	9.41	-7.08	2.22E-10	6.73E-09	13.31
ILMN_2083469	IRS2	0.59	8.32	7.08	2.23E-10	6.76E-09	13.30
ILMN_2371053	EFNA1	-0.61	7.65	-7.08	2.25E-10	6.80E-09	13.30
ILMN_1754969	LMCD1	0.81	7.50	7.07	2.27E-10	6.87E-09	13.28
ILMN_1712046	CPXM1	0.42	7.06	7.08	2.28E-10	6.88E-09	13.29
ILMN_3197097	TSTD1	-0.36	7.64	-7.07	2.28E-10	6.89E-09	13.28
ILMN_1710544	PCDH7	0.22	6.64	7.07	2.29E-10	6.90E-09	13.28
ILMN_1808047	PHC2	0.32	7.12	7.07	2.30E-10	6.92E-09	13.27
ILMN_2097858	CIPC	-0.51	9.04	-7.07	2.33E-10	7.02E-09	13.26
ILMN_1736042	ME1	0.77	7.83	7.07	2.34E-10	7.03E-09	13.26
ILMN_1751276	BDNF	0.21	6.52	7.06	2.38E-10	7.13E-09	13.24
ILMN_1754738	AP1M1	0.35	8.02	7.06	2.38E-10	7.13E-09	13.24
ILMN_2305407	ZBTB16	0.77	7.13	7.06	2.38E-10	7.13E-09	13.24

ILMN_3242205	GMPS	0.30	7.80	7.06	2.38E-10	7.13E-09	13.24
ILMN_1682176	CLEC3B	0.49	7.37	7.06	2.40E-10	7.17E-09	13.23
ILMN_1799589	NOXA1	-0.43	7.70	-7.07	2.43E-10	7.26E-09	13.22
ILMN_2364384	PPARG	-0.60	8.31	-7.06	2.43E-10	7.27E-09	13.22
ILMN_1727402	HCLS1	0.95	8.91	7.06	2.46E-10	7.35E-09	13.21
ILMN_1699585	BHLHE22	0.45	7.10	7.05	2.51E-10	7.48E-09	13.19
ILMN_1799535	GJB1	-0.43	6.87	-7.05	2.51E-10	7.48E-09	13.19
ILMN_1678095	SMPDL3B	-0.42	7.66	-7.05	2.52E-10	7.51E-09	13.18
ILMN_2386982	PRKCZ	-0.45	8.42	-7.05	2.54E-10	7.55E-09	13.18
ILMN_2416019	ENTPD8	-0.61	7.49	-7.05	2.55E-10	7.59E-09	13.17
ILMN_1697652	PLEKHB2	-0.34	7.48	-7.05	2.56E-10	7.60E-09	13.17
ILMN_1662886	KLHL34	-0.24	6.54	-7.05	2.57E-10	7.61E-09	13.17
ILMN_1844408	PLXNA2	-0.36	7.37	-7.05	2.57E-10	7.61E-09	13.17
ILMN_2200917	SLC4A7	0.41	8.82	7.04	2.62E-10	7.75E-09	13.15
ILMN_2369756	CEP112	0.24	6.70	7.04	2.63E-10	7.78E-09	13.14
ILMN_3177285	HNRNPR	0.31	10.15	7.04	2.64E-10	7.79E-09	13.14
ILMN_1788347	CIPC	-0.54	8.65	-7.04	2.65E-10	7.84E-09	13.13
ILMN_1772261	GLG1	0.27	10.05	7.04	2.68E-10	7.92E-09	13.12
ILMN_1694426	ROR2	0.28	6.72	7.05	2.69E-10	7.93E-09	13.13
ILMN_1780334	KCNJ2	-0.54	7.64	-7.05	2.69E-10	7.93E-09	13.12
ILMN_1656826	SH3RF1	-0.32	7.74	-7.04	2.70E-10	7.96E-09	13.12
ILMN_2384056	GPER1	-0.73	7.43	-7.04	2.76E-10	8.11E-09	13.10
ILMN_1660086	MYH11	1.02	11.32	7.03	2.77E-10	8.13E-09	13.09
ILMN_1707649	MPDZ	0.31	7.03	7.03	2.80E-10	8.23E-09	13.08
ILMN_1695110	BCAT2	-0.43	7.96	-7.03	2.81E-10	8.25E-09	13.08
ILMN_1667417	RAB23	0.38	7.27	7.04	2.83E-10	8.29E-09	13.08
ILMN_1779034	NADSYN1	-0.48	8.44	-7.03	2.83E-10	8.29E-09	13.07
ILMN_1702633	RETSAT	-0.74	9.23	-7.03	2.84E-10	8.32E-09	13.07
ILMN_1722900	NA	0.36	11.91	7.03	2.90E-10	8.49E-09	13.05
ILMN_3236637	PIP4K2A	0.65	8.98	7.02	2.95E-10	8.62E-09	13.03
ILMN_1682775	EDN1	-0.65	8.19	-7.02	2.96E-10	8.64E-09	13.03
ILMN_2405305	ARNTL	0.36	7.08	7.02	2.96E-10	8.64E-09	13.03
ILMN_1714586	VGLL3	0.31	6.54	7.02	2.99E-10	8.72E-09	13.02
ILMN_1803338	CCDC80	0.24	6.54	7.01	3.01E-10	8.77E-09	13.01
ILMN_1727815	CFI	0.73	7.51	7.01	3.02E-10	8.77E-09	13.01
ILMN_1764609	PWWP2B	-0.41	7.81	-7.01	3.04E-10	8.84E-09	13.00
ILMN_1706268	PTGDR	-0.43	6.87	-7.01	3.08E-10	8.93E-09	12.99
ILMN_1668039	GYPC	0.71	7.57	7.01	3.09E-10	8.96E-09	12.99
ILMN_1769394	PLCD1	-0.50	7.43	-7.00	3.14E-10	9.12E-09	12.97
ILMN_1712305	CYBRD1	0.71	9.25	7.01	3.15E-10	9.13E-09	12.97
ILMN_1675956	LYST	0.28	7.19	7.00	3.17E-10	9.18E-09	12.96
ILMN_1808779	CSTF3	0.22	8.07	7.00	3.18E-10	9.19E-09	12.96
ILMN_1728478	CXCL16	0.59	9.00	7.01	3.23E-10	9.35E-09	12.95
ILMN_1800837	CFDP1	-0.87	8.97	-7.00	3.25E-10	9.39E-09	12.94
ILMN_1691341	NA	1.00	8.78	7.00	3.27E-10	9.43E-09	12.93
ILMN_1756928	RTN1	0.29	6.77	7.00	3.27E-10	9.43E-09	12.93
ILMN_1692219	RAB11FIP1	-0.53	10.80	-6.99	3.31E-10	9.52E-09	12.92
ILMN_1813671	SLC25A1	-0.42	7.93	-6.99	3.31E-10	9.52E-09	12.92

ILMN_1782439	CNN3	0.45	10.33	6.99	3.32E-10	9.54E-09	12.92
ILMN_1687358	TMPRSS4	-0.34	7.08	-6.99	3.40E-10	9.75E-09	12.89
ILMN_2323087	RBPMS	0.33	6.88	6.99	3.41E-10	9.79E-09	12.89
ILMN_1795429	VCL	0.38	11.12	6.99	3.43E-10	9.83E-09	12.88
ILMN_1702775	LRP5	-0.37	8.51	-6.98	3.45E-10	9.89E-09	12.88
ILMN_2216637	STK32B	0.20	6.56	6.99	3.45E-10	9.89E-09	12.88
ILMN_1774982	CDC42EP5	-0.50	10.76	-6.98	3.54E-10	1.01E-08	12.85
ILMN_3269775	TMEM251	-0.32	8.15	-6.98	3.60E-10	1.03E-08	12.84
ILMN_2251225	WDR78	-0.30	6.64	-6.98	3.64E-10	1.04E-08	12.83
ILMN_1791296	DPY19L1	0.41	8.19	6.97	3.69E-10	1.05E-08	12.81
ILMN_1680453	ITM2C	-0.65	12.27	-6.97	3.70E-10	1.06E-08	12.81
ILMN_1683313	ST3GAL1	0.42	7.44	6.97	3.74E-10	1.07E-08	12.80
ILMN_1765578	TIPARP	0.52	8.66	6.97	3.76E-10	1.07E-08	12.79
ILMN_1787705	ATP6V1B2	0.30	10.17	6.97	3.77E-10	1.07E-08	12.79
ILMN_1679184	NA	-0.38	6.81	-6.97	3.79E-10	1.08E-08	12.79
ILMN_1795325	ACTG2	1.35	11.23	6.97	3.79E-10	1.08E-08	12.79
ILMN_1718629	NRIP1	-0.33	9.26	-6.96	3.86E-10	1.09E-08	12.77
ILMN_3268165	RNF7	-0.35	9.44	-6.96	3.86E-10	1.09E-08	12.77
ILMN_1800697	LDB2	0.49	8.64	6.96	3.91E-10	1.11E-08	12.75
ILMN_1790338	PRRX2	0.40	6.87	6.96	3.94E-10	1.12E-08	12.75
ILMN_1707475	UBE2E2	0.45	7.44	6.96	3.97E-10	1.12E-08	12.75
ILMN_1700001	TCTA	-0.32	7.58	-6.96	3.98E-10	1.12E-08	12.74
ILMN_2328835	IP6K2	-0.33	7.07	-6.96	3.98E-10	1.12E-08	12.74
ILMN_1815039	RRP36	0.25	8.62	6.95	3.99E-10	1.13E-08	12.74
ILMN_1656248	CLMP	0.37	7.08	6.96	4.00E-10	1.13E-08	12.74
ILMN_2113333	LGALS9B	-0.26	6.77	-6.95	4.01E-10	1.13E-08	12.73
ILMN_1693410	NA	-0.41	9.06	-6.95	4.01E-10	1.13E-08	12.73
ILMN_1766411	AP1S2	0.60	8.27	6.95	4.14E-10	1.16E-08	12.70
ILMN_1699603	MRPL12	-0.40	8.21	-6.95	4.15E-10	1.17E-08	12.70
ILMN_1795228	ZFAND5	0.30	11.09	6.95	4.15E-10	1.17E-08	12.70
ILMN_1790859	PLAC9	0.51	7.15	6.94	4.21E-10	1.18E-08	12.68
ILMN_1765044	CUTC	0.30	7.64	6.95	4.23E-10	1.19E-08	12.68
ILMN_1659678	GABRA2	-0.23	6.45	-6.93	4.43E-10	1.24E-08	12.63
ILMN_1686623	CSF1R	0.92	9.04	6.94	4.44E-10	1.24E-08	12.64
ILMN_1832879	NA	-0.32	7.58	-6.93	4.56E-10	1.27E-08	12.61
ILMN_2334350	BTBD3	-0.46	8.64	-6.93	4.56E-10	1.27E-08	12.61
ILMN_1773006	FABP4	1.20	7.52	6.93	4.67E-10	1.30E-08	12.59
ILMN_1764709	MAFB	0.76	8.30	6.92	4.72E-10	1.32E-08	12.57
ILMN_2117330	NDUFB2	-0.36	11.04	-6.92	4.76E-10	1.33E-08	12.56
ILMN_1814494	SEMA6D	-0.28	6.84	-6.92	4.77E-10	1.33E-08	12.56
ILMN_1775380	SMOX	0.33	6.88	6.92	4.79E-10	1.33E-08	12.56
ILMN_1799848	ANKRD22	0.55	7.76	6.92	4.80E-10	1.33E-08	12.56
ILMN_1731062	NPY	-0.45	6.83	-6.91	4.84E-10	1.35E-08	12.55
ILMN_1687821	C16orf45	0.23	6.64	6.91	4.86E-10	1.35E-08	12.54
ILMN_1665775	2-Mar	-0.31	7.55	-6.91	4.88E-10	1.35E-08	12.54
ILMN_1714349	GLCE	-0.37	8.46	-6.91	4.91E-10	1.36E-08	12.53
ILMN_2352190	CLIP2	-0.33	7.49	-6.91	4.93E-10	1.36E-08	12.53
ILMN_1702636	TUBB6	0.40	6.89	6.91	4.98E-10	1.38E-08	12.52

ILMN_1813704	CEMIP	1.13	7.19	6.91	4.99E-10	1.38E-08	12.52
ILMN_1748983	RTN4	-0.33	7.10	-6.91	5.01E-10	1.38E-08	12.51
ILMN_1686985	MTM1	-0.58	7.97	-6.91	5.03E-10	1.39E-08	12.51
ILMN_1782057	ATP8B2	0.50	7.41	6.90	5.06E-10	1.40E-08	12.50
ILMN_2389501	HSD11B1	0.21	6.52	6.90	5.09E-10	1.40E-08	12.50
ILMN_1698995	DES	0.92	7.31	6.90	5.14E-10	1.41E-08	12.49
ILMN_1733603	NDUFC1	-0.24	8.58	-6.90	5.14E-10	1.41E-08	12.49
ILMN_1743635	ALG14	-0.31	7.37	-6.90	5.15E-10	1.42E-08	12.49
ILMN_1741459	CDK10	-0.61	9.16	-6.91	5.22E-10	1.43E-08	12.48
ILMN_1660986	PER3	-0.39	7.11	-6.90	5.26E-10	1.44E-08	12.47
ILMN_1655011	NA	-0.50	8.62	-6.89	5.32E-10	1.46E-08	12.46
ILMN_1806533	PDE7B	0.33	7.40	6.89	5.32E-10	1.46E-08	12.46
ILMN_3246902	ABCC6P1	-0.26	6.72	-6.89	5.32E-10	1.46E-08	12.46
ILMN_2249920	FYN	0.62	7.42	6.89	5.36E-10	1.47E-08	12.45
ILMN_3243156	AHNAK2	0.44	6.98	6.88	5.57E-10	1.52E-08	12.41
ILMN_1783672	SLC30A10	-0.36	6.79	-6.88	5.58E-10	1.52E-08	12.41
ILMN_2139100	SHISA5	0.35	9.20	6.88	5.58E-10	1.52E-08	12.41
ILMN_1656378	NMT2	-0.28	7.77	-6.88	5.62E-10	1.53E-08	12.40
ILMN_1798700	CHRNA1	-0.30	6.67	-6.88	5.66E-10	1.54E-08	12.39
ILMN_2117508	CTHRC1	0.36	6.71	6.88	5.72E-10	1.56E-08	12.39
ILMN_1789733	CLIP3	0.51	7.97	6.88	5.73E-10	1.56E-08	12.38
ILMN_1766914	MFAP4	0.77	9.72	6.87	5.90E-10	1.60E-08	12.35
ILMN_1780153	QTRT1	-0.44	7.72	-6.87	5.90E-10	1.60E-08	12.36
ILMN_1758457	TBC1D16	0.25	7.08	6.88	5.93E-10	1.61E-08	12.36
ILMN_1802654	GLT8D2	0.32	7.42	6.87	5.94E-10	1.61E-08	12.35
ILMN_1704196	DSG2	-0.53	8.43	-6.87	6.04E-10	1.64E-08	12.33
ILMN_1805827	PPA1	0.36	11.28	6.87	6.07E-10	1.65E-08	12.33
ILMN_1668063	FCN1	0.66	7.02	6.86	6.10E-10	1.65E-08	12.32
ILMN_1701441	LPAR1	0.37	8.85	6.86	6.16E-10	1.67E-08	12.31
ILMN_2087692	CYBRD1	0.70	9.55	6.86	6.28E-10	1.70E-08	12.29
ILMN_1683888	SRP72	0.32	8.19	6.86	6.30E-10	1.70E-08	12.29
ILMN_1809495	COX8A	-0.34	11.92	-6.86	6.32E-10	1.70E-08	12.29
ILMN_1804522	CCDC47	-0.28	7.71	-6.86	6.35E-10	1.71E-08	12.28
ILMN_2230862	GYG1	0.40	8.88	6.85	6.41E-10	1.73E-08	12.27
ILMN_1760649	PCK2	-0.34	6.98	-6.85	6.44E-10	1.73E-08	12.27
ILMN_1715068	AQP9	0.85	6.83	6.85	6.48E-10	1.74E-08	12.26
ILMN_1770803	BNIP2	0.32	8.42	6.85	6.52E-10	1.75E-08	12.26
ILMN_1674941	ANO6	0.48	7.88	6.85	6.64E-10	1.78E-08	12.24
ILMN_1677396	NDFIP2	-0.43	10.28	-6.85	6.64E-10	1.78E-08	12.24
ILMN_1763260	HIF1A	0.55	7.69	6.85	6.63E-10	1.78E-08	12.24
ILMN_1813775	GAK	-0.43	10.32	-6.85	6.64E-10	1.78E-08	12.24
ILMN_3254481	NA	-0.40	7.15	-6.85	6.65E-10	1.78E-08	12.24
ILMN_1667831	HOXB6	-0.20	6.83	-6.84	6.72E-10	1.80E-08	12.23
ILMN_1750158	ACOX1	-0.67	8.84	-6.84	6.74E-10	1.80E-08	12.22
ILMN_2364674	TRPT1	-0.35	9.69	-6.84	6.78E-10	1.81E-08	12.22
ILMN_1738632	PRKAR1A	0.41	10.49	6.84	6.80E-10	1.82E-08	12.22
ILMN_1752665	ELMO3	-0.46	7.80	-6.84	6.89E-10	1.84E-08	12.20
ILMN_1753411	ADCY10P1	-0.24	6.96	-6.84	6.94E-10	1.85E-08	12.20

ILMN_1689160	DPEP2	0.31	6.90	6.83	7.04E-10	1.87E-08	12.18
ILMN_1715113	HARS2	-0.26	9.45	-6.84	7.08E-10	1.88E-08	12.18
ILMN_1698404	NA	0.58	7.46	6.83	7.15E-10	1.90E-08	12.17
ILMN_1810864	PMP22	0.59	7.19	6.83	7.22E-10	1.92E-08	12.16
ILMN_1758281	CALCRL	0.25	6.73	6.83	7.28E-10	1.93E-08	12.15
ILMN_1839665	NA	-0.25	6.83	-6.83	7.28E-10	1.93E-08	12.15
ILMN_2177832	TOR2A	-0.24	6.86	-6.83	7.28E-10	1.93E-08	12.15
ILMN_1726547	MAP3K5	0.36	8.64	6.83	7.35E-10	1.94E-08	12.15
ILMN_1780898	PRKCH	0.54	8.11	6.83	7.35E-10	1.94E-08	12.14
ILMN_1775486	SSPN	0.34	7.58	6.83	7.36E-10	1.95E-08	12.14
ILMN_1722726	ARHGAP32	-0.43	9.08	-6.82	7.41E-10	1.96E-08	12.13
ILMN_1810100	PBX3	0.44	8.24	6.83	7.46E-10	1.97E-08	12.13
ILMN_2166457	HPGD	-0.78	9.59	-6.82	7.50E-10	1.98E-08	12.12
ILMN_1696749	LMNA	0.59	8.95	6.83	7.53E-10	1.98E-08	12.12
ILMN_2170949	SNX10	0.37	7.06	6.82	7.66E-10	2.02E-08	12.10
ILMN_2233878	NA	-0.37	7.52	-6.81	7.74E-10	2.04E-08	12.09
ILMN_2100437	HBB	1.51	10.47	6.81	7.74E-10	2.04E-08	12.09
ILMN_1667796	NA	1.55	9.89	6.81	7.82E-10	2.05E-08	12.08
ILMN_1671442	WDR43	0.26	7.13	6.81	7.83E-10	2.06E-08	12.08
ILMN_2388800	PLPP3	0.60	9.35	6.81	7.87E-10	2.07E-08	12.07
ILMN_1796349	SMPDL3A	-0.81	10.21	-6.81	7.93E-10	2.08E-08	12.07
ILMN_2412192	CFH	0.59	8.02	6.81	7.92E-10	2.08E-08	12.07
ILMN_1858624	NA	0.28	6.64	6.81	7.94E-10	2.08E-08	12.07
ILMN_2330307	SLC43A3	0.25	6.79	6.81	7.96E-10	2.08E-08	12.06
ILMN_1778236	PTPN11	0.29	9.29	6.80	8.10E-10	2.12E-08	12.05
ILMN_1814282	AEN	0.44	7.89	6.80	8.18E-10	2.14E-08	12.04
ILMN_1691572	TST	-0.76	12.07	-6.80	8.25E-10	2.15E-08	12.03
ILMN_1791726	TUBB3	0.25	6.54	6.80	8.26E-10	2.15E-08	12.03
ILMN_1713529	SEMA6A	-0.65	9.47	-6.80	8.30E-10	2.16E-08	12.02
ILMN_2398432	BRMS1	-0.30	9.57	-6.80	8.33E-10	2.17E-08	12.02
ILMN_1659350	CASP6	-0.29	7.01	-6.79	8.57E-10	2.23E-08	11.99
ILMN_1731688	KLB	-0.21	6.77	-6.79	8.59E-10	2.23E-08	11.99
ILMN_1671568	ECHDC2	-0.49	10.57	-6.79	8.61E-10	2.24E-08	11.99
ILMN_1747839	NA	-0.38	6.83	-6.79	8.66E-10	2.25E-08	11.98
ILMN_1724805	CDHR5	-0.39	6.99	-6.79	8.72E-10	2.26E-08	11.97
ILMN_1788283	COTL1	0.39	7.11	6.79	8.94E-10	2.32E-08	11.96
ILMN_2189859	TMEM192	-0.34	7.71	-6.78	9.09E-10	2.36E-08	11.93
ILMN_1710136	PUDP	-0.45	7.79	-6.78	9.11E-10	2.36E-08	11.93
ILMN_1758731	CYP2J2	-0.73	9.77	-6.78	9.20E-10	2.38E-08	11.92
ILMN_2059211	TMEM94	-0.34	7.29	-6.78	9.21E-10	2.38E-08	11.92
ILMN_1774071	CD177	-0.64	6.99	-6.78	9.29E-10	2.40E-08	11.91
ILMN_1658464	GTF3A	0.41	9.76	6.78	9.31E-10	2.40E-08	11.91
ILMN_1722858	PPP2CA	0.25	11.11	6.77	9.35E-10	2.41E-08	11.91
ILMN_1685493	TMCC3	-0.41	7.31	-6.78	9.41E-10	2.42E-08	11.91
ILMN_2394571	FBXW11	0.24	8.78	6.77	9.41E-10	2.42E-08	11.90
ILMN_1723662	ABHD2	0.31	7.08	6.79	9.47E-10	2.44E-08	11.90
ILMN_1776953	MYL9	0.82	7.58	6.77	9.53E-10	2.45E-08	11.89
ILMN_2319664	NOX1	-0.45	7.12	-6.77	9.54E-10	2.45E-08	11.89

ILMN_2350574	MYADM	0.58	7.26	6.77	9.54E-10	2.45E-08	11.89
ILMN_1728710	ZNF816	-0.29	7.86	-6.77	9.58E-10	2.46E-08	11.88
ILMN_1697115	CEBPA-AS1	-0.31	7.17	-6.77	9.66E-10	2.47E-08	11.88
ILMN_1682928	CPVL	0.69	7.78	6.77	9.67E-10	2.48E-08	11.87
ILMN_2359287	ITGA6	0.49	7.95	6.77	9.69E-10	2.48E-08	11.87
ILMN_3251317	RER1	-0.47	7.88	-6.77	9.72E-10	2.48E-08	11.87
ILMN_1705813	CFTR	-0.69	8.97	-6.77	9.74E-10	2.49E-08	11.87
ILMN_1799106	1-Mar	-0.41	7.50	-6.76	9.92E-10	2.53E-08	11.85
ILMN_2348788	CD44	0.70	8.38	6.76	9.94E-10	2.54E-08	11.85
ILMN_1723481	CHST3	0.34	7.00	6.76	9.96E-10	2.54E-08	11.85
ILMN_1709479	YAP1	0.44	8.26	6.76	9.97E-10	2.54E-08	11.84
ILMN_2278518	NFATC2IP	-0.34	7.00	-6.76	1.00E-09	2.55E-08	11.84
ILMN_1668743	RILPL2	0.39	7.21	6.76	1.02E-09	2.60E-08	11.82
ILMN_1807397	NDUFB5	-0.30	11.14	-6.76	1.02E-09	2.60E-08	11.82
ILMN_1747318	PATJ	-0.24	6.94	-6.75	1.03E-09	2.61E-08	11.81
ILMN_1801710	APBB1IP	0.53	7.58	6.75	1.03E-09	2.61E-08	11.81
ILMN_1803811	TRIB1	0.56	10.26	6.75	1.03E-09	2.61E-08	11.81
ILMN_2360415	PRNP	0.67	8.43	6.75	1.03E-09	2.61E-08	11.81
ILMN_2071446	PI15	0.35	7.02	6.75	1.04E-09	2.64E-08	11.80
ILMN_1772359	LAPTM5	0.85	8.28	6.75	1.04E-09	2.64E-08	11.80
ILMN_1771223	PADI2	-0.24	6.83	-6.75	1.06E-09	2.68E-08	11.78
ILMN_1654685	MCTP1	0.26	6.59	6.75	1.07E-09	2.69E-08	11.78
ILMN_2403446	ABHD2	0.26	6.79	6.74	1.07E-09	2.71E-08	11.77
ILMN_1667257	SDHB	-0.35	10.63	-6.74	1.08E-09	2.73E-08	11.76
ILMN_1756355	NDUFS3	-0.40	10.68	-6.74	1.08E-09	2.73E-08	11.76
ILMN_1694223	DGCR8	-0.29	7.70	-6.74	1.10E-09	2.77E-08	11.75
ILMN_1809245	PITPNB	0.26	7.24	6.74	1.10E-09	2.77E-08	11.75
ILMN_1659610	TJP3	-0.67	9.43	-6.75	1.11E-09	2.78E-08	11.75
ILMN_2094166	CHMP5	-0.43	8.98	-6.74	1.11E-09	2.78E-08	11.74
ILMN_1752027	UBE3B	-0.28	7.51	-6.74	1.11E-09	2.80E-08	11.74
ILMN_1674698	AARS2	-0.24	7.52	-6.74	1.12E-09	2.81E-08	11.73
ILMN_2052891	PKD2	0.39	8.02	6.74	1.12E-09	2.81E-08	11.73
ILMN_2410523	DDR2	0.52	7.49	6.74	1.12E-09	2.81E-08	11.73
ILMN_1743663	POMT1	-0.23	7.32	-6.73	1.13E-09	2.83E-08	11.72
ILMN_1708482	TMEM80	-0.33	7.46	-6.73	1.14E-09	2.85E-08	11.71
ILMN_1705247	ACSL5	-0.58	10.72	-6.73	1.15E-09	2.88E-08	11.70
ILMN_1662587	PNPLA7	-0.61	8.45	-6.73	1.16E-09	2.89E-08	11.70
ILMN_1805750	IFITM3	0.74	10.45	6.73	1.16E-09	2.90E-08	11.70
ILMN_1759870	NA	-0.20	6.97	-6.73	1.17E-09	2.92E-08	11.69
ILMN_1661631	LILRA3	0.35	6.53	6.73	1.18E-09	2.94E-08	11.68
ILMN_1656621	CHMP2A	-0.39	8.00	-6.72	1.19E-09	2.98E-08	11.67
ILMN_1738572	USP48	0.32	7.21	6.72	1.20E-09	2.98E-08	11.67
ILMN_2408946	PDE8A	-0.29	7.04	-6.72	1.23E-09	3.07E-08	11.64
ILMN_1678493	CHN1	0.44	7.08	6.71	1.24E-09	3.08E-08	11.63
ILMN_1761083	HNRNPA3	0.40	7.63	6.71	1.24E-09	3.09E-08	11.63
ILMN_1764410	GUCD1	-0.37	9.87	-6.71	1.24E-09	3.09E-08	11.63
ILMN_1785175	SWAP70	0.52	8.59	6.71	1.25E-09	3.11E-08	11.62
ILMN_1681890	DYNLT3	0.31	8.64	6.71	1.26E-09	3.12E-08	11.62

ILMN_1667893	TNS3	-0.34	9.80	-6.71	1.26E-09	3.13E-08	11.61
ILMN_1672350	JAM2	0.32	7.31	6.71	1.28E-09	3.17E-08	11.60
ILMN_1749009	REXO2	0.32	9.99	6.71	1.29E-09	3.19E-08	11.59
ILMN_1701918	KLHDC9	-0.31	7.11	-6.71	1.29E-09	3.19E-08	11.59
ILMN_1695945	MEIS2	0.45	7.10	6.70	1.30E-09	3.20E-08	11.59
ILMN_2373062	RHBDF2	0.42	7.44	6.71	1.31E-09	3.22E-08	11.59
ILMN_1718982	BEST1	0.19	6.69	6.70	1.31E-09	3.23E-08	11.58
ILMN_2103761	TLE4	0.31	7.97	6.71	1.31E-09	3.23E-08	11.58
ILMN_1739840	LRRRC8A	0.34	7.24	6.70	1.31E-09	3.24E-08	11.57
ILMN_1780060	FCN3	0.39	6.63	6.70	1.31E-09	3.24E-08	11.58
ILMN_1730998	TSPAN6	-0.66	8.90	-6.70	1.33E-09	3.27E-08	11.56
ILMN_2120022	ARL5B	0.35	7.41	6.70	1.34E-09	3.29E-08	11.56
ILMN_3263575	NA	-0.83	8.18	-6.70	1.34E-09	3.29E-08	11.56
ILMN_1794470	ANKFY1	-0.24	8.58	-6.70	1.34E-09	3.29E-08	11.55
ILMN_1741465	PTPRH	-0.57	8.19	-6.70	1.34E-09	3.30E-08	11.55
ILMN_1679719	NA	-0.45	6.79	-6.69	1.36E-09	3.34E-08	11.54
ILMN_1663538	CLYBL	-0.50	8.65	-6.69	1.37E-09	3.36E-08	11.53
ILMN_2341229	CD34	0.47	8.34	6.69	1.40E-09	3.43E-08	11.51
ILMN_2143795	NA	0.72	8.92	6.69	1.42E-09	3.48E-08	11.50
ILMN_1701308	COL1A1	1.01	8.89	6.68	1.42E-09	3.48E-08	11.50
ILMN_1719250	SLC44A4	-0.57	10.17	-6.68	1.43E-09	3.49E-08	11.49
ILMN_1733627	NEDD4L	-0.70	8.60	-6.68	1.44E-09	3.52E-08	11.48
ILMN_1741422	FUT8	0.58	7.55	6.68	1.44E-09	3.52E-08	11.48
ILMN_1696419	STOM	0.49	7.50	6.68	1.45E-09	3.54E-08	11.48
ILMN_3253456	FNDC3B	0.34	9.26	6.68	1.45E-09	3.54E-08	11.48
ILMN_1759991	NOL12	-0.39	9.08	-6.68	1.46E-09	3.56E-08	11.47
ILMN_3178302	FNDC3B	0.36	9.22	6.68	1.46E-09	3.56E-08	11.47
ILMN_1806165	NA	0.68	7.47	6.68	1.47E-09	3.56E-08	11.47
ILMN_1811364	NA	-0.60	9.89	-6.68	1.47E-09	3.57E-08	11.47
ILMN_1690484	KIAA0895	0.22	6.70	6.68	1.47E-09	3.58E-08	11.46
ILMN_1763322	CCR3	0.27	6.52	6.68	1.48E-09	3.59E-08	11.46
ILMN_2351241	RNF14	-0.29	7.99	-6.67	1.51E-09	3.66E-08	11.44
ILMN_1740949	LRRRC19	-0.59	7.96	-6.67	1.52E-09	3.68E-08	11.43
ILMN_1742025	OLFM1	0.56	7.72	6.67	1.52E-09	3.69E-08	11.43
ILMN_1855746	NA	-0.32	7.80	-6.68	1.53E-09	3.71E-08	11.43
ILMN_1749131	ENPP3	-0.47	6.97	-6.67	1.54E-09	3.72E-08	11.42
ILMN_1682864	SPSB3	-0.34	9.07	-6.66	1.57E-09	3.80E-08	11.40
ILMN_1704477	COX5A	-0.39	12.11	-6.66	1.58E-09	3.82E-08	11.39
ILMN_2109489	GZMB	0.42	6.67	6.66	1.59E-09	3.83E-08	11.39
ILMN_1901947	NA	-0.24	7.20	-6.66	1.59E-09	3.84E-08	11.39
ILMN_1704557	RPS6KB1	0.28	8.70	6.66	1.60E-09	3.85E-08	11.38
ILMN_2342437	KLHL5	0.35	6.80	6.67	1.61E-09	3.87E-08	11.38
ILMN_2308950	AKAP12	0.38	6.85	6.66	1.61E-09	3.88E-08	11.38
ILMN_1685387	PIGR	-0.75	12.41	-6.66	1.62E-09	3.90E-08	11.38
ILMN_1872457	NA	0.30	6.65	6.67	1.63E-09	3.91E-08	11.38
ILMN_2184966	ZHX2	0.34	7.32	6.65	1.65E-09	3.97E-08	11.35
ILMN_1655077	PRDM1	0.64	8.46	6.66	1.68E-09	4.03E-08	11.34
ILMN_1675448	ZFP36L1	0.57	8.68	6.65	1.69E-09	4.04E-08	11.33

ILMN_1800733	MANBA	0.28	7.87	6.64	1.74E-09	4.16E-08	11.30
ILMN_1765446	EMP3	0.74	8.68	6.64	1.74E-09	4.17E-08	11.30
ILMN_1746801	CGN	-0.93	10.08	-6.64	1.75E-09	4.18E-08	11.30
ILMN_1761764	ALKBH7	-0.34	7.80	-6.64	1.75E-09	4.18E-08	11.30
ILMN_1745849	ENTPD5	-0.59	7.77	-6.64	1.75E-09	4.19E-08	11.29
ILMN_1693388	NOXO1	-0.28	6.80	-6.64	1.75E-09	4.19E-08	11.29
ILMN_1774062	SLC25A5	-0.28	13.02	-6.64	1.76E-09	4.19E-08	11.29
ILMN_2155998	PSMD6	0.22	10.31	6.64	1.77E-09	4.23E-08	11.28
ILMN_1811972	MYCBP2	0.39	8.41	6.63	1.81E-09	4.31E-08	11.26
ILMN_1705663	DMXL2	-0.27	7.27	-6.63	1.85E-09	4.41E-08	11.24
ILMN_1722533	KATNAL1	0.28	7.16	6.63	1.85E-09	4.41E-08	11.24
ILMN_1766010	YARS	0.36	8.96	6.63	1.86E-09	4.42E-08	11.24
ILMN_2367258	SMOX	0.39	6.69	6.63	1.86E-09	4.42E-08	11.24
ILMN_1908918	SDIM1	0.29	6.60	6.63	1.87E-09	4.44E-08	11.23
ILMN_1781943	FAM83D	0.57	7.09	6.63	1.87E-09	4.44E-08	11.23
ILMN_1708934	ADM	0.81	10.40	6.63	1.87E-09	4.44E-08	11.23
ILMN_1678919	YOD1	0.40	7.81	6.62	1.89E-09	4.47E-08	11.22
ILMN_1811551	DERA	-0.36	10.17	-6.63	1.90E-09	4.50E-08	11.22
ILMN_1683980	PLEKHM2	0.26	8.55	6.62	1.91E-09	4.52E-08	11.21
ILMN_1692754	VMP1	0.37	9.73	6.62	1.92E-09	4.55E-08	11.20
ILMN_2379788	HIF1A	0.51	7.84	6.62	1.94E-09	4.58E-08	11.20
ILMN_1839719	NA	-0.31	8.24	-6.62	1.97E-09	4.64E-08	11.18
ILMN_2060145	GRHL2	-0.30	7.10	-6.62	1.97E-09	4.64E-08	11.18
ILMN_1762106	MMP2	0.20	6.57	6.62	1.97E-09	4.65E-08	11.18
ILMN_1663035	SREBF1	-0.36	7.67	-6.61	1.98E-09	4.66E-08	11.18
ILMN_1724333	TOR1B	-0.33	8.05	-6.61	1.98E-09	4.67E-08	11.17
ILMN_1701940	FAM73B	-0.31	7.53	-6.61	2.00E-09	4.69E-08	11.17
ILMN_2355033	KIAA1147	-0.35	9.90	-6.61	2.00E-09	4.69E-08	11.17
ILMN_2052163	YIPF1	-0.25	9.42	-6.61	2.02E-09	4.76E-08	11.15
ILMN_2336609	SYTL2	-0.64	10.97	-6.60	2.09E-09	4.90E-08	11.13
ILMN_1705849	SPR	-0.74	7.86	-6.60	2.11E-09	4.96E-08	11.11
ILMN_1733415	MFAP5	0.95	8.27	6.60	2.11E-09	4.96E-08	11.11
ILMN_1765860	DOCK11	0.63	8.02	6.61	2.12E-09	4.97E-08	11.11
ILMN_2189675	HRCT1	-0.65	7.12	-6.60	2.12E-09	4.97E-08	11.11
ILMN_2358541	RBMS1	0.30	6.86	6.61	2.18E-09	5.11E-08	11.09
ILMN_1812777	MRPL35	-0.49	8.35	-6.59	2.20E-09	5.15E-08	11.07
ILMN_1678300	NA	0.29	7.47	6.59	2.22E-09	5.18E-08	11.07
ILMN_1800225	PPARG	-0.50	9.87	-6.59	2.23E-09	5.21E-08	11.06
ILMN_3306730	RBM47	-0.53	11.10	-6.60	2.23E-09	5.21E-08	11.06
ILMN_1671895	ZNF613	-0.40	7.84	-6.59	2.25E-09	5.24E-08	11.05
ILMN_1770787	DDAH2	-0.36	7.33	-6.59	2.25E-09	5.25E-08	11.05
ILMN_1692731	TTYH3	0.46	7.68	6.59	2.26E-09	5.26E-08	11.05
ILMN_1729170	GPA33	-0.73	10.83	-6.58	2.30E-09	5.36E-08	11.03
ILMN_2344204	PRR13	-0.34	12.65	-6.58	2.30E-09	5.36E-08	11.03
ILMN_3238680	C7orf55	-0.51	8.80	-6.58	2.31E-09	5.38E-08	11.02
ILMN_1710078	TMEM181	-0.30	10.18	-6.58	2.32E-09	5.38E-08	11.02
ILMN_1770085	BTG2	0.65	8.61	6.58	2.32E-09	5.38E-08	11.02
ILMN_1710523	ATP8B1	-0.37	7.31	-6.58	2.32E-09	5.38E-08	11.02

ILMN_2308582	CYB5R3	0.26	11.19	6.58	2.36E-09	5.47E-08	11.00
ILMN_1669057	NA	-0.27	6.88	-6.58	2.36E-09	5.47E-08	11.00
ILMN_2101278	RGS18	0.38	6.98	6.57	2.38E-09	5.51E-08	11.00
ILMN_1781285	DUSP1	1.14	10.57	6.57	2.44E-09	5.65E-08	10.97
ILMN_1718988	DAZAP2	-0.25	11.94	-6.57	2.47E-09	5.70E-08	10.96
ILMN_1663975	CNNM2	-0.28	6.82	-6.57	2.47E-09	5.72E-08	10.96
ILMN_1695645	CETN2	0.33	9.50	6.57	2.49E-09	5.75E-08	10.95
ILMN_1766408	CBFB	0.40	8.18	6.57	2.49E-09	5.75E-08	10.96
ILMN_1714278	MSANTD3	0.29	7.16	6.56	2.53E-09	5.83E-08	10.94
ILMN_1669928	ARHGEF16	-0.56	9.13	-6.56	2.54E-09	5.86E-08	10.93
ILMN_1765109	TNFRSF25	-0.59	8.11	-6.56	2.59E-09	5.96E-08	10.91
ILMN_2068104	TFPI2	0.39	6.69	6.56	2.59E-09	5.97E-08	10.91
ILMN_1761789	CA7	-0.95	7.45	-6.55	2.70E-09	6.22E-08	10.87
ILMN_1761260	COBLL1	0.33	9.08	6.55	2.73E-09	6.27E-08	10.86
ILMN_1755710	EFNA4	-0.31	7.19	-6.55	2.74E-09	6.29E-08	10.87
ILMN_1748831	PPP1R13B	-0.40	8.24	-6.55	2.75E-09	6.30E-08	10.86
ILMN_1657554	TSPYL2	0.32	7.04	6.54	2.77E-09	6.36E-08	10.85
ILMN_1724994	COL4A2	0.46	7.48	6.56	2.78E-09	6.37E-08	10.86
ILMN_1744006	GFOD2	-0.23	7.16	-6.54	2.79E-09	6.39E-08	10.84
ILMN_1723978	LGALS1	0.77	10.17	6.54	2.80E-09	6.40E-08	10.84
ILMN_1719498	EPHX4	0.35	6.79	6.54	2.82E-09	6.44E-08	10.83
ILMN_1866887	NA	-0.24	8.31	-6.54	2.82E-09	6.44E-08	10.83
ILMN_2351298	WIPF1	0.52	7.24	6.54	2.85E-09	6.52E-08	10.82
ILMN_1769702	GPAA1	-0.42	7.57	-6.54	2.86E-09	6.53E-08	10.82
ILMN_1807981	SIGIRR	-0.36	8.16	-6.53	2.87E-09	6.54E-08	10.82
ILMN_1654861	ACO2	-0.40	8.68	-6.53	2.89E-09	6.59E-08	10.81
ILMN_1683992	OXSM	-0.20	7.14	-6.53	2.89E-09	6.59E-08	10.81
ILMN_1751425	ERMP1	-0.49	8.50	-6.53	2.90E-09	6.60E-08	10.81
ILMN_1697491	PRR5L	-0.69	8.56	-6.53	2.91E-09	6.63E-08	10.80
ILMN_1686804	CDK20	-0.26	7.07	-6.53	2.95E-09	6.70E-08	10.79
ILMN_1686555	FYN	0.58	7.62	6.53	2.97E-09	6.75E-08	10.78
ILMN_1849013	IL6ST	0.55	9.66	6.53	2.99E-09	6.80E-08	10.77
ILMN_2327860	MAL	0.51	8.05	6.53	2.99E-09	6.80E-08	10.77
ILMN_1802411	ITGA1	0.33	6.92	6.52	3.01E-09	6.82E-08	10.77
ILMN_1810910	CFH	0.54	7.75	6.52	3.02E-09	6.84E-08	10.77
ILMN_1746788	TRIM10	-0.32	7.23	-6.52	3.04E-09	6.89E-08	10.76
ILMN_2374244	DYRK2	-0.48	10.47	-6.52	3.07E-09	6.94E-08	10.75
ILMN_1811921	CSRP1	0.57	10.00	6.52	3.09E-09	6.99E-08	10.74
ILMN_1667315	NA	-0.31	7.78	-6.52	3.10E-09	7.01E-08	10.74
ILMN_2183216	TDP2	-0.34	6.94	-6.52	3.10E-09	7.01E-08	10.74
ILMN_1678899	ERN2	-0.45	7.90	-6.52	3.14E-09	7.09E-08	10.73
ILMN_1673640	PAG1	-0.19	6.58	-6.51	3.16E-09	7.14E-08	10.72
ILMN_1808789	MYO5C	-0.39	9.68	-6.51	3.17E-09	7.14E-08	10.72
ILMN_2347068	MKMK2	-0.43	10.19	-6.51	3.19E-09	7.18E-08	10.71
ILMN_1720998	CA12	-0.91	10.47	-6.51	3.21E-09	7.23E-08	10.70
ILMN_1710408	LGR4	-0.41	7.54	-6.51	3.22E-09	7.24E-08	10.70
ILMN_1744059	DCTN6	0.32	8.38	6.51	3.22E-09	7.25E-08	10.70
ILMN_1688780	S100A4	0.87	10.22	6.51	3.23E-09	7.26E-08	10.70

ILMN_2127842	HBA2	1.48	9.50	6.51	3.23E-09	7.26E-08	10.70
ILMN_3278170	LOC441455	-0.39	7.08	-6.51	3.23E-09	7.26E-08	10.70
ILMN_1728199	POLE	-0.30	7.26	-6.51	3.24E-09	7.26E-08	10.70
ILMN_1696485	HNRNPAB	-0.33	8.87	-6.51	3.25E-09	7.27E-08	10.69
ILMN_1671191	UQCRC1	-0.46	10.36	-6.51	3.26E-09	7.30E-08	10.69
ILMN_1669497	OSBPL10	0.33	7.79	6.50	3.33E-09	7.46E-08	10.67
ILMN_2318638	TGIF1	0.46	8.82	6.50	3.35E-09	7.50E-08	10.66
ILMN_2348268	IFFO1	0.38	8.40	6.50	3.36E-09	7.51E-08	10.66
ILMN_1677765	LRP8	0.34	6.81	6.50	3.41E-09	7.63E-08	10.65
ILMN_1728887	PAK4	-0.31	7.99	-6.50	3.44E-09	7.68E-08	10.64
ILMN_1698605	TMEM43	0.37	9.07	6.50	3.44E-09	7.68E-08	10.64
ILMN_1676611	PHPT1	-0.36	9.15	-6.50	3.45E-09	7.69E-08	10.64
ILMN_1712360	WISP3	0.63	6.72	6.49	3.51E-09	7.83E-08	10.62
ILMN_1695432	TPST2	0.44	7.49	6.50	3.52E-09	7.85E-08	10.62
ILMN_1683146	FTH1	-0.57	10.32	-6.49	3.55E-09	7.89E-08	10.61
ILMN_1844593	NA	0.60	7.41	6.49	3.59E-09	7.98E-08	10.60
ILMN_2072541	RAB11FIP2	0.29	7.90	6.49	3.59E-09	7.98E-08	10.60
ILMN_1800078	LMO2	0.45	7.39	6.49	3.61E-09	8.03E-08	10.59
ILMN_1703969	PDXDC1	-0.32	7.21	-6.49	3.65E-09	8.10E-08	10.59
ILMN_2396571	GPR108	-0.30	7.52	-6.48	3.66E-09	8.12E-08	10.58
ILMN_1763891	SSC5D	0.37	7.09	6.48	3.70E-09	8.20E-08	10.57
ILMN_1715662	CCDC80	0.24	6.44	6.49	3.72E-09	8.25E-08	10.57
ILMN_2231020	TMEM185B	0.28	7.48	6.48	3.72E-09	8.25E-08	10.56
ILMN_1782788	YBX3	0.39	10.96	6.48	3.73E-09	8.26E-08	10.56
ILMN_2273911	ACSL5	-0.51	7.39	-6.48	3.74E-09	8.27E-08	10.56
ILMN_1753064	TTC13	-0.29	7.63	-6.48	3.75E-09	8.29E-08	10.55
ILMN_1657744	FAM219B	-0.28	8.05	-6.48	3.76E-09	8.30E-08	10.55
ILMN_1682812	C21orf33	-0.36	7.64	-6.48	3.76E-09	8.30E-08	10.55
ILMN_1669281	CLN3	-0.40	7.86	-6.48	3.77E-09	8.30E-08	10.55
ILMN_2414826	VPS13A	-0.33	7.57	-6.48	3.77E-09	8.30E-08	10.55
ILMN_1729112	CHPT1	-0.52	9.40	-6.48	3.77E-09	8.31E-08	10.55
ILMN_1730620	ARRB1	-0.29	7.51	-6.48	3.77E-09	8.31E-08	10.55
ILMN_1690844	DNAJB6	0.31	10.41	6.47	3.80E-09	8.34E-08	10.54
ILMN_1748473	GIMAP4	0.61	8.66	6.47	3.80E-09	8.34E-08	10.54
ILMN_1757406	HIST1H1C	-0.66	9.19	-6.48	3.80E-09	8.34E-08	10.55
ILMN_3239445	ZBTB42	-0.29	7.81	-6.47	3.80E-09	8.34E-08	10.54
ILMN_1814998	POTEKP	0.55	10.96	6.47	3.81E-09	8.36E-08	10.54
ILMN_1707232	EBF3	0.18	6.48	6.47	3.90E-09	8.55E-08	10.52
ILMN_1694106	GPD1L	-0.55	10.35	-6.47	3.91E-09	8.58E-08	10.52
ILMN_1776936	KANK4	-0.35	6.91	-6.47	3.93E-09	8.61E-08	10.51
ILMN_1744381	SERPINE1	0.72	7.03	6.46	3.98E-09	8.70E-08	10.50
ILMN_1707464	NA	-1.24	8.44	-6.46	3.99E-09	8.72E-08	10.49
ILMN_1659054	NA	-0.25	7.55	-6.46	3.99E-09	8.72E-08	10.49
ILMN_1780671	PLEKHG3	-0.32	8.28	-6.46	4.02E-09	8.79E-08	10.49
ILMN_1815115	CYC1	-0.37	10.40	-6.46	4.04E-09	8.82E-08	10.48
ILMN_1812824	SST	-1.05	7.37	-6.46	4.06E-09	8.86E-08	10.48
ILMN_1710937	IFI16	0.68	8.47	6.47	4.07E-09	8.87E-08	10.48
ILMN_1728197	CLDN5	0.49	7.67	6.46	4.09E-09	8.91E-08	10.47

ILMN_1878029	NA	0.33	8.65	6.46	4.09E-09	8.91E-08	10.47
ILMN_1775677	TYSND1	-0.32	8.38	-6.46	4.11E-09	8.94E-08	10.47
ILMN_1692651	PHB	-0.37	8.97	-6.46	4.12E-09	8.95E-08	10.46
ILMN_2374687	PTPN13	0.24	6.78	6.46	4.13E-09	8.98E-08	10.46
ILMN_1800897	NRDC	0.25	9.49	6.46	4.14E-09	9.00E-08	10.46
ILMN_1745620	KRCC1	-0.38	9.39	-6.45	4.20E-09	9.11E-08	10.44
ILMN_1800787	RFTN1	0.78	9.23	6.45	4.20E-09	9.11E-08	10.44
ILMN_1678490	RILPL2	0.35	7.03	6.46	4.22E-09	9.15E-08	10.44
ILMN_2195319	PDE6A	-0.27	6.66	-6.45	4.24E-09	9.19E-08	10.43
ILMN_1779279	MAPK1IP1L	0.29	8.90	6.45	4.26E-09	9.23E-08	10.43
ILMN_1784292	ANKMY2	-0.30	8.20	-6.45	4.28E-09	9.25E-08	10.43
ILMN_1852151	NA	-0.30	6.75	-6.45	4.28E-09	9.25E-08	10.43
ILMN_1770725	AIF1L	0.22	6.64	6.45	4.31E-09	9.32E-08	10.42
ILMN_1809566	ZSCAN16	-0.23	7.70	-6.45	4.33E-09	9.35E-08	10.42
ILMN_1809613	NGEF	-0.30	7.10	-6.45	4.34E-09	9.37E-08	10.41
ILMN_1781400	SLC7A2	0.47	7.02	6.45	4.34E-09	9.37E-08	10.41
ILMN_1684368	SMIM3	0.26	6.76	6.45	4.35E-09	9.38E-08	10.41
ILMN_1811754	NDUFB10	-0.38	10.04	-6.45	4.35E-09	9.38E-08	10.41
ILMN_1811779	MGC24103	0.26	7.17	6.44	4.36E-09	9.40E-08	10.41
ILMN_1821517	NA	-0.40	13.15	-6.44	4.37E-09	9.40E-08	10.41
ILMN_3240222	SGK223	-0.45	9.09	-6.44	4.43E-09	9.52E-08	10.39
ILMN_1785732	TNFAIP6	0.71	7.00	6.44	4.44E-09	9.55E-08	10.39
ILMN_3309739	MIRLET7D	-0.26	6.84	-6.44	4.52E-09	9.71E-08	10.37
ILMN_1732151	COL6A1	0.62	8.83	6.44	4.54E-09	9.75E-08	10.37
ILMN_2410406	AKAP7	-0.24	6.59	-6.43	4.56E-09	9.78E-08	10.36
ILMN_1809384	CYP4F12	-0.72	8.97	-6.43	4.56E-09	9.79E-08	10.36
ILMN_1733176	LIMS1	0.50	8.94	6.43	4.57E-09	9.79E-08	10.36
ILMN_2400759	CPVL	0.97	8.71	6.43	4.58E-09	9.81E-08	10.36
ILMN_2063586	CLIC4	0.51	9.63	6.43	4.60E-09	9.84E-08	10.36
ILMN_1771026	GARS	0.33	9.78	6.43	4.62E-09	9.88E-08	10.35
ILMN_1698100	ANXA2P1	0.55	7.83	6.43	4.70E-09	1.01E-07	10.33
ILMN_1726666	GPX3	0.81	8.13	6.43	4.73E-09	1.01E-07	10.33
ILMN_3245103	RNU11	0.67	6.91	6.42	4.78E-09	1.02E-07	10.32
ILMN_1675656	PPFIBP2	-0.39	9.03	-6.42	4.79E-09	1.02E-07	10.32
ILMN_1778374	BSG	-0.61	10.37	-6.43	4.82E-09	1.03E-07	10.31
ILMN_1729281	SPHK2	-0.44	8.88	-6.42	4.83E-09	1.03E-07	10.31
ILMN_1780861	NA	-0.30	9.78	-6.42	4.83E-09	1.03E-07	10.31
ILMN_3240144	NA	1.42	8.60	6.42	4.84E-09	1.03E-07	10.31
ILMN_2059505	ARPP19	0.36	8.82	6.42	4.89E-09	1.04E-07	10.30
ILMN_1857897	NA	-0.36	7.43	-6.42	4.89E-09	1.04E-07	10.30
ILMN_1742677	HOXB13	-0.80	7.70	-6.42	4.91E-09	1.04E-07	10.29
ILMN_1718960	SERPINB8	0.37	7.07	6.42	4.92E-09	1.05E-07	10.29
ILMN_1810782	SH3KBP1	-0.36	10.07	-6.42	4.95E-09	1.05E-07	10.28
ILMN_1735779	KCNJ8	0.33	6.86	6.42	4.98E-09	1.06E-07	10.28
ILMN_2255256	MARVELD3	-0.43	7.28	-6.42	5.00E-09	1.06E-07	10.28
ILMN_1660446	BTNL3	-0.60	7.25	-6.41	5.02E-09	1.06E-07	10.27
ILMN_1770466	ATP5G3	-0.32	7.23	-6.41	5.08E-09	1.07E-07	10.26
ILMN_1763638	BCAR3	-0.40	8.64	-6.41	5.13E-09	1.08E-07	10.25

ILMN_2156982	IMP4	0.29	9.35	6.41	5.13E-09	1.08E-07	10.25
ILMN_1735438	GPM6B	0.36	6.77	6.41	5.15E-09	1.09E-07	10.25
ILMN_1761762	NA	0.41	7.08	6.42	5.16E-09	1.09E-07	10.25
ILMN_1766918	KCNK5	-0.35	7.41	-6.41	5.16E-09	1.09E-07	10.24
ILMN_1724376	ERLEC1	0.30	9.47	6.40	5.27E-09	1.11E-07	10.22
ILMN_3191393	CCDC80	0.30	6.66	6.40	5.27E-09	1.11E-07	10.22
ILMN_1655614	DSP	-0.40	8.71	-6.40	5.29E-09	1.11E-07	10.22
ILMN_1702247	CCNDBP1	-0.26	10.38	-6.40	5.30E-09	1.12E-07	10.22
ILMN_2067269	RECK	0.34	7.40	6.40	5.30E-09	1.12E-07	10.22
ILMN_2091310	ANO1	0.60	7.79	6.40	5.31E-09	1.12E-07	10.22
ILMN_1792672	POLR2D	0.21	7.18	6.40	5.31E-09	1.12E-07	10.22
ILMN_1678215	RHOJ	0.27	7.02	6.40	5.34E-09	1.12E-07	10.21
ILMN_2382990	HK1	0.30	10.53	6.40	5.34E-09	1.12E-07	10.21
ILMN_1738322	SHROOM1	-0.30	6.69	-6.39	5.49E-09	1.15E-07	10.18
ILMN_1813350	HSD11B2	-0.87	9.67	-6.39	5.50E-09	1.15E-07	10.18
ILMN_1732575	SEC14L1	0.24	6.87	6.39	5.51E-09	1.15E-07	10.18
ILMN_1737611	VAMP1	0.44	7.75	6.39	5.52E-09	1.16E-07	10.18
ILMN_1682332	GYPC	0.58	7.34	6.39	5.56E-09	1.16E-07	10.17
ILMN_1760647	HOXA3	-0.53	7.26	-6.39	5.57E-09	1.16E-07	10.17
ILMN_1749792	SORBS1	0.70	8.34	6.39	5.63E-09	1.18E-07	10.16
ILMN_2386205	C21orf33	-0.30	7.36	-6.39	5.66E-09	1.18E-07	10.15
ILMN_3248443	SNHG6	0.47	9.58	6.39	5.69E-09	1.19E-07	10.15
ILMN_1714083	KLHL8	-0.33	7.55	-6.38	5.77E-09	1.20E-07	10.13
ILMN_1723874	MRPS6	-0.27	10.38	-6.38	5.77E-09	1.20E-07	10.13
ILMN_2169439	ITGAV	0.43	9.28	6.38	5.78E-09	1.20E-07	10.13
ILMN_1778951	C6orf203	-0.23	7.14	-6.38	5.80E-09	1.21E-07	10.13
ILMN_2079786	NUAK1	0.30	7.29	6.39	5.81E-09	1.21E-07	10.13
ILMN_1770663	KRT24	0.50	6.71	6.38	5.83E-09	1.21E-07	10.13
ILMN_1677292	C5orf30	-0.55	8.39	-6.38	5.85E-09	1.22E-07	10.12
ILMN_2167426	ASPHD2	0.23	6.90	6.38	5.86E-09	1.22E-07	10.12
ILMN_2401878	DUSP10	0.24	6.72	6.38	5.88E-09	1.22E-07	10.12
ILMN_2393544	PRMT2	-0.25	7.64	-6.38	5.89E-09	1.22E-07	10.12
ILMN_1784847	CREBZF	0.29	7.45	6.38	5.98E-09	1.24E-07	10.10
ILMN_1757845	SPIRE1	0.45	8.20	6.38	5.98E-09	1.24E-07	10.10
ILMN_1712684	FAM20C	0.45	7.49	6.37	6.06E-09	1.25E-07	10.09
ILMN_1715625	SLX4IP	-0.33	7.90	-6.37	6.13E-09	1.27E-07	10.08
ILMN_1773959	ST6GALNAC!	0.19	6.36	6.37	6.13E-09	1.27E-07	10.08
ILMN_1707627	TPI1	-0.37	10.84	-6.37	6.14E-09	1.27E-07	10.07
ILMN_1745573	TTC13	-0.36	8.90	-6.37	6.16E-09	1.27E-07	10.07
ILMN_1741406	HOOK1	-0.54	8.85	-6.37	6.19E-09	1.28E-07	10.07
ILMN_1656902	HECTD3	-0.32	7.78	-6.37	6.21E-09	1.28E-07	10.06
ILMN_1666453	STK3	0.34	8.28	6.37	6.22E-09	1.28E-07	10.06
ILMN_1701514	TRAF3IP2	-0.32	9.19	-6.37	6.22E-09	1.28E-07	10.06
ILMN_1727271	WARS	0.67	8.53	6.37	6.24E-09	1.29E-07	10.06
ILMN_1712545	S100A3	0.23	6.46	6.37	6.26E-09	1.29E-07	10.06
ILMN_1694548	ANXA3	0.64	8.43	6.37	6.27E-09	1.29E-07	10.05
ILMN_1731194	STRAP	0.26	9.54	6.37	6.28E-09	1.29E-07	10.05
ILMN_1778173	AK3	-0.34	10.10	-6.37	6.29E-09	1.29E-07	10.05

ILMN_2350634	EFEMP1	0.89	8.67	6.36	6.36E-09	1.31E-07	10.04
ILMN_1775444	NA	-0.25	7.51	-6.36	6.38E-09	1.31E-07	10.04
ILMN_2316918	PANK1	-0.67	8.53	-6.37	6.39E-09	1.31E-07	10.04
ILMN_1735495	TBC1D8	0.40	7.41	6.36	6.46E-09	1.32E-07	10.03
ILMN_1809139	AHCTF1	0.25	8.01	6.36	6.46E-09	1.32E-07	10.03
ILMN_1691175	ADH6	-0.20	6.68	-6.36	6.50E-09	1.33E-07	10.02
ILMN_2092756	TMEM109	0.28	8.09	6.36	6.50E-09	1.33E-07	10.02
ILMN_2066124	AFG3L2	-0.43	9.73	-6.36	6.58E-09	1.35E-07	10.01
ILMN_1718607	TSPAN4	0.37	8.20	6.35	6.65E-09	1.36E-07	10.00
ILMN_1733930	PREB	0.25	7.65	6.35	6.66E-09	1.36E-07	10.00
ILMN_3268914	NA	0.49	10.27	6.36	6.72E-09	1.37E-07	9.99
ILMN_1714522	CLMN	-0.25	7.04	-6.35	6.79E-09	1.39E-07	9.98
ILMN_1678652	TCTN3	-0.28	7.49	-6.35	6.81E-09	1.39E-07	9.97
ILMN_1712430	ATP5G1	-0.60	7.84	-6.35	6.83E-09	1.39E-07	9.98
ILMN_1674560	GBA2	-0.31	7.93	-6.34	6.91E-09	1.41E-07	9.96
ILMN_1768534	BHLHE40	0.76	9.78	6.34	6.93E-09	1.41E-07	9.96
ILMN_1701052	TUBG2	0.23	6.97	6.34	6.98E-09	1.42E-07	9.95
ILMN_1695316	SLC39A8	-0.51	8.67	-6.34	7.04E-09	1.43E-07	9.94
ILMN_1800739	SPINT2	-0.53	11.52	-6.34	7.05E-09	1.43E-07	9.94
ILMN_1757644	UBE2H	0.26	7.91	6.34	7.05E-09	1.43E-07	9.94
ILMN_3241758	POTEF	0.41	12.39	6.34	7.05E-09	1.43E-07	9.94
ILMN_1735367	HSD17B11	-0.56	10.38	-6.34	7.06E-09	1.43E-07	9.94
ILMN_2380801	FYN	0.33	6.97	6.34	7.08E-09	1.43E-07	9.94
ILMN_1765574	TFAP2A	0.63	6.92	6.34	7.08E-09	1.43E-07	9.94
ILMN_1791912	SIDT2	-0.42	9.88	-6.60	7.11E-09	1.44E-07	10.10
ILMN_3226181	NUDT7	-0.41	8.15	-6.34	7.13E-09	1.44E-07	9.93
ILMN_1845086	NA	0.30	8.05	6.34	7.14E-09	1.44E-07	9.93
ILMN_1718972	MFSD3	-0.46	8.45	-6.34	7.18E-09	1.45E-07	9.92
ILMN_1814686	BCO1	-0.47	7.40	-6.34	7.22E-09	1.46E-07	9.92
ILMN_1664750	TMBIM4	-0.24	11.28	-6.33	7.24E-09	1.46E-07	9.91
ILMN_3250067	ANGPT2	0.24	6.84	6.33	7.23E-09	1.46E-07	9.92
ILMN_1698225	MYO5A	0.30	6.79	6.33	7.31E-09	1.47E-07	9.91
ILMN_2399893	RPS24	0.34	7.91	6.33	7.30E-09	1.47E-07	9.91
ILMN_1790985	CSGALNACT:	0.34	7.07	6.33	7.37E-09	1.48E-07	9.90
ILMN_1733579	EVI2A	0.52	7.48	6.33	7.45E-09	1.50E-07	9.89
ILMN_2402341	MAPK3	-0.40	9.33	-6.33	7.46E-09	1.50E-07	9.89
ILMN_1767111	ANO10	-0.30	7.40	-6.33	7.47E-09	1.50E-07	9.88
ILMN_2117323	PIK3C2B	-0.34	8.56	-6.33	7.51E-09	1.51E-07	9.88
ILMN_1706434	YBX3P1	0.44	8.52	6.33	7.56E-09	1.52E-07	9.87
ILMN_1693338	CYP1B1	0.60	6.93	6.32	7.63E-09	1.53E-07	9.86
ILMN_2151281	GABARAPL1	0.42	8.24	6.32	7.65E-09	1.53E-07	9.86
ILMN_1678579	CPT2	-0.48	9.06	-6.32	7.66E-09	1.54E-07	9.86
ILMN_1795338	YPEL1	-0.28	7.47	-6.33	7.75E-09	1.55E-07	9.85
ILMN_1755405	PGAP2	-0.29	8.47	-6.32	7.77E-09	1.56E-07	9.85
ILMN_3247821	TMEM206	0.26	6.93	6.32	7.77E-09	1.56E-07	9.85
ILMN_2214910	EPHB4	0.28	7.53	6.32	7.84E-09	1.57E-07	9.84
ILMN_1709043	PLGRKT	-0.36	9.67	-6.32	7.87E-09	1.57E-07	9.83
ILMN_1752478	DHRS3	-0.40	8.78	-6.32	7.87E-09	1.57E-07	9.84

ILMN_2124352	DCUN1D5	0.27	7.50	6.32	7.88E-09	1.57E-07	9.83
ILMN_1781374	TUFT1	-0.42	8.71	-6.32	7.90E-09	1.58E-07	9.83
ILMN_3235171	CCDC64B	-0.39	7.22	-6.32	7.93E-09	1.58E-07	9.83
ILMN_1670383	PCDH7	0.23	6.56	6.31	7.96E-09	1.59E-07	9.82
ILMN_1687583	CAV1	0.36	7.05	6.31	7.97E-09	1.59E-07	9.82
ILMN_1778734	FAN1	-0.33	8.89	-6.31	8.03E-09	1.60E-07	9.81
ILMN_2407346	LDHD	-0.60	7.40	-6.31	8.04E-09	1.60E-07	9.81
ILMN_1738491	SNX30	-0.44	7.99	-6.32	8.06E-09	1.60E-07	9.81
ILMN_1805643	RILPL1	0.29	7.34	6.31	8.06E-09	1.60E-07	9.81
ILMN_2382505	SLC22A18	-0.58	9.17	-6.31	8.19E-09	1.63E-07	9.80
ILMN_1805543	ADAMTS9	0.57	7.12	6.31	8.21E-09	1.63E-07	9.79
ILMN_1697510	ACSS2	-0.23	6.81	-6.31	8.22E-09	1.63E-07	9.79
ILMN_3284429	NA	-0.35	7.66	-6.31	8.24E-09	1.63E-07	9.79
ILMN_1724832	OVOL2	-0.50	8.56	-6.30	8.36E-09	1.66E-07	9.77
ILMN_2319326	ADARB1	0.23	6.79	6.31	8.47E-09	1.68E-07	9.77
ILMN_1800721	VPS13A	-0.23	7.14	-6.30	8.59E-09	1.70E-07	9.75
ILMN_1724533	LY96	0.80	8.48	6.30	8.62E-09	1.70E-07	9.75
ILMN_1741253	UBR5	0.24	7.82	6.30	8.67E-09	1.71E-07	9.74
ILMN_1724789	CD59	0.53	7.91	6.29	8.73E-09	1.73E-07	9.73
ILMN_1698554	AACS	-0.21	7.10	-6.29	8.81E-09	1.74E-07	9.72
ILMN_2336130	NA	-0.46	8.71	-6.29	8.82E-09	1.74E-07	9.72
ILMN_2392189	CTDSPL	-0.42	9.00	-6.29	8.85E-09	1.74E-07	9.72
ILMN_1815937	TMEM184A	-0.37	6.86	-6.29	8.86E-09	1.75E-07	9.72
ILMN_1769245	GLIPR1	0.46	7.11	6.29	8.89E-09	1.75E-07	9.71
ILMN_1698323	PLEKHB2	-0.45	8.03	-6.29	8.91E-09	1.75E-07	9.71
ILMN_1709634	CMBL	-0.61	10.20	-6.29	8.95E-09	1.76E-07	9.71
ILMN_2401873	DUSP10	0.24	6.84	6.29	8.99E-09	1.77E-07	9.70
ILMN_3231638	FAM160B1	0.32	8.83	6.29	9.01E-09	1.77E-07	9.70
ILMN_1769520	UBE2L6	0.65	9.55	6.29	9.05E-09	1.78E-07	9.70
ILMN_2145670	TNC	0.61	8.26	6.29	9.06E-09	1.78E-07	9.70
ILMN_1785852	NABP1	0.53	8.74	6.28	9.18E-09	1.80E-07	9.68
ILMN_1706959	TIMM22	-0.28	8.16	-6.28	9.23E-09	1.81E-07	9.68
ILMN_1815619	CDX1	-0.62	10.42	-6.28	9.25E-09	1.81E-07	9.68
ILMN_1663575	NA	0.39	8.20	6.28	9.30E-09	1.82E-07	9.67
ILMN_1768097	RPGR	0.23	7.31	6.28	9.30E-09	1.82E-07	9.67
ILMN_1702835	SH3BGRL	0.45	9.68	6.28	9.35E-09	1.83E-07	9.67
ILMN_2410516	PPM1A	-0.33	7.43	-6.28	9.38E-09	1.83E-07	9.66
ILMN_2402600	GLIS3	0.45	7.35	6.28	9.43E-09	1.84E-07	9.66
ILMN_3236694	LOC1001339	0.17	6.65	6.28	9.43E-09	1.84E-07	9.66
ILMN_2096116	HSP90B1	0.34	11.49	6.28	9.44E-09	1.84E-07	9.66
ILMN_1728049	S100A16	0.58	9.17	6.27	9.56E-09	1.86E-07	9.64
ILMN_1735151	EIF5A2	0.21	6.90	6.27	9.56E-09	1.86E-07	9.64
ILMN_1781623	TEX264	-0.28	7.67	-6.27	9.56E-09	1.86E-07	9.64
ILMN_1676393	ATP5G1	-0.46	10.06	-6.27	9.59E-09	1.87E-07	9.64
ILMN_1714523	HEPH	-0.41	9.38	-6.27	9.71E-09	1.89E-07	9.63
ILMN_1788394	TTLL6	-0.45	7.30	-6.27	9.74E-09	1.90E-07	9.63
ILMN_2158003	KIAA1683	-0.38	7.11	-6.27	9.81E-09	1.91E-07	9.62
ILMN_1788192	ARMCX1	0.31	7.30	6.27	9.83E-09	1.91E-07	9.62

ILMN_1718907	TSHZ1	-0.26	7.82	-6.27	9.95E-09	1.93E-07	9.61
ILMN_1725510	DHCR24	-0.52	8.44	-6.27	9.97E-09	1.93E-07	9.60
ILMN_1764769	VWA5A	-0.44	8.68	-6.27	9.97E-09	1.93E-07	9.60
ILMN_2366041	ITM2C	-0.67	12.32	-6.27	9.96E-09	1.93E-07	9.60
ILMN_1664167	RPF2	0.35	8.92	6.26	1.01E-08	1.95E-07	9.60
ILMN_1672717	TMEM254	-0.33	8.25	-6.26	1.01E-08	1.95E-07	9.60
ILMN_1693311	TMBIM6	-0.31	12.06	-6.26	1.00E-08	1.95E-07	9.60
ILMN_1774207	ANGPT2	0.23	6.58	6.26	1.00E-08	1.95E-07	9.60
ILMN_2396546	IGSF3	-0.35	7.11	-6.26	1.01E-08	1.95E-07	9.59
ILMN_1759787	THBD	0.28	6.61	6.26	1.01E-08	1.95E-07	9.59
ILMN_2059886	TTC38	-0.52	9.10	-6.26	1.03E-08	1.99E-07	9.57
ILMN_1667430	DEGS1	0.42	7.64	6.26	1.03E-08	2.00E-07	9.57
ILMN_1705464	MRPL41	-0.46	9.14	-6.26	1.04E-08	2.01E-07	9.56
ILMN_1756402	TMEM177	-0.28	7.48	-6.26	1.04E-08	2.01E-07	9.56
ILMN_1671149	MEG3	0.24	6.88	6.25	1.05E-08	2.01E-07	9.56
ILMN_1783709	RRAGA	0.18	9.94	6.25	1.05E-08	2.01E-07	9.56
ILMN_1709674	GFPT2	0.38	6.59	6.25	1.05E-08	2.02E-07	9.55
ILMN_2374683	PTPN13	0.23	6.58	6.25	1.05E-08	2.02E-07	9.55
ILMN_1704195	FUK	-0.30	8.14	-6.25	1.06E-08	2.03E-07	9.55
ILMN_1744614	PLEKHG6	-0.49	7.72	-6.25	1.06E-08	2.03E-07	9.55
ILMN_1800425	SLC9A1	-0.44	9.90	-6.25	1.06E-08	2.03E-07	9.55
ILMN_1803018	KIFC2	-0.45	8.12	-6.25	1.06E-08	2.04E-07	9.54
ILMN_2341548	MYO5B	-0.47	8.50	-6.25	1.07E-08	2.06E-07	9.53
ILMN_2078334	CNOT10	-0.18	7.22	-6.25	1.08E-08	2.06E-07	9.54
ILMN_1664012	CANT1	-0.42	9.76	-6.25	1.08E-08	2.06E-07	9.53
ILMN_1803277	MVP	-0.51	9.77	-6.25	1.08E-08	2.06E-07	9.53
ILMN_2121816	GPR137B	0.38	7.56	6.25	1.08E-08	2.06E-07	9.53
ILMN_1661500	B4GALT4	-0.34	8.78	-6.25	1.08E-08	2.07E-07	9.53
ILMN_2339377	DNM2	-0.34	7.55	-6.24	1.11E-08	2.12E-07	9.50
ILMN_2108357	RPL39L	0.34	7.42	6.24	1.12E-08	2.13E-07	9.49
ILMN_1768784	PSMC2	0.31	9.74	6.24	1.13E-08	2.15E-07	9.48
ILMN_1674719	NID1	0.24	6.79	6.24	1.14E-08	2.17E-07	9.48
ILMN_2328986	SREBF1	-0.22	6.92	-6.24	1.14E-08	2.17E-07	9.47
ILMN_1740717	ADH1C	-1.45	9.94	-6.24	1.14E-08	2.18E-07	9.47
ILMN_1711087	NA	-0.46	8.15	-6.23	1.15E-08	2.20E-07	9.46
ILMN_1823533	NA	-0.18	6.90	-6.23	1.15E-08	2.20E-07	9.46
ILMN_2189406	ARPIN	-0.27	7.12	-6.23	1.16E-08	2.21E-07	9.45
ILMN_1915188	MID2	0.29	7.11	6.23	1.17E-08	2.22E-07	9.45
ILMN_1738346	MICU2	-0.21	9.44	-6.23	1.17E-08	2.22E-07	9.45
ILMN_1692664	PRR5	-0.27	7.48	-6.24	1.17E-08	2.23E-07	9.45
ILMN_1651429	SELM	0.51	8.26	6.23	1.17E-08	2.23E-07	9.44
ILMN_1752351	LAMP2	0.42	8.75	6.23	1.18E-08	2.23E-07	9.44
ILMN_1766650	FOXA1	-0.50	9.05	-6.23	1.18E-08	2.23E-07	9.44
ILMN_1688775	NA	-0.30	8.90	-6.23	1.19E-08	2.26E-07	9.43
ILMN_1702124	LNX2	-0.33	8.09	-6.23	1.19E-08	2.26E-07	9.43
ILMN_3237961	ANO1	0.46	7.33	6.23	1.20E-08	2.26E-07	9.43
ILMN_2381899	OPTN	-0.37	8.98	-6.22	1.20E-08	2.27E-07	9.42
ILMN_1679176	CLCA4	-1.52	11.20	-6.22	1.21E-08	2.28E-07	9.42

ILMN_1715789	DOCK1	-0.33	7.64	-6.22	1.21E-08	2.29E-07	9.42
ILMN_1717990	CALD1	0.57	7.83	6.22	1.21E-08	2.29E-07	9.41
ILMN_3259146	BST2	0.47	7.67	6.23	1.22E-08	2.30E-07	9.41
ILMN_1728218	RBPM5	0.25	6.70	6.22	1.23E-08	2.32E-07	9.40
ILMN_1697268	EMILIN2	0.32	7.91	6.22	1.24E-08	2.33E-07	9.40
ILMN_1724700	RIOK3	-0.37	10.65	-6.22	1.25E-08	2.35E-07	9.39
ILMN_1688639	FBXL2	0.19	6.66	6.22	1.25E-08	2.36E-07	9.38
ILMN_1789913	SMPDL3B	-0.22	6.80	-6.22	1.25E-08	2.36E-07	9.38
ILMN_2111932	SERINC2	-0.48	8.48	-6.22	1.25E-08	2.36E-07	9.38
ILMN_1651354	SPP1	0.55	7.03	6.21	1.28E-08	2.40E-07	9.36
ILMN_1657864	TMUB2	-0.22	7.61	-6.21	1.28E-08	2.41E-07	9.36
ILMN_1689953	CD81	0.41	12.12	6.21	1.28E-08	2.41E-07	9.36
ILMN_2328378	OSBPL3	0.32	7.22	6.21	1.28E-08	2.41E-07	9.36
ILMN_1707727	ANGPTL4	0.68	7.39	6.21	1.30E-08	2.44E-07	9.35
ILMN_1751362	FASTKD1	-0.39	8.36	-6.21	1.30E-08	2.44E-07	9.35
ILMN_1708130	EHF	-0.63	8.92	-6.21	1.30E-08	2.44E-07	9.35
ILMN_1769259	ANO9	-0.50	7.87	-6.20	1.32E-08	2.48E-07	9.33
ILMN_1772981	EPN1	-0.31	10.89	-6.20	1.32E-08	2.48E-07	9.33
ILMN_2390853	CTSH	0.72	9.58	6.20	1.33E-08	2.50E-07	9.32
ILMN_1787897	CXCL1	0.96	7.73	6.20	1.34E-08	2.50E-07	9.32
ILMN_1767523	IL17RB	-0.50	7.88	-6.20	1.34E-08	2.51E-07	9.31
ILMN_1734198	RNGTT	0.32	8.41	6.20	1.35E-08	2.52E-07	9.31
ILMN_2054297	PTGS2	1.10	7.99	6.20	1.35E-08	2.52E-07	9.31
ILMN_3193306	TMEM251	-0.28	8.75	-6.20	1.36E-08	2.55E-07	9.30
ILMN_1713301	DGCR2	-0.30	7.94	-6.20	1.37E-08	2.56E-07	9.29
ILMN_1700310	NA	-0.62	8.55	-6.19	1.38E-08	2.57E-07	9.29
ILMN_2368530	IL32	-0.53	8.86	-6.19	1.39E-08	2.58E-07	9.28
ILMN_1705064	NDEL1	0.32	9.97	6.19	1.39E-08	2.58E-07	9.28
ILMN_1813400	CBR4	-0.28	7.98	-6.19	1.39E-08	2.60E-07	9.28
ILMN_2116877	OLFM4	1.57	11.84	6.20	1.40E-08	2.61E-07	9.28
ILMN_1797367	TSC1	-0.24	7.54	-6.19	1.40E-08	2.61E-07	9.27
ILMN_1802105	STYK1	-0.29	7.09	-6.19	1.41E-08	2.62E-07	9.27
ILMN_2152131	ACTB	0.30	13.39	6.19	1.41E-08	2.62E-07	9.27
ILMN_1715760	LGALS9	-0.25	7.04	-6.19	1.41E-08	2.62E-07	9.27
ILMN_2352295	PRDM10	-0.22	7.09	-6.19	1.42E-08	2.63E-07	9.26
ILMN_1768101	HOXB6	-0.23	6.91	-6.19	1.42E-08	2.64E-07	9.26
ILMN_2232430	NMD3	0.30	8.23	6.19	1.42E-08	2.64E-07	9.26
ILMN_1681780	MKX	0.27	6.62	6.19	1.42E-08	2.64E-07	9.26
ILMN_1669617	GRB10	0.28	7.28	6.19	1.43E-08	2.65E-07	9.25
ILMN_1696276	ZNF653	-0.18	7.24	-6.18	1.44E-08	2.67E-07	9.25
ILMN_1655930	ELL2	0.48	7.51	6.18	1.44E-08	2.67E-07	9.24
ILMN_1798679	ANO9	-0.46	7.44	-6.18	1.45E-08	2.68E-07	9.24
ILMN_1678454	CASP4	0.47	8.55	6.19	1.46E-08	2.69E-07	9.24
ILMN_1704290	SPTLC2	-0.23	7.29	-6.18	1.46E-08	2.69E-07	9.24
ILMN_1743367	FZD4	0.29	7.54	6.18	1.46E-08	2.69E-07	9.24
ILMN_1798256	UPP1	0.53	8.86	6.18	1.47E-08	2.72E-07	9.22
ILMN_2107068	HOXA2	-0.27	6.87	-6.18	1.48E-08	2.72E-07	9.23
ILMN_1693293	NA	-0.42	7.65	-6.18	1.48E-08	2.73E-07	9.22

ILMN_2110167	POLR1E	0.35	7.90	6.18	1.48E-08	2.73E-07	9.22
ILMN_1809850	RCN3	-0.34	7.24	-6.19	1.49E-08	2.75E-07	9.22
ILMN_3237946	PXDN	0.51	9.60	6.18	1.50E-08	2.75E-07	9.21
ILMN_1673363	ADGRE5	0.37	10.25	6.18	1.50E-08	2.75E-07	9.21
ILMN_2049766	NFE2L3	0.47	8.07	6.18	1.50E-08	2.76E-07	9.21
ILMN_1680353	NSF	-0.19	10.28	-6.17	1.51E-08	2.77E-07	9.20
ILMN_1783497	PANK1	-0.37	7.12	-6.17	1.54E-08	2.84E-07	9.18
ILMN_1658926	NOTCH3	0.37	7.22	6.17	1.55E-08	2.85E-07	9.17
ILMN_1737394	LMNA	0.56	8.55	6.17	1.56E-08	2.86E-07	9.17
ILMN_1693452	GAL3ST4	-0.42	7.45	-6.17	1.56E-08	2.87E-07	9.17
ILMN_1738971	USP54	-0.24	6.89	-6.17	1.57E-08	2.88E-07	9.16
ILMN_1703412	LATS2	0.21	6.63	6.17	1.57E-08	2.88E-07	9.17
ILMN_1792951	ZHX2	0.29	7.13	6.16	1.57E-08	2.88E-07	9.16
ILMN_2142979	PTBP2	0.31	7.59	6.16	1.59E-08	2.91E-07	9.15
ILMN_1723969	PLCB1	0.32	6.87	6.16	1.62E-08	2.96E-07	9.13
ILMN_1745699	METTL2A	-0.21	6.85	-6.16	1.64E-08	3.01E-07	9.12
ILMN_1731529	MS4A12	-1.69	10.16	-6.15	1.65E-08	3.02E-07	9.11
ILMN_1720241	TRIP12	0.31	8.91	6.16	1.67E-08	3.05E-07	9.11
ILMN_2187727	NOC3L	0.36	7.83	6.16	1.68E-08	3.06E-07	9.10
ILMN_2062701	GAS1	0.25	6.67	6.15	1.68E-08	3.06E-07	9.10
ILMN_1681886	ADAMTS5	0.25	6.53	6.15	1.69E-08	3.09E-07	9.09
ILMN_1793615	ME3	-0.36	7.50	-6.15	1.70E-08	3.10E-07	9.08
ILMN_1740620	NA	-0.17	6.89	-6.15	1.72E-08	3.13E-07	9.08
ILMN_1651347	SERTAD2	0.34	9.26	6.15	1.72E-08	3.13E-07	9.07
ILMN_1752668	DAAM2	0.33	7.04	6.14	1.73E-08	3.15E-07	9.07
ILMN_1669966	NDUFS7	-0.31	9.42	-6.14	1.74E-08	3.16E-07	9.06
ILMN_1714602	CD86	0.55	7.53	6.14	1.75E-08	3.17E-07	9.06
ILMN_1695959	EVA1C	0.24	7.18	6.14	1.75E-08	3.18E-07	9.06
ILMN_1727532	OLFML3	0.34	7.33	6.14	1.76E-08	3.19E-07	9.05
ILMN_1781001	SOCS3	0.58	6.95	6.14	1.76E-08	3.19E-07	9.05
ILMN_2211122	TRAPPC2B	0.22	6.81	6.14	1.77E-08	3.21E-07	9.05
ILMN_1672006	SSB	0.27	9.00	6.14	1.77E-08	3.21E-07	9.04
ILMN_2086077	JUNB	0.51	7.41	6.14	1.78E-08	3.23E-07	9.04
ILMN_1802441	REG1A	1.85	7.90	6.14	1.78E-08	3.23E-07	9.04
ILMN_2396991	HCST	0.27	6.68	6.14	1.79E-08	3.24E-07	9.04
ILMN_2377496	ERCC1	0.25	7.89	6.14	1.79E-08	3.24E-07	9.03
ILMN_1701621	SCO2	-0.33	8.44	-6.14	1.80E-08	3.26E-07	9.03
ILMN_1692861	UGT2A3	-0.98	8.00	-6.13	1.81E-08	3.28E-07	9.02
ILMN_1816342	MTRNR2L1	-0.76	9.34	-6.13	1.82E-08	3.28E-07	9.02
ILMN_1800008	ACAT1	-0.62	10.06	-6.13	1.84E-08	3.32E-07	9.01
ILMN_1781752	CLEC16A	-0.23	8.53	-6.13	1.88E-08	3.39E-07	8.99
ILMN_1821473	NA	-0.24	6.78	-6.12	1.90E-08	3.42E-07	8.98
ILMN_1775587	STX19	-0.58	9.45	-6.12	1.90E-08	3.42E-07	8.98
ILMN_1808487	PLA2G12B	-0.39	6.98	-6.12	1.90E-08	3.43E-07	8.98
ILMN_1708025	RBPMS	0.39	6.91	6.13	1.91E-08	3.43E-07	8.98
ILMN_2081087	HSPA12A	0.46	7.54	6.13	1.91E-08	3.44E-07	8.98
ILMN_2330787	FRMD6	0.36	7.17	6.12	1.92E-08	3.45E-07	8.97
ILMN_1730201	DTNA	0.30	6.77	6.12	1.92E-08	3.46E-07	8.97

ILMN_1718712	FAM217B	-0.30	7.56	-6.12	1.93E-08	3.46E-07	8.96
ILMN_2411915	ATG4B	-0.33	7.73	-6.12	1.93E-08	3.46E-07	8.96
ILMN_1660277	NA	-0.36	7.55	-6.12	1.94E-08	3.47E-07	8.96
ILMN_1674402	TMEM71	0.31	6.86	6.12	1.94E-08	3.48E-07	8.96
ILMN_1721762	IL18RAP	0.42	7.14	6.12	1.94E-08	3.48E-07	8.96
ILMN_1785618	SMTN	0.45	7.67	6.12	1.95E-08	3.50E-07	8.95
ILMN_1699545	PCSK7	-0.34	9.03	-6.12	1.96E-08	3.51E-07	8.95
ILMN_1661264	SHMT2	0.35	9.09	6.12	1.97E-08	3.53E-07	8.94
ILMN_1730491	FMNL2	0.27	7.29	6.11	1.99E-08	3.56E-07	8.93
ILMN_1684306	S100A4	0.75	9.81	6.11	2.00E-08	3.57E-07	8.93
ILMN_1681591	PTPN1	0.45	9.20	6.11	2.00E-08	3.58E-07	8.93
ILMN_1852022	PLIN4	0.39	6.79	6.12	2.01E-08	3.58E-07	8.93
ILMN_3249501	ZNF697	0.16	6.62	6.11	2.01E-08	3.60E-07	8.92
ILMN_1778104	ACADM	-0.46	9.01	-6.11	2.03E-08	3.63E-07	8.91
ILMN_1673788	CDV3	0.38	9.13	6.11	2.06E-08	3.67E-07	8.90
ILMN_3259176	NA	-0.31	7.06	-6.11	2.06E-08	3.68E-07	8.90
ILMN_1657892	TLR8	0.33	6.83	6.10	2.08E-08	3.70E-07	8.89
ILMN_1701603	ALPL	0.52	7.16	6.10	2.07E-08	3.70E-07	8.89
ILMN_1755352	TUB	0.19	6.57	6.10	2.08E-08	3.70E-07	8.89
ILMN_2404688	NUPR1	-0.67	8.17	-6.10	2.10E-08	3.74E-07	8.88
ILMN_1713249	PHF19	0.26	7.33	6.10	2.13E-08	3.78E-07	8.87
ILMN_3240901	ZBTB7C	-0.43	7.51	-6.10	2.13E-08	3.78E-07	8.87
ILMN_1751615	COQ10B	0.27	9.45	6.10	2.14E-08	3.79E-07	8.86
ILMN_2387799	PDPK1	-0.23	8.97	-6.10	2.16E-08	3.84E-07	8.86
ILMN_1803033	MGST1	-0.21	6.89	-6.10	2.17E-08	3.84E-07	8.86
ILMN_1796417	ASNS	0.33	8.46	6.09	2.18E-08	3.87E-07	8.84
ILMN_1761113	GNL2	0.25	9.44	6.09	2.19E-08	3.88E-07	8.84
ILMN_3232894	CNRIP1	0.44	8.14	6.09	2.20E-08	3.90E-07	8.83
ILMN_1736965	SIGIRR	-0.21	7.01	-6.09	2.21E-08	3.92E-07	8.83
ILMN_2368971	PSMD12	0.31	8.25	6.09	2.22E-08	3.93E-07	8.83
ILMN_1803686	ADA	0.42	7.07	6.09	2.23E-08	3.94E-07	8.82
ILMN_2312719	EXOSC9	0.24	7.49	6.09	2.23E-08	3.95E-07	8.83
ILMN_2357134	SPHK1	0.35	6.55	6.09	2.24E-08	3.96E-07	8.82
ILMN_1760087	SLC26A3	-0.73	12.89	-6.09	2.25E-08	3.97E-07	8.81
ILMN_1768812	FXYP6	0.32	6.91	6.09	2.25E-08	3.98E-07	8.81
ILMN_2353697	HINFP	-0.22	6.97	-6.08	2.28E-08	4.03E-07	8.80
ILMN_1703228	AGFG2	-0.26	6.94	-6.09	2.29E-08	4.04E-07	8.80
ILMN_1704376	GLDN	-1.12	7.96	-6.08	2.35E-08	4.14E-07	8.77
ILMN_2342903	GIPC1	-0.27	6.95	-6.08	2.35E-08	4.14E-07	8.77
ILMN_1784447	PLCE1	-0.47	8.36	-6.08	2.35E-08	4.15E-07	8.77
ILMN_1716237	ACOT2	-0.23	6.92	-6.08	2.36E-08	4.16E-07	8.76
ILMN_2338963	SLC29A1	0.19	6.74	6.08	2.36E-08	4.16E-07	8.77
ILMN_1793017	DGKQ	-0.44	9.07	-6.07	2.37E-08	4.17E-07	8.76
ILMN_1901419	RNU11	0.55	6.81	6.07	2.38E-08	4.18E-07	8.76
ILMN_1681135	SPATA2	-0.26	7.20	-6.07	2.39E-08	4.19E-07	8.76
ILMN_2235851	NEURL3	-0.26	6.69	-6.07	2.39E-08	4.19E-07	8.76
ILMN_1803423	ARHGEF6	0.58	8.66	6.07	2.41E-08	4.23E-07	8.75
ILMN_1774261	DOK4	-0.45	8.38	-6.07	2.43E-08	4.25E-07	8.74

ILMN_1807277	IFI30	0.53	7.60	6.07	2.43E-08	4.25E-07	8.74
ILMN_1734744	CDH19	0.31	6.74	6.07	2.43E-08	4.26E-07	8.74
ILMN_1731596	NA	-0.26	7.04	-6.07	2.44E-08	4.27E-07	8.73
ILMN_1739450	NFE2L1	-0.32	8.66	-6.07	2.45E-08	4.29E-07	8.73
ILMN_1764794	PSMB2	0.26	9.10	6.07	2.46E-08	4.30E-07	8.73
ILMN_1689431	APCDD1L	0.26	6.66	6.07	2.47E-08	4.32E-07	8.72
ILMN_1803147	NA	-0.20	6.89	-6.07	2.47E-08	4.32E-07	8.72
ILMN_2114568	GBP5	0.47	6.95	6.06	2.49E-08	4.36E-07	8.71
ILMN_1807767	GSE1	-0.30	8.42	-6.06	2.50E-08	4.37E-07	8.71
ILMN_1667114	RPSAP58	-0.28	6.78	-6.06	2.50E-08	4.37E-07	8.71
ILMN_1726603	ATP5I	-0.26	12.02	-6.06	2.51E-08	4.38E-07	8.71
ILMN_1718132	ECHS1	-0.54	9.93	-6.07	2.54E-08	4.42E-07	8.70
ILMN_1709265	RNF170	-0.32	7.32	-6.06	2.54E-08	4.43E-07	8.69
ILMN_1689868	TMEM80	-0.28	7.23	-6.06	2.55E-08	4.43E-07	8.69
ILMN_2041236	RAP1GAP2	-0.37	8.09	-6.06	2.55E-08	4.43E-07	8.69
ILMN_1782257	METT17	-0.29	8.38	-6.05	2.60E-08	4.53E-07	8.67
ILMN_1672605	MTURN	0.45	8.46	6.06	2.62E-08	4.56E-07	8.67
ILMN_2168217	GPR183	0.69	7.42	6.05	2.62E-08	4.56E-07	8.66
ILMN_1761072	AIDA	0.23	7.14	6.05	2.64E-08	4.58E-07	8.66
ILMN_1803941	TBC1D15	0.28	8.17	6.05	2.65E-08	4.59E-07	8.66
ILMN_1764043	TTL	0.36	7.99	6.05	2.65E-08	4.60E-07	8.65
ILMN_1723971	SLC29A1	0.29	7.03	6.05	2.66E-08	4.62E-07	8.65
ILMN_1698487	SDHD	-0.33	9.74	-6.05	2.67E-08	4.63E-07	8.65
ILMN_1658289	WDR54	0.36	7.80	6.05	2.68E-08	4.64E-07	8.64
ILMN_1790603	ATPAF1	-0.39	8.61	-6.05	2.70E-08	4.68E-07	8.64
ILMN_1797191	KIAA0040	0.22	6.77	6.04	2.72E-08	4.71E-07	8.63
ILMN_1908274	NA	-0.21	7.02	-6.04	2.72E-08	4.71E-07	8.63
ILMN_1660462	MCOLN2	-1.04	9.42	-6.04	2.73E-08	4.71E-07	8.63
ILMN_2376263	SMARCA1	0.37	7.23	6.04	2.73E-08	4.71E-07	8.63
ILMN_1761808	MCFD2	0.34	7.80	6.04	2.73E-08	4.72E-07	8.62
ILMN_1880012	SEMA5A	-0.35	7.41	-6.04	2.74E-08	4.73E-07	8.62
ILMN_1772929	ATP5J	-0.26	11.61	-6.04	2.76E-08	4.76E-07	8.61
ILMN_1691570	METT15	0.26	8.75	6.04	2.77E-08	4.78E-07	8.61
ILMN_1810334	COMMD7	-0.25	9.68	-6.05	2.77E-08	4.78E-07	8.62
ILMN_1806502	ZNF165	0.27	7.35	6.04	2.78E-08	4.78E-07	8.61
ILMN_2315979	LBH	0.45	7.84	6.04	2.78E-08	4.78E-07	8.61
ILMN_2389876	TGFB111	0.37	7.65	6.04	2.78E-08	4.78E-07	8.61
ILMN_2391912	SEC14L1	0.21	6.74	6.04	2.79E-08	4.80E-07	8.60
ILMN_1816582	NA	-0.28	6.83	-6.04	2.80E-08	4.81E-07	8.61
ILMN_1737396	PSMD14	0.31	8.92	6.04	2.81E-08	4.82E-07	8.60
ILMN_1864900	MIAT	0.45	6.91	6.04	2.83E-08	4.86E-07	8.59
ILMN_2307455	UBE2A	-0.33	9.59	-6.04	2.84E-08	4.87E-07	8.59
ILMN_1750722	RPS7	0.27	7.73	6.03	2.85E-08	4.89E-07	8.58
ILMN_2404135	RIOK3	-0.37	9.62	-6.04	2.90E-08	4.97E-07	8.57
ILMN_1897310	LETM1	-0.55	8.93	-6.03	2.94E-08	5.04E-07	8.55
ILMN_1685176	SGMS2	0.24	6.74	6.03	2.95E-08	5.05E-07	8.55
ILMN_1709590	PGM5	0.72	8.33	6.03	2.96E-08	5.07E-07	8.55
ILMN_1807439	ALDH1A3	0.46	7.61	6.02	2.99E-08	5.12E-07	8.54

ILMN_1762531	FGF9	-0.41	7.22	-6.02	3.00E-08	5.14E-07	8.53
ILMN_1684873	ARSD	-0.65	8.95	-6.02	3.06E-08	5.24E-07	8.51
ILMN_1799598	SIRT5	-0.19	6.93	-6.02	3.07E-08	5.24E-07	8.51
ILMN_1740875	FPR2	0.29	6.50	6.02	3.10E-08	5.30E-07	8.50
ILMN_1679600	ACOT8	-0.26	6.95	-6.01	3.11E-08	5.31E-07	8.50
ILMN_2094396	LRRC8C	0.19	6.51	6.01	3.12E-08	5.33E-07	8.49
ILMN_1722309	ENDOG	-0.26	7.17	-6.01	3.14E-08	5.36E-07	8.49
ILMN_1740772	APBB3	-0.33	8.74	-6.01	3.16E-08	5.40E-07	8.48
ILMN_1782743	LETMD1	-0.27	8.30	-6.01	3.17E-08	5.41E-07	8.48
ILMN_3240365	MNX1	-0.36	7.28	-6.01	3.18E-08	5.41E-07	8.48
ILMN_1796210	PPRC1	0.39	8.05	6.01	3.19E-08	5.43E-07	8.47
ILMN_1683562	SNRPG	0.28	11.36	6.01	3.22E-08	5.48E-07	8.46
ILMN_2077094	VPS51	-0.30	9.39	-6.01	3.22E-08	5.48E-07	8.46
ILMN_1722286	ABCA5	-0.20	6.63	-6.01	3.24E-08	5.51E-07	8.46
ILMN_1797875	ALOX5AP	0.78	9.19	6.00	3.34E-08	5.68E-07	8.43
ILMN_1660629	NBEAL2	0.35	7.58	6.00	3.35E-08	5.68E-07	8.43
ILMN_1760849	NETO2	-0.64	7.25	-6.00	3.35E-08	5.68E-07	8.43
ILMN_3305849	LINC01137	-0.26	7.32	-6.00	3.38E-08	5.74E-07	8.42
ILMN_2219683	NEU4	-0.83	7.92	-6.00	3.39E-08	5.75E-07	8.42
ILMN_1664294	P3H1	0.21	6.94	5.99	3.42E-08	5.80E-07	8.41
ILMN_1700380	ATP6V0A2	-0.25	7.85	-5.99	3.43E-08	5.81E-07	8.41
ILMN_1721035	MS4A6A	0.84	9.11	5.99	3.44E-08	5.82E-07	8.40
ILMN_1806825	CEP128	0.25	6.73	5.99	3.44E-08	5.82E-07	8.40
ILMN_2276811	METTL17	-0.29	7.42	-5.99	3.46E-08	5.85E-07	8.40
ILMN_1663640	MAOA	-0.59	11.48	-5.99	3.47E-08	5.87E-07	8.39
ILMN_2148469	RASL11B	0.22	6.68	5.99	3.49E-08	5.90E-07	8.39
ILMN_1675669	IBTK	0.36	8.61	5.99	3.50E-08	5.91E-07	8.38
ILMN_1729142	CENPV	-0.49	8.51	-5.99	3.50E-08	5.92E-07	8.38
ILMN_2202940	CHPT1	-0.46	9.04	-5.99	3.51E-08	5.92E-07	8.38
ILMN_1759419	ILVBL	-0.38	8.42	-5.99	3.52E-08	5.93E-07	8.38
ILMN_2246661	FAHD1	-0.51	9.76	-5.99	3.55E-08	5.99E-07	8.37
ILMN_1772798	ARPP19	0.21	7.53	5.99	3.55E-08	5.99E-07	8.37
ILMN_1802257	PCTP	-0.25	7.44	-5.98	3.56E-08	6.00E-07	8.37
ILMN_1880983	NA	0.24	6.88	5.98	3.59E-08	6.03E-07	8.36
ILMN_2164081	KLHL12	-0.28	8.82	-5.98	3.59E-08	6.03E-07	8.36
ILMN_1846249	NA	-0.29	6.90	-5.98	3.61E-08	6.06E-07	8.36
ILMN_1737298	MAT2A	0.34	10.99	5.98	3.63E-08	6.10E-07	8.35
ILMN_1656310	IDO1	0.49	6.84	5.98	3.65E-08	6.13E-07	8.34
ILMN_1677511	PTGS2	0.90	7.27	5.98	3.69E-08	6.19E-07	8.34
ILMN_1805448	EPB41L2	0.39	8.32	5.98	3.69E-08	6.19E-07	8.33
ILMN_1715273	PICALM	0.33	9.80	5.98	3.70E-08	6.20E-07	8.33
ILMN_1679495	ULK3	-0.23	6.92	-5.98	3.71E-08	6.22E-07	8.33
ILMN_1687035	ADAMTSL4	0.18	6.72	5.97	3.72E-08	6.24E-07	8.32
ILMN_1803312	DIMT1	0.28	9.20	5.97	3.75E-08	6.28E-07	8.32
ILMN_1701457	FAHD1	-0.44	7.67	-5.97	3.75E-08	6.28E-07	8.32
ILMN_1909886	NA	-0.48	8.07	-5.97	3.75E-08	6.28E-07	8.32
ILMN_2209238	MFSD4A	-0.41	6.97	-5.98	3.75E-08	6.28E-07	8.32
ILMN_2344373	MVP	-0.40	8.29	-5.97	3.77E-08	6.31E-07	8.31

ILMN_1778977	TYROBP	1.00	9.03	5.97	3.79E-08	6.34E-07	8.31
ILMN_1811278	RNF186	-0.53	7.95	-5.97	3.82E-08	6.38E-07	8.30
ILMN_1718071	AGTPBP1	0.24	7.56	5.97	3.84E-08	6.40E-07	8.30
ILMN_1722662	RAD23B	0.29	7.85	5.97	3.83E-08	6.40E-07	8.30
ILMN_3262348	IP6K2	-0.30	7.15	-5.97	3.85E-08	6.42E-07	8.29
ILMN_1720270	CDR2	0.31	8.52	5.97	3.86E-08	6.43E-07	8.29
ILMN_2403994	RALY	-0.33	8.38	-5.97	3.88E-08	6.47E-07	8.28
ILMN_1711069	YPEL5	0.26	9.56	5.96	3.92E-08	6.53E-07	8.27
ILMN_2317581	SHANK3	0.43	7.69	5.96	3.99E-08	6.65E-07	8.26
ILMN_1682599	GPRC5A	0.60	7.51	5.96	4.04E-08	6.72E-07	8.25
ILMN_1726839	DCUN1D5	0.37	8.14	5.95	4.07E-08	6.78E-07	8.24
ILMN_2337923	TPD52L1	0.36	7.06	5.96	4.11E-08	6.83E-07	8.23
ILMN_2365528	HAUS8	-0.17	6.89	-5.95	4.11E-08	6.83E-07	8.23
ILMN_1740938	APOE	0.78	8.97	5.95	4.11E-08	6.83E-07	8.23
ILMN_2342579	IL7R	0.66	7.93	5.95	4.16E-08	6.90E-07	8.22
ILMN_2192032	SRP19	0.28	8.70	5.95	4.16E-08	6.91E-07	8.22
ILMN_1677038	CPED1	0.48	8.48	5.95	4.17E-08	6.92E-07	8.21
ILMN_1737588	C21orf33	-0.40	9.90	-5.95	4.18E-08	6.93E-07	8.21
ILMN_1799836	HOXA2	-0.27	6.83	-5.95	4.19E-08	6.94E-07	8.21
ILMN_1806386	NXPE4	-1.07	10.26	-5.95	4.20E-08	6.95E-07	8.21
ILMN_1700432	ITPKB	0.28	7.08	5.95	4.21E-08	6.97E-07	8.20
ILMN_2109994	NA	-0.25	7.23	-5.95	4.21E-08	6.97E-07	8.21
ILMN_1656869	NA	-0.20	6.99	-5.95	4.22E-08	6.97E-07	8.20
ILMN_1716265	PGM2L1	0.25	7.26	5.95	4.24E-08	7.01E-07	8.20
ILMN_1670172	WDR33	0.33	8.91	5.94	4.27E-08	7.06E-07	8.19
ILMN_2073604	EBP	-0.47	8.31	-5.94	4.28E-08	7.06E-07	8.19
ILMN_2083334	NA	-0.30	7.84	-5.94	4.28E-08	7.06E-07	8.19
ILMN_1730977	SLC44A4	-0.51	10.03	-5.94	4.30E-08	7.10E-07	8.18
ILMN_1693136	VTI1B	-0.22	7.79	-5.94	4.34E-08	7.16E-07	8.18
ILMN_1813117	ITGA9	0.27	6.98	5.94	4.36E-08	7.19E-07	8.17
ILMN_2129572	F3	0.57	8.31	5.94	4.38E-08	7.22E-07	8.17
ILMN_2321416	DIAPH1	0.39	8.77	5.94	4.42E-08	7.28E-07	8.16
ILMN_1674038	CTSD	-0.37	8.89	-5.94	4.44E-08	7.31E-07	8.15
ILMN_1764788	TNFRSF1B	0.49	8.83	5.94	4.45E-08	7.31E-07	8.15
ILMN_1680130	DYM	0.20	8.08	5.93	4.47E-08	7.35E-07	8.15
ILMN_1789338	SORBS3	-0.37	7.75	-5.93	4.47E-08	7.35E-07	8.15
ILMN_1770084	TACC1	0.30	10.74	5.93	4.49E-08	7.37E-07	8.14
ILMN_3298423	TOX2	0.32	7.13	5.94	4.49E-08	7.37E-07	8.15
ILMN_1741711	DOPEY2	-0.32	7.69	-5.93	4.50E-08	7.38E-07	8.14
ILMN_2214355	RAB30	0.32	6.83	5.93	4.51E-08	7.39E-07	8.14
ILMN_1777971	RNF126P1	0.60	6.83	5.93	4.51E-08	7.39E-07	8.14
ILMN_1683969	FKBP1A	-0.34	8.58	-5.93	4.51E-08	7.40E-07	8.14
ILMN_1730794	SERTAD4	-0.27	7.03	-5.93	4.53E-08	7.41E-07	8.14
ILMN_2278984	NXPE4	-0.83	8.86	-5.93	4.55E-08	7.44E-07	8.13
ILMN_2297765	KCNMA1	0.46	8.69	5.93	4.57E-08	7.47E-07	8.13
ILMN_1805519	CD24	-0.70	9.16	-5.93	4.57E-08	7.48E-07	8.12
ILMN_1781819	PAPSS1	0.32	8.52	5.93	4.59E-08	7.51E-07	8.12
ILMN_1707634	CMC1	-0.26	7.69	-5.93	4.62E-08	7.54E-07	8.12

ILMN_2212590	TMEM170A	-0.26	7.41	-5.93	4.62E-08	7.54E-07	8.12
ILMN_1746864	CYTIP	0.61	7.68	5.93	4.64E-08	7.57E-07	8.12
ILMN_1688722	IL13RA2	0.52	6.73	5.92	4.66E-08	7.60E-07	8.11
ILMN_2335669	ZC3H14	-0.26	7.90	-5.92	4.67E-08	7.61E-07	8.11
ILMN_2332105	WRNIP1	-0.18	9.43	-5.92	4.68E-08	7.62E-07	8.10
ILMN_1661078	PHGR1	-0.61	13.09	-5.92	4.70E-08	7.66E-07	8.10
ILMN_2359601	CAMK2G	-0.24	7.07	-5.92	4.73E-08	7.70E-07	8.09
ILMN_1791447	CXCL12	0.62	8.91	5.92	4.74E-08	7.72E-07	8.09
ILMN_1809467	VAMP5	0.34	8.22	5.92	4.75E-08	7.73E-07	8.09
ILMN_1763491	CKMT1B	-0.50	8.81	-5.92	4.76E-08	7.73E-07	8.09
ILMN_1781388	PGM5	0.77	8.45	5.93	4.76E-08	7.73E-07	8.09
ILMN_1796235	UTP4	0.34	8.58	5.92	4.77E-08	7.74E-07	8.08
ILMN_1653115	ECH1	-0.46	10.27	-5.93	4.80E-08	7.80E-07	8.09
ILMN_1795257	GPT	-0.59	8.29	-5.92	4.81E-08	7.81E-07	8.08
ILMN_1690282	CRADD	-0.19	7.66	-5.92	4.82E-08	7.82E-07	8.07
ILMN_1782560	CD86	0.41	7.03	5.92	4.85E-08	7.87E-07	8.07
ILMN_1792972	ZNF439	-0.29	7.33	-5.91	4.87E-08	7.89E-07	8.06
ILMN_1814917	TLE2	-0.38	7.29	-5.91	4.92E-08	7.96E-07	8.05
ILMN_2143566	SLC39A6	0.21	6.68	5.91	4.94E-08	8.00E-07	8.05
ILMN_1685077	SNX7	-0.24	7.47	-5.91	4.95E-08	8.02E-07	8.05
ILMN_1727150	DHRS9	-0.25	6.81	-5.91	4.98E-08	8.06E-07	8.04
ILMN_2240221	SYTL2	-0.36	7.49	-5.91	4.98E-08	8.06E-07	8.04
ILMN_2329679	TPST2	0.47	8.24	5.91	4.99E-08	8.07E-07	8.04
ILMN_1800958	TMEM237	0.26	7.27	5.91	5.01E-08	8.09E-07	8.04
ILMN_2397602	ERBB3	-0.20	6.74	-5.91	5.06E-08	8.17E-07	8.03
ILMN_2071682	FAM196A	-0.23	7.00	-5.91	5.08E-08	8.19E-07	8.02
ILMN_3249949	C11orf58	0.26	8.05	5.91	5.08E-08	8.20E-07	8.02
ILMN_3248649	MYO15B	-0.64	9.12	-5.90	5.09E-08	8.22E-07	8.02
ILMN_1710427	VPS37B	-0.34	8.60	-5.90	5.12E-08	8.26E-07	8.01
ILMN_2311537	HMGA1	0.40	8.67	5.90	5.18E-08	8.34E-07	8.00
ILMN_1697820	HINT2	-0.34	8.47	-5.90	5.22E-08	8.40E-07	8.00
ILMN_3243890	NDUFA2	-0.31	10.50	-5.90	5.26E-08	8.46E-07	7.99
ILMN_1712088	CLYBL	-0.40	8.06	-5.90	5.26E-08	8.47E-07	7.99
ILMN_1710740	C2	0.36	7.04	5.90	5.30E-08	8.52E-07	7.98
ILMN_1896012	NA	0.23	6.54	5.90	5.30E-08	8.52E-07	7.98
ILMN_1779670	A1CF	-0.23	6.67	-5.89	5.35E-08	8.59E-07	7.97
ILMN_1721989	ATP5F1	-0.27	11.45	-5.89	5.36E-08	8.61E-07	7.97
ILMN_2219466	APOBEC3B	-0.38	6.84	-5.89	5.40E-08	8.67E-07	7.96
ILMN_1795906	PCBD1	-0.35	8.17	-5.89	5.43E-08	8.71E-07	7.96
ILMN_1811327	MRPL27	-0.51	8.48	-5.89	5.43E-08	8.71E-07	7.96
ILMN_2380999	RECQL	0.32	7.73	5.89	5.45E-08	8.73E-07	7.96
ILMN_1680948	LMOD1	0.28	6.66	5.89	5.46E-08	8.74E-07	7.95
ILMN_1652806	ATP5J	-0.29	9.41	-5.89	5.53E-08	8.85E-07	7.94
ILMN_1789436	DENND1B	-0.33	9.12	-5.89	5.55E-08	8.89E-07	7.94
ILMN_1805636	PGAP3	-0.53	8.62	-5.89	5.61E-08	8.98E-07	7.93
ILMN_2102693	NUFIP2	0.27	8.13	5.88	5.62E-08	8.99E-07	7.92
ILMN_1769926	DBN1	0.27	7.26	5.88	5.65E-08	9.03E-07	7.92
ILMN_2231911	AUH	-0.28	7.49	-5.88	5.66E-08	9.05E-07	7.92

ILMN_1789457	GNL1	0.21	7.59	5.88	5.69E-08	9.09E-07	7.91
ILMN_1664833	MRPL50	0.30	8.54	5.88	5.71E-08	9.10E-07	7.91
ILMN_1694268	HES6	-0.51	8.60	-5.88	5.70E-08	9.10E-07	7.91
ILMN_1745223	CDC42EP4	-0.27	9.96	-5.88	5.73E-08	9.13E-07	7.91
ILMN_1670079	OMA1	-0.27	8.01	-5.88	5.73E-08	9.14E-07	7.91
ILMN_1729514	CMTM4	-0.18	6.64	-5.88	5.75E-08	9.15E-07	7.90
ILMN_1734184	PLBD2	0.21	6.84	5.88	5.80E-08	9.24E-07	7.89
ILMN_1803745	SUOX	-0.36	8.35	-5.88	5.81E-08	9.25E-07	7.89
ILMN_2329429	GIMAP6	0.34	7.32	5.87	5.85E-08	9.30E-07	7.89
ILMN_1808157	RUNDC3B	-0.44	7.39	-5.87	5.90E-08	9.39E-07	7.88
ILMN_1798971	FZD5	-0.37	7.36	-5.87	5.91E-08	9.39E-07	7.88
ILMN_1780533	RNASE6	0.41	7.24	5.87	5.92E-08	9.41E-07	7.87
ILMN_1651282	COL17A1	-0.73	10.48	-5.87	5.93E-08	9.42E-07	7.87
ILMN_1700915	NA	0.33	9.09	5.87	5.94E-08	9.43E-07	7.87
ILMN_1714461	RNF14	-0.29	9.14	-5.87	5.97E-08	9.46E-07	7.87
ILMN_1781745	C9orf152	-0.56	10.35	-5.87	5.97E-08	9.47E-07	7.87
ILMN_1689189	ZBTB3	-0.22	6.98	-5.87	5.98E-08	9.49E-07	7.87
ILMN_1758164	STC1	0.95	7.13	5.87	6.02E-08	9.53E-07	7.86
ILMN_2363658	PXDN	0.46	8.03	5.87	6.02E-08	9.53E-07	7.86
ILMN_2389506	HSD11B1	0.17	6.41	5.87	6.02E-08	9.53E-07	7.86
ILMN_1803838	CNFN	-0.24	7.00	-5.87	6.04E-08	9.56E-07	7.85
ILMN_1685441	ASAP3	-0.40	8.35	-5.86	6.10E-08	9.64E-07	7.85
ILMN_2347193	GSDMB	-0.52	9.03	-5.86	6.12E-08	9.67E-07	7.84
ILMN_1748970	PRR15L	-0.66	10.25	-5.86	6.17E-08	9.75E-07	7.84
ILMN_1747451	PLCXD1	0.60	8.00	5.86	6.20E-08	9.79E-07	7.83
ILMN_1689817	LCOR	-0.31	8.74	-5.86	6.23E-08	9.84E-07	7.82
ILMN_1691376	JAG1	0.27	8.55	5.86	6.24E-08	9.84E-07	7.82
ILMN_1652333	FN3KRP	-0.43	8.78	-5.86	6.31E-08	9.95E-07	7.82
ILMN_1669259	ANKRD49	-0.23	7.96	-5.86	6.31E-08	9.95E-07	7.81
ILMN_3272227	PLEKHA6	-0.19	6.66	-5.86	6.32E-08	9.96E-07	7.81
ILMN_1748283	PIM2	0.93	8.58	5.86	6.33E-08	9.98E-07	7.81
ILMN_1782459	OSBPL8	0.39	8.01	5.86	6.34E-08	9.99E-07	7.81
ILMN_1695509	PTPN12	0.29	8.17	5.86	6.36E-08	1.00E-06	7.81
ILMN_1832656	NA	-0.15	6.61	-5.85	6.36E-08	1.00E-06	7.80
ILMN_3249669	HEATR5A	-0.22	7.18	-5.85	6.42E-08	1.01E-06	7.80
ILMN_1809456	CNTFR	-0.39	6.85	-5.85	6.47E-08	1.02E-06	7.79
ILMN_1764228	DAB2	0.45	8.91	5.85	6.55E-08	1.03E-06	7.78
ILMN_1668417	WIPF1	0.54	7.49	5.85	6.65E-08	1.04E-06	7.76
ILMN_1769118	9-Sep	0.24	11.52	5.84	6.66E-08	1.05E-06	7.76
ILMN_1697267	PRKCZ	-0.38	7.50	-5.84	6.67E-08	1.05E-06	7.76
ILMN_2123743	FCER1G	0.87	8.34	5.84	6.74E-08	1.06E-06	7.75
ILMN_1724480	AXIN2	-0.54	8.66	-5.84	6.80E-08	1.07E-06	7.74
ILMN_1798360	ACKR3	0.73	8.44	5.84	6.80E-08	1.07E-06	7.74
ILMN_1731745	NINJ2	0.27	7.16	5.83	6.96E-08	1.09E-06	7.72
ILMN_2236440	GLOD5	-0.24	6.74	-5.83	6.97E-08	1.09E-06	7.72
ILMN_2396956	AKAP13	0.27	9.17	5.83	7.04E-08	1.10E-06	7.71
ILMN_1713182	C3	0.63	7.41	5.83	7.05E-08	1.10E-06	7.71
ILMN_1779558	GAS6	-0.45	9.35	-5.83	7.06E-08	1.10E-06	7.70

ILMN_1719599	SYTL4	-0.34	8.40	-5.83	7.08E-08	1.11E-06	7.70
ILMN_1702363	SULF1	0.56	7.92	5.83	7.10E-08	1.11E-06	7.70
ILMN_1755024	IKBKE	-0.21	7.01	-5.83	7.13E-08	1.11E-06	7.69
ILMN_1687711	ZNF576	-0.19	7.14	-5.83	7.17E-08	1.12E-06	7.69
ILMN_1674394	APMAP	0.26	8.11	5.83	7.19E-08	1.12E-06	7.69
ILMN_1783753	TXNDC12	-0.25	10.11	-5.82	7.30E-08	1.14E-06	7.67
ILMN_1805853	PHLDB3	-0.27	6.83	-5.82	7.35E-08	1.15E-06	7.67
ILMN_1856533	CDKL2	-0.22	6.74	-5.82	7.36E-08	1.15E-06	7.66
ILMN_1656186	SLC41A1	0.19	6.56	5.82	7.38E-08	1.15E-06	7.66
ILMN_2320330	MAL	0.21	6.71	5.82	7.40E-08	1.15E-06	7.66
ILMN_1653871	NAMPT	0.71	7.79	5.82	7.44E-08	1.16E-06	7.65
ILMN_2124187	TSC22D2	0.45	8.28	5.82	7.46E-08	1.16E-06	7.65
ILMN_1689251	ATL1	-0.23	7.08	-5.82	7.52E-08	1.17E-06	7.64
ILMN_1787691	CITED4	0.14	6.53	5.82	7.53E-08	1.17E-06	7.64
ILMN_1898723	NA	0.43	7.26	5.82	7.57E-08	1.18E-06	7.64
ILMN_1792800	LCN6	0.20	6.37	5.81	7.61E-08	1.18E-06	7.63
ILMN_1663407	SURF1	-0.24	8.00	-5.81	7.71E-08	1.20E-06	7.62
ILMN_1832425	NA	-0.24	7.19	-5.81	7.78E-08	1.21E-06	7.61
ILMN_1764036	P2RY14	0.19	6.48	5.81	7.89E-08	1.22E-06	7.60
ILMN_1814859	DDX47	0.28	9.24	5.80	7.98E-08	1.24E-06	7.59
ILMN_2370872	GRINA	0.46	7.70	5.80	7.99E-08	1.24E-06	7.58
ILMN_3200717	LOC643387	0.22	7.89	5.80	8.09E-08	1.25E-06	7.57
ILMN_2168992	FBXO30	0.19	6.83	5.80	8.12E-08	1.26E-06	7.57
ILMN_1756806	MCL1	0.52	7.82	5.80	8.16E-08	1.26E-06	7.56
ILMN_1656415	CDKN2C	0.27	6.80	5.80	8.16E-08	1.26E-06	7.56
ILMN_1807710	HINT1	-0.23	11.73	-5.80	8.16E-08	1.26E-06	7.56
ILMN_2325168	ARRB1	-0.33	7.57	-5.80	8.24E-08	1.27E-06	7.55
ILMN_1725675	ABCC6	-0.22	6.66	-5.80	8.26E-08	1.27E-06	7.55
ILMN_2404085	CLIP1	0.34	9.12	5.79	8.34E-08	1.29E-06	7.54
ILMN_2371152	KLC4	-0.17	6.55	-5.79	8.34E-08	1.29E-06	7.54
ILMN_1842850	NA	-0.39	7.22	-5.79	8.36E-08	1.29E-06	7.54
ILMN_2087646	HLX	0.30	7.10	5.79	8.36E-08	1.29E-06	7.54
ILMN_1725338	CLDN23	-0.64	10.49	-5.79	8.37E-08	1.29E-06	7.54
ILMN_2220403	GINM1	-0.26	7.31	-5.79	8.43E-08	1.30E-06	7.53
ILMN_1680860	LEMD2	-0.20	7.85	-5.79	8.51E-08	1.31E-06	7.52
ILMN_1709044	TGIF2	0.30	7.02	5.79	8.55E-08	1.32E-06	7.52
ILMN_1663664	MRPS10	0.23	9.20	5.79	8.58E-08	1.32E-06	7.51
ILMN_1784706	GABRE	0.38	7.34	5.82	8.60E-08	1.32E-06	7.55
ILMN_1669703	TNK2	0.50	8.59	5.79	8.62E-08	1.32E-06	7.51
ILMN_1751368	HNRNPD	0.30	11.14	5.78	8.72E-08	1.34E-06	7.50
ILMN_1683462	GSS	-0.29	7.99	-5.78	8.74E-08	1.34E-06	7.50
ILMN_1691339	CLEC1A	0.23	6.71	5.78	8.75E-08	1.34E-06	7.50
ILMN_1724686	CLDN1	0.59	6.93	5.78	8.79E-08	1.35E-06	7.49
ILMN_2067408	CLRN3	-0.50	10.66	-5.78	8.88E-08	1.36E-06	7.49
ILMN_3248591	LTBP2	0.37	7.17	5.78	8.97E-08	1.37E-06	7.47
ILMN_2109708	TYMP	0.67	9.83	5.78	8.98E-08	1.37E-06	7.48
ILMN_2097793	ZBTB4	0.29	9.19	5.77	9.09E-08	1.39E-06	7.46
ILMN_1688452	LCMT1	-0.27	7.61	-5.77	9.10E-08	1.39E-06	7.46

ILMN_1720430	PPDPF	-0.27	7.78	-5.77	9.12E-08	1.39E-06	7.46
ILMN_1776188	MAP1LC3A	-0.31	9.58	-5.77	9.15E-08	1.40E-06	7.45
ILMN_1750969	FAM120AOS	-0.28	8.14	-5.77	9.17E-08	1.40E-06	7.45
ILMN_1719906	HADH	-0.46	10.51	-5.77	9.23E-08	1.41E-06	7.44
ILMN_1665736	NA	0.48	8.96	5.77	9.31E-08	1.42E-06	7.44
ILMN_3307827	DNAJC4	-0.24	7.87	-5.77	9.32E-08	1.42E-06	7.43
ILMN_1783304	ATP1B3	-0.36	10.57	-5.77	9.34E-08	1.42E-06	7.43
ILMN_2229032	NME6	-0.18	7.28	-5.77	9.34E-08	1.42E-06	7.43
ILMN_1727633	NECTIN3	-0.51	8.78	-5.77	9.41E-08	1.43E-06	7.43
ILMN_1798826	MRPS25	-0.27	8.75	-5.78	9.41E-08	1.43E-06	7.44
ILMN_2323338	NR1I2	-0.46	8.03	-5.77	9.46E-08	1.44E-06	7.42
ILMN_1654915	MLLT4	-0.29	8.59	-5.76	9.50E-08	1.44E-06	7.42
ILMN_1756220	DDX18	0.26	9.36	5.76	9.49E-08	1.44E-06	7.42
ILMN_1669323	BACE2	0.49	8.17	5.76	9.53E-08	1.45E-06	7.41
ILMN_1803647	FAM162A	-0.35	7.73	-5.76	9.53E-08	1.45E-06	7.41
ILMN_1734205	RASSF1	0.28	7.62	5.76	9.55E-08	1.45E-06	7.41
ILMN_3235176	TRABD2A	-0.59	8.58	-5.76	9.56E-08	1.45E-06	7.41
ILMN_1711124	NA	-0.42	8.62	-5.76	9.58E-08	1.45E-06	7.41
ILMN_1752639	SLC25A24	-0.31	7.23	-5.76	9.60E-08	1.46E-06	7.41
ILMN_3246608	CENPV	-0.31	7.78	-5.76	9.68E-08	1.47E-06	7.40
ILMN_2361862	VLDLR	-0.51	7.07	-5.76	9.75E-08	1.48E-06	7.39
ILMN_1760160	STX1A	0.28	6.88	5.76	9.78E-08	1.48E-06	7.39
ILMN_1671557	PHLDA2	0.37	7.17	5.76	9.82E-08	1.49E-06	7.38
ILMN_1759628	ATP1B3	-0.36	9.80	-5.76	9.82E-08	1.49E-06	7.38
ILMN_1773125	ENTPD1	0.41	7.28	5.76	9.82E-08	1.49E-06	7.38
ILMN_1664168	SLC25A11	-0.22	7.16	-5.76	9.85E-08	1.49E-06	7.38
ILMN_2228463	DDC	-0.60	8.31	-5.75	9.96E-08	1.51E-06	7.37
ILMN_2157435	DYNLRB1	-0.23	9.32	-5.75	9.97E-08	1.51E-06	7.37
ILMN_1735461	DDX21	0.58	9.21	5.75	1.01E-07	1.52E-06	7.36
ILMN_1766184	NA	-0.22	6.95	-5.75	1.03E-07	1.56E-06	7.34
ILMN_1699254	PLEKHH1	-0.42	8.30	-5.75	1.04E-07	1.56E-06	7.33
ILMN_1711862	RNF7	-0.24	10.73	-5.74	1.04E-07	1.57E-06	7.33
ILMN_1726516	SCRIB	-0.27	8.35	-5.74	1.04E-07	1.57E-06	7.33
ILMN_1713990	TRIP6	0.29	8.10	5.74	1.04E-07	1.57E-06	7.33
ILMN_2200836	HSPB7	0.39	6.56	5.74	1.04E-07	1.57E-06	7.33
ILMN_1651610	SPRY1	0.40	8.48	5.74	1.05E-07	1.57E-06	7.32
ILMN_1670420	METAP2	0.21	9.90	5.75	1.05E-07	1.57E-06	7.33
ILMN_1778625	CD44	0.20	6.88	5.74	1.05E-07	1.58E-06	7.32
ILMN_1689968	PLEKHO2	0.29	6.96	5.74	1.05E-07	1.58E-06	7.32
ILMN_1812557	CDK5RAP3	-0.43	9.10	-5.74	1.05E-07	1.59E-06	7.32
ILMN_1659027	SLC2A1	0.54	8.70	5.74	1.06E-07	1.59E-06	7.31
ILMN_1760682	NA	-0.26	7.28	-5.74	1.06E-07	1.59E-06	7.31
ILMN_2195482	CACNB3	-0.24	8.02	-5.74	1.06E-07	1.60E-06	7.31
ILMN_1801077	PLIN2	0.42	7.67	5.74	1.07E-07	1.60E-06	7.30
ILMN_1656691	FBXO4	0.20	7.03	5.74	1.08E-07	1.61E-06	7.30
ILMN_1732197	MN1	0.19	6.80	5.74	1.08E-07	1.61E-06	7.30
ILMN_2352293	PRDM10	-0.25	7.62	-5.73	1.09E-07	1.63E-06	7.28
ILMN_1788786	GLRA2	-0.56	6.93	-5.73	1.09E-07	1.63E-06	7.28

ILMN_1719998	MIR600HG	-0.26	7.39	-5.74	1.10E-07	1.64E-06	7.28
ILMN_1680856	MAMLD1	0.25	6.85	5.73	1.10E-07	1.64E-06	7.28
ILMN_1691291	PIGS	-0.29	7.86	-5.73	1.10E-07	1.65E-06	7.27
ILMN_1784459	MMP3	0.95	7.37	5.73	1.10E-07	1.65E-06	7.27
ILMN_1801383	SMG1	-0.29	9.21	-5.73	1.11E-07	1.65E-06	7.27
ILMN_1660723	RDH13	-0.30	7.80	-5.73	1.11E-07	1.65E-06	7.27
ILMN_2391900	SLC26A6	-0.30	7.12	-5.73	1.12E-07	1.67E-06	7.26
ILMN_1762260	C3	0.50	7.08	5.73	1.12E-07	1.67E-06	7.26
ILMN_2401978	STAT3	0.37	9.63	5.73	1.12E-07	1.68E-06	7.25
ILMN_1712705	RAB40C	-0.35	9.44	-5.73	1.13E-07	1.68E-06	7.25
ILMN_1853876	TMEM64	0.26	7.36	5.73	1.13E-07	1.68E-06	7.26
ILMN_1661021	NA	-0.19	6.55	-5.73	1.14E-07	1.69E-06	7.25
ILMN_3244117	STMN3	0.48	8.26	5.72	1.14E-07	1.70E-06	7.24
ILMN_1707070	PCOLCE	0.49	7.71	5.72	1.16E-07	1.72E-06	7.23
ILMN_1685834	AMPH	0.21	6.67	5.72	1.17E-07	1.74E-06	7.22
ILMN_1703511	PDZRN3	0.24	6.85	5.72	1.17E-07	1.74E-06	7.22
ILMN_1742577	GTPBP4	0.35	9.46	5.72	1.17E-07	1.74E-06	7.21
ILMN_1661750	VIL1	-0.61	8.37	-5.72	1.17E-07	1.74E-06	7.21
ILMN_1698934	CMTM7	0.62	8.95	5.72	1.18E-07	1.75E-06	7.21
ILMN_1737011	GOLM1	-0.23	6.75	-5.71	1.18E-07	1.76E-06	7.20
ILMN_1726659	THOP1	-0.37	7.63	-5.71	1.19E-07	1.76E-06	7.20
ILMN_2070072	RPS7	0.30	7.33	5.71	1.19E-07	1.77E-06	7.20
ILMN_1799367	TMX2	-0.23	9.75	-5.71	1.20E-07	1.78E-06	7.19
ILMN_2348093	ATP5J	-0.28	11.70	-5.71	1.20E-07	1.78E-06	7.19
ILMN_1790106	PLP1	0.22	7.27	5.71	1.21E-07	1.79E-06	7.19
ILMN_1669502	E2F3	0.28	8.25	5.71	1.21E-07	1.79E-06	7.18
ILMN_1778924	PDE1A	0.26	6.85	5.70	1.24E-07	1.83E-06	7.16
ILMN_1727462	ARSE	-0.24	6.82	-5.70	1.25E-07	1.85E-06	7.15
ILMN_1768115	TSPAN12	-0.23	7.01	-5.70	1.25E-07	1.85E-06	7.15
ILMN_1707240	PTBP2	0.30	7.84	5.70	1.26E-07	1.86E-06	7.14
ILMN_1707077	SORT1	-0.34	8.63	-5.70	1.27E-07	1.88E-06	7.13
ILMN_1760027	WAS	0.71	8.53	5.70	1.28E-07	1.89E-06	7.13
ILMN_1717229	AAED1	0.28	6.90	5.70	1.29E-07	1.90E-06	7.13
ILMN_2152581	STK38	-0.31	9.03	-5.69	1.30E-07	1.92E-06	7.11
ILMN_1763487	CTLA4	0.71	7.27	5.69	1.31E-07	1.93E-06	7.11
ILMN_1696316	CPT1A	-0.28	7.15	-5.69	1.32E-07	1.95E-06	7.10
ILMN_1676844	NR1D2	-0.29	7.03	-5.69	1.34E-07	1.98E-06	7.08
ILMN_1768194	BIRC2	-0.25	7.87	-5.69	1.35E-07	1.98E-06	7.08
ILMN_1719286	CTSA	-0.50	9.10	-5.69	1.35E-07	1.98E-06	7.08
ILMN_1804822	SRXN1	0.37	7.73	5.68	1.36E-07	2.00E-06	7.07
ILMN_1768595	DLG4	0.18	6.68	5.68	1.36E-07	2.01E-06	7.07
ILMN_3235379	CALB2	0.23	6.61	5.68	1.37E-07	2.01E-06	7.06
ILMN_2318643	TGIF1	0.34	8.02	5.68	1.37E-07	2.02E-06	7.06
ILMN_1683059	SIRT5	-0.25	7.71	-5.68	1.38E-07	2.03E-06	7.05
ILMN_2371458	ACKR3	0.56	7.20	5.68	1.38E-07	2.03E-06	7.05
ILMN_1801905	ATG4D	-0.19	6.94	-5.68	1.39E-07	2.04E-06	7.05
ILMN_1685781	C14orf142	-0.30	8.25	-5.68	1.39E-07	2.04E-06	7.05
ILMN_2126239	SMG5	-0.27	8.31	-5.68	1.39E-07	2.04E-06	7.05

ILMN_1675186	ME2	-0.31	8.70	-5.68	1.40E-07	2.05E-06	7.04
ILMN_1759743	SLC38A10	0.29	7.18	5.68	1.40E-07	2.05E-06	7.04
ILMN_2195703	PPARGC1B	-0.42	7.29	-5.68	1.41E-07	2.06E-06	7.04
ILMN_1758173	TMEM99	-0.29	7.70	-5.68	1.42E-07	2.07E-06	7.04
ILMN_1688848	TMEM44	-0.37	8.03	-5.67	1.42E-07	2.08E-06	7.02
ILMN_1810560	NUPR1	-0.50	7.46	-5.67	1.42E-07	2.08E-06	7.02
ILMN_1743456	ZCCHC14	-0.28	7.97	-5.67	1.43E-07	2.09E-06	7.02
ILMN_1700695	SLC44A1	-0.37	11.69	-5.67	1.43E-07	2.09E-06	7.02
ILMN_1709683	RASSF2	0.64	8.41	5.67	1.43E-07	2.09E-06	7.02
ILMN_1695719	AGO2	0.34	8.98	5.67	1.44E-07	2.10E-06	7.02
ILMN_1736654	PIP5K1B	-0.26	7.29	-5.67	1.44E-07	2.11E-06	7.01
ILMN_1697817	PANX1	0.24	6.87	5.67	1.45E-07	2.11E-06	7.01
ILMN_1803673	NA	-0.27	7.15	-5.67	1.45E-07	2.12E-06	7.01
ILMN_1811682	CLIP2	-0.30	7.40	-5.67	1.45E-07	2.12E-06	7.01
ILMN_1750178	NA	-0.27	7.39	-5.67	1.45E-07	2.12E-06	7.00
ILMN_3179038	LOC1001279	-0.39	7.63	-5.67	1.46E-07	2.13E-06	7.00
ILMN_1727199	KLC4	-0.22	6.70	-5.67	1.48E-07	2.15E-06	7.00
ILMN_1777106	LRRCS7	-0.21	7.28	-5.66	1.48E-07	2.15E-06	6.99
ILMN_1671969	UGP2	-0.60	8.73	-5.67	1.49E-07	2.17E-06	6.99
ILMN_2338323	CDC25B	0.47	8.18	5.66	1.50E-07	2.18E-06	6.98
ILMN_1751904	EDNRB	0.31	7.38	5.66	1.51E-07	2.20E-06	6.97
ILMN_1682034	HEY2	0.16	6.46	5.66	1.52E-07	2.20E-06	6.97
ILMN_1750563	CERCAM	0.23	6.71	5.66	1.52E-07	2.20E-06	6.96
ILMN_1681283	HIF1A	0.30	7.07	5.66	1.52E-07	2.20E-06	6.96
ILMN_1656420	CLUHP3	-0.20	7.21	-5.66	1.52E-07	2.21E-06	6.96
ILMN_1774733	SOCS1	0.24	6.73	5.66	1.52E-07	2.21E-06	6.96
ILMN_1695404	LY6E	0.45	8.29	5.66	1.53E-07	2.22E-06	6.96
ILMN_1783448	DYNC1L1I2	-0.23	10.92	-5.66	1.53E-07	2.22E-06	6.95
ILMN_3224290	NA	0.30	7.61	5.65	1.55E-07	2.24E-06	6.95
ILMN_1707236	HCCS	-0.27	7.76	-5.65	1.55E-07	2.24E-06	6.94
ILMN_2330267	ABCE1	0.32	8.33	5.65	1.56E-07	2.26E-06	6.94
ILMN_1771019	MTMR4	-0.30	8.84	-5.65	1.56E-07	2.26E-06	6.94
ILMN_1776519	RAP1GAP	-0.59	9.59	-5.65	1.56E-07	2.26E-06	6.94
ILMN_2394381	CLN3	-0.34	7.56	-5.65	1.56E-07	2.26E-06	6.93
ILMN_2051972	GPC3	0.16	6.42	5.65	1.57E-07	2.26E-06	6.93
ILMN_1717138	CLSTN1	-0.23	6.96	-5.65	1.57E-07	2.27E-06	6.93
ILMN_2351611	UBQLN1	0.32	7.80	5.65	1.57E-07	2.27E-06	6.93
ILMN_2316236	HOPX	0.46	7.27	5.65	1.59E-07	2.29E-06	6.92
ILMN_2214144	TWSG1	0.38	9.26	5.65	1.60E-07	2.31E-06	6.91
ILMN_1693650	FES	0.25	7.22	5.65	1.61E-07	2.32E-06	6.91
ILMN_2203588	MYL5	-0.34	7.27	-5.64	1.61E-07	2.32E-06	6.90
ILMN_1703471	ATF6	0.24	8.80	5.64	1.62E-07	2.33E-06	6.90
ILMN_2393341	LIAS	-0.24	7.03	-5.64	1.62E-07	2.34E-06	6.90
ILMN_1791222	GLYCTK	-0.25	7.05	-5.64	1.64E-07	2.37E-06	6.89
ILMN_1806634	NNT	-0.30	9.07	-5.64	1.65E-07	2.37E-06	6.89
ILMN_2350114	TRIM13	-0.24	7.41	-5.64	1.64E-07	2.37E-06	6.89
ILMN_2305721	POMT1	-0.26	7.55	-5.64	1.65E-07	2.37E-06	6.88
ILMN_1745365	PKNOX1	-0.23	7.39	-5.64	1.65E-07	2.37E-06	6.88

ILMN_3300313	P4HTM	-0.55	8.12	-5.64	1.65E-07	2.37E-06	6.88
ILMN_2381476	ATL1	-0.28	7.39	-5.64	1.66E-07	2.39E-06	6.87
ILMN_2328813	DMAP1	-0.28	8.19	-5.64	1.67E-07	2.39E-06	6.87
ILMN_1751956	MGST3	-0.34	11.39	-5.64	1.68E-07	2.41E-06	6.87
ILMN_1705685	MEIS1	0.33	7.58	5.63	1.69E-07	2.42E-06	6.86
ILMN_1693891	MOGAT2	-0.23	6.83	-5.63	1.69E-07	2.43E-06	6.86
ILMN_2221784	LRRC75A	-0.30	7.12	-5.63	1.70E-07	2.43E-06	6.86
ILMN_1661337	SRM	0.29	7.26	5.63	1.70E-07	2.43E-06	6.85
ILMN_1740671	ATOH1	-0.34	7.03	-5.63	1.70E-07	2.43E-06	6.85
ILMN_2188521	NECTIN3	-0.51	9.56	-5.63	1.71E-07	2.45E-06	6.85
ILMN_3224926	RBM47	-0.40	11.04	-5.63	1.71E-07	2.45E-06	6.85
ILMN_1694603	SMARCC1	0.23	8.66	5.63	1.72E-07	2.46E-06	6.84
ILMN_1803772	POLD4	-0.27	7.67	-5.63	1.72E-07	2.46E-06	6.84
ILMN_1901934	NA	-0.19	6.89	-5.63	1.72E-07	2.46E-06	6.84
ILMN_1665865	IGFBP4	0.47	9.10	5.64	1.74E-07	2.49E-06	6.84
ILMN_1775235	AFF3	0.36	7.04	5.63	1.75E-07	2.49E-06	6.83
ILMN_1806106	GNL3	0.31	8.83	5.63	1.75E-07	2.50E-06	6.83
ILMN_2215545	CMSS1	0.36	7.68	5.63	1.76E-07	2.51E-06	6.82
ILMN_1750181	TESC	0.41	7.07	5.62	1.76E-07	2.51E-06	6.82
ILMN_1796629	EDNRA	0.26	6.82	5.62	1.76E-07	2.51E-06	6.82
ILMN_2115340	NA	-0.20	6.82	-5.62	1.76E-07	2.51E-06	6.82
ILMN_2289924	TRAK1	-0.31	8.87	-5.62	1.77E-07	2.53E-06	6.81
ILMN_1814726	SCARB2	-0.22	11.52	-5.62	1.78E-07	2.54E-06	6.81
ILMN_1726448	MMP1	0.56	6.90	5.62	1.79E-07	2.55E-06	6.80
ILMN_2254635	ITGAX	0.54	7.09	5.62	1.81E-07	2.57E-06	6.79
ILMN_2205896	MEIS3P1	0.30	8.11	5.62	1.82E-07	2.59E-06	6.79
ILMN_1773885	DMAP1	-0.34	8.43	-5.62	1.82E-07	2.59E-06	6.79
ILMN_1769013	ASGR1	0.21	6.73	5.62	1.85E-07	2.63E-06	6.78
ILMN_1854469	NA	0.34	7.53	5.61	1.86E-07	2.64E-06	6.77
ILMN_1741712	MS4A4A	0.15	6.40	5.61	1.86E-07	2.64E-06	6.77
ILMN_1728467	GHITM	-0.31	11.82	-5.62	1.87E-07	2.65E-06	6.77
ILMN_1800276	RCN1	0.34	10.03	5.61	1.88E-07	2.66E-06	6.76
ILMN_2132809	ARHGEF10	0.29	7.91	5.61	1.88E-07	2.67E-06	6.75
ILMN_1703075	PYY	-1.13	8.04	-5.61	1.89E-07	2.67E-06	6.75
ILMN_1694174	TRIM68	-0.22	7.79	-5.61	1.89E-07	2.68E-06	6.75
ILMN_1660343	NA	-0.25	7.16	-5.61	1.90E-07	2.69E-06	6.75
ILMN_2233783	CD38	0.42	7.08	5.61	1.91E-07	2.70E-06	6.75
ILMN_1655444	NA	-0.40	9.69	-5.60	1.93E-07	2.73E-06	6.73
ILMN_1809928	COL6A2	0.32	7.20	5.60	1.94E-07	2.75E-06	6.73
ILMN_1663484	NA	-0.16	6.92	-5.60	1.96E-07	2.77E-06	6.72
ILMN_1757882	PPP1R16A	-0.45	8.50	-5.60	1.97E-07	2.78E-06	6.71
ILMN_1666739	RBM15	0.28	8.22	5.60	1.97E-07	2.79E-06	6.71
ILMN_1773312	PATJ	-0.19	6.80	-5.60	1.98E-07	2.79E-06	6.71
ILMN_1684585	ACSL1	0.53	7.58	5.60	1.99E-07	2.81E-06	6.70
ILMN_1711818	PIWIL2	-0.15	6.52	-5.60	2.00E-07	2.82E-06	6.70
ILMN_1713088	MSI2	0.20	6.60	5.59	2.01E-07	2.84E-06	6.69
ILMN_1729374	ETFB	-0.49	9.17	-5.59	2.02E-07	2.84E-06	6.69
ILMN_2195914	GGH	-0.37	7.18	-5.59	2.02E-07	2.85E-06	6.69

ILMN_1654072	CX3CL1	0.28	7.30	5.59	2.05E-07	2.89E-06	6.68
ILMN_2169383	REG4	1.91	10.45	5.59	2.07E-07	2.91E-06	6.66
ILMN_1705876	NAP1L1	0.24	7.02	5.59	2.08E-07	2.92E-06	6.66
ILMN_2122420	HMGCL	-0.30	7.68	-5.59	2.09E-07	2.93E-06	6.66
ILMN_1657446	NTPCR	-0.31	8.03	-5.59	2.09E-07	2.94E-06	6.65
ILMN_1698803	ZAK	0.28	6.70	5.58	2.10E-07	2.95E-06	6.65
ILMN_1673261	EPS8L3	-0.21	6.87	-5.58	2.10E-07	2.95E-06	6.65
ILMN_2137464	DVL3	0.22	7.93	5.58	2.10E-07	2.95E-06	6.65
ILMN_2041101	ANXA2P1	0.57	10.14	5.58	2.11E-07	2.96E-06	6.64
ILMN_1671106	GJA4	0.28	6.72	5.58	2.12E-07	2.98E-06	6.64
ILMN_1752451	CTSH	0.35	7.14	5.58	2.14E-07	3.00E-06	6.63
ILMN_1768814	KLHL6	0.51	7.19	5.58	2.14E-07	3.00E-06	6.63
ILMN_1728059	NA	0.18	6.85	5.58	2.16E-07	3.03E-06	6.62
ILMN_1758672	FAM107B	0.46	9.48	5.58	2.17E-07	3.04E-06	6.62
ILMN_1691736	ST6GALNACt	-0.66	9.48	-5.57	2.19E-07	3.06E-06	6.61
ILMN_1679391	MAMDC2	0.69	8.08	5.58	2.19E-07	3.07E-06	6.61
ILMN_1796461	PRSS8	-0.58	10.69	-5.57	2.19E-07	3.07E-06	6.61
ILMN_1661197	CLCF1	0.46	7.02	5.58	2.20E-07	3.08E-06	6.61
ILMN_1784749	GAS6	-0.41	9.12	-5.57	2.20E-07	3.08E-06	6.60
ILMN_2330845	NSF	-0.22	8.15	-5.57	2.21E-07	3.08E-06	6.60
ILMN_1776154	COG3	-0.25	8.02	-5.57	2.22E-07	3.10E-06	6.60
ILMN_2204754	TMX4	0.28	7.93	5.57	2.22E-07	3.10E-06	6.60
ILMN_1669046	FOXQ1	0.77	7.07	5.57	2.23E-07	3.11E-06	6.59
ILMN_2405602	OSBPL1A	-0.42	8.85	-5.57	2.23E-07	3.12E-06	6.59
ILMN_1741755	TRIM29	0.27	6.57	5.57	2.24E-07	3.13E-06	6.59
ILMN_1661917	RPL10	0.31	12.78	5.57	2.27E-07	3.16E-06	6.58
ILMN_1719627	SLC27A3	-0.29	8.52	-5.57	2.27E-07	3.16E-06	6.57
ILMN_1701032	TFPI	0.18	6.43	5.57	2.27E-07	3.17E-06	6.57
ILMN_1742069	ZSWIM5	-0.29	7.43	-5.57	2.27E-07	3.17E-06	6.57
ILMN_2385278	DCAF4	-0.22	7.29	-5.57	2.30E-07	3.21E-06	6.56
ILMN_1716488	PACS1	0.22	6.85	5.56	2.34E-07	3.25E-06	6.55
ILMN_3307648	CS	-0.24	10.57	-5.56	2.34E-07	3.25E-06	6.55
ILMN_1657708	MGLL	-0.39	8.43	-5.56	2.35E-07	3.27E-06	6.54
ILMN_1740165	NRDE2	-0.25	8.41	-5.56	2.35E-07	3.27E-06	6.54
ILMN_1801476	CDS1	-0.55	9.29	-5.56	2.37E-07	3.30E-06	6.54
ILMN_2143250	FAR1	-0.36	8.38	-5.56	2.39E-07	3.32E-06	6.53
ILMN_1661770	KDM4C	-0.15	6.89	-5.56	2.40E-07	3.34E-06	6.52
ILMN_1706413	RRNAD1	-0.23	7.34	-5.55	2.41E-07	3.35E-06	6.52
ILMN_2212878	ESM1	-0.19	6.79	-5.55	2.42E-07	3.36E-06	6.51
ILMN_1801109	NAA16	0.18	7.07	5.55	2.43E-07	3.37E-06	6.51
ILMN_1718977	GADD45B	0.47	7.26	5.55	2.44E-07	3.38E-06	6.51
ILMN_1803856	DKFZP586I1	-0.22	7.46	-5.55	2.44E-07	3.38E-06	6.51
ILMN_1700822	DPP3	-0.22	7.40	-5.55	2.44E-07	3.38E-06	6.50
ILMN_1651987	CCDC167	0.31	7.27	5.55	2.47E-07	3.42E-06	6.49
ILMN_2055477	EXOSC7	0.23	7.79	5.55	2.48E-07	3.43E-06	6.49
ILMN_2163306	FAM120A	-0.23	10.61	-5.54	2.49E-07	3.45E-06	6.48
ILMN_3244390	ASAP1-IT1	0.21	6.83	5.54	2.50E-07	3.45E-06	6.48
ILMN_1731374	CPE	0.45	8.44	5.54	2.50E-07	3.46E-06	6.48

ILMN_1678004	TMEM41B	-0.21	9.36	-5.54	2.52E-07	3.48E-06	6.47
ILMN_1699022	ENDOD1	-0.50	8.43	-5.54	2.52E-07	3.48E-06	6.47
ILMN_1720114	GMNN	-0.34	7.81	-5.54	2.53E-07	3.49E-06	6.47
ILMN_2136446	CTNNAL1	0.34	7.70	5.54	2.53E-07	3.49E-06	6.47
ILMN_3248263	CCDC93	-0.25	8.85	-5.54	2.55E-07	3.52E-06	6.46
ILMN_1659106	PHLDA3	0.18	6.64	5.54	2.57E-07	3.54E-06	6.46
ILMN_3234884	KIF22	-0.41	8.55	-5.54	2.59E-07	3.57E-06	6.45
ILMN_1736021	PRPF4B	-0.25	7.79	-5.54	2.60E-07	3.58E-06	6.44
ILMN_1698578	LOC1005069	-0.17	6.60	-5.53	2.61E-07	3.59E-06	6.44
ILMN_1715189	LHX6	0.22	6.78	5.53	2.62E-07	3.61E-06	6.43
ILMN_1676449	SLIT2	0.29	7.14	5.53	2.63E-07	3.62E-06	6.43
ILMN_1671891	PID1	-0.43	8.11	-5.53	2.64E-07	3.63E-06	6.43
ILMN_1653793	PDPK1	-0.24	7.34	-5.53	2.67E-07	3.67E-06	6.42
ILMN_1657475	GALT	-0.29	7.92	-5.53	2.67E-07	3.67E-06	6.42
ILMN_1791728	SLC25A25	0.35	8.50	5.53	2.69E-07	3.70E-06	6.41
ILMN_1667429	SLC25A20	-0.27	7.18	-5.53	2.70E-07	3.72E-06	6.40
ILMN_1760741	NDUFA9	-0.33	9.34	-5.52	2.72E-07	3.73E-06	6.40
ILMN_1680139	MAFF	0.36	7.05	5.53	2.73E-07	3.75E-06	6.40
ILMN_2413833	TOX3	-0.39	7.65	-5.52	2.74E-07	3.75E-06	6.39
ILMN_1815733	EIF5	-0.24	8.74	-5.52	2.75E-07	3.76E-06	6.39
ILMN_1693009	FGL2	0.48	9.21	5.52	2.76E-07	3.78E-06	6.39
ILMN_1684887	SAMSN1	0.61	7.38	5.52	2.79E-07	3.82E-06	6.38
ILMN_1702231	C1orf54	0.43	8.28	5.52	2.79E-07	3.82E-06	6.38
ILMN_1772821	KIAA1671	-0.34	9.68	-5.52	2.79E-07	3.82E-06	6.38
ILMN_2389155	UGP2	-0.42	8.85	-5.52	2.79E-07	3.82E-06	6.37
ILMN_2175912	ITGB2	0.91	10.01	5.52	2.82E-07	3.85E-06	6.37
ILMN_1683682	DAGLA	-0.23	6.97	-5.52	2.82E-07	3.86E-06	6.36
ILMN_1779674	PTPRG	0.18	6.83	5.52	2.82E-07	3.86E-06	6.36
ILMN_1743747	RUSC1	-0.33	9.80	-5.52	2.83E-07	3.86E-06	6.36
ILMN_2401253	FAM13A	-0.20	6.96	-5.52	2.83E-07	3.86E-06	6.36
ILMN_1733851	DACT3	0.35	7.20	5.51	2.84E-07	3.88E-06	6.36
ILMN_1796455	RYR3	0.24	6.63	5.51	2.84E-07	3.88E-06	6.36
ILMN_1714709	OLFM1	0.30	7.12	5.51	2.86E-07	3.90E-06	6.35
ILMN_1761788	MOXD1	0.20	6.62	5.51	2.86E-07	3.91E-06	6.35
ILMN_1703949	KPNB1	0.25	10.46	5.52	2.88E-07	3.92E-06	6.35
ILMN_1660810	TTC17	-0.24	8.37	-5.51	2.88E-07	3.93E-06	6.34
ILMN_1737514	KYNU	0.29	6.77	5.51	2.89E-07	3.94E-06	6.34
ILMN_1678968	GEM	0.34	6.75	5.51	2.90E-07	3.95E-06	6.34
ILMN_1663132	ADCK2	-0.27	8.10	-5.51	2.91E-07	3.96E-06	6.33
ILMN_1687533	SEMA4D	0.50	8.39	5.51	2.91E-07	3.96E-06	6.33
ILMN_1774265	C2orf82	-0.48	7.98	-5.51	2.92E-07	3.97E-06	6.33
ILMN_2135258	RAPGEF3	0.14	6.49	5.51	2.92E-07	3.97E-06	6.33
ILMN_1726496	NA	0.21	6.93	5.51	2.95E-07	4.01E-06	6.32
ILMN_1680465	ARL5B	0.26	7.08	5.51	2.97E-07	4.03E-06	6.32
ILMN_1689378	NOCT	0.25	7.17	5.50	2.99E-07	4.06E-06	6.31
ILMN_1756439	SCRN1	0.32	7.59	5.50	3.02E-07	4.10E-06	6.30
ILMN_1704286	FXYD5	0.54	8.37	5.50	3.02E-07	4.10E-06	6.30
ILMN_1677824	NA	-0.24	7.34	-5.50	3.05E-07	4.14E-06	6.29

ILMN_1701731	AKR1B1	0.45	8.61	5.50	3.06E-07	4.14E-06	6.29
ILMN_2054607	CYP4V2	-0.43	9.05	-5.50	3.06E-07	4.15E-06	6.29
ILMN_1657766	TRIM29	0.32	6.56	5.50	3.07E-07	4.15E-06	6.28
ILMN_1678409	NA	-0.33	7.08	-5.50	3.07E-07	4.16E-06	6.28
ILMN_2133534	NA	-0.27	7.54	-5.50	3.07E-07	4.16E-06	6.28
ILMN_2337655	WARS	0.59	9.43	5.50	3.07E-07	4.16E-06	6.28
ILMN_1728349	TMEM63B	-0.24	7.18	-5.50	3.08E-07	4.16E-06	6.28
ILMN_1777721	MAPRE1	0.27	10.19	5.49	3.09E-07	4.18E-06	6.27
ILMN_1814194	TCF4	0.39	7.95	5.50	3.09E-07	4.18E-06	6.27
ILMN_1663605	RNF123	-0.16	7.52	-5.49	3.11E-07	4.20E-06	6.27
ILMN_2359800	MS4A6A	0.82	8.99	5.49	3.11E-07	4.21E-06	6.27
ILMN_1664051	SEC22C	0.22	6.90	5.49	3.12E-07	4.21E-06	6.27
ILMN_1740505	SGMS1	0.16	6.63	5.49	3.14E-07	4.23E-06	6.26
ILMN_1805474	C1orf131	-0.21	8.71	-5.49	3.14E-07	4.23E-06	6.26
ILMN_1681325	CPTP	-0.20	7.00	-5.49	3.14E-07	4.24E-06	6.26
ILMN_1694034	LGALS4	-0.61	12.95	-5.49	3.14E-07	4.24E-06	6.26
ILMN_1757660	CAPS	-0.21	7.12	-5.49	3.15E-07	4.25E-06	6.26
ILMN_1784283	USH1C	-0.36	7.89	-5.49	3.16E-07	4.26E-06	6.25
ILMN_1754865	PABPC4	0.34	8.63	5.49	3.17E-07	4.27E-06	6.25
ILMN_2363621	RBBP8	0.31	8.46	5.49	3.18E-07	4.27E-06	6.25
ILMN_1783285	CTPS1	0.36	7.50	5.49	3.19E-07	4.29E-06	6.24
ILMN_1683774	IL2RA	0.32	6.75	5.49	3.20E-07	4.31E-06	6.24
ILMN_1769758	FANCA	-0.35	6.78	-5.49	3.22E-07	4.33E-06	6.24
ILMN_3247018	SNORA67	0.29	7.72	5.48	3.24E-07	4.35E-06	6.23
ILMN_1765684	C19orf70	-0.29	9.69	-5.48	3.24E-07	4.35E-06	6.23
ILMN_1708110	TMEM144	-0.38	8.47	-5.48	3.24E-07	4.36E-06	6.23
ILMN_1693259	PDCD6IP	-0.31	9.10	-5.48	3.25E-07	4.36E-06	6.23
ILMN_1751773	POLD3	0.23	7.24	5.48	3.26E-07	4.38E-06	6.22
ILMN_1706706	DCAF7	0.23	7.46	5.48	3.29E-07	4.41E-06	6.21
ILMN_2131177	GUCY1A3	0.31	7.02	5.48	3.32E-07	4.44E-06	6.21
ILMN_1789909	TBC1D9B	-0.19	7.40	-5.48	3.32E-07	4.44E-06	6.21
ILMN_1770940	CDH1	-0.49	11.41	-5.48	3.34E-07	4.47E-06	6.20
ILMN_1683178	JAK2	0.20	7.15	5.48	3.35E-07	4.48E-06	6.20
ILMN_1779241	CRYM	-0.18	6.59	-5.48	3.37E-07	4.51E-06	6.19
ILMN_1796165	GLRX5	-0.26	10.96	-5.48	3.37E-07	4.51E-06	6.19
ILMN_2359945	CES1	0.37	7.10	5.48	3.37E-07	4.51E-06	6.19
ILMN_1711810	PNKD	-0.25	7.05	-5.47	3.38E-07	4.51E-06	6.19
ILMN_2380688	B4GALT4	-0.22	7.20	-5.48	3.40E-07	4.54E-06	6.19
ILMN_1874689	NA	-0.21	6.84	-5.47	3.42E-07	4.57E-06	6.18
ILMN_1675266	NAGPA	-0.28	7.68	-5.47	3.44E-07	4.59E-06	6.17
ILMN_1713394	RPS16	0.23	13.16	5.47	3.44E-07	4.60E-06	6.17
ILMN_1795715	DPYD	0.24	7.01	5.47	3.47E-07	4.63E-06	6.16
ILMN_1767253	RRP12	0.25	7.14	5.47	3.50E-07	4.66E-06	6.16
ILMN_1678692	MPRIP	0.22	7.13	5.47	3.50E-07	4.67E-06	6.16
ILMN_1733690	AKAP7	-0.43	8.77	-5.47	3.50E-07	4.67E-06	6.15
ILMN_1673773	GALNT18	0.21	6.84	5.47	3.55E-07	4.73E-06	6.15
ILMN_3251361	NA	-0.15	6.71	-5.46	3.55E-07	4.73E-06	6.14
ILMN_1760855	OCRL	-0.26	8.44	-5.46	3.56E-07	4.73E-06	6.14

ILMN_2154671	COX6B1	-0.21	11.58	-5.46	3.62E-07	4.82E-06	6.12
ILMN_1691276	CXXC1	-0.27	9.32	-5.46	3.62E-07	4.82E-06	6.12
ILMN_1812067	RER1	-0.24	7.86	-5.46	3.63E-07	4.82E-06	6.12
ILMN_1811313	SLIT3	0.30	6.84	5.46	3.65E-07	4.86E-06	6.11
ILMN_1703926	PTGER2	0.32	7.37	5.46	3.67E-07	4.87E-06	6.12
ILMN_3251545	CHMP5	-0.30	10.12	-5.46	3.67E-07	4.88E-06	6.11
ILMN_1688479	LRRC42	0.21	8.34	5.45	3.68E-07	4.88E-06	6.11
ILMN_1810838	MTDH	0.21	9.10	5.46	3.69E-07	4.90E-06	6.11
ILMN_1768391	ARL4C	0.18	6.59	5.46	3.70E-07	4.91E-06	6.11
ILMN_1665738	FLI1	0.30	7.33	5.45	3.73E-07	4.95E-06	6.09
ILMN_1728107	GNG7	0.31	7.32	5.45	3.73E-07	4.95E-06	6.09
ILMN_1804479	MRPL18	-0.23	9.37	-5.45	3.73E-07	4.95E-06	6.09
ILMN_2408851	ARHGAP30	0.31	7.08	5.45	3.74E-07	4.95E-06	6.09
ILMN_1666967	MPC1	-0.34	8.63	-5.45	3.74E-07	4.95E-06	6.09
ILMN_1747016	CEP55	0.42	7.48	5.45	3.76E-07	4.98E-06	6.09
ILMN_2205999	OSMR	0.23	6.66	5.45	3.77E-07	4.99E-06	6.08
ILMN_3228585	NA	-0.29	9.42	-5.45	3.78E-07	4.99E-06	6.08
ILMN_2184556	SLC4A4	-0.40	7.31	-5.45	3.78E-07	5.00E-06	6.08
ILMN_1740493	TRAF5	0.30	8.02	5.45	3.79E-07	5.00E-06	6.08
ILMN_1746012	MBD6	-0.34	8.98	-5.45	3.79E-07	5.00E-06	6.08
ILMN_2413158	PODXL	0.38	8.27	5.45	3.80E-07	5.02E-06	6.08
ILMN_1749636	DNAJC22	-0.31	7.28	-5.45	3.81E-07	5.02E-06	6.07
ILMN_1696463	SPI1	0.30	7.09	5.45	3.82E-07	5.03E-06	6.07
ILMN_1805800	RAB5A	0.32	8.48	5.45	3.83E-07	5.06E-06	6.07
ILMN_1804601	NA	1.77	9.89	5.44	3.88E-07	5.11E-06	6.06
ILMN_3241021	RNY4	0.51	7.24	5.44	3.91E-07	5.16E-06	6.05
ILMN_1754279	FBXW7	0.28	7.94	5.44	3.92E-07	5.17E-06	6.05
ILMN_1657760	SYT17	-0.20	6.66	-5.44	3.93E-07	5.17E-06	6.04
ILMN_1685170	ANXA11	-0.24	8.91	-5.44	3.93E-07	5.17E-06	6.04
ILMN_1652749	ERF	0.20	6.94	5.44	3.94E-07	5.18E-06	6.04
ILMN_1800317	WNT5A	0.44	7.19	5.44	3.94E-07	5.18E-06	6.05
ILMN_2129505	CYB561A3	-0.33	8.08	-5.44	3.94E-07	5.18E-06	6.04
ILMN_2383489	CDK5RAP3	-0.53	8.94	-5.44	3.94E-07	5.18E-06	6.04
ILMN_2122103	ETS1	0.64	8.50	5.44	3.95E-07	5.19E-06	6.04
ILMN_1779886	TBC1D14	-0.22	8.72	-5.44	3.95E-07	5.19E-06	6.04
ILMN_1803855	FAIM2	0.14	6.57	5.44	3.96E-07	5.20E-06	6.04
ILMN_2163723	KRT7	0.24	6.48	5.44	3.96E-07	5.20E-06	6.04
ILMN_1766916	RPAP3	0.19	7.50	5.44	3.99E-07	5.23E-06	6.03
ILMN_1803211	FBXO2	-0.18	6.87	-5.44	4.00E-07	5.24E-06	6.03
ILMN_1658182	MEX3C	0.26	7.84	5.43	4.02E-07	5.27E-06	6.02
ILMN_1674620	SGCE	0.44	8.39	5.44	4.02E-07	5.27E-06	6.03
ILMN_2382717	OPN3	-0.21	6.74	-5.43	4.04E-07	5.29E-06	6.02
ILMN_1772521	MTHFD1L	0.34	7.18	5.43	4.06E-07	5.32E-06	6.01
ILMN_1746704	TRIM8	0.23	8.96	5.43	4.07E-07	5.32E-06	6.01
ILMN_1803483	KIAA2013	-0.29	8.82	-5.43	4.07E-07	5.33E-06	6.01
ILMN_1666819	PHLDB1	-0.35	8.56	-5.44	4.08E-07	5.33E-06	6.01
ILMN_1751120	HIST1H4H	-0.25	6.74	-5.43	4.08E-07	5.34E-06	6.01
ILMN_1705035	FBXL7	0.18	6.65	5.43	4.09E-07	5.34E-06	6.01

ILMN_2206272	D2HGDH	-0.59	9.34	-5.43	4.10E-07	5.35E-06	6.00
ILMN_1717337	7-Mar	0.27	9.44	5.43	4.10E-07	5.36E-06	6.00
ILMN_1737972	TSPYL5	0.21	6.65	5.43	4.10E-07	5.36E-06	6.00
ILMN_1668592	NA	0.26	6.69	5.43	4.11E-07	5.36E-06	6.00
ILMN_1724946	SPINT1	-0.23	6.98	-5.43	4.11E-07	5.36E-06	6.00
ILMN_2151541	DNAJC10	0.39	9.25	5.43	4.12E-07	5.37E-06	6.00
ILMN_2333766	PPIP5K1	-0.26	7.80	-5.43	4.12E-07	5.37E-06	6.00
ILMN_1777794	PRKCSH	-0.21	8.21	-5.43	4.13E-07	5.38E-06	6.00
ILMN_1769634	STRA13	-0.27	9.41	-5.43	4.15E-07	5.41E-06	5.99
ILMN_2082585	SNAI2	0.48	7.78	5.43	4.16E-07	5.42E-06	5.99
ILMN_1664292	ZNF415	-0.22	7.02	-5.43	4.18E-07	5.43E-06	5.98
ILMN_1703572	PCDH20	-0.63	7.24	-5.42	4.22E-07	5.49E-06	5.97
ILMN_1755364	RALA	-0.23	10.16	-5.42	4.31E-07	5.60E-06	5.95
ILMN_2351466	NTM	0.27	7.01	5.42	4.35E-07	5.65E-06	5.95
ILMN_1811624	THADA	0.17	7.22	5.41	4.39E-07	5.71E-06	5.94
ILMN_1711617	GMFG	0.56	8.30	5.41	4.40E-07	5.71E-06	5.94
ILMN_1718303	NECTIN2	0.31	7.72	5.41	4.40E-07	5.72E-06	5.93
ILMN_1672908	TWIST1	0.35	6.73	5.41	4.41E-07	5.73E-06	5.93
ILMN_1656382	NA	-0.23	6.99	-5.42	4.42E-07	5.73E-06	5.94
ILMN_2058795	CPQ	0.37	8.05	5.41	4.44E-07	5.76E-06	5.92
ILMN_1674633	UBE2H	0.21	6.63	5.41	4.45E-07	5.77E-06	5.92
ILMN_2152178	FAN1	-0.23	7.54	-5.41	4.48E-07	5.80E-06	5.92
ILMN_1762606	AQP11	-0.37	7.32	-5.41	4.49E-07	5.81E-06	5.92
ILMN_1785202	STAT4	0.44	7.47	5.41	4.51E-07	5.84E-06	5.91
ILMN_1749368	HIST1H3H	-0.18	6.52	-5.41	4.52E-07	5.85E-06	5.91
ILMN_2121437	NCL	0.27	10.36	5.41	4.55E-07	5.88E-06	5.90
ILMN_1749180	ESRP1	-0.26	7.20	-5.40	4.57E-07	5.91E-06	5.90
ILMN_1800935	ARV1	-0.27	8.22	-5.40	4.60E-07	5.95E-06	5.89
ILMN_1774823	RPL34	0.33	8.21	5.40	4.61E-07	5.96E-06	5.89
ILMN_1705301	TEAD4	0.26	6.79	5.40	4.64E-07	6.00E-06	5.88
ILMN_1723480	BST2	0.44	7.91	5.40	4.65E-07	6.01E-06	5.88
ILMN_1692107	KMT5B	-0.17	6.65	-5.40	4.74E-07	6.11E-06	5.86
ILMN_1764309	ADH1A	-0.87	10.93	-5.40	4.74E-07	6.12E-06	5.86
ILMN_1753111	NAMPT	0.64	7.44	5.39	4.79E-07	6.18E-06	5.85
ILMN_1801606	AMZ2	0.29	8.89	5.39	4.79E-07	6.18E-06	5.85
ILMN_3241005	MFS6L	-0.26	7.10	-5.39	4.85E-07	6.25E-06	5.84
ILMN_1783681	MRPL34	-0.34	8.95	-5.39	4.85E-07	6.25E-06	5.84
ILMN_3247848	SPACA6	0.17	6.90	5.39	4.87E-07	6.28E-06	5.84
ILMN_2337974	PKIA	0.28	6.96	5.39	4.89E-07	6.30E-06	5.83
ILMN_1683658	FKBP1A	-0.30	9.93	-5.39	4.90E-07	6.31E-06	5.83
ILMN_3242586	RHOU	-0.68	9.68	-5.39	4.92E-07	6.34E-06	5.83
ILMN_1749868	FAM171A1	-0.31	9.57	-5.39	4.94E-07	6.35E-06	5.82
ILMN_1739946	VKORC1	0.25	9.69	5.38	5.02E-07	6.46E-06	5.81
ILMN_1763264	MRPL2	-0.28	7.77	-5.38	5.02E-07	6.46E-06	5.81
ILMN_1740319	IFI27L2	0.31	7.45	5.38	5.05E-07	6.49E-06	5.80
ILMN_1732066	CKMT1A	-0.53	9.90	-5.38	5.07E-07	6.51E-06	5.80
ILMN_2414014	RBM10	-0.26	10.36	-5.38	5.08E-07	6.52E-06	5.80
ILMN_1687857	ST6GALNAC4	0.28	7.43	5.38	5.08E-07	6.52E-06	5.80

ILMN_1714700	TRIB2	0.33	7.17	5.38	5.14E-07	6.60E-06	5.78
ILMN_1769751	PIGG	-0.22	7.34	-5.38	5.14E-07	6.60E-06	5.78
ILMN_1694776	SCP2	-0.26	7.07	-5.38	5.16E-07	6.62E-06	5.78
ILMN_1662932	LCP1	0.86	9.88	5.38	5.19E-07	6.65E-06	5.78
ILMN_1675130	NFIC	0.26	8.11	5.37	5.19E-07	6.65E-06	5.78
ILMN_1653496	GLUL	0.19	6.64	5.37	5.20E-07	6.65E-06	5.77
ILMN_1790518	JADE3	0.20	7.80	5.37	5.20E-07	6.65E-06	5.77
ILMN_2099783	ATP6V1F	0.27	9.72	5.37	5.24E-07	6.70E-06	5.77
ILMN_1789781	PIM3	0.14	6.43	5.37	5.25E-07	6.71E-06	5.76
ILMN_1696021	KPNA6	0.18	8.96	5.37	5.26E-07	6.72E-06	5.76
ILMN_1737252	NRG1	0.22	6.52	5.37	5.28E-07	6.75E-06	5.76
ILMN_3248948	NA	-0.26	7.03	-5.37	5.30E-07	6.77E-06	5.76
ILMN_1701195	PLA2G7	0.68	7.75	5.37	5.31E-07	6.79E-06	5.76
ILMN_3246388	MED14	-0.21	8.00	-5.37	5.31E-07	6.79E-06	5.75
ILMN_1716552	ENAH	0.26	7.14	5.37	5.33E-07	6.80E-06	5.75
ILMN_1805225	LPCAT3	-0.39	8.74	-5.37	5.32E-07	6.80E-06	5.75
ILMN_1825249	NA	-0.19	6.75	-5.37	5.33E-07	6.80E-06	5.75
ILMN_1707156	LRRFIP2	-0.50	8.72	-5.37	5.35E-07	6.82E-06	5.75
ILMN_1655720	CNNM4	-0.39	7.87	-5.37	5.36E-07	6.84E-06	5.74
ILMN_1658333	ECM1	0.22	6.87	5.37	5.37E-07	6.85E-06	5.74
ILMN_2184640	NOLC1	0.24	7.01	5.37	5.39E-07	6.87E-06	5.74
ILMN_1725193	IGFBP2	0.53	7.39	5.36	5.43E-07	6.91E-06	5.73
ILMN_1783593	CCL13	0.89	7.66	5.36	5.43E-07	6.92E-06	5.73
ILMN_2129388	CCSER2	0.25	7.96	5.36	5.44E-07	6.93E-06	5.73
ILMN_1702973	EVA1A	0.21	6.56	5.37	5.46E-07	6.94E-06	5.73
ILMN_1696702	NEO1	-0.29	9.64	-5.36	5.48E-07	6.97E-06	5.72
ILMN_2194106	TSPAN12	-0.23	6.96	-5.36	5.51E-07	7.00E-06	5.72
ILMN_1706571	SLC35D2	-0.36	8.12	-5.36	5.51E-07	7.00E-06	5.72
ILMN_1767934	PCSK5	0.25	7.42	5.36	5.52E-07	7.00E-06	5.72
ILMN_1672611	CDH11	0.46	7.80	5.36	5.53E-07	7.01E-06	5.71
ILMN_2085862	SLC15A3	0.47	8.26	5.36	5.56E-07	7.05E-06	5.71
ILMN_2218604	KLHL41	0.15	6.52	5.36	5.56E-07	7.05E-06	5.71
ILMN_1796407	SS18L2	0.23	10.36	5.36	5.59E-07	7.09E-06	5.70
ILMN_2311779	TMUB2	-0.26	8.33	-5.36	5.63E-07	7.13E-06	5.70
ILMN_2327795	RERE	-0.31	8.14	-5.36	5.63E-07	7.14E-06	5.70
ILMN_1739587	UTY	0.37	6.88	5.36	5.64E-07	7.15E-06	5.70
ILMN_3251506	ZNF69	-0.46	8.50	-5.36	5.65E-07	7.15E-06	5.69
ILMN_3205271	HMGB1	0.34	9.74	5.35	5.71E-07	7.23E-06	5.68
ILMN_2066060	HLA-DRB6	1.12	8.93	5.35	5.73E-07	7.25E-06	5.68
ILMN_1873278	FAM155A	0.21	6.70	5.35	5.74E-07	7.26E-06	5.68
ILMN_2098616	ANXA2R	0.30	7.19	5.35	5.74E-07	7.26E-06	5.68
ILMN_1763207	BATF3	0.23	6.63	5.35	5.79E-07	7.32E-06	5.67
ILMN_1673275	TRAPPC2	-0.26	8.65	-5.35	5.80E-07	7.33E-06	5.67
ILMN_1696048	MEDAG	0.52	6.70	5.35	5.84E-07	7.37E-06	5.66
ILMN_1771966	BCCIP	0.27	8.88	5.35	5.85E-07	7.38E-06	5.66
ILMN_2384591	HN1	-0.31	8.00	-5.35	5.85E-07	7.38E-06	5.67
ILMN_1699856	RALGDS	0.50	9.42	5.35	5.86E-07	7.38E-06	5.66
ILMN_1748476	NOP58	0.25	9.45	5.35	5.86E-07	7.38E-06	5.66

ILMN_1678816	GREM2	0.53	7.22	5.35	5.91E-07	7.45E-06	5.66
ILMN_1807925	GNG2	0.29	7.12	5.34	5.91E-07	7.45E-06	5.65
ILMN_1755582	PCSK1N	-0.24	6.66	-5.34	5.93E-07	7.47E-06	5.65
ILMN_1769705	H3F3C	0.31	9.84	5.34	5.94E-07	7.48E-06	5.64
ILMN_1752249	PIEZO1	0.29	8.92	5.34	5.95E-07	7.49E-06	5.64
ILMN_1679826	CST7	0.25	6.85	5.34	5.96E-07	7.50E-06	5.64
ILMN_1803194	GALK1	0.31	8.46	5.34	5.99E-07	7.54E-06	5.64
ILMN_1652677	FAM89A	0.17	6.71	5.34	6.02E-07	7.56E-06	5.63
ILMN_1726783	RNASEH1	0.21	8.37	5.34	6.02E-07	7.56E-06	5.63
ILMN_3307782	FBXL18	-0.24	7.83	-5.34	6.02E-07	7.56E-06	5.63
ILMN_1904628	NA	0.38	7.17	5.34	6.03E-07	7.57E-06	5.64
ILMN_3243744	EAPP	-0.41	8.43	-5.34	6.03E-07	7.57E-06	5.64
ILMN_1802456	DCTD	0.26	8.60	5.34	6.04E-07	7.58E-06	5.63
ILMN_1658498	SLC44A3	-0.40	8.52	-5.34	6.06E-07	7.60E-06	5.63
ILMN_1773079	COL3A1	0.62	11.06	5.34	6.07E-07	7.62E-06	5.62
ILMN_1776014	NA	0.66	6.93	5.34	6.08E-07	7.62E-06	5.62
ILMN_1760628	RABL6	-0.28	7.40	-5.34	6.11E-07	7.66E-06	5.62
ILMN_1782551	E2F5	0.33	7.59	5.34	6.16E-07	7.72E-06	5.62
ILMN_1801101	ZBTB48	-0.26	7.91	-5.33	6.18E-07	7.73E-06	5.61
ILMN_1711383	STK4	0.42	9.83	5.33	6.21E-07	7.77E-06	5.60
ILMN_1738347	RNPEP	-0.34	8.85	-5.33	6.22E-07	7.79E-06	5.60
ILMN_1674380	TRPC1	0.21	6.81	5.33	6.25E-07	7.81E-06	5.60
ILMN_1750088	VRK2	0.19	6.94	5.33	6.25E-07	7.81E-06	5.60
ILMN_3240308	C3	0.31	6.82	5.33	6.25E-07	7.81E-06	5.60
ILMN_1751161	COL7A1	0.53	7.87	5.33	6.25E-07	7.82E-06	5.59
ILMN_1701749	UQCRFS1	-0.32	11.43	-5.33	6.26E-07	7.82E-06	5.59
ILMN_1658709	LAMB1	0.30	9.16	5.33	6.28E-07	7.84E-06	5.59
ILMN_1764321	ACOT4	-0.25	7.10	-5.33	6.28E-07	7.84E-06	5.59
ILMN_2109197	EPB41L3	-0.38	8.67	-5.33	6.31E-07	7.87E-06	5.59
ILMN_2317580	SHANK3	0.36	7.56	5.33	6.35E-07	7.92E-06	5.58
ILMN_1784948	SPOCD1	0.20	6.46	5.33	6.42E-07	8.00E-06	5.57
ILMN_1776925	PRSS22	0.22	6.57	5.32	6.43E-07	8.01E-06	5.57
ILMN_1720865	OSBPL7	-0.43	9.03	-5.32	6.47E-07	8.06E-06	5.56
ILMN_1741391	RALGAPA1	-0.23	8.51	-5.32	6.49E-07	8.08E-06	5.56
ILMN_1750961	TM6SF1	0.19	6.72	5.32	6.50E-07	8.10E-06	5.56
ILMN_1660199	ACAA2	-0.48	9.62	-5.32	6.51E-07	8.10E-06	5.56
ILMN_1802082	PRDM8	0.22	6.96	5.32	6.52E-07	8.12E-06	5.55
ILMN_3243961	ZNF252P	-0.31	8.64	-5.32	6.54E-07	8.14E-06	5.55
ILMN_1679268	PELI1	0.33	8.46	5.32	6.56E-07	8.15E-06	5.55
ILMN_3241087	INPP5J	-0.19	6.66	-5.32	6.56E-07	8.15E-06	5.55
ILMN_1665831	CLPTM1	-0.23	8.64	-5.32	6.57E-07	8.16E-06	5.55
ILMN_1711988	KCNK12	0.44	6.89	5.32	6.60E-07	8.20E-06	5.54
ILMN_1741200	RFX5	0.36	8.85	5.32	6.61E-07	8.21E-06	5.54
ILMN_1677466	DUSP6	0.20	6.81	5.32	6.62E-07	8.21E-06	5.54
ILMN_1705302	FCGRT	-0.45	10.02	-5.32	6.63E-07	8.23E-06	5.54
ILMN_1801953	IHH	-0.24	6.97	-5.32	6.64E-07	8.23E-06	5.54
ILMN_1656807	RPL27	0.18	12.32	5.32	6.68E-07	8.28E-06	5.53
ILMN_1772486	ELF2	-0.16	6.79	-5.32	6.69E-07	8.29E-06	5.53

ILMN_1810977	CDV3	0.37	9.43	5.31	6.70E-07	8.31E-06	5.53
ILMN_1714383	TPD52L1	0.33	7.20	5.31	6.71E-07	8.31E-06	5.53
ILMN_1780700	GUSBP2	-0.18	6.79	-5.31	6.75E-07	8.35E-06	5.52
ILMN_1675117	HSD17B11	-0.46	8.23	-5.31	6.78E-07	8.39E-06	5.52
ILMN_1911503	NA	-0.26	7.60	-5.31	6.79E-07	8.40E-06	5.52
ILMN_1789233	VPS37C	-0.19	9.88	-5.31	6.83E-07	8.44E-06	5.51
ILMN_1796244	CD2BP2	0.19	9.32	5.31	6.86E-07	8.48E-06	5.51
ILMN_2412294	GNB5	0.24	6.82	5.31	6.88E-07	8.51E-06	5.50
ILMN_1693552	CD300A	0.21	6.72	5.31	6.97E-07	8.61E-06	5.49
ILMN_1688642	LAMC3	0.39	7.12	5.31	6.98E-07	8.62E-06	5.49
ILMN_1810441	TRIM3	-0.16	6.82	-5.31	6.99E-07	8.63E-06	5.49
ILMN_1751785	DMRT2	-0.34	6.83	-5.30	7.01E-07	8.65E-06	5.49
ILMN_2372136	P4HTM	-0.25	7.55	-5.31	7.01E-07	8.65E-06	5.49
ILMN_1682428	HENMT1	0.38	8.44	5.30	7.02E-07	8.66E-06	5.48
ILMN_1712400	SERPINB6	0.40	11.03	5.30	7.06E-07	8.71E-06	5.48
ILMN_1682661	BMP3	-0.23	6.60	-5.30	7.09E-07	8.74E-06	5.47
ILMN_2044027	NCOR1P1	-0.24	7.96	-5.30	7.11E-07	8.76E-06	5.47
ILMN_1663512	COX5B	-0.38	12.00	-5.30	7.12E-07	8.77E-06	5.47
ILMN_1717877	IVNS1ABP	-0.35	9.52	-5.30	7.12E-07	8.77E-06	5.47
ILMN_1675937	ANKRD9	-0.22	6.82	-5.30	7.17E-07	8.82E-06	5.46
ILMN_1684663	ZDHC13	-0.22	7.82	-5.30	7.17E-07	8.82E-06	5.46
ILMN_1666503	DENND2A	-0.58	8.69	-5.30	7.19E-07	8.84E-06	5.46
ILMN_2083243	MNAT1	0.18	6.83	5.30	7.20E-07	8.85E-06	5.46
ILMN_2090105	TAGLN2	0.33	9.98	5.30	7.25E-07	8.91E-06	5.45
ILMN_1658660	ACTC1	0.27	6.43	5.30	7.26E-07	8.92E-06	5.45
ILMN_1761912	MGAT1	0.25	8.81	5.29	7.33E-07	9.00E-06	5.44
ILMN_2044085	RQCD1	0.20	7.16	5.29	7.34E-07	9.01E-06	5.44
ILMN_1710734	GZMK	0.58	7.37	5.29	7.36E-07	9.03E-06	5.44
ILMN_1838313	LRRRC8B	0.24	8.46	5.29	7.37E-07	9.04E-06	5.44
ILMN_1702407	SPIN1	-0.20	7.47	-5.29	7.39E-07	9.07E-06	5.43
ILMN_2222317	DNAJB4	0.24	6.89	5.29	7.42E-07	9.10E-06	5.43
ILMN_1768662	UCK2	-0.24	7.41	-5.29	7.44E-07	9.11E-06	5.43
ILMN_1727813	MPC2	-0.30	9.42	-5.29	7.48E-07	9.16E-06	5.42
ILMN_1779234	CXCL6	0.45	6.77	5.29	7.48E-07	9.16E-06	5.42
ILMN_1794038	FAM49A	0.25	6.76	5.29	7.49E-07	9.17E-06	5.42
ILMN_3235718	GUSBP11	-0.19	6.92	-5.29	7.50E-07	9.17E-06	5.42
ILMN_3241798	SNORA41	0.20	6.92	5.29	7.53E-07	9.21E-06	5.42
ILMN_1792076	TRERF1	0.12	6.63	5.29	7.54E-07	9.22E-06	5.41
ILMN_1665877	RNF149	0.23	10.00	5.29	7.56E-07	9.24E-06	5.41
ILMN_1677603	C1S	0.24	6.83	5.29	7.58E-07	9.26E-06	5.41
ILMN_1804461	MYH14	-0.34	7.46	-5.29	7.61E-07	9.29E-06	5.41
ILMN_3306950	CDK10	-0.25	7.02	-5.28	7.69E-07	9.39E-06	5.40
ILMN_1762899	EGR1	0.99	9.58	5.28	7.74E-07	9.44E-06	5.39
ILMN_1713934	LITAF	-0.29	11.25	-5.28	7.77E-07	9.48E-06	5.39
ILMN_1676822	C2orf40	0.40	6.94	5.28	7.78E-07	9.48E-06	5.38
ILMN_1796490	GRINA	0.33	7.73	5.28	7.82E-07	9.53E-06	5.38
ILMN_1687084	EOGT	0.21	7.06	5.28	7.82E-07	9.54E-06	5.38
ILMN_1672589	SEMA4B	0.39	8.68	5.28	7.86E-07	9.57E-06	5.37

ILMN_1815158	GPS2	-0.23	7.58	-5.28	7.88E-07	9.59E-06	5.37
ILMN_1669773	ANGPTL1	0.20	6.56	5.28	7.89E-07	9.61E-06	5.37
ILMN_1813766	RCL1	0.18	6.84	5.28	7.91E-07	9.63E-06	5.37
ILMN_1699160	ITK	0.49	7.38	5.28	7.93E-07	9.64E-06	5.37
ILMN_1739222	ETV5	0.27	7.02	5.27	8.00E-07	9.72E-06	5.36
ILMN_3256868	RBMX	0.17	7.12	5.27	8.00E-07	9.72E-06	5.36
ILMN_1792506	PLA1A	0.19	6.68	5.28	8.04E-07	9.77E-06	5.36
ILMN_1907834	NA	-0.37	8.11	-5.27	8.04E-07	9.77E-06	5.35
ILMN_2358457	ATF4	0.22	7.67	5.27	8.04E-07	9.77E-06	5.35
ILMN_1663113	TTLL12	-0.33	8.27	-5.27	8.06E-07	9.78E-06	5.35
ILMN_1776674	SAC3D1	-0.25	7.68	-5.27	8.12E-07	9.86E-06	5.34
ILMN_1729980	RNF216	0.22	7.51	5.27	8.18E-07	9.92E-06	5.34
ILMN_1688295	ZNF219	-0.25	7.42	-5.27	8.23E-07	9.98E-06	5.33
ILMN_1744949	RHOBTB3	0.36	8.64	5.26	8.30E-07	1.01E-05	5.32
ILMN_1665526	TCEA2	0.17	6.87	5.26	8.35E-07	1.01E-05	5.32
ILMN_1731073	CAPN9	-0.60	8.95	-5.26	8.36E-07	1.01E-05	5.32
ILMN_3287244	KIAA2013	-0.27	8.88	-5.26	8.38E-07	1.02E-05	5.31
ILMN_1667260	MAPK3	-0.39	9.97	-5.27	8.39E-07	1.02E-05	5.32
ILMN_2175465	RSL24D1	0.21	10.07	5.26	8.48E-07	1.03E-05	5.31
ILMN_1770653	MAL2	-0.45	10.08	-5.26	8.51E-07	1.03E-05	5.30
ILMN_1761981	FAM96A	-0.29	10.35	-5.26	8.53E-07	1.03E-05	5.30
ILMN_1673950	NA	-0.27	6.97	-5.26	8.55E-07	1.03E-05	5.29
ILMN_1691151	CHKA	-0.26	7.50	-5.26	8.62E-07	1.04E-05	5.29
ILMN_1802669	PPP3CB	0.22	8.64	5.26	8.65E-07	1.04E-05	5.28
ILMN_1696243	STMND1	-0.22	6.83	-5.25	8.67E-07	1.05E-05	5.28
ILMN_2318011	PSMA3	0.32	8.21	5.25	8.67E-07	1.05E-05	5.28
ILMN_1721758	ID4	0.13	6.37	5.25	8.69E-07	1.05E-05	5.28
ILMN_1765523	TOLLIP	-0.21	7.16	-5.25	8.73E-07	1.05E-05	5.27
ILMN_1715175	MET	0.34	8.11	5.25	8.86E-07	1.07E-05	5.26
ILMN_2380938	SYT7	-0.45	7.90	-5.25	8.86E-07	1.07E-05	5.26
ILMN_2405642	DHDDS	-0.32	8.13	-5.25	8.86E-07	1.07E-05	5.26
ILMN_1791144	NA	-0.23	7.06	-5.25	8.91E-07	1.07E-05	5.25
ILMN_1704084	CMAHP	-0.44	7.55	-5.25	8.94E-07	1.08E-05	5.25
ILMN_1725791	HACD1	0.26	6.83	5.25	8.95E-07	1.08E-05	5.25
ILMN_1777411	ATP1A2	0.22	6.51	5.25	8.99E-07	1.08E-05	5.24
ILMN_1722781	EGR3	0.29	6.53	5.24	9.04E-07	1.09E-05	5.24
ILMN_1685690	KDM5D	0.73	7.37	5.24	9.05E-07	1.09E-05	5.24
ILMN_1796669	PSEN1	-0.18	7.07	-5.24	9.05E-07	1.09E-05	5.24
ILMN_2287276	FAM177A1	-0.24	7.59	-5.24	9.06E-07	1.09E-05	5.24
ILMN_1653599	ATP5D	-0.35	10.34	-5.24	9.06E-07	1.09E-05	5.24
ILMN_1653709	TIMM9	0.25	8.12	5.24	9.07E-07	1.09E-05	5.24
ILMN_1709094	LIFR	0.24	7.00	5.24	9.12E-07	1.09E-05	5.23
ILMN_1692742	DENND3	0.22	7.04	5.24	9.14E-07	1.10E-05	5.23
ILMN_3239435	HTT	-0.17	6.91	-5.24	9.17E-07	1.10E-05	5.23
ILMN_1755383	LRRC1	-0.41	10.38	-5.24	9.18E-07	1.10E-05	5.23
ILMN_1742089	NLN	-0.21	6.91	-5.24	9.19E-07	1.10E-05	5.22
ILMN_2062620	NMT2	-0.20	6.79	-5.24	9.19E-07	1.10E-05	5.22
ILMN_1685678	EEF1B2	-0.30	8.21	-5.24	9.20E-07	1.10E-05	5.22

ILMN_1792551	MROH7	-0.27	6.88	-5.24	9.22E-07	1.10E-05	5.22
ILMN_3235964	HSPA7	0.21	6.91	5.24	9.22E-07	1.10E-05	5.22
ILMN_1671257	DKC1	0.23	9.52	5.24	9.29E-07	1.11E-05	5.21
ILMN_1781155	LYN	0.53	9.18	5.24	9.31E-07	1.11E-05	5.21
ILMN_1733861	ARHGEF11	-0.16	6.85	-5.24	9.32E-07	1.11E-05	5.21
ILMN_1672807	CA5B	0.17	6.74	5.24	9.35E-07	1.12E-05	5.21
ILMN_1680132	CADM1	0.33	7.26	5.24	9.34E-07	1.12E-05	5.21
ILMN_2181968	CBL	0.26	7.55	5.24	9.35E-07	1.12E-05	5.21
ILMN_1803197	RAB3IP	-0.25	8.80	-5.23	9.47E-07	1.13E-05	5.20
ILMN_2058468	BACH2	0.31	6.63	5.23	9.48E-07	1.13E-05	5.19
ILMN_2410986	STAT3	0.31	8.09	5.24	9.52E-07	1.14E-05	5.20
ILMN_1829555	LCE6A	-0.96	9.23	-5.23	9.65E-07	1.15E-05	5.18
ILMN_2388975	CERK	-0.28	8.72	-5.23	9.70E-07	1.16E-05	5.17
ILMN_2405470	KLHDC9	-0.19	6.74	-5.23	9.77E-07	1.16E-05	5.17
ILMN_1707804	NA	-0.37	8.09	-5.23	9.86E-07	1.17E-05	5.16
ILMN_1730433	CD2AP	-0.38	8.15	-5.22	9.86E-07	1.17E-05	5.16
ILMN_1722716	SLC17A1	-0.28	6.86	-5.22	1.01E-06	1.20E-05	5.14
ILMN_1726153	NA	0.22	6.63	5.22	1.02E-06	1.21E-05	5.13
ILMN_2202948	BUB1	0.33	7.00	5.22	1.02E-06	1.21E-05	5.13
ILMN_1654060	MKNK2	-0.25	7.45	-5.22	1.02E-06	1.21E-05	5.13
ILMN_1807448	FAM8A1	-0.26	7.77	-5.22	1.02E-06	1.21E-05	5.13
ILMN_3251132	TMOD2	0.14	6.69	5.22	1.02E-06	1.21E-05	5.13
ILMN_2065690	GRAMD3	-0.37	8.63	-5.22	1.02E-06	1.21E-05	5.13
ILMN_3238785	SNHG9	0.29	8.05	5.22	1.02E-06	1.22E-05	5.12
ILMN_1796409	C1QB	0.98	9.51	5.21	1.04E-06	1.23E-05	5.11
ILMN_1657857	TMEM14C	-0.26	9.99	-5.21	1.05E-06	1.24E-05	5.10
ILMN_1723165	NA	-0.18	6.76	-5.21	1.05E-06	1.25E-05	5.10
ILMN_1740923	SLC52A3	-0.28	7.17	-5.21	1.05E-06	1.25E-05	5.10
ILMN_1745623	CRACR2B	-0.50	8.79	-5.21	1.06E-06	1.25E-05	5.09
ILMN_1758067	RGS4	0.19	6.64	5.21	1.06E-06	1.26E-05	5.09
ILMN_1770850	PNMA1	0.26	6.96	5.21	1.06E-06	1.26E-05	5.09
ILMN_1691090	MPV17	0.20	7.75	5.20	1.08E-06	1.28E-05	5.07
ILMN_2388070	TMEM44	-0.31	7.53	-5.21	1.08E-06	1.28E-05	5.07
ILMN_1798454	MAD2L1BP	-0.25	7.74	-5.20	1.08E-06	1.28E-05	5.06
ILMN_1702419	SLC35D3	0.24	6.41	5.20	1.09E-06	1.29E-05	5.06
ILMN_2365465	XBP1	0.53	11.00	5.20	1.09E-06	1.29E-05	5.06
ILMN_1728426	INPPL1	-0.25	8.17	-5.20	1.10E-06	1.30E-05	5.05
ILMN_1800447	PHKB	-0.22	8.74	-5.20	1.11E-06	1.31E-05	5.04
ILMN_1838655	NA	-0.15	6.69	-5.20	1.11E-06	1.31E-05	5.04
ILMN_3307887	PRR14L	-0.18	9.10	-5.20	1.11E-06	1.32E-05	5.04
ILMN_1802380	RERE	-0.36	9.05	-5.19	1.12E-06	1.33E-05	5.03
ILMN_1684554	COL16A1	0.38	8.21	5.19	1.12E-06	1.33E-05	5.03
ILMN_2301624	MACF1	0.26	8.69	5.19	1.13E-06	1.33E-05	5.03
ILMN_1672596	BCAR1	-0.21	7.07	-5.19	1.13E-06	1.33E-05	5.02
ILMN_3234920	NA	-0.19	6.97	-5.20	1.13E-06	1.33E-05	5.03
ILMN_2290118	MEGF9	0.18	6.66	5.19	1.13E-06	1.34E-05	5.02
ILMN_1673181	SNORD100	0.16	6.76	5.19	1.14E-06	1.34E-05	5.02
ILMN_2263718	SPAG9	0.29	8.53	5.19	1.15E-06	1.35E-05	5.01

ILMN_1758811	IMPA1	-0.38	8.79	-5.19	1.15E-06	1.35E-05	5.01
ILMN_1669523	FOS	1.21	10.11	5.19	1.15E-06	1.36E-05	5.00
ILMN_1801246	IFITM1	0.51	9.29	5.19	1.15E-06	1.36E-05	5.00
ILMN_2313672	IL1RL1	0.48	6.51	5.19	1.15E-06	1.36E-05	5.00
ILMN_3240900	NA	0.21	6.53	5.19	1.15E-06	1.36E-05	5.00
ILMN_2320513	APBB3	-0.26	7.67	-5.19	1.16E-06	1.36E-05	5.00
ILMN_1796339	PLEKHA2	0.43	8.39	5.19	1.16E-06	1.36E-05	5.01
ILMN_3239965	IDO1	0.51	7.04	5.18	1.17E-06	1.38E-05	4.99
ILMN_1771411	ALG6	-0.17	8.11	-5.18	1.17E-06	1.38E-05	4.99
ILMN_1678922	HERC4	0.30	8.63	5.18	1.17E-06	1.38E-05	4.99
ILMN_1761963	ABHD18	-0.19	7.29	-5.18	1.18E-06	1.38E-05	4.99
ILMN_2304495	PPP1R1B	-0.51	10.90	-5.18	1.18E-06	1.39E-05	4.98
ILMN_1759436	NOSIP	-0.27	9.43	-5.18	1.19E-06	1.40E-05	4.98
ILMN_1765310	TCEAL2	0.33	6.77	5.18	1.19E-06	1.40E-05	4.97
ILMN_1815346	TMEM136	0.15	6.55	5.18	1.19E-06	1.40E-05	4.97
ILMN_3259509	C11orf86	-0.26	6.77	-5.18	1.19E-06	1.40E-05	4.97
ILMN_3187362	NA	0.21	6.59	5.18	1.19E-06	1.40E-05	4.97
ILMN_1757210	CALML4	-0.41	10.47	-5.18	1.19E-06	1.40E-05	4.97
ILMN_1760143	ADRM1	0.22	8.99	5.18	1.19E-06	1.40E-05	4.97
ILMN_1705442	CMTM3	0.37	7.99	5.18	1.19E-06	1.40E-05	4.97
ILMN_1759772	LRRCS5	-0.18	6.86	-5.18	1.20E-06	1.41E-05	4.96
ILMN_2392043	SPI1	0.33	7.01	5.17	1.21E-06	1.42E-05	4.95
ILMN_1790562	EYA3	0.18	6.51	5.17	1.22E-06	1.42E-05	4.95
ILMN_1805606	PLEKHG1	0.21	7.07	5.18	1.22E-06	1.42E-05	4.96
ILMN_2408683	PLPP3	0.33	7.52	5.17	1.22E-06	1.43E-05	4.95
ILMN_1742269	NA	-0.21	7.06	-5.17	1.22E-06	1.43E-05	4.95
ILMN_1767662	CERS6	-0.48	10.18	-5.17	1.23E-06	1.43E-05	4.94
ILMN_1761445	TPBGL	-0.51	7.57	-5.17	1.23E-06	1.44E-05	4.94
ILMN_2355559	PSAP	0.22	11.88	5.17	1.23E-06	1.44E-05	4.94
ILMN_1777449	IFT74	-0.29	7.82	-5.17	1.24E-06	1.44E-05	4.94
ILMN_1751072	SRPRB	0.25	8.78	5.17	1.24E-06	1.45E-05	4.93
ILMN_1673880	EFEMP1	0.30	6.77	5.17	1.24E-06	1.45E-05	4.93
ILMN_1704985	CYP27A1	-0.46	8.44	-5.17	1.25E-06	1.45E-05	4.93
ILMN_3207933	ABCE1	0.27	7.93	5.17	1.25E-06	1.45E-05	4.93
ILMN_1806010	CUL9	-0.19	7.16	-5.17	1.25E-06	1.45E-05	4.93
ILMN_1742238	SET	0.22	10.58	5.17	1.25E-06	1.46E-05	4.93
ILMN_1670532	GMCL1	-0.24	7.78	-5.17	1.25E-06	1.46E-05	4.93
ILMN_2367070	ACOT9	0.27	7.38	5.17	1.26E-06	1.46E-05	4.92
ILMN_1738736	SNX4	-0.23	8.36	-5.17	1.26E-06	1.47E-05	4.92
ILMN_2188333	CD69	0.67	7.49	5.16	1.27E-06	1.48E-05	4.91
ILMN_1799725	DOCK2	0.62	8.39	5.16	1.28E-06	1.49E-05	4.91
ILMN_1743232	MICALCL	-0.36	7.64	-5.16	1.28E-06	1.49E-05	4.90
ILMN_1771870	FAM98C	-0.19	7.06	-5.16	1.29E-06	1.50E-05	4.90
ILMN_2222234	PRDX4	0.39	9.63	5.16	1.29E-06	1.50E-05	4.90
ILMN_1775822	PDGFB	0.18	6.74	5.16	1.30E-06	1.51E-05	4.89
ILMN_1692261	EPHB1	0.18	6.45	5.16	1.30E-06	1.51E-05	4.89
ILMN_2304186	MITF	0.18	6.67	5.16	1.32E-06	1.53E-05	4.88
ILMN_2148785	GBP1	0.56	8.10	5.15	1.32E-06	1.53E-05	4.87

ILMN_1664922	FLNB	-0.36	10.86	-5.15	1.32E-06	1.54E-05	4.87
ILMN_1666372	ATP5H	-0.20	11.46	-5.15	1.33E-06	1.54E-05	4.87
ILMN_1713402	FAM160A2	-0.32	8.32	-5.15	1.34E-06	1.55E-05	4.86
ILMN_1715647	VANGL2	-0.35	7.42	-5.15	1.34E-06	1.55E-05	4.86
ILMN_1814701	COL9A1	-0.18	6.50	-5.15	1.35E-06	1.57E-05	4.85
ILMN_1762561	PLA2G10	-0.56	10.97	-5.15	1.36E-06	1.57E-05	4.85
ILMN_1815570	HOXA6	-0.19	6.85	-5.15	1.36E-06	1.58E-05	4.84
ILMN_1691119	RNF122	0.25	6.89	5.15	1.37E-06	1.58E-05	4.84
ILMN_3204734	STAG3L5P-P'	-0.31	10.01	-5.15	1.37E-06	1.59E-05	4.84
ILMN_1754660	ZCCHC24	0.29	7.52	5.14	1.38E-06	1.59E-05	4.83
ILMN_1797342	FNBP1	0.35	9.95	5.14	1.38E-06	1.60E-05	4.83
ILMN_1715463	SOSTDC1	-0.45	7.37	-5.14	1.39E-06	1.60E-05	4.83
ILMN_1720181	CLSTN1	-0.21	6.85	-5.14	1.39E-06	1.60E-05	4.83
ILMN_2379130	IRAK1	0.26	9.26	5.14	1.40E-06	1.61E-05	4.82
ILMN_1661776	CENPJ	-0.23	7.34	-5.14	1.40E-06	1.62E-05	4.82
ILMN_1656184	NA	-0.23	7.17	-5.14	1.41E-06	1.63E-05	4.81
ILMN_1704873	TCEB1	0.31	7.79	5.14	1.41E-06	1.63E-05	4.81
ILMN_3305273	PSAT1	0.19	6.55	5.14	1.41E-06	1.63E-05	4.81
ILMN_1659936	PPP1R15A	0.55	8.98	5.14	1.42E-06	1.63E-05	4.81
ILMN_1811049	POU2AF1	0.64	7.44	5.14	1.42E-06	1.64E-05	4.80
ILMN_1788489	HIST1H3F	-0.18	6.73	-5.14	1.42E-06	1.64E-05	4.80
ILMN_2343563	ANAPC11	-0.18	7.41	-5.14	1.43E-06	1.64E-05	4.80
ILMN_1862217	APH1B	0.24	7.26	5.14	1.43E-06	1.64E-05	4.80
ILMN_2139035	CASD1	-0.30	7.36	-5.14	1.43E-06	1.64E-05	4.80
ILMN_1808299	IQSEC1	0.21	7.27	5.14	1.43E-06	1.65E-05	4.80
ILMN_1700628	DDX24	0.22	8.77	5.13	1.44E-06	1.65E-05	4.79
ILMN_1784256	HDGFRP3	0.22	6.82	5.13	1.44E-06	1.66E-05	4.79
ILMN_1765872	SIPA1L3	-0.17	6.90	-5.13	1.45E-06	1.66E-05	4.79
ILMN_1723412	ASCL2	-0.57	7.97	-5.13	1.45E-06	1.66E-05	4.78
ILMN_1768396	AURKAIP1	-0.23	10.35	-5.13	1.45E-06	1.66E-05	4.78
ILMN_1738217	NA	-0.18	6.98	-5.13	1.45E-06	1.67E-05	4.78
ILMN_1671374	C19orf53	0.20	8.60	5.13	1.46E-06	1.67E-05	4.78
ILMN_1699931	HCST	0.59	8.73	5.13	1.46E-06	1.67E-05	4.78
ILMN_2167416	MR1	0.20	6.79	5.13	1.46E-06	1.67E-05	4.78
ILMN_1804673	SLC16A4	0.20	6.69	5.13	1.47E-06	1.68E-05	4.77
ILMN_3192001	NA	0.34	8.37	5.13	1.48E-06	1.70E-05	4.76
ILMN_1746618	PAQR7	0.18	6.71	5.13	1.49E-06	1.70E-05	4.76
ILMN_1700549	ERLIN2	-0.21	8.01	-5.12	1.50E-06	1.72E-05	4.75
ILMN_1741491	ZNHIT1	-0.28	9.41	-5.12	1.50E-06	1.72E-05	4.75
ILMN_1741264	MRPS33	-0.27	9.36	-5.13	1.51E-06	1.72E-05	4.75
ILMN_1666206	GSDMB	-0.48	9.99	-5.13	1.51E-06	1.73E-05	4.75
ILMN_1657983	TERF2IP	0.26	8.11	5.12	1.51E-06	1.73E-05	4.74
ILMN_2143685	CLDN7	-0.59	11.03	-5.12	1.51E-06	1.73E-05	4.74
ILMN_1700384	KIAA1522	-0.40	8.50	-5.12	1.52E-06	1.74E-05	4.74
ILMN_1737462	OXR1	-0.23	8.95	-5.12	1.53E-06	1.74E-05	4.74
ILMN_1669940	TMEM38B	-0.28	7.49	-5.12	1.55E-06	1.77E-05	4.72
ILMN_1809951	ZNF200	0.14	6.94	5.12	1.55E-06	1.77E-05	4.72
ILMN_2410145	NR4A1	0.18	6.37	5.12	1.55E-06	1.77E-05	4.72

ILMN_1770719	CLUH	-0.28	7.73	-5.12	1.55E-06	1.77E-05	4.72
ILMN_2176502	UNC5B	-0.20	6.78	-5.12	1.56E-06	1.77E-05	4.72
ILMN_1775224	NOS3	0.20	6.68	5.11	1.56E-06	1.78E-05	4.71
ILMN_1655740	SNAI2	0.26	7.14	5.11	1.56E-06	1.78E-05	4.71
ILMN_1703132	LYRM2	-0.25	8.37	-5.11	1.56E-06	1.78E-05	4.71
ILMN_2181191	TPI1	-0.35	10.73	-5.11	1.56E-06	1.78E-05	4.71
ILMN_1653529	TEX10	0.20	7.28	5.11	1.58E-06	1.79E-05	4.70
ILMN_1719876	KIAA1804	-0.19	6.77	-5.11	1.58E-06	1.79E-05	4.70
ILMN_2187830	CCNH	0.27	7.63	5.11	1.58E-06	1.79E-05	4.70
ILMN_1743049	PWP1	0.21	8.53	5.11	1.58E-06	1.80E-05	4.70
ILMN_1683065	COA5	-0.25	8.50	-5.11	1.60E-06	1.82E-05	4.69
ILMN_1789186	OBFC1	0.23	8.16	5.11	1.60E-06	1.82E-05	4.69
ILMN_1807234	ZNF700	-0.22	7.41	-5.11	1.60E-06	1.82E-05	4.69
ILMN_2147105	NA	-0.52	9.47	-5.11	1.60E-06	1.82E-05	4.69
ILMN_3241524	ZBTB22	-0.18	8.00	-5.11	1.61E-06	1.83E-05	4.68
ILMN_3242603	GTF2H2B	-0.29	7.84	-5.11	1.62E-06	1.84E-05	4.68
ILMN_1753608	TMEM131	-0.24	10.71	-5.11	1.62E-06	1.84E-05	4.68
ILMN_3238707	SNORA8	0.20	7.03	5.10	1.63E-06	1.85E-05	4.67
ILMN_2203271	FPR3	0.41	7.28	5.10	1.64E-06	1.85E-05	4.67
ILMN_2274180	MKKS	-0.21	7.31	-5.10	1.64E-06	1.86E-05	4.67
ILMN_1675947	MT3	-0.21	6.54	-5.10	1.66E-06	1.88E-05	4.66
ILMN_1855278	NA	0.37	8.45	5.10	1.66E-06	1.88E-05	4.65
ILMN_1746948	MYL5	-0.35	7.47	-5.10	1.67E-06	1.89E-05	4.65
ILMN_1667748	ANKRD33	-0.26	8.00	-5.10	1.67E-06	1.89E-05	4.65
ILMN_1700024	UST	0.21	6.80	5.10	1.67E-06	1.89E-05	4.65
ILMN_1716583	NME7	0.22	6.98	5.10	1.67E-06	1.89E-05	4.65
ILMN_1757186	GIMAP1	0.15	6.61	5.10	1.69E-06	1.91E-05	4.64
ILMN_1679178	ATP5D	-0.21	7.20	-5.09	1.70E-06	1.92E-05	4.63
ILMN_1670439	FYTTD1	0.28	7.96	5.09	1.71E-06	1.93E-05	4.63
ILMN_1806434	PAQR5	-0.24	6.96	-5.09	1.72E-06	1.94E-05	4.62
ILMN_1779751	C7orf55	-0.24	7.29	-5.09	1.72E-06	1.95E-05	4.62
ILMN_1708348	ADAM8	0.23	6.71	5.09	1.73E-06	1.95E-05	4.62
ILMN_1733511	GOLGA3	-0.20	10.21	-5.09	1.73E-06	1.95E-05	4.62
ILMN_1715417	SELP	0.14	6.41	5.09	1.74E-06	1.96E-05	4.61
ILMN_1767142	ZNF280D	0.22	7.22	5.09	1.74E-06	1.97E-05	4.61
ILMN_1772132	ATP5B	-0.22	13.29	-5.09	1.75E-06	1.97E-05	4.60
ILMN_1692100	ZNF35	0.19	7.05	5.09	1.76E-06	1.98E-05	4.60
ILMN_1808783	STRBP	-0.19	8.02	-5.09	1.76E-06	1.98E-05	4.60
ILMN_1800750	ZNF692	-0.19	7.18	-5.08	1.77E-06	1.99E-05	4.59
ILMN_1778242	CALM1	-0.24	11.41	-5.08	1.78E-06	2.01E-05	4.59
ILMN_1723678	PRPH	0.40	6.92	5.08	1.79E-06	2.01E-05	4.58
ILMN_2242463	CTSC	0.48	9.45	5.08	1.79E-06	2.01E-05	4.58
ILMN_1662719	GPBP1L1	-0.23	7.90	-5.08	1.79E-06	2.01E-05	4.58
ILMN_1785660	SRPRA	0.22	7.69	5.08	1.79E-06	2.01E-05	4.58
ILMN_1678143	ARHGDI3	0.63	10.90	5.08	1.79E-06	2.01E-05	4.58
ILMN_2374449	SPP1	0.38	6.79	5.08	1.79E-06	2.01E-05	4.58
ILMN_1715476	NA	-0.52	10.23	-5.08	1.79E-06	2.01E-05	4.58
ILMN_3237779	TMEM184C	-0.16	7.53	-5.08	1.80E-06	2.02E-05	4.58

ILMN_1756784	NCS1	0.28	6.93	5.08	1.81E-06	2.03E-05	4.57
ILMN_1810922	PCNT	-0.20	8.31	-5.08	1.82E-06	2.04E-05	4.57
ILMN_3241046	MYBL1	0.25	6.68	5.08	1.82E-06	2.04E-05	4.56
ILMN_1785644	AP5S1	-0.17	7.12	-5.08	1.83E-06	2.05E-05	4.56
ILMN_1668924	BEGAIN	-0.19	6.60	-5.08	1.84E-06	2.06E-05	4.56
ILMN_1738272	DHX36	0.24	7.75	5.07	1.86E-06	2.08E-05	4.55
ILMN_1754842	DLGAP4	0.20	7.41	5.07	1.86E-06	2.08E-05	4.55
ILMN_1763011	SUGCT	-0.25	6.91	-5.08	1.86E-06	2.08E-05	4.55
ILMN_1739985	TAGAP	0.22	6.52	5.07	1.87E-06	2.09E-05	4.54
ILMN_1676663	TNFRSF11B	0.52	6.91	5.07	1.87E-06	2.10E-05	4.54
ILMN_1713978	SDF2	-0.20	9.48	-5.07	1.89E-06	2.12E-05	4.53
ILMN_1711748	PLTP	0.18	6.65	5.07	1.92E-06	2.14E-05	4.52
ILMN_1721868	KPNA2	0.30	7.31	5.07	1.92E-06	2.15E-05	4.52
ILMN_1723505	GPRIN2	-0.18	6.59	-5.06	1.93E-06	2.15E-05	4.51
ILMN_1782938	SLC16A10	0.39	6.96	5.06	1.93E-06	2.15E-05	4.51
ILMN_1739594	ACOT11	-0.48	8.82	-5.06	1.94E-06	2.17E-05	4.50
ILMN_3245625	RFX7	0.23	8.44	5.06	1.94E-06	2.17E-05	4.50
ILMN_1668986	PRELID2	-0.16	6.53	-5.06	1.95E-06	2.17E-05	4.51
ILMN_1809522	NACC2	0.16	6.64	5.06	1.95E-06	2.18E-05	4.50
ILMN_1723042	CLDN3	-0.51	10.22	-5.06	1.95E-06	2.18E-05	4.50
ILMN_1800197	MRPL36	0.25	9.34	5.06	1.95E-06	2.18E-05	4.50
ILMN_2157510	BLOC1S1	-0.44	9.41	-5.06	1.96E-06	2.18E-05	4.50
ILMN_1680967	SARNP	0.16	9.41	5.06	1.96E-06	2.18E-05	4.50
ILMN_1665554	BRF2	-0.18	6.92	-5.06	1.97E-06	2.19E-05	4.49
ILMN_1792681	CCDC86	0.27	7.28	5.06	1.97E-06	2.19E-05	4.50
ILMN_1753249	DDX10	0.23	7.70	5.06	1.98E-06	2.21E-05	4.48
ILMN_1769201	ELF3	-0.56	9.90	-5.06	1.99E-06	2.21E-05	4.48
ILMN_2246188	SLC45A2	-0.18	6.46	-5.06	1.99E-06	2.22E-05	4.48
ILMN_1714148	NAIF1	-0.16	7.25	-5.06	2.00E-06	2.22E-05	4.48
ILMN_1783627	CAST	0.19	6.88	5.06	2.00E-06	2.22E-05	4.48
ILMN_1695946	TRNP1	0.31	6.78	5.06	2.00E-06	2.22E-05	4.48
ILMN_1843198	AK4	-0.56	8.49	-5.05	2.00E-06	2.23E-05	4.47
ILMN_2155228	CRLF3	0.30	7.83	5.05	2.00E-06	2.23E-05	4.47
ILMN_1785831	ZDHC13	-0.21	7.63	-5.05	2.01E-06	2.23E-05	4.47
ILMN_1758034	ETFDH	-0.33	8.67	-5.05	2.01E-06	2.23E-05	4.47
ILMN_1780057	RENBP	0.23	7.13	5.05	2.01E-06	2.23E-05	4.47
ILMN_3309448	MIR1247	-0.16	6.53	-5.05	2.01E-06	2.23E-05	4.47
ILMN_1666924	PINK1	-0.32	8.10	-5.05	2.01E-06	2.23E-05	4.47
ILMN_1749109	PSAP	0.23	11.93	5.05	2.02E-06	2.24E-05	4.47
ILMN_1674811	OASL	0.34	7.12	5.06	2.02E-06	2.24E-05	4.47
ILMN_1674250	NCKAP1L	0.45	7.48	5.05	2.03E-06	2.25E-05	4.46
ILMN_1779855	HSD17B6	0.33	7.22	5.05	2.03E-06	2.25E-05	4.46
ILMN_1679919	ASCC2	-0.21	9.46	-5.05	2.03E-06	2.25E-05	4.46
ILMN_1665428	GSDMD	-0.29	8.89	-5.05	2.04E-06	2.25E-05	4.46
ILMN_1807300	PKD2	0.15	6.78	5.05	2.05E-06	2.27E-05	4.45
ILMN_1714599	CAMLG	0.21	10.21	5.05	2.05E-06	2.27E-05	4.45
ILMN_2354269	ZC2HC1C	-0.17	6.84	-5.05	2.05E-06	2.27E-05	4.45
ILMN_1706015	FAM43A	0.44	7.81	5.05	2.06E-06	2.28E-05	4.45

ILMN_1798977	ADGRG3	0.12	6.30	5.05	2.06E-06	2.28E-05	4.45
ILMN_1778301	C6orf132	-0.22	7.00	-5.05	2.08E-06	2.30E-05	4.44
ILMN_1745991	GNRH1	-0.16	7.12	-5.05	2.08E-06	2.30E-05	4.44
ILMN_1813338	LAG3	0.30	6.93	5.04	2.09E-06	2.31E-05	4.43
ILMN_1691237	CAP2	0.43	7.62	5.04	2.09E-06	2.31E-05	4.43
ILMN_1748546	2-Sep	0.23	10.90	5.04	2.10E-06	2.31E-05	4.43
ILMN_1782922	PDE4B	0.31	6.78	5.04	2.10E-06	2.31E-05	4.43
ILMN_1872404	CCDC50	0.23	7.40	5.04	2.11E-06	2.33E-05	4.42
ILMN_3240594	RNU4ATAC	0.30	6.85	5.04	2.12E-06	2.33E-05	4.42
ILMN_3245659	ERI1	0.25	7.70	5.04	2.12E-06	2.33E-05	4.42
ILMN_3279935	NA	0.19	6.87	5.04	2.12E-06	2.33E-05	4.42
ILMN_2396287	RFX2	0.19	6.48	5.04	2.12E-06	2.33E-05	4.42
ILMN_3247462	GLRX3	0.36	8.48	5.04	2.12E-06	2.34E-05	4.42
ILMN_2130409	PEX26	-0.17	6.58	-5.04	2.12E-06	2.34E-05	4.42
ILMN_1787378	ADD3	-0.36	8.48	-5.04	2.13E-06	2.34E-05	4.42
ILMN_1751393	ZNF684	-0.15	7.09	-5.04	2.13E-06	2.34E-05	4.41
ILMN_1726169	EDF1	-0.26	11.20	-5.04	2.14E-06	2.35E-05	4.42
ILMN_1680223	PNPLA8	0.28	7.59	5.04	2.15E-06	2.37E-05	4.40
ILMN_2271149	PGM5	0.49	7.40	5.04	2.16E-06	2.37E-05	4.40
ILMN_1663032	FNDC4	0.14	6.69	5.04	2.16E-06	2.37E-05	4.40
ILMN_1684771	PGRMC1	-0.31	10.70	-5.04	2.16E-06	2.37E-05	4.40
ILMN_1727466	KCNMB4	0.20	6.81	5.04	2.16E-06	2.38E-05	4.40
ILMN_1738849	SLC9A2	-0.66	8.97	-5.04	2.16E-06	2.38E-05	4.40
ILMN_1774287	CFB	0.67	8.90	5.04	2.16E-06	2.38E-05	4.40
ILMN_2403247	CMTM7	0.39	7.55	5.04	2.19E-06	2.40E-05	4.40
ILMN_2376822	NA	-0.48	8.10	-5.03	2.19E-06	2.41E-05	4.39
ILMN_1788250	LDOC1	0.16	6.64	5.03	2.20E-06	2.41E-05	4.38
ILMN_1708672	ACAT2	-0.46	8.82	-5.03	2.20E-06	2.41E-05	4.38
ILMN_1705984	HNMT	-0.25	7.27	-5.03	2.21E-06	2.42E-05	4.38
ILMN_1771824	DNAJC30	-0.21	7.00	-5.03	2.21E-06	2.42E-05	4.38
ILMN_1712773	SPAG1	-0.22	6.96	-5.03	2.22E-06	2.43E-05	4.38
ILMN_1797310	ATP6V1D	-0.22	9.90	-5.03	2.23E-06	2.44E-05	4.37
ILMN_1743763	TJAP1	0.26	8.52	5.03	2.23E-06	2.44E-05	4.37
ILMN_1666384	BZW1	0.36	9.54	5.03	2.24E-06	2.44E-05	4.37
ILMN_2185884	DHRS4	-0.34	9.35	-5.03	2.25E-06	2.46E-05	4.36
ILMN_1699767	PDE8A	-0.20	7.03	-5.03	2.25E-06	2.46E-05	4.36
ILMN_2179778	PHLDB2	0.30	6.82	5.03	2.26E-06	2.46E-05	4.36
ILMN_1689111	CXCL12	0.43	7.53	5.03	2.26E-06	2.47E-05	4.36
ILMN_1739393	SELE	0.42	6.72	5.02	2.28E-06	2.49E-05	4.35
ILMN_2192072	MMP7	0.93	7.02	5.02	2.28E-06	2.49E-05	4.35
ILMN_1701111	GPCPD1	0.25	7.44	5.02	2.29E-06	2.50E-05	4.35
ILMN_1763941	LRRC49	0.17	6.82	5.02	2.30E-06	2.51E-05	4.34
ILMN_1807044	UBAC1	-0.29	9.39	-5.02	2.31E-06	2.52E-05	4.34
ILMN_1683883	NA	-0.48	8.56	-5.02	2.32E-06	2.53E-05	4.34
ILMN_1658504	CHKA	-0.33	8.73	-5.02	2.33E-06	2.54E-05	4.34
ILMN_1811957	CAMSAP1	0.19	7.18	5.02	2.33E-06	2.54E-05	4.33
ILMN_2120340	RUVBL2	-0.21	7.69	-5.02	2.34E-06	2.54E-05	4.33
ILMN_1789558	ZC2HC1A	0.18	6.93	5.02	2.35E-06	2.56E-05	4.32

ILMN_3310416	SNORD114-5	0.15	6.56	5.02	2.35E-06	2.56E-05	4.32
ILMN_1755937	ANXA2	0.33	7.71	5.02	2.35E-06	2.56E-05	4.32
ILMN_1774077	GBP2	0.37	9.75	5.01	2.38E-06	2.59E-05	4.31
ILMN_1673711	HSP90AB1	0.26	9.87	5.01	2.38E-06	2.59E-05	4.31
ILMN_1735955	RPL23AP7	0.19	8.21	5.01	2.39E-06	2.59E-05	4.31
ILMN_3238793	C9orf129	-0.14	6.62	-5.01	2.39E-06	2.60E-05	4.30
ILMN_1727078	MIEN1	-0.17	6.70	-5.01	2.41E-06	2.61E-05	4.30
ILMN_1744786	SAGE1	-0.39	7.25	-5.01	2.41E-06	2.61E-05	4.30
ILMN_1739001	TACSTD2	0.91	7.29	5.01	2.41E-06	2.62E-05	4.30
ILMN_1905548	MBNL3	-0.22	7.96	-5.01	2.41E-06	2.62E-05	4.30
ILMN_1815086	NINJ1	0.36	8.39	5.01	2.43E-06	2.63E-05	4.29
ILMN_1800573	RPS21	0.23	8.85	5.01	2.43E-06	2.63E-05	4.29
ILMN_3249351	SNORA35	-0.30	7.00	-5.01	2.44E-06	2.64E-05	4.28
ILMN_2378257	SDF4	-0.31	8.21	-5.01	2.44E-06	2.64E-05	4.28
ILMN_1783815	COG7	-0.17	7.06	-5.01	2.44E-06	2.65E-05	4.28
ILMN_1747078	HYLS1	-0.16	7.21	-5.01	2.45E-06	2.66E-05	4.28
ILMN_3307868	CHI3L1	0.62	6.90	5.01	2.46E-06	2.66E-05	4.28
ILMN_1661875	ANK3	-0.23	7.12	-5.00	2.49E-06	2.70E-05	4.26
ILMN_1750130	GSPT1	0.21	10.35	5.00	2.50E-06	2.70E-05	4.26
ILMN_3237936	DHRS7C	-0.18	6.62	-5.00	2.50E-06	2.71E-05	4.26
ILMN_1657145	MEOX1	0.21	6.72	5.00	2.53E-06	2.74E-05	4.25
ILMN_1738992	MNDA	0.26	6.71	5.00	2.54E-06	2.75E-05	4.25
ILMN_1782110	ZBTB21	0.24	7.38	5.00	2.55E-06	2.75E-05	4.24
ILMN_1806432	NT5C	-0.24	9.43	-5.00	2.54E-06	2.75E-05	4.24
ILMN_1685699	PRSS3	-0.48	9.40	-5.00	2.55E-06	2.76E-05	4.24
ILMN_1685403	MMP7	0.82	7.01	5.00	2.55E-06	2.76E-05	4.24
ILMN_1667609	SNORD35A	0.15	6.59	5.00	2.55E-06	2.76E-05	4.25
ILMN_2283196	ZSWIM3	-0.17	6.92	-5.00	2.56E-06	2.76E-05	4.24
ILMN_1655913	NUCB2	0.32	8.27	4.99	2.58E-06	2.79E-05	4.23
ILMN_1706664	RIMKLA	-0.24	6.83	-4.99	2.59E-06	2.80E-05	4.23
ILMN_2198878	INPP4B	0.18	6.90	4.99	2.60E-06	2.80E-05	4.22
ILMN_1700604	RBM14	-0.25	9.16	-4.99	2.61E-06	2.81E-05	4.22
ILMN_1794914	UBTD1	0.18	6.67	4.99	2.62E-06	2.82E-05	4.22
ILMN_1728132	LDHB	0.38	9.14	4.99	2.63E-06	2.84E-05	4.21
ILMN_1761101	CCDC112	-0.23	7.33	-4.99	2.64E-06	2.84E-05	4.21
ILMN_1711899	ANXA2	0.52	9.31	4.99	2.64E-06	2.84E-05	4.21
ILMN_1792256	TBX2	0.29	7.41	4.99	2.65E-06	2.85E-05	4.20
ILMN_3295874	NA	-0.24	7.14	-4.99	2.66E-06	2.86E-05	4.20
ILMN_1738796	PITPNC1	0.16	6.66	4.99	2.66E-06	2.86E-05	4.20
ILMN_1705241	TDRD7	-0.26	8.19	-4.99	2.67E-06	2.87E-05	4.20
ILMN_1708098	LIX1L	0.18	6.76	4.99	2.67E-06	2.87E-05	4.20
ILMN_1769451	ILVBL	-0.31	8.82	-4.98	2.68E-06	2.88E-05	4.19
ILMN_1732271	BTBD9	-0.12	6.52	-4.99	2.69E-06	2.89E-05	4.20
ILMN_1663379	FBXL15	-0.18	7.31	-4.98	2.70E-06	2.90E-05	4.19
ILMN_2222992	ETF1	0.30	10.03	4.98	2.73E-06	2.93E-05	4.18
ILMN_1678961	FRMD4A	0.20	7.14	4.98	2.75E-06	2.95E-05	4.17
ILMN_1862521	DENND1B	-0.23	7.74	-4.98	2.75E-06	2.96E-05	4.17
ILMN_2218780	PDP1	0.19	6.94	4.98	2.77E-06	2.97E-05	4.17

ILMN_2243553	ZNF275	0.31	8.18	4.98	2.78E-06	2.98E-05	4.16
ILMN_1690241	BATF2	-0.21	6.86	-4.98	2.79E-06	2.99E-05	4.16
ILMN_1707051	NFATC1	0.28	6.73	4.97	2.83E-06	3.04E-05	4.14
ILMN_1758474	PRKRA	0.20	8.58	4.97	2.85E-06	3.06E-05	4.13
ILMN_1801118	SNRNP25	-0.30	8.39	-4.97	2.86E-06	3.06E-05	4.13
ILMN_2376455	CSF2RA	0.26	6.75	4.97	2.87E-06	3.07E-05	4.13
ILMN_1771689	EXD2	-0.20	8.06	-4.97	2.87E-06	3.08E-05	4.13
ILMN_3237270	3-Mar	-0.24	7.55	-4.97	2.88E-06	3.08E-05	4.13
ILMN_1739967	TBK1	0.22	8.54	4.97	2.89E-06	3.09E-05	4.12
ILMN_1752728	FUCA1	-0.45	10.77	-4.97	2.89E-06	3.09E-05	4.12
ILMN_1673639	ABI3BP	0.52	8.63	4.97	2.90E-06	3.10E-05	4.12
ILMN_1686116	THBS1	0.86	9.55	4.97	2.90E-06	3.10E-05	4.12
ILMN_1755537	EIF1AY	1.16	8.10	4.97	2.90E-06	3.10E-05	4.12
ILMN_1776000	EID3	0.15	6.58	4.96	2.90E-06	3.10E-05	4.12
ILMN_2246894	EDF1	-0.23	9.69	-4.96	2.91E-06	3.11E-05	4.11
ILMN_1696347	CTSC	0.50	9.48	4.96	2.91E-06	3.11E-05	4.11
ILMN_2287157	NA	-0.28	7.16	-4.96	2.93E-06	3.13E-05	4.11
ILMN_1778890	LRR1	-0.22	7.38	-4.96	2.95E-06	3.15E-05	4.10
ILMN_3306173	MED7	-0.15	7.46	-4.96	2.96E-06	3.16E-05	4.10
ILMN_2070896	BMPR2	0.28	8.50	4.96	2.96E-06	3.16E-05	4.10
ILMN_1711894	MYB	-0.48	9.95	-4.96	2.97E-06	3.17E-05	4.10
ILMN_1781884	KRT12	-0.28	6.80	-4.96	2.99E-06	3.19E-05	4.09
ILMN_1760574	RAI2	0.22	6.80	4.96	3.01E-06	3.20E-05	4.09
ILMN_2401701	PCGF6	0.15	6.73	4.96	3.01E-06	3.21E-05	4.08
ILMN_1752285	RPL4	0.27	11.03	4.96	3.02E-06	3.21E-05	4.08
ILMN_2382679	REG3A	1.54	7.72	4.95	3.03E-06	3.22E-05	4.08
ILMN_1788108	NA	0.68	10.67	4.95	3.04E-06	3.23E-05	4.07
ILMN_1719290	NA	-0.20	7.73	-4.96	3.05E-06	3.25E-05	4.07
ILMN_1805910	MIER3	-0.23	6.77	-4.95	3.06E-06	3.25E-05	4.07
ILMN_3234456	TSTD1	-0.21	7.06	-4.95	3.07E-06	3.26E-05	4.06
ILMN_1680624	CREG1	0.33	8.96	4.95	3.08E-06	3.27E-05	4.06
ILMN_1814247	TCFL5	0.20	7.17	4.95	3.08E-06	3.27E-05	4.06
ILMN_1651262	HNRNPAB	-0.22	11.51	-4.95	3.08E-06	3.27E-05	4.06
ILMN_1657862	AHCY	0.27	9.51	4.95	3.09E-06	3.28E-05	4.06
ILMN_1680673	NT5DC1	-0.21	8.27	-4.95	3.09E-06	3.28E-05	4.06
ILMN_1765001	NAT6	0.14	6.60	4.95	3.09E-06	3.28E-05	4.06
ILMN_1795836	YBEY	-0.21	7.74	-4.95	3.09E-06	3.28E-05	4.06
ILMN_1656368	ALDH4A1	0.16	6.58	4.95	3.09E-06	3.28E-05	4.06
ILMN_1770030	C7orf43	-0.25	7.59	-4.95	3.10E-06	3.28E-05	4.06
ILMN_2298988	ENTPD8	-0.17	6.66	-4.95	3.10E-06	3.28E-05	4.06
ILMN_2413508	ADGRE5	0.22	7.27	4.95	3.10E-06	3.28E-05	4.06
ILMN_1777881	TSPAN17	-0.23	8.94	-4.95	3.10E-06	3.28E-05	4.05
ILMN_3238274	BTBD2	-0.28	9.51	-4.95	3.10E-06	3.29E-05	4.05
ILMN_1755173	PLEKHA4	0.28	7.08	4.95	3.11E-06	3.29E-05	4.05
ILMN_1810147	ZNF524	-0.21	7.47	-4.95	3.11E-06	3.29E-05	4.05
ILMN_1747771	MAEA	-0.21	10.13	-4.95	3.11E-06	3.29E-05	4.05
ILMN_1814589	KIF22	-0.20	7.07	-4.95	3.11E-06	3.29E-05	4.05
ILMN_1721901	CTNNA1	0.30	7.73	4.95	3.11E-06	3.29E-05	4.05

ILMN_1778308	COL4A4	0.14	6.45	4.95	3.11E-06	3.29E-05	4.05
ILMN_1903914	NA	0.42	8.41	4.95	3.13E-06	3.30E-05	4.05
ILMN_1784630	KBTBD11	-0.37	9.66	-4.95	3.13E-06	3.31E-05	4.04
ILMN_1712530	AKAP1	-0.27	7.51	-4.95	3.14E-06	3.31E-05	4.04
ILMN_1756360	RPL35A	0.26	12.44	4.95	3.14E-06	3.32E-05	4.04
ILMN_1694539	MAP3K6	0.30	8.15	4.95	3.15E-06	3.32E-05	4.04
ILMN_2052790	NONO	0.18	10.79	4.94	3.16E-06	3.33E-05	4.04
ILMN_2149566	VPS25	-0.18	7.59	-4.94	3.16E-06	3.33E-05	4.04
ILMN_1762275	NA	0.15	6.93	4.94	3.17E-06	3.34E-05	4.03
ILMN_1655710	RPS25	0.48	8.91	4.94	3.18E-06	3.35E-05	4.03
ILMN_1691249	FBLIM1	-0.20	7.00	-4.94	3.19E-06	3.35E-05	4.03
ILMN_1745068	NA	-0.23	6.91	-4.94	3.19E-06	3.36E-05	4.03
ILMN_1741597	NUPR2	-0.14	6.56	-4.94	3.20E-06	3.36E-05	4.02
ILMN_1764323	METTL23	0.20	8.74	4.94	3.23E-06	3.40E-05	4.01
ILMN_1729225	SORCS2	0.16	6.49	4.94	3.23E-06	3.40E-05	4.02
ILMN_1763433	TRIM9	0.31	6.97	4.94	3.24E-06	3.40E-05	4.01
ILMN_1675979	RBMS3	0.16	6.57	4.94	3.24E-06	3.41E-05	4.01
ILMN_1682774	TEX30	0.19	7.11	4.94	3.24E-06	3.41E-05	4.01
ILMN_2329927	ABCG1	-0.27	7.47	-4.94	3.27E-06	3.43E-05	4.00
ILMN_1767360	IL10RB	-0.36	8.37	-4.94	3.28E-06	3.44E-05	4.01
ILMN_1750079	PURB	0.19	9.40	4.94	3.28E-06	3.45E-05	4.00
ILMN_1652082	ELF4	-0.24	8.44	-4.94	3.29E-06	3.45E-05	4.00
ILMN_2206645	ECD	0.17	7.19	4.93	3.29E-06	3.45E-05	4.00
ILMN_1758816	UGT8	-0.22	7.67	-4.93	3.30E-06	3.46E-05	3.99
ILMN_1664030	RAB1B	-0.14	7.02	-4.93	3.30E-06	3.46E-05	3.99
ILMN_1676099	SPON2	0.17	6.47	4.93	3.31E-06	3.47E-05	3.99
ILMN_1769883	IDE	0.20	7.20	4.93	3.31E-06	3.47E-05	3.99
ILMN_2413064	ST6GALNAC4	0.22	7.54	4.93	3.31E-06	3.47E-05	3.99
ILMN_1656057	PLAU	0.58	7.92	4.93	3.32E-06	3.48E-05	3.99
ILMN_1673215	PCBP1	0.20	11.31	4.93	3.34E-06	3.50E-05	3.98
ILMN_2375003	MAP4K4	0.18	7.12	4.93	3.35E-06	3.51E-05	3.98
ILMN_2183856	TSPAN6	-0.31	7.38	-4.93	3.35E-06	3.51E-05	3.98
ILMN_1688071	NAT1	-0.28	7.51	-4.93	3.36E-06	3.52E-05	3.98
ILMN_1653856	UBASH3B	0.25	7.09	4.93	3.37E-06	3.53E-05	3.97
ILMN_1730731	ERLIN1	-0.17	7.17	-4.93	3.39E-06	3.54E-05	3.97
ILMN_2300970	ETFB	-0.31	9.38	-4.93	3.41E-06	3.56E-05	3.96
ILMN_1740609	NA	0.27	7.91	4.93	3.41E-06	3.56E-05	3.96
ILMN_1653205	C8orf59	0.23	9.77	4.93	3.42E-06	3.57E-05	3.96
ILMN_1740604	RAB11FIP5	0.22	7.53	4.92	3.46E-06	3.61E-05	3.95
ILMN_1811238	ALPK2	0.42	6.80	4.93	3.46E-06	3.61E-05	3.95
ILMN_1728639	FCGR3B	0.27	6.66	4.92	3.48E-06	3.63E-05	3.94
ILMN_2347298	TSPYL2	0.27	7.02	4.92	3.48E-06	3.63E-05	3.94
ILMN_3256004	SNRPG	0.23	10.76	4.92	3.48E-06	3.63E-05	3.94
ILMN_1758825	ABLIM2	-0.28	7.14	-4.92	3.50E-06	3.65E-05	3.94
ILMN_2208413	ARHGAP15	0.47	8.39	4.92	3.50E-06	3.65E-05	3.94
ILMN_1657515	RPS6KA5	-0.27	8.10	-4.92	3.53E-06	3.68E-05	3.93
ILMN_1783889	PRKAA1	-0.21	8.16	-4.92	3.53E-06	3.68E-05	3.93
ILMN_1730416	CYCS	-0.39	8.06	-4.92	3.55E-06	3.70E-05	3.93

ILMN_1760280	NXT1	0.31	8.36	4.91	3.57E-06	3.71E-05	3.92
ILMN_1752213	TMEM60	-0.24	8.78	-4.91	3.59E-06	3.74E-05	3.91
ILMN_2327090	MAEA	-0.28	7.78	-4.91	3.61E-06	3.75E-05	3.91
ILMN_2341793	CCT7	0.22	10.26	4.91	3.62E-06	3.76E-05	3.91
ILMN_3236428	TMEM170B	0.21	6.89	4.91	3.62E-06	3.76E-05	3.91
ILMN_1813568	TRPV1	-0.17	6.66	-4.91	3.63E-06	3.77E-05	3.90
ILMN_1690621	ADGRV1	-0.16	6.47	-4.91	3.63E-06	3.77E-05	3.90
ILMN_1801205	GPNMB	0.87	8.83	4.91	3.63E-06	3.78E-05	3.90
ILMN_2082762	SNORD68	0.24	6.99	4.91	3.63E-06	3.78E-05	3.90
ILMN_2336803	RPGR	0.14	6.67	4.91	3.64E-06	3.78E-05	3.90
ILMN_1701114	GBP1	0.41	7.64	4.91	3.64E-06	3.78E-05	3.90
ILMN_1736548	PHACTR4	-0.24	9.51	-4.91	3.65E-06	3.79E-05	3.90
ILMN_1749878	FAM124B	0.16	6.46	4.91	3.66E-06	3.79E-05	3.90
ILMN_2326262	SORBS1	0.29	7.04	4.91	3.67E-06	3.81E-05	3.89
ILMN_2365711	2-Sep	0.19	11.30	4.91	3.69E-06	3.82E-05	3.89
ILMN_2056479	GLRX3	0.33	8.47	4.91	3.69E-06	3.83E-05	3.89
ILMN_2235283	MAPK1	0.24	7.67	4.91	3.70E-06	3.83E-05	3.88
ILMN_1663618	STAT3	0.31	8.36	4.90	3.75E-06	3.89E-05	3.87
ILMN_1653200	SLC22A17	0.20	7.26	4.90	3.76E-06	3.89E-05	3.87
ILMN_1732967	PPP1R18	0.55	8.15	4.90	3.77E-06	3.90E-05	3.87
ILMN_1799105	COL17A1	-0.42	7.73	-4.90	3.77E-06	3.90E-05	3.87
ILMN_2076463	SLC15A4	0.22	8.16	4.90	3.78E-06	3.92E-05	3.86
ILMN_1774708	ORMDL2	-0.17	7.04	-4.90	3.80E-06	3.93E-05	3.86
ILMN_1783598	CAB39L	0.18	6.86	4.90	3.82E-06	3.95E-05	3.85
ILMN_2356031	RNF121	-0.18	8.02	-4.90	3.84E-06	3.97E-05	3.85
ILMN_1751607	FOSB	1.31	8.03	4.90	3.85E-06	3.98E-05	3.85
ILMN_1683859	SLC7A1	0.30	8.65	4.90	3.85E-06	3.98E-05	3.85
ILMN_1668960	MID1IP1	0.24	7.46	4.90	3.87E-06	3.99E-05	3.84
ILMN_1810037	RUSC2	0.15	6.59	4.89	3.87E-06	4.00E-05	3.84
ILMN_1674640	CXCR6	0.19	6.59	4.89	3.88E-06	4.01E-05	3.84
ILMN_1808374	SNTB2	0.23	8.97	4.89	3.89E-06	4.02E-05	3.83
ILMN_2400613	SNX7	-0.32	8.17	-4.89	3.90E-06	4.02E-05	3.83
ILMN_1665945	ACBD3	0.22	9.36	4.90	3.91E-06	4.03E-05	3.84
ILMN_1687335	FLNA	0.36	7.03	4.89	3.91E-06	4.03E-05	3.83
ILMN_2380698	DSTN	0.27	10.36	4.89	3.93E-06	4.05E-05	3.83
ILMN_1656979	ABO	-0.14	6.41	-4.89	3.96E-06	4.08E-05	3.82
ILMN_1809478	SSBP1	0.19	9.43	4.89	3.97E-06	4.09E-05	3.82
ILMN_2278653	ZNF493	-0.24	7.81	-4.89	3.97E-06	4.09E-05	3.82
ILMN_2125017	TIGIT	0.20	6.63	4.89	3.99E-06	4.10E-05	3.81
ILMN_2307656	AGTRAP	0.16	6.60	4.89	4.01E-06	4.12E-05	3.81
ILMN_1711786	NFE2	0.19	6.44	4.89	4.03E-06	4.14E-05	3.80
ILMN_1723846	METTL21B	0.19	8.01	4.89	4.03E-06	4.14E-05	3.80
ILMN_1769135	DPP7	0.21	7.14	4.88	4.08E-06	4.19E-05	3.79
ILMN_1669409	VSIG4	0.24	6.85	4.88	4.09E-06	4.21E-05	3.79
ILMN_1658883	ARAF	-0.19	8.59	-4.88	4.11E-06	4.22E-05	3.78
ILMN_2139125	LRFN5	0.17	6.63	4.88	4.11E-06	4.22E-05	3.78
ILMN_1652128	LMBRD1	-0.24	10.30	-4.88	4.12E-06	4.23E-05	3.78
ILMN_1736752	COMTD1	-0.31	7.88	-4.88	4.14E-06	4.25E-05	3.78

ILMN_1765459	S100A13	0.26	8.28	4.88	4.15E-06	4.26E-05	3.77
ILMN_1707534	NKRF	0.17	7.32	4.88	4.15E-06	4.26E-05	3.77
ILMN_1791164	TMEM231	-0.17	6.68	-4.88	4.17E-06	4.28E-05	3.77
ILMN_1795944	PRR13	-0.24	7.18	-4.88	4.18E-06	4.28E-05	3.77
ILMN_1788099	LSM4	-0.32	8.94	-4.88	4.18E-06	4.29E-05	3.77
ILMN_1806123	MRPL23	-0.29	8.93	-4.88	4.19E-06	4.30E-05	3.76
ILMN_1801124	MSANTD4	0.20	7.41	4.87	4.21E-06	4.31E-05	3.76
ILMN_2386179	ZMYND8	-0.21	7.70	-4.87	4.21E-06	4.31E-05	3.76
ILMN_1689257	MAEA	-0.16	6.86	-4.87	4.22E-06	4.32E-05	3.76
ILMN_1710207	SLF2	-0.25	8.14	-4.87	4.22E-06	4.32E-05	3.76
ILMN_1670870	ALCAM	0.24	8.21	4.87	4.24E-06	4.34E-05	3.75
ILMN_2077858	SIRT7	-0.22	7.09	-4.87	4.25E-06	4.35E-05	3.75
ILMN_1774547	MPRIP	0.24	8.59	4.87	4.26E-06	4.35E-05	3.75
ILMN_1689097	NAA20	0.15	10.39	4.87	4.29E-06	4.38E-05	3.74
ILMN_1746148	NRROS	0.18	6.75	4.87	4.29E-06	4.38E-05	3.74
ILMN_1805344	DDX5	0.24	11.61	4.87	4.30E-06	4.39E-05	3.75
ILMN_3249142	ZG16	-1.07	11.90	-4.87	4.30E-06	4.39E-05	3.74
ILMN_2408450	UBA5	0.21	7.83	4.87	4.31E-06	4.40E-05	3.74
ILMN_1661799	HIGD1A	-0.37	11.07	-4.87	4.34E-06	4.43E-05	3.73
ILMN_3200322	NA	0.19	7.71	4.87	4.34E-06	4.43E-05	3.73
ILMN_3251423	CHDH	-0.40	7.94	-4.87	4.36E-06	4.45E-05	3.73
ILMN_1679476	GART	0.24	8.83	4.87	4.37E-06	4.46E-05	3.72
ILMN_3247139	C17orf96	0.18	6.67	4.86	4.38E-06	4.47E-05	3.72
ILMN_1732799	CD34	0.32	7.43	4.86	4.41E-06	4.49E-05	3.72
ILMN_1818617	NA	-0.28	7.67	-4.86	4.45E-06	4.53E-05	3.71
ILMN_1693635	TSPYL2	0.16	6.70	4.86	4.48E-06	4.56E-05	3.70
ILMN_1696284	CLDN18	0.63	6.75	4.86	4.48E-06	4.56E-05	3.70
ILMN_1801348	GOT2	-0.26	9.80	-4.86	4.49E-06	4.57E-05	3.70
ILMN_3241149	TMEM236	-0.23	6.61	-4.86	4.52E-06	4.60E-05	3.69
ILMN_1651850	RPS16	0.17	13.28	4.86	4.52E-06	4.60E-05	3.69
ILMN_2228845	CCL28	-0.26	6.86	-4.86	4.54E-06	4.62E-05	3.69
ILMN_1697864	CXorf38	0.17	7.20	4.85	4.57E-06	4.64E-05	3.68
ILMN_3250273	TMOD2	0.20	6.88	4.85	4.57E-06	4.64E-05	3.68
ILMN_1772369	PDHA1	-0.30	9.50	-4.86	4.59E-06	4.67E-05	3.68
ILMN_2130838	UTP11	0.23	7.95	4.85	4.65E-06	4.72E-05	3.67
ILMN_3307791	FAM69A	0.21	8.13	4.85	4.66E-06	4.74E-05	3.66
ILMN_1806692	HEXB	0.17	11.20	4.85	4.67E-06	4.74E-05	3.66
ILMN_1758963	NADK	-0.22	7.58	-4.85	4.69E-06	4.76E-05	3.66
ILMN_3234831	NA	0.18	12.49	4.85	4.71E-06	4.78E-05	3.65
ILMN_1685574	TSC22D2	0.31	8.00	4.84	4.77E-06	4.84E-05	3.64
ILMN_1728380	PHOSPHO2	-0.25	7.22	-4.84	4.82E-06	4.89E-05	3.63
ILMN_1671742	UPF3A	-0.23	7.94	-4.84	4.82E-06	4.89E-05	3.63
ILMN_2119692	CSAD	-0.22	7.88	-4.84	4.84E-06	4.91E-05	3.63
ILMN_1736567	CD74	0.76	11.58	4.84	4.86E-06	4.93E-05	3.62
ILMN_2186369	NCOR1	-0.20	7.70	-4.84	4.87E-06	4.94E-05	3.62
ILMN_1736481	SECISBP2	-0.14	8.36	-4.84	4.88E-06	4.94E-05	3.62
ILMN_1752793	SAP18	-0.22	7.71	-4.84	4.88E-06	4.94E-05	3.62
ILMN_2087941	ENTPD3	0.23	7.38	4.84	4.89E-06	4.94E-05	3.62

ILMN_2326712	BACE2	0.46	8.27	4.84	4.92E-06	4.98E-05	3.61
ILMN_1794659	FUT2	-0.48	8.23	-4.84	4.92E-06	4.98E-05	3.61
ILMN_1770290	CNN2	0.35	8.39	4.84	4.93E-06	4.98E-05	3.61
ILMN_1708164	EIF3A	0.21	9.39	4.84	4.93E-06	4.99E-05	3.61
ILMN_3238972	SNORD123	-0.17	6.74	-4.83	4.94E-06	5.00E-05	3.61
ILMN_1738656	GLOD4	-0.23	9.19	-4.83	4.99E-06	5.04E-05	3.60
ILMN_1766245	SUPT4H1	-0.16	7.75	-4.83	4.99E-06	5.04E-05	3.60
ILMN_1799028	TSPAN5	0.16	6.86	4.83	5.00E-06	5.05E-05	3.59
ILMN_1670901	COX10	-0.21	8.58	-4.83	5.03E-06	5.08E-05	3.59
ILMN_1736704	DIXDC1	0.19	6.77	4.83	5.04E-06	5.08E-05	3.59
ILMN_1665357	EPS15	0.15	7.63	4.83	5.05E-06	5.09E-05	3.59
ILMN_1804332	GPR137	-0.24	8.71	-4.83	5.05E-06	5.09E-05	3.59
ILMN_2121774	ZG16	-1.06	12.01	-4.83	5.05E-06	5.09E-05	3.59
ILMN_1701655	SLC8B1	-0.24	8.78	-4.83	5.10E-06	5.14E-05	3.58
ILMN_1739532	DPRXP4	-0.17	6.68	-4.83	5.10E-06	5.14E-05	3.58
ILMN_2384807	LRRCC1	-0.28	8.29	-4.83	5.13E-06	5.17E-05	3.57
ILMN_1663090	SON	0.20	7.65	4.83	5.13E-06	5.17E-05	3.57
ILMN_1727574	ZNF827	-0.23	7.83	-4.83	5.13E-06	5.17E-05	3.57
ILMN_1808713	HSD17B2	-0.73	9.84	-4.82	5.15E-06	5.19E-05	3.57
ILMN_1694213	PLEKHO1	0.32	7.73	4.82	5.16E-06	5.19E-05	3.56
ILMN_1745415	BBX	0.25	8.67	4.82	5.16E-06	5.19E-05	3.56
ILMN_1772124	ATRN	-0.19	7.37	-4.82	5.19E-06	5.22E-05	3.56
ILMN_2375484	CPEB2	-0.20	7.65	-4.82	5.19E-06	5.22E-05	3.56
ILMN_3229552	MED7	-0.15	7.44	-4.82	5.21E-06	5.23E-05	3.56
ILMN_1657810	PPM1M	0.27	7.44	4.82	5.24E-06	5.27E-05	3.55
ILMN_2348975	NASP	-0.18	7.47	-4.82	5.25E-06	5.27E-05	3.55
ILMN_1672191	ATP5F1	-0.30	9.15	-4.82	5.26E-06	5.28E-05	3.55
ILMN_1716983	LILRA2	0.15	6.41	4.82	5.29E-06	5.31E-05	3.54
ILMN_1810235	ATP6V1E2	0.14	6.66	4.82	5.29E-06	5.31E-05	3.54
ILMN_2059535	PPM1F	0.22	8.17	4.82	5.29E-06	5.31E-05	3.54
ILMN_2175131	TMEM14C	-0.18	10.78	-4.82	5.31E-06	5.33E-05	3.54
ILMN_3250049	NA	-0.24	7.48	-4.82	5.34E-06	5.35E-05	3.53
ILMN_1800638	CELF2	0.16	6.73	4.82	5.34E-06	5.35E-05	3.53
ILMN_1860638	ST3GAL1	0.23	6.84	4.82	5.34E-06	5.36E-05	3.53
ILMN_1677919	GMPR2	-0.18	8.42	-4.82	5.36E-06	5.37E-05	3.53
ILMN_1758146	SIRPA	0.40	8.96	4.81	5.36E-06	5.37E-05	3.53
ILMN_1679800	BRIX1	0.28	8.75	4.81	5.37E-06	5.37E-05	3.53
ILMN_2122374	FAM49B	0.24	7.17	4.81	5.37E-06	5.37E-05	3.53
ILMN_1676067	SEMA3G	0.12	6.46	4.81	5.38E-06	5.39E-05	3.52
ILMN_2225595	ACAD8	-0.20	8.26	-4.81	5.39E-06	5.40E-05	3.52
ILMN_3258321	SNRPG	0.25	8.18	4.81	5.43E-06	5.43E-05	3.52
ILMN_1808011	FAM46B	0.19	6.45	4.81	5.45E-06	5.45E-05	3.51
ILMN_3283032	CERCAM	0.15	6.63	4.81	5.47E-06	5.47E-05	3.51
ILMN_1660027	FCGR2B	0.34	7.48	4.81	5.51E-06	5.51E-05	3.50
ILMN_1662331	PDSS2	-0.22	8.43	-4.81	5.51E-06	5.51E-05	3.50
ILMN_2378100	FBXL5	0.27	8.48	4.81	5.53E-06	5.53E-05	3.50
ILMN_1758864	VNN2	0.24	6.49	4.81	5.54E-06	5.53E-05	3.50
ILMN_1673953	HRH1	0.18	6.96	4.81	5.57E-06	5.56E-05	3.49

ILMN_1804571	ZKSCAN4	-0.16	7.01	-4.80	5.58E-06	5.57E-05	3.49
ILMN_1781906	RBM17	-0.18	8.97	-4.80	5.59E-06	5.58E-05	3.49
ILMN_3226276	SEC14L1P1	-0.13	6.74	-4.80	5.59E-06	5.58E-05	3.49
ILMN_1743402	SIX4	0.14	6.50	4.80	5.62E-06	5.60E-05	3.48
ILMN_1677122	FAM168B	-0.19	7.67	-4.80	5.63E-06	5.61E-05	3.48
ILMN_1671046	HSPB2	0.15	6.52	4.80	5.64E-06	5.62E-05	3.48
ILMN_1813374	MFSD12	0.20	6.88	4.80	5.67E-06	5.65E-05	3.47
ILMN_1663080	LFNG	-0.43	9.19	-4.80	5.68E-06	5.66E-05	3.47
ILMN_1722502	CCT6A	0.22	8.59	4.80	5.68E-06	5.66E-05	3.47
ILMN_2341611	CDCP1	-0.19	7.16	-4.80	5.69E-06	5.66E-05	3.47
ILMN_1742074	C8orf76	0.19	9.35	4.80	5.73E-06	5.70E-05	3.46
ILMN_1764494	ATP5A1	-0.21	12.11	-4.80	5.74E-06	5.71E-05	3.46
ILMN_3190972	DSTNP2	0.13	6.76	4.80	5.74E-06	5.71E-05	3.46
ILMN_1693210	NSMCE2	0.16	7.18	4.80	5.76E-06	5.73E-05	3.46
ILMN_2336781	SOD2	0.64	9.04	4.80	5.76E-06	5.73E-05	3.46
ILMN_1686981	SULF2	0.19	7.09	4.80	5.79E-06	5.75E-05	3.45
ILMN_1655497	EIF4B	0.23	11.07	4.79	5.81E-06	5.77E-05	3.45
ILMN_2232520	ANKRD28	0.24	7.64	4.79	5.81E-06	5.77E-05	3.45
ILMN_1709870	HES2	-0.25	6.83	-4.79	5.84E-06	5.80E-05	3.45
ILMN_2381697	P4HA2	-0.23	7.83	-4.79	5.85E-06	5.80E-05	3.45
ILMN_1651316	CD69	0.28	6.88	4.79	5.86E-06	5.82E-05	3.44
ILMN_1690923	CAPN9	-0.43	7.60	-4.79	5.86E-06	5.82E-05	3.44
ILMN_1741847	MMP10	0.66	6.88	4.79	5.88E-06	5.83E-05	3.44
ILMN_2141941	TOR1AIP1	0.28	8.61	4.79	5.88E-06	5.83E-05	3.44
ILMN_1807919	TNS1	0.20	6.73	4.79	5.90E-06	5.84E-05	3.44
ILMN_3240321	AEN	0.23	7.09	4.79	5.90E-06	5.84E-05	3.44
ILMN_1740572	TCN2	-0.27	7.33	-4.79	5.91E-06	5.85E-05	3.43
ILMN_2322972	ZFYVE27	-0.23	7.05	-4.79	5.91E-06	5.85E-05	3.43
ILMN_2364022	SLC16A3	-0.37	9.47	-4.79	5.91E-06	5.85E-05	3.44
ILMN_2101885	TUBB	0.31	9.96	4.79	5.91E-06	5.85E-05	3.43
ILMN_1692733	NRARP	-0.27	7.13	-4.79	5.96E-06	5.90E-05	3.43
ILMN_1736623	NCKIPSD	-0.16	7.26	-4.79	5.98E-06	5.92E-05	3.42
ILMN_1799819	MARS	0.21	7.99	4.79	6.03E-06	5.96E-05	3.42
ILMN_1734229	SPPL2A	-0.28	9.89	-4.79	6.03E-06	5.96E-05	3.41
ILMN_1652638	NA	0.20	6.90	4.78	6.05E-06	5.98E-05	3.41
ILMN_1684183	RAD9A	-0.19	7.08	-4.78	6.06E-06	5.98E-05	3.41
ILMN_1666269	CTSZ	-0.44	9.15	-4.78	6.07E-06	5.99E-05	3.41
ILMN_1742541	ZNF518A	-0.21	8.30	-4.78	6.07E-06	5.99E-05	3.41
ILMN_1696360	CTSB	0.32	9.25	4.78	6.08E-06	6.00E-05	3.41
ILMN_1688630	RECK	0.20	7.05	4.78	6.09E-06	6.01E-05	3.41
ILMN_1715069	TANK	0.25	8.54	4.79	6.09E-06	6.01E-05	3.41
ILMN_1815283	NA	-0.38	8.41	-4.78	6.13E-06	6.05E-05	3.40
ILMN_1708743	NT5DC2	0.24	7.03	4.78	6.15E-06	6.06E-05	3.40
ILMN_1750256	ALS2	0.24	8.06	4.78	6.16E-06	6.07E-05	3.40
ILMN_1693242	ZNF296	-0.22	7.46	-4.78	6.16E-06	6.07E-05	3.40
ILMN_3220934	NA	0.18	6.60	4.78	6.17E-06	6.07E-05	3.39
ILMN_2080342	LGALS9C	-0.20	6.51	-4.78	6.17E-06	6.08E-05	3.39
ILMN_1764694	ZFP14	-0.19	7.02	-4.78	6.18E-06	6.08E-05	3.39

ILMN_1657509	TSEN54	-0.18	7.00	-4.78	6.25E-06	6.15E-05	3.38
ILMN_1758311	NET1	-0.37	10.78	-4.78	6.26E-06	6.16E-05	3.38
ILMN_1693394	BCKDK	0.21	8.85	4.78	6.26E-06	6.16E-05	3.38
ILMN_1737644	TMEM219	-0.23	8.67	-4.78	6.27E-06	6.16E-05	3.38
ILMN_1804938	TPRA1	-0.17	7.42	-4.77	6.30E-06	6.19E-05	3.37
ILMN_1848552	NFIB	0.25	9.38	4.78	6.30E-06	6.19E-05	3.38
ILMN_1656395	MYOT	0.33	7.25	4.77	6.30E-06	6.19E-05	3.37
ILMN_1782890	SLC25A3	-0.18	11.88	-4.77	6.33E-06	6.22E-05	3.37
ILMN_1665004	CASC3	0.19	8.35	4.77	6.37E-06	6.25E-05	3.36
ILMN_1744211	PLA2G4F	-0.33	7.36	-4.77	6.37E-06	6.25E-05	3.36
ILMN_1694219	ARIH1	0.20	7.06	4.77	6.39E-06	6.27E-05	3.36
ILMN_2189668	NUDT11	0.14	6.60	4.77	6.41E-06	6.28E-05	3.36
ILMN_1750092	SEPSECS	-0.19	7.08	-4.77	6.47E-06	6.34E-05	3.35
ILMN_1802628	PLPP6	-0.25	7.92	-4.77	6.46E-06	6.34E-05	3.35
ILMN_1808196	GSTO1	0.30	9.62	4.77	6.52E-06	6.39E-05	3.34
ILMN_2096654	COMMD4	-0.18	8.82	-4.77	6.53E-06	6.40E-05	3.34
ILMN_1701413	PIGQ	-0.19	7.76	-4.77	6.55E-06	6.42E-05	3.34
ILMN_1654287	ADCY9	-0.24	7.34	-4.76	6.57E-06	6.43E-05	3.33
ILMN_1690703	MIR99AHG	0.15	6.52	4.76	6.61E-06	6.47E-05	3.33
ILMN_1699071	MAP3K7CL	0.25	7.28	4.76	6.61E-06	6.47E-05	3.33
ILMN_2396813	BABAM1	-0.16	7.36	-4.76	6.62E-06	6.48E-05	3.33
ILMN_1785902	C1QC	0.78	9.40	4.76	6.65E-06	6.51E-05	3.32
ILMN_2277676	ERCC1	0.21	8.00	4.76	6.66E-06	6.52E-05	3.32
ILMN_1682996	VWA5A	-0.20	7.27	-4.76	6.73E-06	6.58E-05	3.32
ILMN_1734543	PTPRE	0.26	8.32	4.76	6.75E-06	6.59E-05	3.31
ILMN_1728779	NGLY1	-0.18	8.53	-4.76	6.76E-06	6.61E-05	3.31
ILMN_2063584	CLIC4	0.27	7.09	4.76	6.78E-06	6.62E-05	3.30
ILMN_1669114	WNK4	-0.42	8.02	-4.76	6.79E-06	6.63E-05	3.30
ILMN_1659415	LAMTOR3	-0.15	9.68	-4.76	6.81E-06	6.65E-05	3.30
ILMN_1782944	GPR37L1	-0.13	6.44	-4.75	6.82E-06	6.66E-05	3.30
ILMN_1769219	TPSG1	-0.50	8.09	-4.75	6.84E-06	6.67E-05	3.29
ILMN_1813197	SLITRK6	-0.14	6.44	-4.75	6.84E-06	6.67E-05	3.29
ILMN_1655468	DSG3	0.26	6.59	4.75	6.85E-06	6.68E-05	3.29
ILMN_1653220	PITPNM1	0.27	8.82	4.75	6.88E-06	6.71E-05	3.29
ILMN_1795300	ARHGEF37	-0.19	7.00	-4.75	6.92E-06	6.75E-05	3.28
ILMN_1661424	THAP6	-0.13	7.00	-4.75	6.96E-06	6.78E-05	3.28
ILMN_1759729	NDUFA8	-0.30	10.17	-4.75	6.96E-06	6.78E-05	3.28
ILMN_2382403	FCGR2B	0.16	6.67	4.75	7.00E-06	6.82E-05	3.27
ILMN_1703718	CCT7	0.22	8.20	4.75	7.01E-06	6.82E-05	3.27
ILMN_1660186	SYF2	-0.21	9.09	-4.75	7.02E-06	6.83E-05	3.28
ILMN_1669094	ZNF672	-0.20	7.92	-4.75	7.04E-06	6.85E-05	3.27
ILMN_1665859	RAB27A	-0.31	7.69	-4.75	7.07E-06	6.88E-05	3.27
ILMN_1724495	SESTD1	0.26	7.61	4.75	7.08E-06	6.88E-05	3.26
ILMN_1769091	PRCP	0.25	10.21	4.74	7.11E-06	6.91E-05	3.26
ILMN_1804327	NAP1L4	0.24	9.34	4.74	7.13E-06	6.93E-05	3.26
ILMN_1757877	HCFC1R1	0.21	8.59	4.75	7.13E-06	6.93E-05	3.26
ILMN_2066020	TCEB1	0.23	9.89	4.74	7.14E-06	6.93E-05	3.25
ILMN_2399463	VAV3	-1.27	8.61	-4.74	7.14E-06	6.93E-05	3.25

ILMN_2363065	RTN3	-0.24	8.79	-4.74	7.15E-06	6.94E-05	3.25
ILMN_1709611	PSMA1	0.19	10.23	4.74	7.19E-06	6.98E-05	3.25
ILMN_1655137	ZCCHC11	0.24	7.56	4.74	7.20E-06	6.99E-05	3.24
ILMN_2414878	STXBP1	0.17	6.75	4.74	7.21E-06	6.99E-05	3.24
ILMN_3246037	ASPG	-0.23	6.55	-4.74	7.22E-06	7.00E-05	3.24
ILMN_1741954	SMYD3	0.20	7.51	4.74	7.22E-06	7.00E-05	3.24
ILMN_2406267	MARVELD2	-0.17	6.82	-4.74	7.24E-06	7.01E-05	3.24
ILMN_1771652	BAIAP2L2	-0.43	10.20	-4.74	7.25E-06	7.02E-05	3.24
ILMN_2341487	C11orf49	-0.20	7.04	-4.74	7.27E-06	7.04E-05	3.24
ILMN_1753467	SAMD4B	0.16	6.99	4.74	7.28E-06	7.05E-05	3.24
ILMN_1701361	LURAP1L	0.21	7.05	4.74	7.28E-06	7.05E-05	3.23
ILMN_1731639	CASP3	-0.16	6.75	-4.74	7.32E-06	7.08E-05	3.23
ILMN_1719579	NA	-0.16	6.68	-4.74	7.37E-06	7.13E-05	3.22
ILMN_1660847	PFKFB3	0.38	7.16	4.73	7.40E-06	7.15E-05	3.22
ILMN_1805216	GPC6	0.19	7.58	4.73	7.40E-06	7.15E-05	3.22
ILMN_1714445	SLC6A9	-0.26	7.07	-4.73	7.42E-06	7.17E-05	3.22
ILMN_1770936	COQ5	-0.28	9.09	-4.73	7.42E-06	7.17E-05	3.22
ILMN_1762993	PIGV	-0.27	7.53	-4.73	7.43E-06	7.18E-05	3.22
ILMN_1773059	ADGRA2	0.25	7.16	4.74	7.44E-06	7.19E-05	3.22
ILMN_1679984	ZCCHC12	0.14	6.34	4.73	7.46E-06	7.20E-05	3.21
ILMN_1781386	WIPI1	-0.30	7.93	-4.73	7.46E-06	7.20E-05	3.21
ILMN_1800634	NME4	0.30	8.37	4.73	7.47E-06	7.21E-05	3.21
ILMN_1787256	HCN3	-0.20	6.90	-4.73	7.48E-06	7.22E-05	3.21
ILMN_2331205	NA	-0.26	8.45	-4.73	7.49E-06	7.22E-05	3.21
ILMN_2115677	LRIT2	-0.16	6.49	-4.73	7.52E-06	7.25E-05	3.21
ILMN_2060413	CD24	-0.36	12.94	-4.73	7.53E-06	7.26E-05	3.20
ILMN_1671554	LPIN1	0.39	8.96	4.73	7.55E-06	7.28E-05	3.20
ILMN_1699208	NAP1L1	0.36	8.71	4.73	7.60E-06	7.32E-05	3.19
ILMN_3234997	MAP7D1	0.23	7.38	4.73	7.62E-06	7.34E-05	3.20
ILMN_1745172	ILF2	0.20	9.86	4.73	7.63E-06	7.34E-05	3.19
ILMN_1807423	IGF2BP3	0.19	6.46	4.73	7.69E-06	7.41E-05	3.18
ILMN_1678478	CHST5	-0.33	7.47	-4.72	7.80E-06	7.51E-05	3.17
ILMN_1662843	CD53	0.38	7.18	4.72	7.83E-06	7.54E-05	3.16
ILMN_1766551	CPA3	0.92	8.62	4.72	7.85E-06	7.55E-05	3.16
ILMN_1806607	SFN	0.46	8.68	4.72	7.88E-06	7.57E-05	3.16
ILMN_2292178	CLEC12A	0.14	6.41	4.72	7.88E-06	7.58E-05	3.16
ILMN_3230241	NA	-0.18	6.80	-4.72	7.88E-06	7.58E-05	3.16
ILMN_1689336	HOXA10	-0.25	7.93	-4.72	7.89E-06	7.59E-05	3.16
ILMN_1652246	NACAD	0.18	6.84	4.72	7.91E-06	7.60E-05	3.16
ILMN_1670912	ACVR2A	-0.18	6.84	-4.72	7.93E-06	7.62E-05	3.15
ILMN_2363361	SFXN4	-0.28	8.23	-4.72	7.94E-06	7.62E-05	3.15
ILMN_1753472	SUMF1	-0.24	8.24	-4.72	7.95E-06	7.63E-05	3.15
ILMN_2167808	TM4SF5	-0.50	8.13	-4.72	7.96E-06	7.64E-05	3.15
ILMN_1662364	AARS	0.23	10.07	4.72	8.01E-06	7.69E-05	3.15
ILMN_1743199	EGR2	0.42	7.13	4.71	8.02E-06	7.69E-05	3.14
ILMN_1748915	S100A12	0.31	6.49	4.71	8.03E-06	7.70E-05	3.14
ILMN_1668194	LMTK3	0.30	7.01	4.71	8.04E-06	7.70E-05	3.14
ILMN_1806809	ZNF189	0.21	8.03	4.71	8.04E-06	7.70E-05	3.14

ILMN_2084059	SLC12A4	0.14	6.62	4.72	8.04E-06	7.70E-05	3.14
ILMN_1781207	FYN	0.20	6.72	4.71	8.05E-06	7.71E-05	3.14
ILMN_1732216	NARS	-0.21	10.43	-4.71	8.05E-06	7.71E-05	3.14
ILMN_1739161	PLPP1	-0.27	8.39	-4.71	8.05E-06	7.71E-05	3.14
ILMN_1659462	DUSP23	-0.22	9.38	-4.71	8.08E-06	7.73E-05	3.14
ILMN_1674522	HIGD1A	-0.34	11.82	-4.71	8.07E-06	7.73E-05	3.14
ILMN_2401618	MLX	-0.21	7.66	-4.71	8.11E-06	7.75E-05	3.13
ILMN_3248324	NA	-0.20	7.30	-4.71	8.12E-06	7.77E-05	3.13
ILMN_2369018	EVI2A	0.18	6.55	4.71	8.14E-06	7.78E-05	3.13
ILMN_1811560	SUGP1	-0.17	8.02	-4.71	8.15E-06	7.79E-05	3.13
ILMN_1652525	MVB12B	-0.20	7.31	-4.71	8.16E-06	7.79E-05	3.13
ILMN_1766712	TCF21	0.37	7.42	4.71	8.16E-06	7.79E-05	3.13
ILMN_1716246	FRZB	-0.40	9.10	-4.71	8.17E-06	7.80E-05	3.12
ILMN_2309245	BIN1	0.25	8.33	4.71	8.17E-06	7.80E-05	3.12
ILMN_2161577	CXCL6	0.29	6.61	4.71	8.20E-06	7.82E-05	3.12
ILMN_1783909	COL6A2	0.37	7.96	4.71	8.20E-06	7.83E-05	3.12
ILMN_1762712	HHEX	0.25	7.03	4.71	8.25E-06	7.87E-05	3.11
ILMN_2086612	CMAHP	-0.35	7.41	-4.71	8.28E-06	7.89E-05	3.11
ILMN_2229379	KIT	0.42	7.71	4.71	8.28E-06	7.89E-05	3.11
ILMN_2374115	TFAP2A	0.21	6.46	4.71	8.28E-06	7.89E-05	3.11
ILMN_2194627	GMCL1	-0.21	7.68	-4.71	8.28E-06	7.89E-05	3.11
ILMN_1754195	RPL31	0.18	12.62	4.71	8.30E-06	7.91E-05	3.11
ILMN_3240247	NOP10	0.19	10.99	4.70	8.35E-06	7.95E-05	3.10
ILMN_1687998	LPGAT1	0.21	7.33	4.71	8.36E-06	7.95E-05	3.11
ILMN_1754149	LETMD1	-0.21	8.32	-4.70	8.37E-06	7.97E-05	3.10
ILMN_3283573	RPL4	0.20	12.23	4.70	8.37E-06	7.97E-05	3.10
ILMN_2317493	SEMA6D	-0.13	6.57	-4.70	8.39E-06	7.98E-05	3.10
ILMN_1789007	APOC1	0.49	7.62	4.70	8.39E-06	7.98E-05	3.10
ILMN_1803464	PHTF1	0.18	7.36	4.70	8.47E-06	8.05E-05	3.09
ILMN_2413259	SOCS4	0.22	7.99	4.70	8.48E-06	8.06E-05	3.09
ILMN_1762262	PKIA	0.16	6.53	4.70	8.49E-06	8.07E-05	3.09
ILMN_2096604	FAM192A	-0.14	7.01	-4.70	8.55E-06	8.12E-05	3.09
ILMN_2415949	MRRF	-0.17	7.56	-4.70	8.58E-06	8.15E-05	3.08
ILMN_1759232	IRS1	0.25	7.17	4.70	8.59E-06	8.15E-05	3.08
ILMN_1768575	SFTPD	-0.47	7.53	-4.70	8.64E-06	8.19E-05	3.07
ILMN_1666845	KRT17	0.45	6.64	4.70	8.64E-06	8.20E-05	3.07
ILMN_1803744	VIMP	-0.24	9.21	-4.70	8.66E-06	8.21E-05	3.07
ILMN_1752669	ALPI	-0.19	6.71	-4.70	8.67E-06	8.22E-05	3.07
ILMN_1795826	ATP6VOD1	-0.29	8.92	-4.69	8.69E-06	8.24E-05	3.07
ILMN_1680814	EDN2	-0.17	6.62	-4.69	8.71E-06	8.25E-05	3.06
ILMN_1697420	TINF2	0.41	8.52	4.69	8.72E-06	8.26E-05	3.06
ILMN_2234016	FTH1	-0.24	13.44	-4.69	8.75E-06	8.29E-05	3.06
ILMN_1810423	RPP40	0.27	8.33	4.70	8.75E-06	8.29E-05	3.06
ILMN_1672128	ATF4	0.22	11.58	4.69	8.77E-06	8.31E-05	3.06
ILMN_1677843	RAB24	-0.27	8.94	-4.69	8.79E-06	8.32E-05	3.05
ILMN_1654010	AGPAT3	-0.14	6.73	-4.69	8.80E-06	8.33E-05	3.05
ILMN_1721651	UBE2H	0.25	6.93	4.69	8.82E-06	8.34E-05	3.05
ILMN_2150258	ZFP36L2	0.39	9.06	4.69	8.84E-06	8.36E-05	3.05

ILMN_1727284	CD4	0.21	6.74	4.69	8.89E-06	8.40E-05	3.04
ILMN_2150586	ZNF536	0.16	6.58	4.69	8.92E-06	8.43E-05	3.04
ILMN_1692511	TMEM106C	-0.34	10.14	-4.69	8.93E-06	8.44E-05	3.04
ILMN_1684321	CYB5B	-0.20	10.93	-4.69	8.94E-06	8.44E-05	3.04
ILMN_1673305	RHOC	-0.28	10.56	-4.69	8.98E-06	8.48E-05	3.03
ILMN_1673522	MOCOS	0.39	7.23	4.69	9.00E-06	8.49E-05	3.03
ILMN_2413650	STIL	-0.22	7.43	-4.69	9.02E-06	8.52E-05	3.03
ILMN_1715705	SSNA1	-0.18	7.46	-4.68	9.09E-06	8.57E-05	3.02
ILMN_2312296	PCBP2	0.14	11.35	4.68	9.09E-06	8.57E-05	3.02
ILMN_1668946	USH1C	-0.24	7.28	-4.68	9.12E-06	8.60E-05	3.02
ILMN_1657836	PLEKHG2	0.14	6.53	4.68	9.19E-06	8.66E-05	3.01
ILMN_1894072	NA	0.45	7.71	4.68	9.20E-06	8.67E-05	3.01
ILMN_1738589	MGLL	-0.24	7.52	-4.68	9.22E-06	8.69E-05	3.01
ILMN_2375002	MAP4K4	0.17	6.90	4.68	9.23E-06	8.69E-05	3.01
ILMN_1752281	DNAJC13	-0.14	7.55	-4.68	9.27E-06	8.73E-05	3.00
ILMN_1675038	PRMT2	-0.21	7.81	-4.68	9.28E-06	8.73E-05	3.00
ILMN_1763344	ADCYAP1	0.12	6.30	4.68	9.28E-06	8.73E-05	3.00
ILMN_1808391	DUSP4	0.16	6.32	4.68	9.28E-06	8.74E-05	3.00
ILMN_2115434	RAB32	-0.25	9.02	-4.68	9.29E-06	8.74E-05	3.00
ILMN_1812297	CYP26B1	0.22	7.05	4.68	9.29E-06	8.74E-05	3.00
ILMN_1812856	ZSWIM1	-0.14	8.05	-4.68	9.33E-06	8.77E-05	3.00
ILMN_3226904	NOP2	0.18	6.97	4.68	9.39E-06	8.83E-05	2.99
ILMN_1669881	TSPAN13	-0.39	10.34	-4.67	9.40E-06	8.84E-05	2.99
ILMN_1684620	SPAG4	0.25	6.69	4.67	9.41E-06	8.84E-05	2.99
ILMN_1695590	ADRB2	0.22	7.05	4.67	9.43E-06	8.85E-05	2.99
ILMN_1713829	PTGES	0.23	6.84	4.67	9.43E-06	8.85E-05	2.99
ILMN_2164242	UBE2F	0.20	8.88	4.67	9.43E-06	8.85E-05	2.99
ILMN_2400947	CELF2	0.20	7.08	4.67	9.45E-06	8.87E-05	2.99
ILMN_1717855	PFDN1	0.19	8.27	4.67	9.45E-06	8.87E-05	2.98
ILMN_1786024	POLR3H	0.14	6.98	4.67	9.48E-06	8.89E-05	2.98
ILMN_1709772	SNX5	-0.20	8.32	-4.67	9.50E-06	8.90E-05	2.98
ILMN_1702175	ST7	0.19	7.16	4.67	9.50E-06	8.91E-05	2.98
ILMN_1806790	ROBO1	0.20	6.78	4.67	9.51E-06	8.91E-05	2.98
ILMN_3265193	NA	0.20	6.63	4.67	9.52E-06	8.92E-05	2.98
ILMN_1790317	RAB26	-0.33	7.17	-4.67	9.58E-06	8.97E-05	2.97
ILMN_1703650	TNIP1	-0.26	8.57	-4.67	9.58E-06	8.97E-05	2.97
ILMN_2189314	HDGFL1	-0.14	6.58	-4.67	9.62E-06	9.01E-05	2.97
ILMN_1715324	HSD17B8	-0.32	7.95	-4.69	9.62E-06	9.01E-05	3.01
ILMN_1771987	SLC44A2	-0.24	9.39	-4.67	9.63E-06	9.01E-05	2.97
ILMN_1652846	PCYT2	-0.20	7.22	-4.67	9.75E-06	9.12E-05	2.96
ILMN_1668092	ESAM	0.29	7.38	4.67	9.77E-06	9.14E-05	2.95
ILMN_1754600	FNBP1L	-0.27	8.53	-4.66	9.81E-06	9.17E-05	2.95
ILMN_3244516	HECTD4	-0.17	8.04	-4.66	9.82E-06	9.18E-05	2.95
ILMN_1685378	RPS7	0.31	10.32	4.66	9.85E-06	9.21E-05	2.95
ILMN_1813344	NDUFAF5	-0.16	8.47	-4.66	9.86E-06	9.21E-05	2.94
ILMN_3239284	B9D1	0.12	6.62	4.66	9.88E-06	9.23E-05	2.94
ILMN_1670640	ZNF664	-0.16	6.93	-4.66	9.91E-06	9.25E-05	2.94
ILMN_1690610	RALY	-0.20	9.06	-4.66	1.00E-05	9.34E-05	2.93

ILMN_2391419	SYNE2	-0.31	8.26	-4.66	1.00E-05	9.36E-05	2.93
ILMN_1694634	MOGAT3	-0.25	7.17	-4.65	1.02E-05	9.50E-05	2.91
ILMN_1809040	LDLRAP1	-0.17	6.93	-4.65	1.02E-05	9.50E-05	2.91
ILMN_2211003	GAS2L3	-0.19	6.94	-4.65	1.02E-05	9.51E-05	2.91
ILMN_2400322	DYRK3	0.12	6.42	4.65	1.02E-05	9.51E-05	2.91
ILMN_1811178	SCAPER	-0.18	7.18	-4.65	1.02E-05	9.52E-05	2.91
ILMN_1791792	TIGAR	0.23	7.14	4.65	1.02E-05	9.52E-05	2.91
ILMN_2171384	CXCL5	0.52	6.72	4.65	1.03E-05	9.56E-05	2.91
ILMN_1709936	LYRM7	-0.14	6.91	-4.65	1.03E-05	9.60E-05	2.90
ILMN_1672389	CRYZ	0.33	8.61	4.66	1.03E-05	9.63E-05	2.91
ILMN_1739770	MED7	-0.17	7.49	-4.65	1.03E-05	9.63E-05	2.90
ILMN_1830984	NA	-0.18	7.56	-4.65	1.04E-05	9.71E-05	2.89
ILMN_1656840	VPS13D	-0.16	6.90	-4.65	1.05E-05	9.73E-05	2.89
ILMN_1678170	MME	0.40	6.88	4.65	1.05E-05	9.75E-05	2.89
ILMN_1813836	DARS	0.20	10.58	4.65	1.05E-05	9.75E-05	2.89
ILMN_2335718	HNRNPAB	-0.21	9.69	-4.65	1.05E-05	9.79E-05	2.88
ILMN_1809433	XBP1	0.45	11.43	4.65	1.05E-05	9.79E-05	2.88
ILMN_1757439	NA	-0.18	7.10	-4.64	1.06E-05	9.86E-05	2.87
ILMN_2379644	CD74	0.72	10.60	4.64	1.06E-05	9.86E-05	2.87
ILMN_1683044	PPP1R2	0.19	8.93	4.64	1.06E-05	9.86E-05	2.87
ILMN_1658437	SFXN4	-0.28	8.74	-4.64	1.07E-05	9.94E-05	2.86
ILMN_1703370	ZDHC12	-0.23	7.50	-4.64	1.07E-05	9.94E-05	2.87
ILMN_1721713	EXOSC9	0.17	7.45	4.64	1.07E-05	9.94E-05	2.86
ILMN_2332713	SLC25A3	-0.19	11.52	-4.64	1.07E-05	9.94E-05	2.87
ILMN_3277872	BMS1	0.17	7.55	4.64	1.07E-05	9.95E-05	2.86
ILMN_2397750	IVNS1ABP	-0.34	9.22	-4.64	1.07E-05	9.96E-05	2.86
ILMN_1689070	COQ7	-0.17	7.04	-4.64	1.08E-05	9.98E-05	2.86
ILMN_1671893	CHMP2A	-0.26	9.96	-4.64	1.08E-05	9.99E-05	2.86
ILMN_1745772	ASCC3	0.29	8.16	4.64	1.08E-05	9.99E-05	2.86
ILMN_2317463	INTS1	-0.19	8.13	-4.64	1.08E-05	0.0001002	2.86
ILMN_1763516	SPINK2	-0.19	6.64	-4.64	1.09E-05	0.0001009	2.85
ILMN_1752520	SLFN11	0.43	8.45	4.64	1.09E-05	0.0001009	2.85
ILMN_1685124	TCTN1	0.19	7.42	4.64	1.09E-05	0.0001011	2.85
ILMN_1787595	B3GALNT1	0.13	6.55	4.64	1.09E-05	0.0001012	2.84
ILMN_2052135	LINC00312	0.21	6.70	4.64	1.10E-05	0.0001013	2.84
ILMN_1722798	PLCD3	-0.29	7.53	-4.63	1.10E-05	0.0001019	2.84
ILMN_1662359	NA	-0.22	7.27	-4.64	1.11E-05	0.0001023	2.85
ILMN_2210729	STYXL1	-0.25	8.06	-4.63	1.11E-05	0.0001025	2.83
ILMN_1703441	ZNF593	0.26	8.38	4.63	1.11E-05	0.0001026	2.83
ILMN_1694877	CASP6	-0.21	7.27	-4.63	1.12E-05	0.000103	2.83
ILMN_1788783	TRAM2	0.27	8.33	4.63	1.12E-05	0.0001035	2.82
ILMN_1716468	NUDT16P1	-0.16	6.92	-4.63	1.13E-05	0.0001041	2.82
ILMN_3251620	JMY	0.18	6.84	4.63	1.13E-05	0.0001041	2.82
ILMN_1770911	NRSN2	0.31	7.08	4.63	1.13E-05	0.0001043	2.81
ILMN_1699496	PHF21A	0.27	8.80	4.63	1.13E-05	0.0001045	2.81
ILMN_1804870	PRKG2	-0.15	6.52	-4.63	1.14E-05	0.0001046	2.81
ILMN_1700606	RNF43	-0.17	6.93	-4.63	1.14E-05	0.0001047	2.81
ILMN_1746013	SPOCK1	0.23	6.88	4.63	1.14E-05	0.000105	2.81

ILMN_1781151	ARMC8	0.17	6.96	4.63	1.14E-05	0.000105	2.81
ILMN_1800096	MPST	-0.28	7.28	-4.62	1.15E-05	0.0001055	2.80
ILMN_1653824	LAMC2	0.38	7.33	4.62	1.15E-05	0.0001056	2.80
ILMN_2399174	TRAK1	-0.28	8.07	-4.62	1.15E-05	0.0001059	2.80
ILMN_2156267	EIF2AK1	-0.18	10.41	-4.62	1.15E-05	0.0001062	2.79
ILMN_2155172	BRIX1	0.23	7.50	4.62	1.16E-05	0.0001065	2.79
ILMN_1788607	RPL23A	0.21	7.94	4.62	1.16E-05	0.0001068	2.79
ILMN_2213136	LEF1	0.44	7.37	4.62	1.16E-05	0.0001071	2.79
ILMN_1700831	SLC27A2	-0.35	8.45	-4.62	1.17E-05	0.0001072	2.78
ILMN_2267535	NET1	-0.34	7.29	-4.62	1.17E-05	0.0001072	2.78
ILMN_2364110	GBA	-0.28	8.59	-4.62	1.17E-05	0.0001072	2.78
ILMN_2376408	DPM3	-0.24	8.31	-4.62	1.17E-05	0.0001073	2.78
ILMN_3178406	KLHL29	0.21	7.34	4.62	1.17E-05	0.0001074	2.78
ILMN_1727249	FAM21C	-0.16	6.86	-4.62	1.17E-05	0.0001074	2.78
ILMN_2229940	PRADC1	-0.25	7.71	-4.62	1.17E-05	0.0001074	2.78
ILMN_1730628	RNASE2	0.15	6.55	4.62	1.17E-05	0.0001075	2.78
ILMN_1811370	HSD11B1	0.11	6.39	4.62	1.17E-05	0.0001075	2.79
ILMN_3289508	NA	0.19	6.69	4.62	1.18E-05	0.0001086	2.77
ILMN_1701403	HIP1	0.14	6.68	4.62	1.19E-05	0.0001089	2.77
ILMN_1761968	PPP1R14A	0.35	7.49	4.62	1.19E-05	0.000109	2.77
ILMN_1690034	SOD3	0.23	6.82	4.62	1.19E-05	0.000109	2.76
ILMN_1712718	BPNT1	-0.24	7.41	-4.61	1.20E-05	0.0001097	2.76
ILMN_1758613	RAPGEFL1	-0.34	8.81	-4.61	1.20E-05	0.0001097	2.76
ILMN_3284584	RPL10	0.24	11.27	4.61	1.21E-05	0.0001107	2.76
ILMN_1781672	GAB1	-0.17	6.93	-4.61	1.21E-05	0.0001107	2.75
ILMN_1722329	CASQ2	0.31	6.78	4.61	1.21E-05	0.0001108	2.75
ILMN_1747460	TMEM184B	0.22	7.67	4.61	1.21E-05	0.0001109	2.75
ILMN_1701558	MAP1A	0.17	6.48	4.61	1.21E-05	0.0001111	2.75
ILMN_1680081	B3GNT6	-0.42	7.90	-4.61	1.22E-05	0.0001112	2.74
ILMN_1792384	HABP4	0.15	6.73	4.61	1.22E-05	0.0001115	2.74
ILMN_2066849	FAM26F	0.16	6.78	4.61	1.22E-05	0.0001116	2.75
ILMN_1773935	TMEM165	0.22	7.53	4.61	1.22E-05	0.0001118	2.74
ILMN_1679134	NSMCE4A	-0.19	9.74	-4.61	1.23E-05	0.0001121	2.74
ILMN_1718558	PARP12	-0.39	8.63	-4.61	1.23E-05	0.0001122	2.73
ILMN_1741159	MAP3K8	0.40	7.56	4.61	1.23E-05	0.0001123	2.73
ILMN_1718924	ETFA	-0.28	10.33	-4.61	1.23E-05	0.0001126	2.73
ILMN_1773278	OR8D4	-0.14	6.40	-4.61	1.23E-05	0.0001126	2.73
ILMN_1790062	OTULIN	0.19	7.37	4.61	1.24E-05	0.0001127	2.73
ILMN_1762666	DHRS4	-0.20	7.29	-4.60	1.24E-05	0.0001132	2.72
ILMN_2282352	PHYH	-0.36	8.11	-4.60	1.24E-05	0.0001133	2.72
ILMN_3235514	GPR183	0.15	6.56	4.60	1.25E-05	0.0001136	2.72
ILMN_1657680	CCDC69	0.18	6.65	4.60	1.25E-05	0.0001139	2.72
ILMN_1732296	ID3	-0.36	9.26	-4.60	1.25E-05	0.0001139	2.72
ILMN_1761242	COMMD1	0.19	9.04	4.60	1.26E-05	0.0001143	2.71
ILMN_1676846	ABCE1	0.26	7.66	4.60	1.27E-05	0.0001154	2.70
ILMN_1654411	CCL18	0.32	6.76	4.60	1.27E-05	0.0001156	2.70
ILMN_1679318	ARSJ	0.20	6.86	4.60	1.27E-05	0.0001156	2.70
ILMN_1688621	INIP	-0.20	8.11	-4.60	1.27E-05	0.0001159	2.71

ILMN_2188862	GDF15	0.42	7.42	4.60	1.27E-05	0.0001159	2.70
ILMN_3238435	SNORA12	0.54	8.03	4.60	1.28E-05	0.0001161	2.70
ILMN_2056975	HPRT1	0.36	9.40	4.60	1.28E-05	0.0001162	2.70
ILMN_2070355	SDHAF1	-0.18	7.79	-4.60	1.28E-05	0.0001167	2.70
ILMN_3249216	PDX1	0.59	7.24	4.60	1.29E-05	0.0001167	2.69
ILMN_1692056	HS3ST3A1	0.26	7.06	4.60	1.29E-05	0.0001169	2.70
ILMN_1748916	TIMM21	-0.20	8.22	-4.60	1.29E-05	0.0001169	2.69
ILMN_1695797	NCOA6	-0.19	9.48	-4.60	1.29E-05	0.000117	2.69
ILMN_2106331	NA	-0.20	12.62	-4.59	1.29E-05	0.0001172	2.69
ILMN_2225718	CENPE	0.15	6.67	4.59	1.30E-05	0.0001183	2.68
ILMN_2382121	OCRL	-0.19	7.95	-4.59	1.31E-05	0.0001186	2.67
ILMN_1676075	KLHL12	-0.17	7.51	-4.59	1.31E-05	0.0001188	2.67
ILMN_2119774	CYP2R1	-0.21	7.75	-4.59	1.31E-05	0.0001189	2.67
ILMN_1702447	IGF2BP2	-0.28	9.90	-4.59	1.31E-05	0.000119	2.67
ILMN_1691188	UIMC1	0.19	8.70	4.59	1.31E-05	0.0001191	2.67
ILMN_1790136	MRGBP	0.17	8.20	4.59	1.32E-05	0.0001194	2.67
ILMN_3245707	RIMKLB	0.14	6.66	4.59	1.32E-05	0.0001194	2.67
ILMN_1670903	NAT2	-0.38	8.12	-4.59	1.32E-05	0.0001196	2.66
ILMN_1829845	NA	-0.44	8.73	-4.59	1.32E-05	0.0001196	2.66
ILMN_1810488	NFYC	-0.22	8.07	-4.59	1.32E-05	0.0001199	2.66
ILMN_1731948	PCK1	-0.68	7.94	-4.59	1.33E-05	0.0001199	2.66
ILMN_1688515	ZNF195	-0.22	7.84	-4.59	1.33E-05	0.0001199	2.67
ILMN_1774685	IL24	0.23	6.66	4.59	1.33E-05	0.00012	2.66
ILMN_1727524	ADAM9	0.22	7.09	4.59	1.33E-05	0.0001203	2.66
ILMN_1731353	CHPF	0.21	7.34	4.59	1.33E-05	0.0001203	2.66
ILMN_1719986	PIK3IP1	0.33	8.36	4.59	1.34E-05	0.0001207	2.65
ILMN_1783182	FBN1	0.13	6.51	4.59	1.34E-05	0.000121	2.65
ILMN_2193214	MPND	-0.17	6.82	-4.59	1.34E-05	0.000121	2.65
ILMN_3251207	TMEM19	-0.20	7.63	-4.58	1.34E-05	0.0001213	2.65
ILMN_1688698	ZEB2	0.32	7.62	4.58	1.35E-05	0.000122	2.64
ILMN_1739622	PPP1R12A	0.22	7.44	4.58	1.36E-05	0.0001223	2.64
ILMN_1690939	TYMP	0.16	6.65	4.58	1.36E-05	0.0001224	2.64
ILMN_1666512	SKIV2L	-0.22	8.21	-4.58	1.36E-05	0.0001228	2.64
ILMN_1744212	INPP5D	0.40	7.39	4.58	1.37E-05	0.0001239	2.63
ILMN_1792323	HDC	0.45	7.67	4.58	1.38E-05	0.000124	2.63
ILMN_1652512	C2CD2	0.24	8.44	4.58	1.38E-05	0.0001245	2.62
ILMN_1802292	WDFY2	0.15	6.80	4.58	1.38E-05	0.0001247	2.62
ILMN_2305112	CTH	-0.16	6.86	-4.58	1.39E-05	0.0001252	2.62
ILMN_1730961	FCGBP	-0.47	8.56	-4.58	1.39E-05	0.0001253	2.62
ILMN_2344221	IGSF5	-0.13	6.39	-4.58	1.39E-05	0.0001255	2.61
ILMN_1708059	USP13	0.16	6.89	4.57	1.40E-05	0.0001259	2.61
ILMN_1808707	FSCN1	0.50	8.61	4.57	1.40E-05	0.0001259	2.61
ILMN_1654516	TMEM120A	-0.28	8.37	-4.57	1.40E-05	0.0001262	2.61
ILMN_1803825	CXCL12	0.29	7.43	4.57	1.40E-05	0.0001262	2.61
ILMN_1873621	NTN1	0.18	6.80	4.57	1.40E-05	0.0001263	2.61
ILMN_2362902	RASSF5	0.40	8.62	4.57	1.41E-05	0.0001265	2.60
ILMN_1798346	KIAA1468	-0.21	8.24	-4.57	1.41E-05	0.0001265	2.60
ILMN_1674302	PPAT	0.20	7.33	4.57	1.41E-05	0.0001269	2.60

ILMN_1736597	TKT	0.29	9.43	4.57	1.41E-05	0.0001269	2.60
ILMN_2360730	CAV2	0.19	6.97	4.57	1.41E-05	0.0001269	2.60
ILMN_1882764	NA	-0.17	7.16	-4.57	1.41E-05	0.0001269	2.60
ILMN_2081335	COA1	0.27	8.51	4.57	1.42E-05	0.0001272	2.60
ILMN_2152711	ACVR2A	-0.22	7.44	-4.57	1.42E-05	0.0001275	2.59
ILMN_1708611	RDX	0.28	7.80	4.57	1.43E-05	0.0001281	2.59
ILMN_1709326	NA	-0.19	6.90	-4.57	1.43E-05	0.0001281	2.60
ILMN_1802973	ANAPC4	-0.23	8.64	-4.57	1.44E-05	0.000129	2.58
ILMN_1784540	KBTBD2	0.19	9.19	4.57	1.44E-05	0.0001292	2.58
ILMN_1729515	PIN4	-0.12	6.82	-4.57	1.44E-05	0.0001292	2.58
ILMN_1729294	RNF130	0.24	8.05	4.57	1.45E-05	0.0001295	2.58
ILMN_1763452	EVI2B	0.60	8.14	4.57	1.45E-05	0.0001297	2.58
ILMN_1786834	PRKX	-0.15	6.99	-4.57	1.45E-05	0.0001297	2.58
ILMN_1657949	RHEB	0.25	9.76	4.57	1.45E-05	0.0001299	2.58
ILMN_1807152	GOLGA1	-0.14	7.29	-4.56	1.45E-05	0.00013	2.57
ILMN_2073732	CBLL1	0.17	7.80	4.56	1.45E-05	0.00013	2.57
ILMN_1701512	KIAA0391	0.17	8.56	4.56	1.46E-05	0.0001301	2.57
ILMN_1789176	PSMB1	0.18	11.57	4.57	1.45E-05	0.0001301	2.58
ILMN_1771264	ELL3	-0.30	7.99	-4.56	1.46E-05	0.0001301	2.57
ILMN_2365569	ICA1	0.30	7.99	4.56	1.46E-05	0.0001303	2.57
ILMN_1903345	NA	-0.12	6.83	-4.56	1.46E-05	0.0001304	2.57
ILMN_1691798	ZNF26	0.15	7.32	4.56	1.47E-05	0.000131	2.57
ILMN_1714170	SPSB1	0.25	7.33	4.56	1.47E-05	0.0001311	2.56
ILMN_2144663	GUCY2C	-0.39	9.06	-4.56	1.47E-05	0.0001311	2.56
ILMN_1697567	TPM3	-0.30	8.28	-4.56	1.48E-05	0.0001325	2.55
ILMN_1736940	HPRT1	0.33	8.36	4.56	1.49E-05	0.0001328	2.55
ILMN_1741392	SLC25A20	-0.31	8.17	-4.56	1.49E-05	0.0001332	2.55
ILMN_2408566	NR4A1	0.20	6.54	4.56	1.50E-05	0.0001333	2.55
ILMN_1693287	POMP	0.16	10.99	4.56	1.50E-05	0.0001336	2.54
ILMN_1749892	EGLN1	-0.14	6.90	-4.56	1.50E-05	0.0001336	2.54
ILMN_1775257	PROK2	0.59	6.78	4.56	1.50E-05	0.000134	2.54
ILMN_1758852	ENTPD7	0.18	7.01	4.56	1.51E-05	0.0001344	2.54
ILMN_1764629	SLC39A14	-0.33	8.69	-4.55	1.51E-05	0.0001349	2.53
ILMN_1716342	VPS50	-0.18	7.38	-4.55	1.52E-05	0.000135	2.53
ILMN_2053415	LDLR	0.54	10.15	4.55	1.52E-05	0.000135	2.53
ILMN_1705468	PIK3CA	0.15	6.91	4.55	1.52E-05	0.0001355	2.53
ILMN_1801697	SYNE4	-0.19	6.80	-4.55	1.53E-05	0.0001357	2.53
ILMN_1689389	SF3B5	-0.23	9.45	-4.55	1.53E-05	0.0001361	2.53
ILMN_2359345	NET1	-0.36	7.81	-4.56	1.53E-05	0.0001362	2.53
ILMN_1811470	PLEK2	0.35	8.23	4.55	1.54E-05	0.0001369	2.52
ILMN_1722838	MRPL46	-0.17	8.05	-4.55	1.54E-05	0.000137	2.52
ILMN_1758673	SLC44A1	-0.35	8.68	-4.55	1.54E-05	0.000137	2.52
ILMN_1744210	SDHA	-0.38	9.14	-4.55	1.55E-05	0.0001376	2.51
ILMN_1779616	SUCLG1	-0.41	10.34	-4.55	1.55E-05	0.0001376	2.52
ILMN_2134974	RAB38	0.18	6.87	4.55	1.55E-05	0.0001379	2.51
ILMN_1693428	TNNC2	-0.20	6.64	-4.55	1.55E-05	0.000138	2.51
ILMN_3241446	ODF3B	0.15	6.74	4.55	1.56E-05	0.000138	2.51
ILMN_1656287	SPOCK2	0.63	8.33	4.55	1.56E-05	0.000138	2.51

ILMN_1744929	PTGER1	0.13	6.51	4.55	1.56E-05	0.0001382	2.51
ILMN_1763568	ZDHC16	-0.19	9.40	-4.55	1.56E-05	0.0001382	2.51
ILMN_3243055	NA	0.19	7.14	4.54	1.57E-05	0.0001395	2.50
ILMN_1674297	HCFC2	0.15	6.83	4.55	1.58E-05	0.0001399	2.51
ILMN_1697544	SLC25A29	0.17	6.88	4.54	1.58E-05	0.0001399	2.49
ILMN_1794989	TMEM191B	-0.21	6.71	-4.54	1.58E-05	0.0001399	2.49
ILMN_2230672	MRPL18	-0.17	9.27	-4.54	1.59E-05	0.0001407	2.49
ILMN_1767658	RRS1	0.26	7.37	4.54	1.59E-05	0.0001409	2.49
ILMN_1785218	MTCH2	-0.19	7.11	-4.54	1.59E-05	0.0001409	2.49
ILMN_2225698	NDUFA10	-0.26	7.78	-4.54	1.59E-05	0.0001409	2.49
ILMN_2041161	DENND4A	0.15	6.85	4.54	1.60E-05	0.0001413	2.48
ILMN_1707484	GEMIN6	0.21	7.74	4.54	1.60E-05	0.0001418	2.48
ILMN_1656386	SEC24D	0.32	7.78	4.54	1.60E-05	0.0001419	2.48
ILMN_1722522	CCNT2	-0.21	8.17	-4.54	1.62E-05	0.0001431	2.47
ILMN_1703430	CCDC94	-0.16	7.56	-4.54	1.63E-05	0.0001436	2.47
ILMN_1746465	FJX1	0.20	6.72	4.54	1.63E-05	0.0001437	2.47
ILMN_1764573	XIST	-1.19	8.01	-4.53	1.64E-05	0.0001445	2.46
ILMN_1722820	KDELR3	0.40	8.10	4.53	1.64E-05	0.0001451	2.46
ILMN_2366634	PKM	0.27	8.84	4.53	1.64E-05	0.0001452	2.46
ILMN_1710000	PEX11G	-0.22	7.28	-4.53	1.65E-05	0.0001459	2.45
ILMN_1814022	NR1H3	-0.28	8.28	-4.53	1.66E-05	0.0001465	2.45
ILMN_2056795	USP9Y	0.17	6.50	4.53	1.66E-05	0.0001468	2.44
ILMN_2350266	FBXO46	0.13	6.83	4.53	1.66E-05	0.0001468	2.44
ILMN_2169801	TPSAB1	0.77	8.33	4.53	1.67E-05	0.0001474	2.44
ILMN_1678814	UBL5	-0.14	6.94	-4.53	1.68E-05	0.000148	2.44
ILMN_1681703	FOXO3	0.20	10.42	4.53	1.68E-05	0.0001484	2.43
ILMN_1798372	ANXA2P3	0.23	6.80	4.53	1.69E-05	0.0001485	2.43
ILMN_1815306	AP2A1	0.16	6.94	4.53	1.69E-05	0.0001488	2.43
ILMN_1732343	SIK3	0.21	8.77	4.53	1.69E-05	0.0001492	2.43
ILMN_1682781	TEAD2	0.28	8.38	4.53	1.70E-05	0.0001494	2.43
ILMN_2368713	NA	0.27	8.07	4.52	1.70E-05	0.0001499	2.42
ILMN_1708936	EXOSC3	0.19	8.74	4.52	1.71E-05	0.00015	2.42
ILMN_1783231	PLEKHB1	0.16	6.86	4.52	1.71E-05	0.00015	2.42
ILMN_1861270	KCNQ3	0.12	6.57	4.52	1.72E-05	0.000151	2.41
ILMN_1660544	ARRDC4	-0.31	7.86	-4.52	1.72E-05	0.0001511	2.41
ILMN_1669898	EGFL7	0.10	6.38	4.52	1.72E-05	0.0001511	2.42
ILMN_1780222	SLC6A7	-0.21	6.91	-4.52	1.72E-05	0.0001512	2.41
ILMN_1673380	GNG12	-0.30	7.80	-4.52	1.72E-05	0.0001512	2.41
ILMN_1674160	BIN1	0.21	8.35	4.52	1.72E-05	0.0001513	2.41
ILMN_1745798	GTF2F2	0.17	9.10	4.52	1.73E-05	0.0001516	2.41
ILMN_1794598	NA	0.20	6.68	4.52	1.73E-05	0.0001518	2.41
ILMN_2345016	PTGES2	-0.22	7.70	-4.52	1.74E-05	0.0001523	2.40
ILMN_1746819	C5	0.18	7.08	4.52	1.74E-05	0.0001525	2.40
ILMN_1795778	P4HA2	-0.27	8.51	-4.52	1.74E-05	0.0001525	2.40
ILMN_1761069	UVRAG	0.20	7.45	4.52	1.74E-05	0.0001525	2.40
ILMN_1766637	GLA	0.27	8.43	4.52	1.75E-05	0.0001532	2.40
ILMN_2075476	GIPC2	-0.19	6.63	-4.52	1.75E-05	0.0001533	2.40
ILMN_1784110	CDK18	-0.22	7.02	-4.52	1.75E-05	0.0001535	2.40

ILMN_1660533	RPN1	0.16	10.82	4.52	1.76E-05	0.0001539	2.39
ILMN_1779401	CHP1	-0.29	10.42	-4.52	1.76E-05	0.0001539	2.39
ILMN_1658301	FAM83E	-0.39	8.11	-4.52	1.76E-05	0.000154	2.40
ILMN_2413599	CALML4	-0.21	7.06	-4.52	1.76E-05	0.0001543	2.39
ILMN_1808245	SBSPON	0.39	6.96	4.52	1.76E-05	0.0001544	2.39
ILMN_1791569	PLXNA1	0.16	6.94	4.52	1.76E-05	0.0001544	2.39
ILMN_1681263	SPINK4	1.28	10.33	4.51	1.77E-05	0.0001546	2.39
ILMN_1805658	LTV1	0.23	8.72	4.51	1.77E-05	0.0001546	2.39
ILMN_3207060	RPL4	0.16	12.94	4.51	1.77E-05	0.0001546	2.39
ILMN_1690922	MAST2	-0.26	7.26	-4.52	1.77E-05	0.0001547	2.39
ILMN_1763144	NEU1	-0.23	7.92	-4.52	1.77E-05	0.0001548	2.39
ILMN_1680774	LOC728392	0.18	7.12	4.51	1.77E-05	0.000155	2.38
ILMN_1655557	INTS6	0.19	8.53	4.51	1.78E-05	0.0001552	2.38
ILMN_1746408	MIDN	0.21	8.94	4.51	1.78E-05	0.0001554	2.38
ILMN_1784641	NDUFA3	-0.24	10.59	-4.51	1.79E-05	0.0001564	2.37
ILMN_1683127	ZNF281	0.25	8.15	4.51	1.79E-05	0.0001564	2.37
ILMN_1746720	TTC39C	0.15	6.70	4.51	1.79E-05	0.0001564	2.37
ILMN_1683660	EIF3H	0.22	9.58	4.51	1.80E-05	0.0001567	2.37
ILMN_3237926	CCNJL	-0.24	6.89	-4.51	1.80E-05	0.0001569	2.37
ILMN_1803956	BOC	0.14	6.40	4.51	1.80E-05	0.0001571	2.37
ILMN_1756767	EIF5B	0.17	7.44	4.51	1.81E-05	0.0001581	2.36
ILMN_1724145	CBX4	0.20	7.09	4.51	1.81E-05	0.0001582	2.37
ILMN_2393296	GK	0.29	7.52	4.51	1.82E-05	0.0001586	2.36
ILMN_2052383	R3HDM1	0.14	6.69	4.51	1.82E-05	0.0001586	2.36
ILMN_1762549	ORAOV1	-0.19	7.69	-4.51	1.83E-05	0.0001596	2.35
ILMN_2159859	LYSMD4	-0.21	7.89	-4.51	1.83E-05	0.0001597	2.35
ILMN_1713682	FBXO11	0.19	8.91	4.50	1.84E-05	0.00016	2.35
ILMN_1739640	DCHS1	0.16	6.85	4.50	1.85E-05	0.0001606	2.35
ILMN_1768958	RASGRP1	0.31	6.84	4.50	1.85E-05	0.0001607	2.34
ILMN_2091792	ENTPD6	-0.29	8.92	-4.50	1.85E-05	0.000161	2.34
ILMN_1709894	CLPX	0.16	7.57	4.50	1.85E-05	0.0001611	2.34
ILMN_1698258	DNAJC8	0.16	10.20	4.50	1.86E-05	0.0001615	2.34
ILMN_3226613	CLEC2D	0.22	7.14	4.50	1.86E-05	0.0001615	2.34
ILMN_2261627	CTLA4	0.20	6.46	4.50	1.86E-05	0.0001616	2.34
ILMN_1680339	PDGFRL	0.19	6.77	4.50	1.86E-05	0.0001618	2.34
ILMN_1671777	FGF13	0.16	6.52	4.50	1.87E-05	0.0001621	2.33
ILMN_1686388	TPM3	-0.28	7.74	-4.50	1.87E-05	0.0001623	2.33
ILMN_2409642	TRO	0.17	6.91	4.50	1.87E-05	0.0001624	2.34
ILMN_1677043	AKR7A2	-0.26	9.86	-4.50	1.87E-05	0.0001626	2.33
ILMN_1690327	CLCN5	-0.11	6.63	-4.50	1.88E-05	0.0001633	2.33
ILMN_1694466	ZBED1	-0.21	9.23	-4.50	1.89E-05	0.0001638	2.32
ILMN_2226324	MPC1	-0.21	10.73	-4.50	1.89E-05	0.0001638	2.33
ILMN_2347949	G6PD	0.19	7.72	4.50	1.89E-05	0.0001639	2.32
ILMN_3307772	PACSIN2	-0.24	7.45	-4.50	1.89E-05	0.0001639	2.32
ILMN_1681301	AIM2	0.44	7.22	4.50	1.90E-05	0.0001643	2.32
ILMN_1689655	HLA-DRA	0.83	11.56	4.50	1.90E-05	0.0001645	2.32
ILMN_1678904	ENO3	-0.18	7.24	-4.50	1.90E-05	0.0001645	2.32
ILMN_1698259	TMEM100	0.25	7.10	4.50	1.90E-05	0.0001647	2.32

ILMN_1694711	MAD2L1BP	-0.21	8.07	-4.50	1.90E-05	0.0001647	2.32
ILMN_2228732	CCNG2	0.30	7.65	4.50	1.91E-05	0.0001652	2.31
ILMN_1755741	DACH1	0.34	7.91	4.49	1.91E-05	0.0001655	2.31
ILMN_1653553	C14orf80	-0.19	7.16	-4.50	1.92E-05	0.0001658	2.31
ILMN_1717163	F13A1	0.68	7.70	4.49	1.92E-05	0.0001661	2.31
ILMN_1768284	P2RY8	0.43	7.21	4.49	1.93E-05	0.0001667	2.30
ILMN_1662483	NA	-0.16	6.73	-4.49	1.93E-05	0.0001667	2.30
ILMN_2157441	HLA-DRA	0.80	12.23	4.49	1.93E-05	0.0001668	2.31
ILMN_2140700	CRIPAK	-0.30	7.77	-4.49	1.93E-05	0.0001668	2.30
ILMN_1754491	IYD	-0.37	7.13	-4.49	1.94E-05	0.0001672	2.31
ILMN_1728845	SMARCD1	0.16	8.62	4.49	1.94E-05	0.0001675	2.30
ILMN_2047511	ADAP1	-0.30	10.61	-4.49	1.94E-05	0.0001675	2.30
ILMN_1745963	FOLR2	0.31	7.07	4.49	1.94E-05	0.0001675	2.30
ILMN_1672403	ADAMTS8	0.15	6.71	4.49	1.95E-05	0.0001679	2.29
ILMN_1815032	SOX7	0.16	6.73	4.49	1.96E-05	0.0001687	2.29
ILMN_1695041	GATA6	-0.16	6.71	-4.49	1.96E-05	0.0001692	2.29
ILMN_2053679	ACADM	-0.30	9.72	-4.49	1.96E-05	0.0001692	2.29
ILMN_2347798	IFI6	0.43	7.84	4.49	1.97E-05	0.0001694	2.29
ILMN_2355549	NA	0.11	6.36	4.49	1.97E-05	0.0001699	2.28
ILMN_1665384	SH3BP5L	-0.17	6.99	-4.49	1.98E-05	0.000171	2.28
ILMN_2337241	RPS15A	0.23	11.74	4.48	1.99E-05	0.0001716	2.27
ILMN_1760890	SEPN1	0.22	8.18	4.48	1.99E-05	0.0001716	2.27
ILMN_1656574	PCGF6	0.19	7.56	4.48	2.00E-05	0.0001724	2.27
ILMN_1717381	HOXD1	-0.39	7.56	-4.48	2.01E-05	0.000173	2.26
ILMN_1859787	NA	-0.18	6.85	-4.48	2.01E-05	0.0001731	2.26
ILMN_3307930	RAN	0.32	10.23	4.48	2.02E-05	0.0001734	2.26
ILMN_1717706	PLK2	0.16	6.65	4.48	2.02E-05	0.0001734	2.26
ILMN_2352724	PIGN	-0.20	7.89	-4.48	2.02E-05	0.0001739	2.26
ILMN_1662174	ORMDL3	-0.18	7.40	-4.48	2.03E-05	0.0001741	2.26
ILMN_2309228	GPS1	-0.14	7.10	-4.48	2.03E-05	0.0001742	2.26
ILMN_2396020	DUSP6	0.33	9.56	4.48	2.04E-05	0.0001754	2.25
ILMN_2380243	SMAGP	-0.26	7.94	-4.48	2.04E-05	0.0001755	2.25
ILMN_1798663	MAB21L2	0.30	7.14	4.48	2.05E-05	0.0001761	2.25
ILMN_2366864	JUP	-0.20	6.96	-4.48	2.05E-05	0.0001763	2.24
ILMN_1732187	TMEM143	-0.13	6.74	-4.48	2.05E-05	0.0001763	2.24
ILMN_1733956	IARS	0.28	8.53	4.48	2.06E-05	0.0001768	2.24
ILMN_3244157	SNORD83B	0.13	6.71	4.47	2.07E-05	0.0001773	2.24
ILMN_1654319	HAPLN3	0.18	6.49	4.47	2.07E-05	0.0001774	2.24
ILMN_1761322	FHOD3	0.15	6.54	4.48	2.07E-05	0.0001777	2.24
ILMN_1784364	STARD5	-0.23	8.07	-4.47	2.07E-05	0.0001778	2.23
ILMN_3244611	MXRA7	0.19	6.62	4.47	2.08E-05	0.000178	2.23
ILMN_1695827	PPP1CA	-0.23	9.25	-4.47	2.09E-05	0.000179	2.23
ILMN_1724658	BNIP3	0.24	7.64	4.47	2.10E-05	0.0001796	2.22
ILMN_1732808	TOX3	-0.23	7.12	-4.47	2.10E-05	0.0001802	2.23
ILMN_1707310	MGLL	-0.13	6.55	-4.47	2.11E-05	0.0001804	2.22
ILMN_1802027	MGST2	-0.27	10.90	-4.47	2.12E-05	0.0001812	2.21
ILMN_1791057	IFNAR2	0.22	7.52	4.47	2.13E-05	0.0001819	2.21
ILMN_1770425	CDIPT	-0.19	7.71	-4.47	2.13E-05	0.0001819	2.21

ILMN_1659761	SNX29	0.21	7.04	4.47	2.13E-05	0.000182	2.21
ILMN_1802109	KLHL29	0.20	7.04	4.47	2.13E-05	0.0001822	2.21
ILMN_1669410	CHGA	-1.09	9.40	-4.47	2.13E-05	0.0001824	2.21
ILMN_1654032	ZER1	-0.17	6.93	-4.47	2.13E-05	0.0001825	2.21
ILMN_1726064	PAK1IP1	0.23	8.17	4.47	2.14E-05	0.0001827	2.21
ILMN_1801378	COQ3	-0.21	8.01	-4.47	2.14E-05	0.000183	2.20
ILMN_3244506	CRSP8P	0.17	7.85	4.46	2.15E-05	0.0001834	2.20
ILMN_3244521	LINC00294	-0.24	7.96	-4.46	2.15E-05	0.0001834	2.20
ILMN_3303101	NA	-0.25	7.44	-4.46	2.15E-05	0.0001837	2.20
ILMN_1748407	NA	-0.20	7.05	-4.47	2.16E-05	0.000184	2.20
ILMN_1776109	ZNF622	-0.22	9.10	-4.46	2.16E-05	0.000184	2.20
ILMN_1678494	ZNF438	0.15	6.86	4.46	2.16E-05	0.0001845	2.19
ILMN_1652379	SUCLG2	-0.34	10.50	-4.46	2.17E-05	0.0001847	2.19
ILMN_2133996	SHE	0.23	7.06	4.46	2.17E-05	0.000185	2.19
ILMN_1737255	LRRRC75B	-0.17	6.89	-4.46	2.17E-05	0.0001851	2.19
ILMN_1728202	SLC35G2	0.15	6.52	4.46	2.18E-05	0.0001853	2.19
ILMN_1767139	NDUFA13	-0.26	8.96	-4.46	2.18E-05	0.0001854	2.19
ILMN_1762972	CHD9	-0.17	9.76	-4.46	2.18E-05	0.0001854	2.19
ILMN_1775114	ENTPD3	0.15	6.56	4.46	2.18E-05	0.0001854	2.19
ILMN_2361570	SNX14	-0.17	8.97	-4.46	2.18E-05	0.0001857	2.19
ILMN_1671209	SYTL2	-0.15	6.77	-4.46	2.19E-05	0.0001861	2.18
ILMN_1762629	ANO9	-0.18	6.85	-4.46	2.19E-05	0.0001862	2.18
ILMN_1893511	NA	-0.15	7.60	-4.46	2.20E-05	0.0001868	2.18
ILMN_1772218	HLA-DPA1	0.86	10.74	4.46	2.20E-05	0.000187	2.18
ILMN_1731433	AOC1	-0.50	10.15	-4.46	2.20E-05	0.0001875	2.18
ILMN_1670302	HK3	0.16	6.55	4.46	2.22E-05	0.0001889	2.17
ILMN_2219712	HMGB2	0.34	8.43	4.46	2.22E-05	0.0001889	2.17
ILMN_1742432	NELFB	-0.21	7.91	-4.46	2.23E-05	0.0001891	2.17
ILMN_1682636	CXCL2	0.54	7.11	4.45	2.23E-05	0.0001894	2.16
ILMN_1812403	BCAP31	-0.23	9.90	-4.45	2.23E-05	0.0001894	2.16
ILMN_2112829	ANKAR	-0.17	6.84	-4.45	2.23E-05	0.0001896	2.16
ILMN_1795762	PLEK	0.53	7.61	4.45	2.24E-05	0.0001898	2.16
ILMN_2226415	MZT1	0.16	6.69	4.45	2.24E-05	0.00019	2.16
ILMN_2408543	PLAUR	0.33	7.24	4.45	2.25E-05	0.0001911	2.16
ILMN_1671263	CACNA1H	0.28	7.29	4.45	2.26E-05	0.0001913	2.15
ILMN_1776998	DNAJA4	-0.20	8.97	-4.45	2.26E-05	0.0001916	2.16
ILMN_2057566	PGP	-0.15	6.75	-4.45	2.26E-05	0.0001916	2.15
ILMN_1756326	CKS2	0.34	8.16	4.45	2.26E-05	0.0001918	2.15
ILMN_1660871	NEK6	0.22	7.63	4.45	2.27E-05	0.0001921	2.15
ILMN_1685625	UCP2	0.51	7.74	4.45	2.27E-05	0.0001924	2.15
ILMN_1804656	COX14	-0.17	7.68	-4.45	2.28E-05	0.0001933	2.14
ILMN_1763080	QARS	-0.21	11.30	-4.45	2.30E-05	0.0001945	2.14
ILMN_2216815	MAP7	-0.28	8.98	-4.45	2.31E-05	0.0001952	2.13
ILMN_1768293	NUP155	0.18	7.39	4.45	2.31E-05	0.0001953	2.13
ILMN_1676296	PLPP1	-0.15	7.05	-4.45	2.32E-05	0.0001959	2.13
ILMN_1666385	CALM3	-0.16	11.62	-4.45	2.32E-05	0.000196	2.13
ILMN_1724497	ABI2	0.17	7.14	4.44	2.32E-05	0.0001961	2.13
ILMN_1813055	MBNL1-AS1	0.21	6.71	4.44	2.33E-05	0.0001966	2.12

ILMN_2066858	TNFSF13B	0.37	8.09	4.44	2.33E-05	0.0001966	2.12
ILMN_1773567	LAMA5	0.41	9.58	4.45	2.33E-05	0.0001967	2.13
ILMN_1801633	ROMO1	-0.17	11.12	-4.44	2.33E-05	0.0001972	2.12
ILMN_3246538	PDE4DIP	0.18	7.03	4.44	2.33E-05	0.0001972	2.12
ILMN_1748555	FAM90A10P	-0.18	6.79	-4.44	2.34E-05	0.0001976	2.12
ILMN_1763640	NCKAP5L	0.13	6.80	4.44	2.35E-05	0.0001983	2.12
ILMN_3219455	HSPD1	0.34	8.50	4.44	2.35E-05	0.0001983	2.11
ILMN_2363586	SDCBP	0.28	9.58	4.44	2.35E-05	0.0001984	2.11
ILMN_1814015	CDH17	-0.47	12.18	-4.44	2.36E-05	0.0001987	2.12
ILMN_1737146	TRAM1	0.20	11.48	4.44	2.36E-05	0.000199	2.11
ILMN_1651684	KIAA0586	0.13	7.02	4.44	2.36E-05	0.0001992	2.11
ILMN_1716276	NA	0.54	7.13	4.44	2.36E-05	0.0001993	2.11
ILMN_3301763	NA	0.20	6.56	4.44	2.37E-05	0.0001997	2.11
ILMN_1727495	L3MBTL3	0.16	7.15	4.44	2.39E-05	0.000201	2.10
ILMN_1704055	NA	0.22	7.25	4.44	2.39E-05	0.0002014	2.10
ILMN_1659926	ST7L	0.14	6.53	4.44	2.39E-05	0.0002014	2.10
ILMN_1720287	E4F1	-0.20	8.82	-4.44	2.40E-05	0.0002017	2.10
ILMN_2198393	KATNA1	0.14	8.02	4.44	2.40E-05	0.0002017	2.10
ILMN_1698668	NR1D2	-0.23	6.93	-4.44	2.41E-05	0.0002025	2.10
ILMN_2073010	TMEM203	-0.17	8.37	-4.44	2.41E-05	0.0002026	2.09
ILMN_1758315	SLC9A9	0.24	6.97	4.43	2.42E-05	0.0002033	2.09
ILMN_1725773	DNAJC12	0.18	6.61	4.43	2.42E-05	0.0002038	2.09
ILMN_1656129	SLC39A10	0.17	6.83	4.43	2.44E-05	0.0002049	2.08
ILMN_1808354	SLC4A7	0.24	6.97	4.43	2.44E-05	0.0002052	2.08
ILMN_1677483	EXOSC1	-0.19	7.51	-4.43	2.44E-05	0.0002052	2.08
ILMN_1788062	SH3GL1	0.12	7.06	4.43	2.44E-05	0.0002052	2.08
ILMN_1652407	ZMYND8	-0.19	7.89	-4.43	2.44E-05	0.0002053	2.08
ILMN_1666178	TP53I13	-0.29	8.96	-4.43	2.45E-05	0.0002056	2.08
ILMN_1709132	ELP2	0.17	7.90	4.43	2.45E-05	0.0002057	2.08
ILMN_1669700	KPNA5	0.11	6.39	4.43	2.46E-05	0.0002061	2.07
ILMN_2264634	UTY	0.15	6.50	4.43	2.46E-05	0.0002061	2.07
ILMN_1681269	DYRK4	0.21	8.16	4.43	2.46E-05	0.0002061	2.07
ILMN_1705953	LONRF1	0.18	7.02	4.43	2.46E-05	0.0002061	2.07
ILMN_1659843	DNAJC3	0.18	6.87	4.43	2.47E-05	0.0002067	2.07
ILMN_2203544	OR2A9P	-0.24	7.04	-4.43	2.48E-05	0.0002078	2.07
ILMN_2220283	HNRNPA1P1	0.23	8.30	4.43	2.48E-05	0.0002078	2.06
ILMN_1763091	ELMSAN1	-0.24	8.86	-4.43	2.48E-05	0.0002081	2.06
ILMN_2409167	ANXA2	0.35	12.56	4.43	2.49E-05	0.0002083	2.06
ILMN_1774250	BPIFA1	-0.12	6.50	-4.43	2.49E-05	0.0002085	2.06
ILMN_2162860	SLFN11	0.30	7.36	4.43	2.49E-05	0.0002086	2.06
ILMN_1654151	COX6C	-0.18	12.10	-4.43	2.50E-05	0.0002089	2.06
ILMN_1805104	ABAT	-0.18	6.69	-4.43	2.50E-05	0.0002092	2.06
ILMN_1797307	BUB1B	0.17	6.83	4.43	2.50E-05	0.0002093	2.06
ILMN_1787345	FKBP11	0.48	9.08	4.43	2.51E-05	0.0002096	2.06
ILMN_2331062	CBFA2T2	-0.15	7.10	-4.42	2.51E-05	0.0002098	2.05
ILMN_1713031	CPQ	0.20	7.06	4.43	2.52E-05	0.0002109	2.05
ILMN_1775742	RNF128	-0.32	8.03	-4.42	2.53E-05	0.0002114	2.05
ILMN_1706505	COL5A1	0.39	9.05	4.42	2.53E-05	0.0002117	2.04

ILMN_1758778	CNTRL	0.22	7.12	4.42	2.54E-05	0.0002121	2.04
ILMN_2349658	TSPO	-0.26	9.48	-4.42	2.54E-05	0.0002121	2.04
ILMN_1736692	SRL	0.14	6.59	4.42	2.55E-05	0.0002127	2.04
ILMN_2367428	FAM96A	-0.26	8.82	-4.42	2.55E-05	0.0002129	2.04
ILMN_1712687	PAK2	0.21	8.51	4.42	2.55E-05	0.000213	2.04
ILMN_1699980	TSPAN18	0.19	6.83	4.42	2.56E-05	0.0002134	2.03
ILMN_3275388	ASS1	-0.40	8.07	-4.42	2.56E-05	0.0002134	2.03
ILMN_1750373	ANOS1	0.12	6.47	4.42	2.56E-05	0.0002137	2.03
ILMN_2182531	TIMM21	-0.24	9.41	-4.42	2.57E-05	0.000214	2.03
ILMN_1659688	LGALS3BP	-0.32	9.17	-4.42	2.57E-05	0.0002142	2.03
ILMN_1717636	RGMA	0.39	7.62	4.42	2.58E-05	0.000215	2.03
ILMN_2405915	MRPS11	-0.18	8.02	-4.42	2.58E-05	0.0002151	2.03
ILMN_2290808	RPL21	0.24	11.27	4.42	2.58E-05	0.0002151	2.03
ILMN_1801441	RFTN2	0.19	6.85	4.42	2.59E-05	0.0002159	2.02
ILMN_3199483	DGAT1	-0.15	6.65	-4.42	2.59E-05	0.000216	2.02
ILMN_1773780	FAM173A	-0.19	7.92	-4.42	2.60E-05	0.0002162	2.02
ILMN_2414325	TNFAIP8	0.35	7.48	4.41	2.61E-05	0.0002168	2.02
ILMN_2379718	RAB24	-0.24	7.99	-4.41	2.61E-05	0.0002171	2.02
ILMN_1711608	SSBP2	0.21	7.38	4.41	2.63E-05	0.0002183	2.01
ILMN_3204275	SARNP	0.13	7.04	4.41	2.63E-05	0.0002183	2.01
ILMN_1776515	MPPE1	-0.29	9.12	-4.41	2.63E-05	0.0002184	2.01
ILMN_1777096	TDG	0.15	9.46	4.41	2.63E-05	0.0002188	2.01
ILMN_1785113	MUT	-0.24	8.86	-4.41	2.64E-05	0.0002195	2.00
ILMN_1691333	ZNF57	-0.14	6.77	-4.41	2.66E-05	0.0002209	2.00
ILMN_1703894	NA	-0.21	6.98	-4.41	2.67E-05	0.0002214	2.00
ILMN_2388701	ST3GALS5	0.18	6.85	4.41	2.68E-05	0.0002221	1.99
ILMN_1690546	PPP3CC	0.25	7.63	4.41	2.68E-05	0.0002222	1.99
ILMN_2211780	SLC25A4	-0.25	9.31	-4.41	2.68E-05	0.0002226	1.99
ILMN_1695413	ZNF429	-0.12	6.46	-4.41	2.70E-05	0.000224	1.98
ILMN_1778886	ZNF345	-0.14	6.76	-4.41	2.70E-05	0.0002241	1.98
ILMN_1744822	BECN1	-0.20	8.93	-4.41	2.70E-05	0.0002241	1.98
ILMN_1790534	MAP2K3	0.31	8.32	4.41	2.70E-05	0.0002241	1.98
ILMN_1811114	SDS	0.23	6.65	4.40	2.72E-05	0.0002255	1.98
ILMN_1756693	ARHGAP17	-0.10	6.49	-4.40	2.72E-05	0.0002256	1.97
ILMN_3285198	SET	0.19	10.91	4.40	2.73E-05	0.0002264	1.97
ILMN_2194561	PLEKHG1	0.24	7.14	4.40	2.74E-05	0.0002271	1.97
ILMN_2081988	LANCL1	0.26	8.89	4.40	2.74E-05	0.0002272	1.97
ILMN_1764362	LYAR	0.26	7.45	4.40	2.75E-05	0.0002279	1.96
ILMN_2190084	VAMP8	-0.32	10.91	-4.40	2.76E-05	0.0002282	1.96
ILMN_1741688	CPXM2	0.25	7.12	4.40	2.76E-05	0.0002287	1.96
ILMN_1752923	IFNAR1	-0.18	7.94	-4.40	2.76E-05	0.0002287	1.97
ILMN_1673899	FAM57A	0.37	7.71	4.40	2.77E-05	0.0002292	1.96
ILMN_1815874	NANS	-0.37	8.98	-4.40	2.78E-05	0.00023	1.95
ILMN_2075643	ANKRD29	0.20	6.78	4.40	2.78E-05	0.00023	1.95
ILMN_1693766	CEP135	0.20	7.41	4.40	2.78E-05	0.0002301	1.95
ILMN_1770035	NCOA5	-0.22	7.70	-4.39	2.81E-05	0.0002325	1.94
ILMN_3282245	NA	0.15	6.66	4.39	2.82E-05	0.0002329	1.94
ILMN_1670970	PPP3CA	0.18	7.27	4.39	2.82E-05	0.0002332	1.94

ILMN_3294322	NA	0.15	6.68	4.39	2.83E-05	0.0002335	1.94
ILMN_1700507	CLASP1	0.16	7.64	4.39	2.84E-05	0.0002341	1.94
ILMN_2354391	NA	-0.20	10.23	-4.39	2.84E-05	0.0002347	1.93
ILMN_1719664	PTPN21	-0.13	6.76	-4.39	2.85E-05	0.0002348	1.93
ILMN_1790315	CFAP69	0.17	7.01	4.39	2.85E-05	0.0002352	1.93
ILMN_1804530	ARPC1B	0.28	8.00	4.39	2.85E-05	0.0002355	1.93
ILMN_1732809	ALG9	0.14	8.08	4.39	2.86E-05	0.0002358	1.93
ILMN_2088124	TMEM154	0.40	7.55	4.39	2.86E-05	0.0002361	1.93
ILMN_2228780	SLC5A11	-0.14	6.52	-4.39	2.86E-05	0.0002361	1.93
ILMN_2180606	NAA50	0.22	7.08	4.39	2.87E-05	0.0002362	1.93
ILMN_1655165	RNF138	-0.24	7.30	-4.39	2.87E-05	0.0002363	1.92
ILMN_1755215	SAMD5	0.23	7.10	4.39	2.87E-05	0.0002364	1.93
ILMN_1753005	RELN	0.11	6.42	4.39	2.88E-05	0.0002375	1.92
ILMN_1690690	SEC23IP	0.17	7.72	4.39	2.89E-05	0.0002375	1.92
ILMN_1718646	MMP15	-0.25	7.30	-4.39	2.91E-05	0.0002394	1.91
ILMN_1724490	PSPC1	0.13	6.85	4.39	2.91E-05	0.0002397	1.91
ILMN_1764754	RAMP1	0.25	6.57	4.39	2.92E-05	0.00024	1.91
ILMN_1658290	METTL22	0.13	7.08	4.39	2.93E-05	0.0002411	1.91
ILMN_1814120	PECR	-0.18	7.04	-4.38	2.93E-05	0.0002411	1.90
ILMN_1722276	PAFAH1B1	-0.21	9.62	-4.38	2.94E-05	0.0002417	1.90
ILMN_1798543	STK17B	0.35	7.56	4.38	2.95E-05	0.0002421	1.90
ILMN_1790160	KIT	0.45	8.08	4.38	2.95E-05	0.0002423	1.90
ILMN_3299520	PRKCB	0.46	7.36	4.38	2.95E-05	0.0002427	1.90
ILMN_2227573	GSTO1	0.21	10.59	4.38	2.96E-05	0.0002432	1.89
ILMN_1724493	LYSMD2	0.34	8.40	4.38	2.99E-05	0.0002454	1.89
ILMN_1718565	CDKN1C	0.15	6.66	4.38	2.99E-05	0.0002456	1.89
ILMN_2089167	RHOD	0.23	6.98	4.38	2.99E-05	0.0002456	1.88
ILMN_3231609	MUC12	-0.37	7.27	-4.38	2.99E-05	0.0002456	1.89
ILMN_1729563	UGDH	-0.45	9.77	-4.38	3.00E-05	0.0002457	1.88
ILMN_1803476	KCTD20	0.22	7.88	4.38	3.00E-05	0.000246	1.88
ILMN_1808501	SH3KBP1	-0.29	9.69	-4.38	3.00E-05	0.0002462	1.88
ILMN_1757467	H1FO	-0.34	10.54	-4.38	3.01E-05	0.0002465	1.88
ILMN_2413808	CD53	0.44	7.54	4.38	3.01E-05	0.0002465	1.88
ILMN_1707137	C17orf97	-0.47	7.76	-4.38	3.01E-05	0.0002467	1.88
ILMN_1729973	ZC3HAV1	0.17	6.92	4.38	3.01E-05	0.0002467	1.88
ILMN_3243831	CAPN6	0.15	6.75	4.38	3.01E-05	0.0002467	1.88
ILMN_1761147	GABPB1	0.21	7.07	4.38	3.02E-05	0.0002469	1.88
ILMN_1654398	RGL1	0.34	8.91	4.38	3.02E-05	0.0002475	1.87
ILMN_2174394	MMS19	-0.15	8.83	-4.38	3.03E-05	0.0002478	1.87
ILMN_1725276	FDCSP	0.90	7.27	4.37	3.04E-05	0.0002484	1.87
ILMN_1696450	KLK1	-0.34	7.63	-4.37	3.04E-05	0.0002484	1.87
ILMN_1690179	CRYM	-0.17	6.77	-4.37	3.04E-05	0.0002487	1.87
ILMN_1705753	CMSS1	0.18	7.11	4.37	3.05E-05	0.0002495	1.87
ILMN_1756541	MXD4	-0.28	9.21	-4.38	3.05E-05	0.0002495	1.87
ILMN_1808657	FMO3	0.16	6.53	4.37	3.05E-05	0.0002496	1.87
ILMN_1774617	NAB1	0.27	8.54	4.37	3.06E-05	0.00025	1.86
ILMN_1687538	ETS1	0.50	9.93	4.37	3.07E-05	0.0002503	1.86
ILMN_3238955	SNORD10	0.11	6.55	4.37	3.07E-05	0.0002506	1.87

ILMN_1755115	RPL23	0.32	10.75	4.37	3.07E-05	0.0002507	1.86
ILMN_2054213	MPHOSPH8	-0.20	7.92	-4.37	3.07E-05	0.0002507	1.86
ILMN_1775522	MAGED1	0.19	10.33	4.38	3.08E-05	0.000251	1.87
ILMN_1746158	HOXD11	-0.57	6.99	-4.37	3.09E-05	0.000252	1.85
ILMN_1672545	GIPC2	-0.16	6.93	-4.37	3.10E-05	0.0002529	1.85
ILMN_2361427	NA	-0.21	6.83	-4.37	3.11E-05	0.0002532	1.85
ILMN_1739283	UPF2	-0.17	8.79	-4.37	3.11E-05	0.0002532	1.85
ILMN_1856634	NFIA	0.23	7.75	4.37	3.11E-05	0.0002537	1.85
ILMN_2110252	NPM3	0.21	7.92	4.37	3.12E-05	0.0002544	1.84
ILMN_1761309	ADCK5	-0.18	7.08	-4.37	3.12E-05	0.0002544	1.84
ILMN_1699574	NRP1	0.34	7.79	4.37	3.13E-05	0.0002547	1.84
ILMN_1719543	MAF	0.30	7.47	4.37	3.13E-05	0.0002552	1.84
ILMN_1807596	UBAP1	0.19	8.06	4.37	3.15E-05	0.0002562	1.84
ILMN_2407389	GPNMB	0.64	8.02	4.37	3.15E-05	0.0002562	1.84
ILMN_1721922	NAB2	0.17	6.91	4.37	3.15E-05	0.0002562	1.84
ILMN_2231021	TMEM185B	0.17	7.02	4.36	3.16E-05	0.0002573	1.83
ILMN_1698766	PYCARD	-0.30	9.44	-4.36	3.17E-05	0.0002582	1.83
ILMN_2162799	AHR	0.19	6.96	4.36	3.18E-05	0.0002582	1.83
ILMN_1703946	ADORA2B	0.44	7.88	4.36	3.18E-05	0.0002586	1.83
ILMN_1720311	SLC25A46	0.22	8.62	4.36	3.18E-05	0.0002586	1.83
ILMN_1741133	NME1	0.33	10.21	4.36	3.20E-05	0.0002598	1.82
ILMN_1787718	SLC27A1	0.13	6.92	4.36	3.20E-05	0.0002598	1.82
ILMN_2103362	ARHGAP27	-0.19	7.33	-4.36	3.21E-05	0.0002608	1.82
ILMN_1718619	TRIM11	-0.17	7.62	-4.36	3.22E-05	0.0002611	1.82
ILMN_1735743	FBLN7	0.13	6.63	4.36	3.23E-05	0.0002622	1.81
ILMN_2324162	SLC45A1	0.14	6.62	4.36	3.23E-05	0.0002622	1.82
ILMN_1668469	KIAA0922	0.35	7.28	4.36	3.24E-05	0.0002626	1.81
ILMN_1669206	CNOT1	-0.15	10.10	-4.36	3.24E-05	0.0002626	1.81
ILMN_1753885	YTHDF1	0.13	8.85	4.36	3.24E-05	0.0002626	1.81
ILMN_1777998	ARHGAP25	0.41	7.45	4.36	3.24E-05	0.0002626	1.81
ILMN_1788223	RSPH3	-0.18	7.35	-4.36	3.24E-05	0.0002626	1.81
ILMN_1666109	MB	-0.48	7.33	-4.36	3.24E-05	0.0002627	1.81
ILMN_2232121	GPR65	0.22	6.86	4.36	3.24E-05	0.0002627	1.81
ILMN_1786893	RBM5	-0.19	10.08	-4.36	3.25E-05	0.000263	1.81
ILMN_1685112	TACO1	-0.24	7.95	-4.36	3.25E-05	0.0002631	1.81
ILMN_3238740	CENPBD1	-0.13	6.78	-4.36	3.26E-05	0.0002639	1.80
ILMN_1666096	ACSL3	-0.19	7.56	-4.36	3.27E-05	0.0002649	1.80
ILMN_1723467	ITGB1	0.21	11.59	4.35	3.28E-05	0.0002653	1.80
ILMN_3237679	PTAR1	-0.21	8.59	-4.35	3.29E-05	0.0002665	1.79
ILMN_1715718	ZNF784	-0.18	6.91	-4.35	3.30E-05	0.0002666	1.79
ILMN_3249184	RIMKLA	-0.15	6.48	-4.35	3.30E-05	0.0002666	1.79
ILMN_2061185	SH2B1	-0.23	7.34	-4.35	3.30E-05	0.0002671	1.79
ILMN_1710482	APLP2	-0.21	8.73	-4.35	3.31E-05	0.0002672	1.79
ILMN_1791873	COG1	-0.13	7.08	-4.35	3.33E-05	0.0002689	1.78
ILMN_1751079	TAP1	0.34	10.13	4.35	3.33E-05	0.000269	1.79
ILMN_1725471	GK	0.25	7.28	4.35	3.35E-05	0.0002705	1.78
ILMN_1685540	SHROOM3	-0.33	10.21	-4.35	3.35E-05	0.0002708	1.78
ILMN_1733811	JUP	-0.32	10.01	-4.35	3.36E-05	0.0002716	1.77

ILMN_2406501	SOD2	0.41	7.22	4.35	3.36E-05	0.0002716	1.77
ILMN_2085441	FOXD4L1	0.11	6.44	4.35	3.37E-05	0.0002721	1.78
ILMN_2255310	RPS15A	0.38	9.46	4.35	3.37E-05	0.0002721	1.77
ILMN_1740233	UGT1A10	-0.47	7.72	-4.35	3.37E-05	0.0002721	1.77
ILMN_2150019	SUCLA2	-0.24	8.44	-4.35	3.38E-05	0.0002726	1.77
ILMN_2326997	DHPS	-0.15	9.03	-4.35	3.38E-05	0.0002726	1.77
ILMN_1749244	LYRM1	0.19	8.89	4.35	3.40E-05	0.0002741	1.76
ILMN_1808041	RPL10A	0.32	10.52	4.35	3.41E-05	0.0002748	1.77
ILMN_2049021	PTTG3P	0.32	7.75	4.34	3.42E-05	0.0002753	1.76
ILMN_1747192	RNF125	-0.22	6.84	-4.34	3.43E-05	0.0002759	1.76
ILMN_2050255	UCKL1	-0.19	8.92	-4.35	3.43E-05	0.0002763	1.76
ILMN_1806787	CSDC2	0.16	6.51	4.34	3.43E-05	0.0002765	1.76
ILMN_1751803	LSM10	0.23	7.64	4.34	3.44E-05	0.0002771	1.75
ILMN_1721669	IDH3B	-0.25	9.75	-4.34	3.46E-05	0.0002785	1.75
ILMN_1654109	EGFLAM	0.24	7.24	4.34	3.46E-05	0.0002788	1.75
ILMN_1764414	SOS2	-0.13	6.89	-4.34	3.48E-05	0.0002799	1.74
ILMN_3227529	RPS13	0.27	8.94	4.34	3.48E-05	0.0002802	1.74
ILMN_1742147	UBL4A	-0.18	7.56	-4.34	3.49E-05	0.0002803	1.74
ILMN_1774074	RXRB	-0.16	8.56	-4.34	3.50E-05	0.0002809	1.74
ILMN_1655195	NA	-0.23	7.81	-4.34	3.50E-05	0.0002815	1.73
ILMN_2391345	RPP25L	-0.12	6.78	-4.34	3.50E-05	0.0002815	1.73
ILMN_1719641	SMOC2	0.27	7.29	4.34	3.53E-05	0.0002832	1.73
ILMN_2370208	CMTM3	0.17	6.68	4.34	3.53E-05	0.0002832	1.73
ILMN_1800412	BMP1	-0.23	7.69	-4.34	3.53E-05	0.0002836	1.73
ILMN_1743303	TTC1	-0.18	7.61	-4.33	3.55E-05	0.0002853	1.72
ILMN_1734486	TSEN15	0.19	7.66	4.33	3.56E-05	0.0002853	1.72
ILMN_2196097	PPP2CA	0.17	9.14	4.33	3.57E-05	0.0002863	1.72
ILMN_1705861	AP1M2	-0.20	7.41	-4.33	3.59E-05	0.0002876	1.71
ILMN_1673892	GK5	-0.19	7.27	-4.33	3.61E-05	0.0002893	1.71
ILMN_1715555	DBP	-0.13	6.65	-4.33	3.61E-05	0.0002893	1.71
ILMN_1671482	GALM	-0.33	8.30	-4.33	3.61E-05	0.0002894	1.71
ILMN_1772123	ACACA	-0.20	7.88	-4.33	3.62E-05	0.0002902	1.70
ILMN_1776522	SLC50A1	-0.30	8.44	-4.33	3.63E-05	0.0002909	1.70
ILMN_1791093	PPHLN1	0.17	8.49	4.33	3.65E-05	0.0002922	1.70
ILMN_2151075	ZNF821	-0.14	6.89	-4.33	3.65E-05	0.0002922	1.70
ILMN_1743711	XPOT	0.26	8.00	4.33	3.65E-05	0.0002923	1.70
ILMN_1723158	NOP2	0.32	8.72	4.32	3.68E-05	0.0002943	1.69
ILMN_1773073	PHYH	-0.41	9.47	-4.32	3.68E-05	0.0002943	1.69
ILMN_2214678	MXD1	-0.37	9.89	-4.32	3.69E-05	0.0002951	1.69
ILMN_1797895	FFAR2	0.16	6.44	4.32	3.70E-05	0.0002963	1.68
ILMN_2369785	SNRPD2	0.18	11.78	4.32	3.71E-05	0.000297	1.68
ILMN_1755822	SYDE1	0.16	6.90	4.32	3.72E-05	0.0002971	1.68
ILMN_1666156	MORF4L2	0.28	9.39	4.32	3.74E-05	0.0002988	1.67
ILMN_1898691	NA	0.16	6.61	4.32	3.74E-05	0.0002991	1.67
ILMN_1695422	NCL	0.24	7.92	4.32	3.75E-05	0.0002994	1.67
ILMN_1677955	ENTPD6	-0.14	6.76	-4.32	3.77E-05	0.0003008	1.67
ILMN_1724544	PPP4R1	0.19	9.26	4.32	3.78E-05	0.0003021	1.66
ILMN_1726189	MS4A14	0.18	6.57	4.32	3.78E-05	0.0003021	1.66

ILMN_2348905	CTLA4	0.19	6.61	4.32	3.79E-05	0.0003028	1.66
ILMN_2395728	HNRNPUL1	0.20	8.48	4.32	3.79E-05	0.0003028	1.66
ILMN_1725912	KLK12	0.36	6.88	4.32	3.80E-05	0.0003029	1.66
ILMN_1701293	COX7A2	-0.17	12.26	-4.32	3.81E-05	0.0003035	1.66
ILMN_2253732	ST8SIA4	0.23	6.99	4.31	3.82E-05	0.0003046	1.65
ILMN_3268403	ZNF667-AS1	0.17	6.85	4.31	3.82E-05	0.0003047	1.65
ILMN_1790797	VPS28	-0.20	8.98	-4.31	3.83E-05	0.000305	1.65
ILMN_2191331	RPS4Y2	0.35	7.01	4.31	3.84E-05	0.000306	1.65
ILMN_2149935	CC2D1B	-0.21	7.31	-4.31	3.84E-05	0.0003062	1.65
ILMN_2177965	RPS19BP1	-0.19	7.69	-4.31	3.84E-05	0.0003062	1.65
ILMN_1670377	NA	-0.14	7.29	-4.31	3.85E-05	0.0003065	1.65
ILMN_1791826	RAB25	-0.33	9.67	-4.31	3.86E-05	0.0003074	1.64
ILMN_1678268	VPS8	-0.16	7.85	-4.31	3.87E-05	0.0003081	1.64
ILMN_1737344	DDX41	-0.14	7.40	-4.31	3.87E-05	0.0003081	1.65
ILMN_1674386	PITX1	0.44	9.40	4.31	3.88E-05	0.0003085	1.64
ILMN_3294642	FLNC	0.15	6.56	4.31	3.88E-05	0.0003086	1.64
ILMN_1778985	PRMT9	0.13	7.05	4.31	3.88E-05	0.0003089	1.64
ILMN_1667043	EIF4A3	0.16	9.93	4.31	3.89E-05	0.0003095	1.63
ILMN_1755942	FFAR4	-0.37	7.49	-4.31	3.90E-05	0.0003099	1.63
ILMN_1754912	GLE1	-0.18	9.42	-4.31	3.92E-05	0.0003118	1.63
ILMN_1902929	NA	-0.16	6.83	-4.31	3.93E-05	0.0003122	1.63
ILMN_1676003	PNOC	0.18	6.64	4.31	3.93E-05	0.0003124	1.62
ILMN_1698144	CFH	0.13	6.45	4.31	3.94E-05	0.0003133	1.62
ILMN_1743427	SCYL3	-0.18	7.72	-4.31	3.95E-05	0.0003139	1.62
ILMN_1801105	PRKCD	-0.24	9.44	-4.31	3.95E-05	0.0003139	1.62
ILMN_2193817	CLEC4G	0.11	6.51	4.31	3.96E-05	0.0003142	1.62
ILMN_1694778	KRT18	-0.46	11.80	-4.30	3.97E-05	0.000315	1.62
ILMN_1773561	RAP2C	0.20	7.99	4.31	3.98E-05	0.0003158	1.62
ILMN_1773063	OSBPL1A	-0.23	7.34	-4.30	4.00E-05	0.0003172	1.61
ILMN_1690077	PPM1A	-0.16	7.03	-4.30	4.01E-05	0.0003178	1.61
ILMN_1654488	KDM6A	-0.27	7.63	-4.30	4.01E-05	0.0003182	1.61
ILMN_2208802	NA	-0.24	8.41	-4.30	4.01E-05	0.0003182	1.61
ILMN_1709032	FYCO1	0.20	8.30	4.30	4.03E-05	0.000319	1.60
ILMN_3181411	ATL1	-0.16	6.79	-4.30	4.04E-05	0.0003198	1.60
ILMN_2174574	HNRNPA3P1	0.12	6.80	4.30	4.06E-05	0.0003212	1.60
ILMN_1761159	ESYT1	0.20	9.09	4.30	4.06E-05	0.0003216	1.59
ILMN_1682139	RAI14	0.31	8.48	4.30	4.08E-05	0.0003228	1.59
ILMN_1735075	PGBD2	-0.17	7.19	-4.30	4.09E-05	0.000324	1.59
ILMN_2153787	ARRDC5	0.16	6.61	4.30	4.10E-05	0.0003241	1.59
ILMN_1749115	RTN2	0.10	6.59	4.30	4.11E-05	0.0003255	1.58
ILMN_1766435	WBP11	0.15	8.97	4.30	4.11E-05	0.0003255	1.58
ILMN_1681008	CGRRF1	-0.15	7.80	-4.29	4.13E-05	0.0003267	1.58
ILMN_1717180	MTMR6	0.18	7.32	4.29	4.13E-05	0.0003268	1.58
ILMN_1766560	ANKHD1-EIF	-0.16	6.94	-4.29	4.14E-05	0.0003269	1.58
ILMN_1656042	KIAA0319L	-0.15	6.97	-4.29	4.14E-05	0.0003275	1.57
ILMN_1675331	PEG3	0.20	6.83	4.29	4.15E-05	0.0003276	1.57
ILMN_1732612	SHB	0.19	7.18	4.29	4.17E-05	0.0003294	1.57
ILMN_2320480	NA	0.14	6.89	4.29	4.18E-05	0.0003298	1.57

ILMN_2372974	SIRPA	0.16	6.80	4.29	4.19E-05	0.0003304	1.57
ILMN_3243238	TPSB2	0.65	8.31	4.29	4.19E-05	0.0003308	1.56
ILMN_1778650	VILL	-0.30	7.70	-4.29	4.20E-05	0.0003314	1.56
ILMN_1664348	PNPLA4	-0.13	6.54	-4.29	4.20E-05	0.0003315	1.56
ILMN_1809590	GINS2	-0.31	7.18	-4.29	4.20E-05	0.0003315	1.57
ILMN_3245792	NA	-0.16	6.70	-4.29	4.20E-05	0.0003316	1.56
ILMN_1763745	CCNJL	-0.16	6.69	-4.29	4.21E-05	0.0003318	1.56
ILMN_1810474	UBE2I	0.18	9.81	4.29	4.21E-05	0.0003318	1.56
ILMN_2315789	PTPRD	-0.31	8.00	-4.29	4.21E-05	0.0003319	1.56
ILMN_1656718	DEF8	0.16	6.75	4.29	4.23E-05	0.0003331	1.56
ILMN_3223126	TYMP	0.19	6.77	4.29	4.25E-05	0.0003351	1.55
ILMN_3251672	DSG2	-0.28	11.47	-4.29	4.26E-05	0.0003354	1.55
ILMN_1726786	TNRC6B	-0.22	9.37	-4.29	4.27E-05	0.0003361	1.55
ILMN_2064725	METTL7B	-0.32	7.60	-4.29	4.27E-05	0.0003362	1.55
ILMN_2400583	USP9X	-0.16	7.09	-4.29	4.28E-05	0.0003366	1.55
ILMN_2160819	RPS27	0.18	13.45	4.29	4.29E-05	0.0003371	1.55
ILMN_2362457	ZDHHC16	-0.14	7.37	-4.28	4.29E-05	0.0003375	1.54
ILMN_1701455	FBXO6	0.19	7.06	4.29	4.30E-05	0.000338	1.55
ILMN_1802631	AGA	0.18	7.49	4.28	4.30E-05	0.000338	1.54
ILMN_1749006	RCSD1	0.22	7.05	4.28	4.31E-05	0.0003384	1.54
ILMN_1758679	TMEM168	-0.22	7.64	-4.28	4.32E-05	0.0003392	1.54
ILMN_1773154	NFKBIA	0.30	11.02	4.28	4.32E-05	0.0003392	1.54
ILMN_2131523	SACS	0.17	6.67	4.28	4.35E-05	0.0003417	1.53
ILMN_2383913	WDR33	0.17	7.14	4.28	4.36E-05	0.0003421	1.53
ILMN_1666976	PLD3	0.28	8.56	4.28	4.36E-05	0.0003425	1.53
ILMN_2408796	MFSD12	0.11	6.44	4.28	4.38E-05	0.0003435	1.53
ILMN_1709334	TM9SF1	-0.14	7.98	-4.28	4.38E-05	0.0003436	1.52
ILMN_2123431	RPS6KC1	0.15	6.94	4.28	4.40E-05	0.0003449	1.52
ILMN_1725620	GGNBP2	-0.14	9.08	-4.28	4.41E-05	0.0003459	1.52
ILMN_2169839	CNBP	0.29	9.24	4.28	4.42E-05	0.0003464	1.51
ILMN_1792409	AMOT	-0.32	7.79	-4.28	4.42E-05	0.0003464	1.51
ILMN_1763347	PIK3CB	-0.20	7.57	-4.28	4.42E-05	0.0003466	1.51
ILMN_1682694	VMA21	0.16	8.83	4.28	4.42E-05	0.0003466	1.51
ILMN_1705107	NA	-0.45	10.03	-4.28	4.43E-05	0.0003467	1.52
ILMN_1763365	FAM103A1	-0.13	7.17	-4.28	4.43E-05	0.0003467	1.51
ILMN_1673548	LGALS1	0.25	7.27	4.27	4.46E-05	0.0003496	1.50
ILMN_1692665	UNC5B	-0.15	6.74	-4.27	4.47E-05	0.0003497	1.50
ILMN_1722648	SF3B4	-0.21	9.71	-4.27	4.47E-05	0.00035	1.50
ILMN_3249667	HLA-DQA2	0.80	9.68	4.27	4.49E-05	0.000351	1.50
ILMN_2154053	KDSR	0.22	8.60	4.27	4.51E-05	0.0003527	1.50
ILMN_1724250	GRN	-0.26	9.31	-4.27	4.53E-05	0.0003544	1.49
ILMN_1755234	SSH3	-0.26	8.02	-4.27	4.56E-05	0.0003563	1.49
ILMN_1700563	ZNF552	-0.12	6.52	-4.27	4.56E-05	0.0003568	1.48
ILMN_1682399	CLOCK	-0.29	7.09	-4.27	4.58E-05	0.0003582	1.48
ILMN_1746396	CTNNB1	0.28	8.83	4.27	4.60E-05	0.0003591	1.48
ILMN_1776678	GIMAP7	0.40	8.55	4.27	4.60E-05	0.0003591	1.48
ILMN_1660794	LBH	0.16	6.64	4.27	4.60E-05	0.0003596	1.47
ILMN_1771051	RPL29	0.21	7.18	4.27	4.61E-05	0.0003599	1.47

ILMN_1813491	SPTLC1	-0.16	9.66	-4.26	4.62E-05	0.0003606	1.47
ILMN_1787657	CLDN12	0.30	9.30	4.26	4.63E-05	0.0003611	1.47
ILMN_1684114	TPI1P2	-0.19	8.38	-4.26	4.63E-05	0.0003612	1.47
ILMN_1760708	NA	-0.17	6.59	-4.26	4.64E-05	0.0003624	1.47
ILMN_2316540	MRPL11	-0.21	8.61	-4.26	4.65E-05	0.0003625	1.47
ILMN_1661196	CSF2RA	0.22	6.86	4.26	4.66E-05	0.0003633	1.46
ILMN_1808769	LINC00467	0.32	7.52	4.26	4.66E-05	0.0003633	1.46
ILMN_1810962	PTPRK	-0.17	9.25	-4.26	4.67E-05	0.000364	1.46
ILMN_1653161	SNCG	0.11	6.34	4.26	4.68E-05	0.0003647	1.46
ILMN_2124951	RBMX	0.21	8.31	4.26	4.68E-05	0.0003647	1.46
ILMN_1681678	CTDSP1	-0.13	6.86	-4.26	4.68E-05	0.0003648	1.46
ILMN_1659659	MAGEH1	0.19	7.16	4.26	4.69E-05	0.0003654	1.46
ILMN_1713993	UBAC2	-0.14	8.40	-4.26	4.69E-05	0.0003654	1.46
ILMN_1726565	PIK3R2	-0.27	9.32	-4.26	4.70E-05	0.0003663	1.45
ILMN_1682095	RCOR3	-0.18	8.72	-4.26	4.71E-05	0.0003665	1.45
ILMN_1777499	AK4	-0.17	6.87	-4.26	4.71E-05	0.0003668	1.45
ILMN_2399016	MMP28	-0.33	8.17	-4.26	4.74E-05	0.0003686	1.45
ILMN_2415157	ARID5A	0.12	6.48	4.26	4.75E-05	0.0003699	1.44
ILMN_1799765	NA	-0.15	6.88	-4.26	4.76E-05	0.0003699	1.44
ILMN_2221014	BAG4	0.13	6.61	4.26	4.77E-05	0.0003712	1.44
ILMN_1706531	ABCC5	0.26	7.92	4.25	4.79E-05	0.0003724	1.44
ILMN_1665559	CDK2	0.21	7.89	4.25	4.80E-05	0.0003729	1.44
ILMN_1656082	NA	-0.15	12.97	-4.25	4.80E-05	0.0003729	1.44
ILMN_3245116	GOLIM4	-0.21	7.29	-4.25	4.81E-05	0.0003734	1.43
ILMN_1802642	TOM1L1	-0.19	7.12	-4.25	4.81E-05	0.0003735	1.43
ILMN_1775703	TRAPPC6A	-0.22	7.71	-4.25	4.82E-05	0.0003745	1.43
ILMN_1792744	SLC13A2	-0.11	6.53	-4.25	4.83E-05	0.0003746	1.43
ILMN_1728024	NA	0.14	7.02	4.25	4.83E-05	0.0003749	1.43
ILMN_1770673	AKNA	0.30	7.92	4.25	4.83E-05	0.0003749	1.43
ILMN_1745811	TDRD3	-0.13	6.91	-4.25	4.89E-05	0.0003791	1.42
ILMN_1768469	TCN1	0.53	6.66	4.25	4.89E-05	0.0003794	1.42
ILMN_1695880	LOX	0.14	6.60	4.25	4.90E-05	0.0003798	1.42
ILMN_3234993	ROMO1	-0.18	10.76	-4.25	4.90E-05	0.0003801	1.42
ILMN_1690911	C16orf87	0.16	7.10	4.25	4.92E-05	0.0003813	1.41
ILMN_1777982	USF1	-0.25	7.96	-4.25	4.93E-05	0.0003824	1.41
ILMN_3188076	RPS7	0.32	8.73	4.25	4.95E-05	0.0003832	1.41
ILMN_1807201	FAM104A	0.16	8.56	4.25	4.96E-05	0.000384	1.40
ILMN_1814966	PIAS3	0.11	6.83	4.25	4.97E-05	0.0003849	1.40
ILMN_1760493	LIMS2	0.20	6.85	4.24	4.98E-05	0.0003853	1.40
ILMN_1784523	ATP6V1G1	0.16	10.36	4.24	4.98E-05	0.0003854	1.40
ILMN_2367671	LIMK2	-0.13	6.67	-4.25	4.99E-05	0.0003858	1.40
ILMN_1791388	ZNF787	-0.20	8.03	-4.24	4.99E-05	0.000386	1.40
ILMN_1741021	CH25H	0.38	7.27	4.25	5.00E-05	0.0003871	1.40
ILMN_2042595	PCM1	0.16	9.43	4.24	5.02E-05	0.0003884	1.39
ILMN_3244070	ABCC6P2	-0.13	6.76	-4.24	5.03E-05	0.0003891	1.39
ILMN_1716089	KANK2	0.25	7.21	4.24	5.05E-05	0.0003904	1.39
ILMN_2231242	HMGB1	0.19	7.71	4.24	5.05E-05	0.0003904	1.39
ILMN_2403851	GGA1	-0.12	6.66	-4.24	5.05E-05	0.0003904	1.39

ILMN_1737164	TM9SF1	-0.15	7.36	-4.24	5.05E-05	0.0003905	1.39
ILMN_2075189	SLC35F2	-0.24	8.75	-4.24	5.13E-05	0.0003961	1.37
ILMN_1745447	HIVEP2	0.15	6.97	4.24	5.14E-05	0.0003965	1.37
ILMN_1756417	ANKRD37	-0.34	7.57	-4.24	5.16E-05	0.0003982	1.37
ILMN_1704253	C6orf106	0.16	7.20	4.23	5.17E-05	0.0003987	1.37
ILMN_2112301	DRAP1	0.22	8.90	4.23	5.17E-05	0.0003987	1.37
ILMN_1770515	UBE2V2	0.15	8.71	4.23	5.17E-05	0.0003989	1.36
ILMN_1684158	GPT2	0.28	7.78	4.24	5.19E-05	0.0003999	1.37
ILMN_1761946	PROM2	-0.45	8.54	-4.23	5.19E-05	0.0004002	1.36
ILMN_1749662	GPX1	0.26	9.78	4.23	5.19E-05	0.0004003	1.36
ILMN_2191313	FAM21A	-0.12	6.59	-4.23	5.20E-05	0.0004006	1.36
ILMN_1899960	NA	-0.17	6.97	-4.23	5.23E-05	0.0004032	1.35
ILMN_1684391	PLOD1	0.19	9.11	4.23	5.27E-05	0.0004062	1.35
ILMN_1670821	TXLNGY	0.63	7.35	4.23	5.29E-05	0.0004075	1.34
ILMN_1773650	LRRN3	-0.19	6.75	-4.23	5.30E-05	0.0004079	1.35
ILMN_2311166	ITGB5	0.20	9.04	4.23	5.30E-05	0.0004081	1.34
ILMN_1708709	KIAA1211	-0.32	8.03	-4.23	5.31E-05	0.0004088	1.34
ILMN_1662026	BTK	0.34	7.29	4.23	5.32E-05	0.0004091	1.34
ILMN_2076640	KHDRBS1	0.15	10.89	4.23	5.32E-05	0.0004091	1.34
ILMN_1752952	MMP28	-0.23	7.24	-4.23	5.34E-05	0.0004106	1.34
ILMN_2095759	OGFRL1	0.12	6.51	4.23	5.34E-05	0.0004106	1.33
ILMN_1689318	NUAK1	0.24	7.85	4.23	5.34E-05	0.0004109	1.33
ILMN_2393450	INF2	-0.27	10.51	-4.23	5.36E-05	0.0004117	1.33
ILMN_3264073	RPS27	0.34	8.75	4.22	5.37E-05	0.0004125	1.33
ILMN_2348487	ADGRE3	0.13	6.36	4.22	5.38E-05	0.000413	1.33
ILMN_1717207	MMP25	0.25	7.09	4.22	5.39E-05	0.0004144	1.32
ILMN_1689831	EPB41L4A-A	-0.12	6.62	-4.22	5.41E-05	0.0004155	1.32
ILMN_1738718	CYB561D2	-0.20	7.83	-4.22	5.44E-05	0.0004173	1.32
ILMN_1790249	F8A1	-0.15	7.19	-4.22	5.44E-05	0.0004176	1.32
ILMN_1651767	MKL1	0.15	6.75	4.22	5.44E-05	0.0004177	1.32
ILMN_1722771	LDHD	-0.15	6.59	-4.22	5.44E-05	0.0004177	1.32
ILMN_1749829	DLGAP5	0.26	7.08	4.22	5.44E-05	0.0004177	1.32
ILMN_3202734	NA	0.22	12.00	4.22	5.46E-05	0.0004187	1.31
ILMN_1664776	EFR3A	0.27	9.28	4.22	5.47E-05	0.0004192	1.32
ILMN_3215156	LINC00543	-0.14	6.69	-4.22	5.48E-05	0.0004202	1.31
ILMN_3238554	SNORA80A	0.22	6.98	4.22	5.50E-05	0.0004212	1.31
ILMN_1654112	PARD6A	0.16	6.77	4.22	5.51E-05	0.0004225	1.30
ILMN_2408572	RNASE4	-0.35	8.59	-4.22	5.52E-05	0.0004225	1.30
ILMN_1776649	LRRK2	0.15	6.62	4.22	5.53E-05	0.0004239	1.30
ILMN_1682312	CYBB	0.31	7.42	4.22	5.54E-05	0.000424	1.30
ILMN_2305544	DBI	-0.27	11.52	-4.22	5.54E-05	0.000424	1.30
ILMN_1749629	CUL1	0.15	8.25	4.22	5.56E-05	0.0004257	1.30
ILMN_1811328	DPP7	0.17	6.96	4.21	5.58E-05	0.0004266	1.29
ILMN_2331636	ACACA	-0.20	8.24	-4.21	5.57E-05	0.0004266	1.29
ILMN_1735552	KIF1B	-0.17	9.46	-4.21	5.58E-05	0.0004267	1.29
ILMN_1750658	HAX1	-0.18	8.32	-4.21	5.58E-05	0.0004269	1.29
ILMN_1703036	WRNIP1	-0.13	6.93	-4.21	5.59E-05	0.0004277	1.29
ILMN_1700428	HLA-DOB	0.41	7.17	4.21	5.60E-05	0.0004278	1.29

ILMN_1711766	SKP1	-0.14	9.43	-4.21	5.60E-05	0.0004279	1.29
ILMN_2310909	ATP2A3	-0.23	8.15	-4.21	5.60E-05	0.0004279	1.29
ILMN_1651642	GPC2	-0.14	6.74	-4.21	5.60E-05	0.000428	1.29
ILMN_1786759	TMEM258	0.17	11.54	4.21	5.62E-05	0.0004294	1.29
ILMN_2189933	RPL36AL	0.16	11.65	4.21	5.62E-05	0.0004294	1.28
ILMN_1730391	MRPS18A	-0.19	7.89	-4.21	5.64E-05	0.0004302	1.28
ILMN_1703263	SP140	0.19	6.51	4.21	5.67E-05	0.0004324	1.28
ILMN_1713380	EIF2B2	0.15	8.30	4.21	5.67E-05	0.0004324	1.28
ILMN_2384188	NFATC1	0.15	6.51	4.21	5.67E-05	0.0004326	1.28
ILMN_3188984	ZFAS1	0.28	9.80	4.21	5.67E-05	0.0004326	1.28
ILMN_1675085	UBA6	0.28	8.20	4.21	5.70E-05	0.0004346	1.27
ILMN_1724293	KDEL2	0.25	9.14	4.21	5.70E-05	0.0004346	1.27
ILMN_2252309	DPP7	0.25	7.88	4.21	5.71E-05	0.000435	1.28
ILMN_3219340	RPL29	0.31	11.61	4.21	5.72E-05	0.000436	1.27
ILMN_2203891	SMAD7	-0.18	7.40	-4.21	5.73E-05	0.0004362	1.27
ILMN_1703593	BAIAP2L1	0.36	8.91	4.21	5.73E-05	0.0004368	1.27
ILMN_1718537	HPS6	-0.20	8.64	-4.21	5.74E-05	0.000437	1.27
ILMN_1685052	DNAH1	-0.16	7.38	-4.21	5.75E-05	0.0004376	1.26
ILMN_1676256	NA	0.75	8.95	4.21	5.76E-05	0.0004381	1.26
ILMN_1740900	BMP4	-0.43	8.68	-4.20	5.78E-05	0.0004401	1.26
ILMN_1675387	LIMS1	0.19	7.26	4.20	5.79E-05	0.0004407	1.26
ILMN_1728230	ZNF30	-0.13	6.99	-4.20	5.80E-05	0.0004413	1.26
ILMN_1784709	GNPDA1	0.24	8.96	4.20	5.81E-05	0.0004417	1.25
ILMN_1799600	STARD8	0.15	6.74	4.21	5.82E-05	0.0004423	1.26
ILMN_1751143	TMEM243	0.31	8.48	4.20	5.83E-05	0.0004432	1.25
ILMN_2057573	ESYT2	0.17	10.52	4.20	5.84E-05	0.000444	1.25
ILMN_1772991	NA	0.11	6.89	4.20	5.85E-05	0.0004444	1.25
ILMN_2306189	MAGED1	0.17	8.31	4.20	5.87E-05	0.0004462	1.24
ILMN_1746492	IFT27	-0.15	7.37	-4.20	5.88E-05	0.0004463	1.24
ILMN_2309848	FXVD5	0.46	9.15	4.20	5.90E-05	0.0004477	1.24
ILMN_2227968	NTHL1	-0.25	7.64	-4.20	5.90E-05	0.0004478	1.24
ILMN_2069128	EPB41L2	0.17	6.72	4.20	5.90E-05	0.0004481	1.24
ILMN_2364272	MBNL2	0.24	8.71	4.20	5.95E-05	0.0004519	1.23
ILMN_1773992	ACKR4	0.15	6.52	4.20	5.98E-05	0.0004536	1.23
ILMN_1810684	TINAG	-0.32	7.35	-4.20	5.98E-05	0.000454	1.23
ILMN_1801934	SERTAD3	0.17	7.65	4.20	5.99E-05	0.000454	1.23
ILMN_2204726	UBR5	0.18	8.04	4.20	5.99E-05	0.0004542	1.23
ILMN_1783712	KNOP1	-0.14	6.84	-4.19	6.00E-05	0.0004549	1.22
ILMN_1882112	NA	0.14	6.63	4.19	6.00E-05	0.0004549	1.22
ILMN_1800331	PTCH1	-0.23	6.88	-4.19	6.01E-05	0.000455	1.22
ILMN_2056551	RBMX2	0.13	7.29	4.19	6.04E-05	0.0004573	1.22
ILMN_1745599	NA	0.12	6.60	4.19	6.04E-05	0.0004578	1.22
ILMN_2413572	MARK2	-0.24	7.54	-4.19	6.05E-05	0.0004584	1.21
ILMN_2052717	GRAMD1C	-0.14	6.60	-4.19	6.07E-05	0.0004596	1.21
ILMN_1713841	NA	-0.14	6.60	-4.19	6.08E-05	0.0004602	1.21
ILMN_2324202	GABRE	0.22	6.96	4.19	6.10E-05	0.0004613	1.21
ILMN_1682857	NDUFAF2	0.24	8.43	4.19	6.11E-05	0.0004623	1.21
ILMN_1750496	ZBTB16	0.13	6.54	4.19	6.11E-05	0.0004623	1.21

ILMN_1791575	HNRNPLL	0.19	7.41	4.19	6.12E-05	0.0004627	1.20
ILMN_2163873	FNDC1	0.31	6.87	4.19	6.12E-05	0.000463	1.20
ILMN_1777061	ZSWIM6	-0.21	8.85	-4.19	6.14E-05	0.0004642	1.20
ILMN_1730660	LGALS3	-0.33	8.18	-4.19	6.14E-05	0.0004644	1.20
ILMN_2123871	TMEM18	-0.14	6.87	-4.19	6.15E-05	0.000465	1.20
ILMN_1733863	UBALD1	0.13	6.86	4.19	6.16E-05	0.0004654	1.20
ILMN_1664994	MINPP1	-0.20	7.19	-4.19	6.21E-05	0.0004692	1.19
ILMN_1779486	FAM126B	-0.22	8.12	-4.18	6.23E-05	0.0004706	1.19
ILMN_2052208	GADD45A	0.24	7.90	4.18	6.25E-05	0.0004718	1.18
ILMN_1811616	EEPD1	0.12	6.70	4.18	6.26E-05	0.0004728	1.18
ILMN_1766762	DYNLRB1	-0.15	8.27	-4.18	6.29E-05	0.0004743	1.18
ILMN_1674344	PARD6G	0.12	6.53	4.18	6.30E-05	0.0004751	1.18
ILMN_2363426	MAX	-0.17	7.20	-4.18	6.31E-05	0.0004757	1.18
ILMN_1652918	RHOF	0.17	6.88	4.18	6.33E-05	0.000477	1.17
ILMN_1713058	PSTPIP2	0.17	6.82	4.18	6.33E-05	0.0004775	1.17
ILMN_1669377	AP4B1	-0.21	8.83	-4.18	6.35E-05	0.0004786	1.17
ILMN_1778836	SRSF7	-0.23	9.07	-4.18	6.36E-05	0.0004791	1.17
ILMN_1699651	IL6	0.59	6.87	4.18	6.36E-05	0.0004793	1.17
ILMN_1801845	DNAL4	-0.24	8.31	-4.18	6.37E-05	0.0004794	1.17
ILMN_1696704	TLE4	0.15	6.77	4.18	6.37E-05	0.0004796	1.17
ILMN_1788931	DOCK8	0.38	7.67	4.18	6.37E-05	0.0004796	1.17
ILMN_1808537	LRRC66	-0.28	7.14	-4.18	6.37E-05	0.0004799	1.17
ILMN_1701711	BRD8	-0.18	7.84	-4.18	6.39E-05	0.000481	1.16
ILMN_2148527	H19	0.27	6.56	4.18	6.40E-05	0.0004816	1.16
ILMN_1671087	C6orf222	-0.21	6.80	-4.18	6.42E-05	0.0004831	1.16
ILMN_1659058	PPP1R10	0.17	7.86	4.18	6.42E-05	0.0004832	1.16
ILMN_2209515	SNORD56	0.15	6.67	4.18	6.43E-05	0.0004836	1.16
ILMN_1666665	COL23A1	0.14	6.68	4.18	6.44E-05	0.000484	1.16
ILMN_1720799	TECR	-0.22	9.74	-4.18	6.44E-05	0.0004844	1.16
ILMN_1778755	TRIL	-0.21	6.83	-4.18	6.45E-05	0.0004846	1.16
ILMN_1653125	PER1	0.15	6.49	4.18	6.46E-05	0.0004852	1.15
ILMN_3243859	NDUFB9	-0.29	9.34	-4.17	6.49E-05	0.0004876	1.15
ILMN_2207504	LEP	0.19	6.58	4.17	6.53E-05	0.0004902	1.14
ILMN_1804148	TMED4	-0.24	8.98	-4.17	6.55E-05	0.0004917	1.14
ILMN_1665235	CRTAP	0.29	7.57	4.17	6.56E-05	0.0004921	1.14
ILMN_2407811	NEURL4	-0.12	6.83	-4.17	6.56E-05	0.0004924	1.14
ILMN_1685641	BCHE	0.22	6.70	4.17	6.59E-05	0.0004946	1.13
ILMN_2134855	PIN4	-0.14	6.84	-4.17	6.61E-05	0.0004956	1.13
ILMN_1696521	EGFR	-0.11	6.74	-4.17	6.63E-05	0.0004974	1.13
ILMN_2214197	TP53INP1	0.44	8.32	4.17	6.65E-05	0.0004987	1.13
ILMN_2376050	FXYD3	-0.57	7.73	-4.17	6.65E-05	0.0004987	1.13
ILMN_1815366	ENGASE	-0.22	7.28	-4.17	6.66E-05	0.0004995	1.12
ILMN_3245403	NA	0.14	13.07	4.17	6.67E-05	0.0004998	1.12
ILMN_1791593	DENND5B	-0.19	7.38	-4.17	6.69E-05	0.0005013	1.12
ILMN_2406654	ABCC6	-0.13	6.72	-4.16	6.72E-05	0.000503	1.12
ILMN_1731609	CHMP6	-0.16	7.33	-4.17	6.72E-05	0.0005032	1.12
ILMN_3238560	IFI27L2	0.30	8.08	4.16	6.76E-05	0.0005058	1.11
ILMN_2344283	FMO3	0.14	6.42	4.16	6.79E-05	0.000508	1.11

ILMN_2098947	NA	-0.18	6.95	-4.16	6.80E-05	0.0005086	1.11
ILMN_2115005	FGD2	0.40	8.62	4.16	6.81E-05	0.0005095	1.11
ILMN_1730645	TMEFF2	0.28	6.50	4.16	6.83E-05	0.0005108	1.10
ILMN_1801941	C1orf50	-0.14	7.98	-4.16	6.83E-05	0.000511	1.10
ILMN_1651692	STK10	0.16	6.91	4.16	6.84E-05	0.0005114	1.10
ILMN_1762091	CATSPERB	0.21	6.70	4.16	6.84E-05	0.0005114	1.10
ILMN_1728677	CREB5	0.14	6.43	4.16	6.88E-05	0.0005138	1.09
ILMN_1743911	SLC25A39	-0.20	9.87	-4.16	6.92E-05	0.0005169	1.09
ILMN_2209766	RHBDD1	0.14	7.15	4.16	6.93E-05	0.0005174	1.09
ILMN_2063925	CTNBL1	0.17	7.97	4.16	6.98E-05	0.0005211	1.09
ILMN_1721022	SHC1	0.18	10.12	4.16	6.98E-05	0.0005215	1.08
ILMN_1727200	SLCO4A1	0.18	6.94	4.15	7.04E-05	0.0005257	1.07
ILMN_1683597	RPL23A	0.18	12.62	4.15	7.05E-05	0.0005259	1.07
ILMN_1705403	CYP2S1	-0.40	8.35	-4.15	7.08E-05	0.0005282	1.07
ILMN_2378376	CYB561	-0.21	8.19	-4.15	7.09E-05	0.000529	1.06
ILMN_1856480	NA	-0.28	8.32	-4.15	7.09E-05	0.0005292	1.06
ILMN_1726204	SCRG1	0.23	6.51	4.15	7.13E-05	0.0005321	1.06
ILMN_1769412	RAPGEF1	0.26	8.80	4.15	7.18E-05	0.000535	1.05
ILMN_1679555	TIMM23	0.17	10.46	4.15	7.18E-05	0.0005353	1.05
ILMN_3238417	RPS4Y1	1.06	8.10	4.15	7.22E-05	0.0005377	1.05
ILMN_2391551	PROSER1	-0.21	8.60	-4.14	7.24E-05	0.0005394	1.05
ILMN_1766797	CCS	-0.14	7.31	-4.14	7.27E-05	0.0005418	1.04
ILMN_1806908	PRKCB	0.59	8.17	4.14	7.27E-05	0.0005418	1.04
ILMN_3307940	DLGAP1-AS1	0.12	6.79	4.14	7.30E-05	0.0005434	1.04
ILMN_1772743	PIGK	0.15	7.74	4.14	7.30E-05	0.0005435	1.04
ILMN_1783142	RPS4Y1	1.65	9.25	4.14	7.30E-05	0.0005435	1.04
ILMN_1709814	NMRAL1	-0.21	8.39	-4.14	7.31E-05	0.0005442	1.04
ILMN_1658821	SAMD1	-0.14	6.87	-4.14	7.33E-05	0.0005451	1.04
ILMN_2307740	CD46	-0.21	9.94	-4.14	7.33E-05	0.0005454	1.03
ILMN_1662964	PRMT3	0.19	8.16	4.14	7.34E-05	0.0005455	1.04
ILMN_3235027	TAF1D	0.12	6.73	4.14	7.34E-05	0.0005455	1.03
ILMN_1659075	HLA-DOA	0.41	7.59	4.14	7.35E-05	0.0005462	1.03
ILMN_1759206	PLS1	-0.37	9.79	-4.14	7.37E-05	0.0005477	1.03
ILMN_1697701	PLEKHJ1	-0.23	7.10	-4.14	7.38E-05	0.0005481	1.03
ILMN_1725680	LRRC1	-0.21	7.33	-4.14	7.41E-05	0.0005505	1.02
ILMN_2079004	MDH2	-0.17	12.04	-4.14	7.41E-05	0.0005505	1.03
ILMN_1779163	AAMDC	-0.25	8.17	-4.14	7.46E-05	0.0005543	1.02
ILMN_1734483	BSDC1	-0.18	9.17	-4.14	7.48E-05	0.0005557	1.01
ILMN_1806561	NR1I2	-0.17	6.77	-4.14	7.49E-05	0.0005561	1.01
ILMN_1711314	NUDT5	0.21	8.42	4.13	7.50E-05	0.0005567	1.01
ILMN_2170814	LAMP3	0.37	7.29	4.13	7.50E-05	0.0005568	1.01
ILMN_1786720	PROM1	-0.47	10.54	-4.13	7.51E-05	0.0005569	1.01
ILMN_1696266	XRCC3	-0.13	6.86	-4.13	7.52E-05	0.000558	1.01
ILMN_1785266	OFD1	-0.16	7.57	-4.13	7.55E-05	0.0005595	1.01
ILMN_1716397	LAYN	0.15	6.69	4.13	7.56E-05	0.0005601	1.00
ILMN_1756669	POGK	0.16	8.85	4.13	7.59E-05	0.0005625	1.00
ILMN_3265365	CEP78	0.14	7.06	4.13	7.59E-05	0.0005627	1.00
ILMN_1809439	HMGB1	0.27	8.30	4.13	7.64E-05	0.0005662	0.99

ILMN_1741350	CEP70	-0.23	7.30	-4.13	7.66E-05	0.000567	0.99
ILMN_3179620	NA	0.15	6.80	4.13	7.66E-05	0.0005672	0.99
ILMN_1653652	PTPRC	0.22	6.66	4.13	7.67E-05	0.0005675	0.99
ILMN_1761684	WNK2	-0.17	6.77	-4.13	7.67E-05	0.0005675	0.99
ILMN_2150402	TMEM64	0.21	6.86	4.13	7.67E-05	0.0005677	1.00
ILMN_1786197	NR2F1	0.20	6.95	4.13	7.68E-05	0.0005684	0.99
ILMN_3246634	NA	-0.22	8.08	-4.13	7.70E-05	0.0005696	0.99
ILMN_2135709	ERICH5	-0.12	6.45	-4.13	7.71E-05	0.0005704	0.99
ILMN_2176592	BCHE	0.36	7.27	4.13	7.72E-05	0.0005707	0.98
ILMN_1794157	CATSPER2P1	-0.13	6.83	-4.13	7.73E-05	0.0005711	0.98
ILMN_1719870	FAM72D	0.10	6.42	4.13	7.75E-05	0.0005724	0.98
ILMN_1808584	COX20	-0.19	8.20	-4.13	7.75E-05	0.0005728	0.98
ILMN_1706390	UGT1A6	0.13	6.38	4.13	7.77E-05	0.0005742	0.98
ILMN_1753196	PTTG1	0.31	7.97	4.12	7.79E-05	0.0005754	0.98
ILMN_1695386	RAD51C	0.16	7.27	4.12	7.81E-05	0.0005764	0.97
ILMN_1653708	CORO1B	-0.21	9.00	-4.12	7.83E-05	0.0005783	0.97
ILMN_1796835	NA	-0.14	6.94	-4.12	7.85E-05	0.0005793	0.97
ILMN_3233135	SLF2	-0.20	7.62	-4.12	7.85E-05	0.0005793	0.97
ILMN_1734445	PKDCC	-0.25	7.15	-4.12	7.87E-05	0.0005806	0.97
ILMN_1814077	ZFPM2	0.14	6.54	4.12	7.87E-05	0.0005806	0.97
ILMN_1679185	LEF1	0.35	7.45	4.12	7.87E-05	0.0005806	0.97
ILMN_1699015	NA	-0.17	12.50	-4.12	7.94E-05	0.0005848	0.96
ILMN_1761464	CD74	0.48	7.88	4.12	7.93E-05	0.0005848	0.96
ILMN_1778561	WEE1	0.23	7.77	4.12	7.94E-05	0.0005848	0.96
ILMN_1874673	NA	-0.11	6.58	-4.12	7.94E-05	0.0005848	0.96
ILMN_1728885	KIAA1644	0.21	6.97	4.12	7.94E-05	0.000585	0.96
ILMN_2075927	STK40	0.21	9.19	4.12	7.98E-05	0.0005876	0.95
ILMN_1761941	FAM198B	0.29	7.92	4.12	8.00E-05	0.0005893	0.95
ILMN_1685005	TNFRSF1A	0.23	9.28	4.12	8.01E-05	0.0005897	0.95
ILMN_1813938	CHCHD4	-0.21	8.47	-4.12	8.03E-05	0.0005908	0.95
ILMN_2364864	MB	-0.33	7.03	-4.12	8.03E-05	0.0005908	0.95
ILMN_1687864	POP5	-0.30	7.31	-4.12	8.05E-05	0.0005926	0.95
ILMN_1667857	RITA1	-0.17	7.37	-4.12	8.06E-05	0.0005927	0.94
ILMN_1749081	AUTS2	-0.27	9.36	-4.12	8.06E-05	0.0005929	0.95
ILMN_3244434	ARAP2	0.22	7.09	4.12	8.07E-05	0.0005937	0.95
ILMN_1651828	CCT3	0.22	8.25	4.11	8.11E-05	0.0005962	0.94
ILMN_2345015	PTGES2	-0.20	8.22	-4.11	8.11E-05	0.0005962	0.94
ILMN_1737965	ELOVL4	0.16	6.82	4.11	8.15E-05	0.0005988	0.93
ILMN_3273154	LINC00261	0.35	7.37	4.11	8.17E-05	0.0006001	0.93
ILMN_1712929	DNAJB12	-0.16	7.23	-4.11	8.19E-05	0.0006013	0.93
ILMN_1804277	SPRED1	0.28	9.61	4.11	8.20E-05	0.0006021	0.93
ILMN_1724609	SLC2A8	-0.31	7.87	-4.11	8.22E-05	0.0006038	0.92
ILMN_1739582	NA	-0.31	8.43	-4.11	8.23E-05	0.0006041	0.92
ILMN_1685580	CBLB	0.24	8.47	4.11	8.26E-05	0.0006065	0.92
ILMN_3237971	SNORD11	0.12	6.75	4.11	8.29E-05	0.0006079	0.92
ILMN_3214532	RPL21P28	0.28	10.28	4.11	8.30E-05	0.0006085	0.92
ILMN_2161556	C12orf49	-0.17	7.39	-4.11	8.33E-05	0.0006108	0.91
ILMN_1708537	RBPJ	0.16	7.79	4.11	8.33E-05	0.0006108	0.91

ILMN_1714489	CIB2	-0.17	6.88	-4.11	8.35E-05	0.0006121	0.91
ILMN_1810275	SLC7A7	0.37	8.17	4.11	8.35E-05	0.0006121	0.91
ILMN_1766528	SLC25A36	-0.17	7.37	-4.11	8.38E-05	0.0006137	0.91
ILMN_1658684	ATP9B	0.14	6.79	4.10	8.39E-05	0.0006149	0.91
ILMN_1718968	NA	-0.20	6.70	-4.10	8.40E-05	0.0006151	0.90
ILMN_1715543	ACOT1	-0.18	7.06	-4.10	8.40E-05	0.0006152	0.90
ILMN_1680996	ALOX5	0.44	8.60	4.10	8.41E-05	0.0006154	0.90
ILMN_2191428	UBB	-0.15	12.82	-4.10	8.41E-05	0.0006154	0.90
ILMN_1696065	SDF4	-0.18	9.10	-4.10	8.42E-05	0.0006159	0.90
ILMN_1729051	MSH6	0.21	9.06	4.10	8.44E-05	0.0006175	0.90
ILMN_1700203	CCDC183	-0.14	6.58	-4.10	8.47E-05	0.0006199	0.90
ILMN_1691789	SMNDC1	0.19	7.78	4.10	8.48E-05	0.0006202	0.90
ILMN_1688526	ARL5A	0.14	10.68	4.10	8.49E-05	0.0006211	0.89
ILMN_1776313	TMEM150B	-0.14	6.78	-4.10	8.55E-05	0.0006253	0.89
ILMN_1703720	SF3B6	0.22	10.28	4.10	8.59E-05	0.0006277	0.89
ILMN_1788180	RAB13	0.19	7.45	4.10	8.60E-05	0.0006285	0.89
ILMN_1790052	NA	0.12	6.72	4.10	8.61E-05	0.0006289	0.88
ILMN_2324056	GNL3	0.26	8.58	4.10	8.61E-05	0.0006289	0.88
ILMN_2405078	OSBPL8	0.14	6.82	4.10	8.62E-05	0.0006298	0.88
ILMN_1683120	UNG	-0.24	8.90	-4.10	8.63E-05	0.0006302	0.88
ILMN_1691535	CUL4B	0.10	6.62	4.10	8.68E-05	0.0006337	0.87
ILMN_1681462	REG1B	0.85	7.13	4.09	8.71E-05	0.0006356	0.87
ILMN_3289195	NA	-0.17	6.95	-4.09	8.72E-05	0.0006366	0.87
ILMN_1658016	ZNF831	0.15	6.42	4.09	8.73E-05	0.000637	0.87
ILMN_2160388	RPL24	0.17	12.58	4.09	8.73E-05	0.000637	0.87
ILMN_1761858	MID1	-0.21	8.29	-4.09	8.76E-05	0.0006391	0.87
ILMN_1676548	BZW2	-0.18	9.31	-4.09	8.82E-05	0.0006426	0.86
ILMN_1684553	RHOH	0.17	6.60	4.09	8.82E-05	0.0006426	0.86
ILMN_1793517	RASAL1	0.15	6.82	4.09	8.85E-05	0.0006445	0.86
ILMN_3230215	TOX2	0.14	6.60	4.09	8.85E-05	0.0006445	0.86
ILMN_1735192	COLEC11	0.13	6.68	4.09	8.85E-05	0.0006445	0.86
ILMN_1653026	PLAC8	-0.48	11.02	-4.09	8.88E-05	0.0006468	0.85
ILMN_2213558	TMED10P1	0.20	10.67	4.09	8.89E-05	0.000647	0.85
ILMN_2358626	ADK	0.21	7.75	4.09	8.90E-05	0.0006482	0.85
ILMN_3239060	KRBA1	0.16	7.05	4.09	8.92E-05	0.0006492	0.85
ILMN_1706094	HECTD1	0.16	9.70	4.09	8.94E-05	0.0006507	0.85
ILMN_1717434	DFNB31	0.13	6.63	4.09	8.98E-05	0.0006529	0.84
ILMN_1711910	ENO4	-0.13	6.61	-4.09	8.99E-05	0.0006535	0.84
ILMN_1785071	SEPP1	-0.39	11.77	-4.09	8.99E-05	0.0006539	0.85
ILMN_1755123	NA	-0.25	8.00	-4.09	9.01E-05	0.0006552	0.84
ILMN_1697189	PNCK	0.34	6.85	4.08	9.04E-05	0.0006567	0.84
ILMN_1798189	COX7C	-0.14	12.64	-4.08	9.04E-05	0.0006567	0.84
ILMN_1687247	SPATA20	-0.21	8.20	-4.08	9.06E-05	0.000658	0.83
ILMN_2090802	TMEM79	-0.21	7.11	-4.08	9.07E-05	0.0006586	0.83
ILMN_1870041	NA	0.23	7.41	4.08	9.10E-05	0.000661	0.83
ILMN_1732923	SIPA1L2	-0.24	8.66	-4.08	9.12E-05	0.0006624	0.83
ILMN_2224833	ADIPOR2	-0.20	9.18	-4.08	9.14E-05	0.0006633	0.82
ILMN_2244547	ETNK1	0.14	6.51	4.08	9.14E-05	0.0006633	0.82

ILMN_1654340	NA	-0.28	7.72	-4.08	9.15E-05	0.0006642	0.82
ILMN_1664855	PPP1R14C	-0.39	7.28	-4.08	9.16E-05	0.0006642	0.82
ILMN_2312149	NA	-0.13	6.94	-4.08	9.15E-05	0.0006642	0.82
ILMN_1690894	HSP90B3P	0.19	7.00	4.08	9.18E-05	0.0006657	0.82
ILMN_1680390	GCNT2	-0.24	7.22	-4.08	9.20E-05	0.0006674	0.82
ILMN_1778560	ZNF3	-0.13	6.82	-4.08	9.26E-05	0.0006713	0.81
ILMN_1741265	CRYBA2	-0.20	6.70	-4.08	9.29E-05	0.0006733	0.81
ILMN_2197381	PCK1	-0.31	7.03	-4.08	9.31E-05	0.0006743	0.81
ILMN_1655126	PI4KAP1	-0.27	8.46	-4.08	9.32E-05	0.0006751	0.81
ILMN_1733538	RGS10	0.34	9.16	4.08	9.32E-05	0.0006751	0.81
ILMN_1684964	ZNF212	-0.19	7.82	-4.08	9.35E-05	0.0006768	0.80
ILMN_1695107	IL20RA	-0.21	7.14	-4.08	9.35E-05	0.0006768	0.80
ILMN_1725700	MOV10	-0.19	7.44	-4.08	9.35E-05	0.0006768	0.80
ILMN_1674665	CPNE2	-0.12	6.60	-4.07	9.36E-05	0.0006775	0.80
ILMN_1808095	RNF41	0.13	6.94	4.07	9.36E-05	0.0006775	0.80
ILMN_1741143	TXK	0.11	6.45	4.07	9.40E-05	0.0006797	0.80
ILMN_1695423	CD9	-0.27	9.59	-4.07	9.41E-05	0.0006803	0.80
ILMN_1768127	EBNA1BP2	0.18	9.46	4.07	9.42E-05	0.0006808	0.80
ILMN_3225300	DYNC1I2	0.20	8.62	4.07	9.45E-05	0.0006828	0.79
ILMN_1786429	LPAR6	0.25	7.74	4.07	9.49E-05	0.0006858	0.79
ILMN_1813277	SUPT3H	0.12	6.65	4.07	9.49E-05	0.0006861	0.79
ILMN_1677505	CCL21	0.63	8.05	4.07	9.50E-05	0.0006863	0.79
ILMN_1714741	NA	-0.17	6.97	-4.07	9.52E-05	0.0006875	0.79
ILMN_1703692	TUBB	0.27	8.81	4.07	9.52E-05	0.0006876	0.79
ILMN_1807088	TTC33	0.13	6.75	4.07	9.52E-05	0.0006876	0.79
ILMN_3292082	NA	-0.14	7.26	-4.07	9.54E-05	0.0006885	0.78
ILMN_1724009	SETD6	-0.15	7.36	-4.07	9.55E-05	0.0006893	0.78
ILMN_1813685	RAB29	0.16	6.78	4.07	9.60E-05	0.0006927	0.78
ILMN_1779010	MAP3K3	0.14	6.76	4.07	9.63E-05	0.0006944	0.78
ILMN_2326282	TMEM259	-0.21	8.29	-4.07	9.65E-05	0.0006957	0.77
ILMN_1773413	DOCK9	0.15	6.99	4.07	9.66E-05	0.0006968	0.77
ILMN_1651415	DERL3	0.17	6.82	4.07	9.68E-05	0.0006977	0.77
ILMN_1804051	SNX8	0.18	7.16	4.06	9.71E-05	0.0007	0.77
ILMN_1759910	SERPINA5	0.16	6.59	4.07	9.73E-05	0.000701	0.77
ILMN_2405680	CRB3	-0.18	7.37	-4.06	9.74E-05	0.0007015	0.76
ILMN_2275502	RAPH1	0.17	6.82	4.06	9.74E-05	0.0007016	0.76
ILMN_1714393	RAB24	-0.14	6.91	-4.06	9.76E-05	0.0007026	0.76
ILMN_2415144	SP110	0.26	8.11	4.06	9.77E-05	0.0007031	0.76
ILMN_1701643	GDPD5	0.13	6.57	4.06	9.79E-05	0.0007045	0.76
ILMN_1661491	SH3GL2	-0.13	6.49	-4.06	9.80E-05	0.0007055	0.76
ILMN_2300186	DYNLL1	-0.18	10.73	-4.06	9.85E-05	0.0007089	0.75
ILMN_1734740	GPR65	0.16	6.76	4.06	9.87E-05	0.0007101	0.75
ILMN_1657870	ABL2	0.12	6.52	4.06	9.95E-05	0.0007156	0.74
ILMN_2186858	ZNF839	-0.22	7.84	-4.06	9.96E-05	0.0007165	0.74
ILMN_1763907	CENPW	0.33	7.89	4.06	9.97E-05	0.0007167	0.74
ILMN_3235832	NA	0.52	7.17	4.06	9.99E-05	0.0007176	0.74
ILMN_3251232	HMGN2	-0.13	6.99	-4.06	9.98E-05	0.0007176	0.74
ILMN_1812721	HIP1R	-0.24	8.79	-4.06	0.0001001	0.0007191	0.74

ILMN_1689908	ANKRD13A	-0.23	9.58	-4.06	0.0001004	0.000721	0.74
ILMN_1682792	BYSL	0.18	7.11	4.06	0.0001005	0.0007222	0.73
ILMN_1676423	CCNC	0.17	7.90	4.05	0.0001008	0.0007239	0.73
ILMN_1887505	NA	-0.12	6.58	-4.05	0.0001011	0.0007257	0.73
ILMN_2043060	PLCH1	-0.13	6.73	-4.05	0.0001011	0.000726	0.73
ILMN_1789463	FXYD1	0.15	6.75	4.05	0.0001012	0.0007265	0.73
ILMN_2174437	CIDEC	0.77	8.31	4.05	0.0001015	0.000728	0.73
ILMN_1774901	GDPD3	-0.40	8.30	-4.05	0.0001018	0.0007301	0.72
ILMN_1771962	GLI3	0.13	6.67	4.05	0.0001019	0.0007305	0.72
ILMN_2305225	NDRG4	0.14	6.75	4.05	0.0001019	0.0007307	0.72
ILMN_1665135	RBBP6	0.12	6.61	4.05	0.000102	0.000731	0.72
ILMN_1676631	CCNO	0.28	7.33	4.05	0.0001025	0.0007343	0.72
ILMN_3246054	MMP19	0.13	6.57	4.05	0.0001026	0.0007353	0.72
ILMN_3239155	NA	-0.12	6.61	-4.05	0.0001027	0.0007356	0.71
ILMN_1767475	CERK	-0.20	8.76	-4.05	0.0001027	0.0007358	0.71
ILMN_1787680	VIMP	-0.18	11.16	-4.05	0.0001027	0.0007358	0.71
ILMN_1742544	MEF2C	0.28	7.41	4.05	0.0001028	0.0007363	0.71
ILMN_1834842	NA	-0.15	6.92	-4.05	0.0001032	0.0007385	0.71
ILMN_1717765	NUDT11	0.11	6.59	4.05	0.0001032	0.0007388	0.71
ILMN_1852384	ERC1	0.15	7.36	4.05	0.0001033	0.0007392	0.71
ILMN_1765409	STAM	0.16	7.49	4.05	0.0001033	0.0007392	0.71
ILMN_1761450	DHRS4L2	-0.21	7.30	-4.05	0.0001035	0.0007401	0.71
ILMN_2119535	RIPK1	-0.21	8.22	-4.05	0.0001036	0.0007411	0.71
ILMN_1792910	MNT	0.21	7.80	4.05	0.0001038	0.0007422	0.70
ILMN_1730084	COMT	0.23	9.05	4.04	0.0001045	0.0007472	0.70
ILMN_2100258	PCDHB16	0.13	6.53	4.04	0.0001046	0.0007475	0.70
ILMN_1766925	CDH13	0.15	6.61	4.04	0.0001047	0.0007479	0.70
ILMN_1808249	MS4A8	-0.40	7.55	-4.04	0.0001047	0.0007479	0.70
ILMN_1676842	BTAF1	0.19	9.06	4.04	0.0001049	0.0007491	0.69
ILMN_1768482	CD8A	0.35	7.45	4.04	0.0001051	0.0007503	0.69
ILMN_1764158	NLGN2	0.17	6.95	4.04	0.0001051	0.0007503	0.70
ILMN_2222991	ETF1	0.18	7.34	4.04	0.0001054	0.0007523	0.69
ILMN_1812616	MYO1C	-0.19	8.01	-4.04	0.0001054	0.0007524	0.69
ILMN_1702691	TNFAIP3	0.37	7.65	4.04	0.0001059	0.0007558	0.68
ILMN_2356068	CDK13	-0.16	7.90	-4.04	0.0001059	0.0007558	0.68
ILMN_1737847	RMND5B	-0.12	6.93	-4.04	0.0001062	0.0007574	0.68
ILMN_1714167	CYB5A	-0.29	9.63	-4.04	0.0001063	0.0007579	0.68
ILMN_2207363	RABAC1	-0.23	8.89	-4.04	0.0001066	0.0007602	0.68
ILMN_1809639	TMEM26	0.16	6.84	4.04	0.0001067	0.0007604	0.68
ILMN_1714108	TP53INP1	0.44	9.27	4.04	0.0001067	0.0007606	0.68
ILMN_1757343	PABPC4	0.29	9.81	4.04	0.0001069	0.0007613	0.68
ILMN_1674506	MED23	-0.13	7.82	-4.04	0.0001069	0.0007616	0.68
ILMN_1713732	ABL1	0.21	8.48	4.04	0.0001072	0.0007636	0.67
ILMN_1692684	SMARCD2	-0.20	7.53	-4.04	0.0001073	0.0007641	0.67
ILMN_2394193	VCPKMT	0.19	7.78	4.04	0.0001076	0.0007657	0.67
ILMN_1716922	DHX16	-0.14	8.88	-4.04	0.000108	0.0007685	0.67
ILMN_1832208	TMEM33	-0.16	9.44	-4.04	0.000108	0.0007685	0.67
ILMN_1680251	SORCS1	0.18	7.10	4.04	0.0001082	0.0007699	0.66

ILMN_1702787	SEMA4A	0.24	7.14	4.03	0.0001085	0.0007715	0.66
ILMN_2352121	NT5C3A	-0.18	10.07	-4.03	0.0001087	0.0007732	0.66
ILMN_1802377	IQCG	0.20	6.99	4.03	0.0001089	0.0007744	0.66
ILMN_1724422	SELL	0.39	6.87	4.03	0.0001091	0.0007755	0.66
ILMN_1716465	RBP7	0.20	6.93	4.03	0.0001094	0.0007773	0.65
ILMN_1718520	RNLS	-0.18	7.65	-4.03	0.0001094	0.0007773	0.65
ILMN_1790881	HNMT	-0.32	8.95	-4.03	0.0001095	0.0007782	0.65
ILMN_2234697	BEX1	0.24	6.76	4.03	0.0001098	0.0007796	0.65
ILMN_2402674	DPM3	-0.21	8.50	-4.03	0.0001098	0.0007796	0.65
ILMN_1688180	ASPSCR1	-0.12	6.76	-4.03	0.0001098	0.0007798	0.65
ILMN_1903159	PPM1A	-0.18	8.37	-4.03	0.0001099	0.0007798	0.65
ILMN_1684520	TSTD2	-0.13	6.92	-4.03	0.0001101	0.0007811	0.65
ILMN_1685917	EMCN	0.14	6.57	4.03	0.0001101	0.0007811	0.65
ILMN_1749641	FBXO3	-0.17	7.39	-4.03	0.0001102	0.0007817	0.65
ILMN_3241834	RPL7	0.25	8.46	4.03	0.0001108	0.0007857	0.64
ILMN_1733421	PRKCQ	0.18	6.89	4.03	0.0001109	0.0007857	0.64
ILMN_1797534	RIOK1	0.15	7.49	4.03	0.0001108	0.0007857	0.64
ILMN_1846517	LOC1005057	-0.19	7.07	-4.03	0.0001108	0.0007857	0.64
ILMN_1764970	JMJD1C	0.22	8.76	4.03	0.0001112	0.0007878	0.64
ILMN_1812226	ICAM1	0.18	6.67	4.03	0.0001113	0.0007889	0.64
ILMN_1773742	DNAJB9	0.33	8.47	4.03	0.0001117	0.0007912	0.63
ILMN_1704531	PTGR1	-0.27	7.81	-4.03	0.0001123	0.0007951	0.63
ILMN_1752935	TMEM30B	-0.29	9.82	-4.03	0.0001123	0.0007955	0.64
ILMN_1661461	NA	-0.16	6.57	-4.02	0.0001128	0.0007984	0.63
ILMN_1791375	NA	-0.28	8.97	-4.02	0.0001128	0.0007985	0.63
ILMN_1721977	NAA10	0.20	7.76	4.02	0.0001131	0.0008003	0.63
ILMN_2400512	PRKCSH	-0.14	6.86	-4.02	0.0001132	0.0008011	0.62
ILMN_1657435	MT1M	-1.02	9.26	-4.02	0.0001134	0.0008018	0.63
ILMN_1665423	ZFP91	-0.14	10.39	-4.02	0.0001134	0.0008018	0.62
ILMN_2323944	FAM110A	0.19	7.27	4.02	0.0001134	0.0008018	0.62
ILMN_1716728	SAYS1	-0.16	7.28	-4.02	0.0001136	0.0008032	0.62
ILMN_1698685	MATN2	0.18	7.21	4.02	0.0001139	0.0008048	0.62
ILMN_3288755	NA	-0.19	7.49	-4.02	0.0001142	0.0008069	0.61
ILMN_1799069	CNOT6L	0.24	7.40	4.02	0.0001143	0.0008074	0.61
ILMN_2331231	NA	0.57	7.39	4.02	0.0001143	0.0008077	0.61
ILMN_1776412	KRTAP10-11	-0.12	6.70	-4.02	0.0001145	0.0008088	0.61
ILMN_1737918	C1QA	0.24	7.18	4.02	0.0001149	0.0008115	0.61
ILMN_3234756	SNORD6	0.11	6.84	4.02	0.0001153	0.0008136	0.61
ILMN_1739083	SIRT1	0.20	7.88	4.02	0.0001155	0.0008152	0.60
ILMN_2186319	TSPAN2	0.12	6.56	4.02	0.0001155	0.0008152	0.60
ILMN_1701596	RPS20	0.19	12.62	4.02	0.0001157	0.0008162	0.60
ILMN_2043816	ARPC5L	0.20	8.29	4.02	0.0001159	0.0008173	0.60
ILMN_1700144	ITGA10	0.17	6.80	4.02	0.0001161	0.0008188	0.60
ILMN_1715702	MAPK1IP1L	0.22	7.33	4.02	0.0001163	0.0008201	0.61
ILMN_1687266	NA	-0.13	6.63	-4.02	0.0001164	0.0008208	0.60
ILMN_1767256	MBTPS1	-0.17	7.64	-4.01	0.0001169	0.000824	0.59
ILMN_1652409	SPATA7	0.17	7.29	4.02	0.000117	0.0008242	0.60
ILMN_1754179	AP1G2	-0.22	8.16	-4.01	0.0001171	0.0008246	0.59

ILMN_1654629	TMEM175	-0.18	8.19	-4.01	0.0001171	0.000825	0.59
ILMN_1682273	SHISA3	0.11	6.55	4.01	0.0001173	0.0008258	0.59
ILMN_1692191	GNA12	0.11	6.50	4.01	0.0001175	0.000827	0.59
ILMN_1657470	YTHDF3	-0.13	8.21	-4.01	0.0001176	0.0008281	0.59
ILMN_1725707	ATG16L1	0.19	8.63	4.01	0.0001181	0.000831	0.58
ILMN_1712914	SEMA6B	0.13	6.70	4.01	0.0001182	0.0008317	0.58
ILMN_1755134	HSPA4	-0.10	6.77	-4.01	0.0001183	0.0008325	0.58
ILMN_1671291	EIF3I	0.19	9.79	4.01	0.0001184	0.0008327	0.58
ILMN_2375830	DIXDC1	0.12	6.81	4.01	0.0001196	0.0008411	0.57
ILMN_1704571	FAM53B	-0.17	8.00	-4.01	0.0001197	0.0008412	0.57
ILMN_1786847	TGM3	-0.16	6.82	-4.01	0.00012	0.0008433	0.57
ILMN_1741204	KLHDC2	-0.28	8.86	-4.01	0.0001202	0.0008444	0.57
ILMN_1808405	HLA-DQA1	0.78	9.24	4.01	0.0001202	0.0008445	0.57
ILMN_1708845	MTNR1A	-0.12	6.53	-4.01	0.0001204	0.0008456	0.56
ILMN_2153485	NMNAT3	-0.17	7.03	-4.01	0.0001206	0.0008466	0.56
ILMN_1721741	NA	-0.19	8.51	-4.01	0.0001206	0.0008468	0.56
ILMN_2264681	LETMD1	-0.14	6.82	-4.00	0.0001208	0.0008482	0.56
ILMN_3261197	ATP5E	-0.22	10.06	-4.00	0.0001211	0.0008498	0.56
ILMN_1656274	PRPF38A	-0.18	7.72	-4.00	0.0001213	0.0008513	0.56
ILMN_1821280	GDF11	0.14	7.16	4.00	0.0001213	0.0008513	0.56
ILMN_1761844	ZCCHC17	0.13	7.80	4.00	0.0001214	0.0008518	0.56
ILMN_1769810	ARL6IP5	0.19	10.62	4.00	0.0001217	0.0008537	0.55
ILMN_1751901	TMEM163	0.25	6.64	4.00	0.000122	0.0008552	0.55
ILMN_1755354	YBX2	-0.41	7.41	-4.00	0.0001222	0.0008564	0.55
ILMN_1683494	TMEM154	0.26	7.31	4.00	0.0001222	0.0008565	0.56
ILMN_2313074	DEDD	0.15	8.15	4.00	0.0001227	0.0008596	0.55
ILMN_1810274	HOXB2	0.22	6.94	4.00	0.0001229	0.0008609	0.54
ILMN_1781795	ERH	0.25	9.59	4.00	0.000123	0.0008615	0.54
ILMN_1749915	RSRP1	-0.34	8.92	-4.00	0.0001233	0.0008635	0.54
ILMN_1665455	DCUN1D3	0.18	7.47	4.00	0.0001234	0.0008642	0.54
ILMN_1659857	SNAP29	-0.17	7.63	-4.00	0.0001236	0.0008651	0.54
ILMN_1746658	RORB	0.10	6.35	4.00	0.0001236	0.0008651	0.54
ILMN_2074044	PLS1	-0.36	10.86	-4.00	0.0001238	0.0008662	0.54
ILMN_2343010	BOLA3	-0.19	9.95	-4.00	0.0001238	0.0008663	0.54
ILMN_2203768	PRR15	-0.20	6.88	-4.00	0.0001243	0.0008692	0.54
ILMN_2333367	FKBP1A	-0.28	8.83	-4.00	0.0001244	0.00087	0.53
ILMN_1746686	POLR1C	0.21	8.42	4.00	0.0001245	0.0008703	0.53
ILMN_1778352	ABCC6	-0.09	6.49	-4.00	0.000125	0.0008737	0.53
ILMN_3223317	PRELID1	-0.25	7.74	-4.00	0.0001251	0.0008745	0.53
ILMN_1753913	WLS	-0.21	7.28	-4.00	0.0001252	0.0008746	0.53
ILMN_1783161	DAB2IP	-0.15	6.86	-4.00	0.0001253	0.000875	0.53
ILMN_1714737	ASF1A	-0.14	7.56	-4.00	0.0001255	0.0008762	0.53
ILMN_3210917	SET	0.15	10.87	3.99	0.0001255	0.0008766	0.52
ILMN_1712896	FST	0.18	6.51	3.99	0.0001257	0.0008774	0.52
ILMN_1743582	NUDT22	-0.21	7.82	-3.99	0.0001257	0.0008777	0.52
ILMN_2119297	SAMD4A	0.12	6.56	3.99	0.0001261	0.00088	0.52
ILMN_1754555	SVOPL	-0.14	6.36	-3.99	0.0001261	0.00088	0.52
ILMN_1749962	NCAM2	0.11	6.41	3.99	0.0001266	0.000883	0.52

ILMN_1667813	RPL7	0.18	12.31	3.99	0.0001269	0.0008848	0.51
ILMN_1767459	POLR3B	-0.17	7.85	-3.99	0.0001274	0.0008885	0.51
ILMN_3243366	KIAA1211L	-0.25	7.60	-3.99	0.000128	0.0008924	0.51
ILMN_1767900	LGI2	0.17	6.63	3.99	0.0001282	0.0008933	0.50
ILMN_1670895	ZNF207	0.15	9.08	3.99	0.0001283	0.0008938	0.50
ILMN_1681679	TSPO	-0.20	11.79	-3.99	0.0001283	0.0008941	0.50
ILMN_1682197	NFXL1	0.14	7.50	3.99	0.0001286	0.000896	0.50
ILMN_1651336	MLYCD	-0.11	6.83	-3.99	0.0001287	0.0008962	0.50
ILMN_2094360	NR2F2	0.23	8.46	3.99	0.0001287	0.0008962	0.50
ILMN_1764090	AK4	-0.24	7.35	-3.99	0.0001288	0.0008966	0.50
ILMN_1728512	YWHAH	-0.15	11.52	-3.99	0.0001288	0.0008966	0.50
ILMN_1669376	DRAM1	0.32	7.52	3.99	0.000129	0.0008975	0.50
ILMN_1651285	BCL6B	0.17	6.92	3.99	0.000129	0.0008977	0.50
ILMN_3291098	RPL29	0.21	11.96	3.99	0.0001291	0.0008978	0.50
ILMN_1723092	CRB3	-0.22	8.38	-3.99	0.0001292	0.0008984	0.50
ILMN_1801257	CENPA	0.23	6.95	3.99	0.0001293	0.0008988	0.50
ILMN_1657373	P3H2	0.54	8.51	3.99	0.0001294	0.0008997	0.50
ILMN_1837935	TNPO1	0.17	8.15	3.99	0.0001298	0.0009026	0.49
ILMN_1757391	TMEM50B	-0.14	7.00	-3.98	0.00013	0.0009033	0.49
ILMN_1767542	THAP10	-0.15	7.15	-3.98	0.0001302	0.0009049	0.49
ILMN_1662328	CNNM3	-0.18	7.91	-3.98	0.0001303	0.000905	0.49
ILMN_3251155	PCBP2	-0.24	7.68	-3.98	0.0001303	0.0009051	0.49
ILMN_3310643	VTRNA2-1	0.16	6.64	3.98	0.0001307	0.0009076	0.49
ILMN_1683792	LAP3	0.27	9.40	3.98	0.0001314	0.000912	0.48
ILMN_1739397	GLMN	0.17	7.72	3.98	0.0001314	0.0009121	0.48
ILMN_2048478	SLC22A3	0.12	6.41	3.98	0.0001317	0.0009141	0.48
ILMN_1701131	C2orf49	0.13	7.06	3.98	0.0001318	0.0009143	0.48
ILMN_2220187	GFPT1	-0.26	9.97	-3.98	0.0001318	0.0009143	0.48
ILMN_1691892	TAGLN2	0.21	7.69	3.98	0.000132	0.0009155	0.48
ILMN_1680424	CTSG	0.62	7.73	3.98	0.0001322	0.0009167	0.48
ILMN_1913641	NA	0.18	6.85	3.98	0.0001323	0.0009169	0.48
ILMN_2334042	THYN1	-0.18	7.98	-3.98	0.0001327	0.0009195	0.47
ILMN_1681467	RAB11FIP4	-0.13	6.73	-3.98	0.000133	0.0009215	0.47
ILMN_1712269	ZNF605	-0.12	6.75	-3.98	0.0001332	0.0009231	0.47
ILMN_2353202	PTK7	0.11	6.69	3.98	0.0001333	0.0009237	0.47
ILMN_1814799	S100A13	0.12	6.43	3.98	0.0001336	0.0009252	0.47
ILMN_1677085	RGS19	0.27	7.45	3.98	0.0001337	0.0009257	0.47
ILMN_1752117	TMEM55A	0.17	6.90	3.98	0.0001339	0.0009266	0.46
ILMN_1654875	CLC	0.53	7.29	3.98	0.000134	0.0009277	0.46
ILMN_1705047	TLR8	0.13	6.45	3.98	0.0001342	0.0009288	0.46
ILMN_1813207	MRPS9	-0.19	8.02	-3.97	0.0001348	0.0009327	0.46
ILMN_2383611	PTPRE	0.23	8.93	3.98	0.0001348	0.0009327	0.46
ILMN_1730879	CBY1	-0.20	7.89	-3.97	0.0001353	0.0009354	0.45
ILMN_1803846	EIF1	0.19	11.00	3.97	0.0001353	0.0009354	0.45
ILMN_2224031	CETN3	-0.19	8.26	-3.97	0.0001353	0.0009354	0.45
ILMN_1750400	C19orf66	0.18	7.19	3.97	0.0001355	0.0009363	0.45
ILMN_1815719	PLCG2	0.58	8.78	3.97	0.0001356	0.000937	0.45
ILMN_1729288	C1QTNF6	-0.16	6.89	-3.97	0.0001356	0.0009371	0.45

ILMN_2123567	SENP2	0.13	7.85	3.97	0.000136	0.0009396	0.45
ILMN_1663444	LIN7B	-0.12	6.62	-3.97	0.0001363	0.0009413	0.45
ILMN_1728830	GRK5	0.15	6.85	3.97	0.0001364	0.0009417	0.45
ILMN_1691702	ZNF775	-0.17	6.87	-3.97	0.0001371	0.0009461	0.44
ILMN_1797861	IL6ST	0.11	6.56	3.97	0.0001375	0.0009494	0.44
ILMN_3243061	SIGLEC14	0.26	6.90	3.97	0.0001376	0.0009497	0.44
ILMN_2231928	MX2	0.35	7.19	3.97	0.0001377	0.0009502	0.44
ILMN_1690682	B3GALT4	-0.17	7.24	-3.97	0.0001379	0.0009505	0.44
ILMN_1751776	CKAP2L	0.22	6.87	3.97	0.0001378	0.0009505	0.44
ILMN_3261278	LINC00526	-0.10	6.59	-3.97	0.0001378	0.0009505	0.44
ILMN_1795918	AGAP3	0.13	7.21	3.97	0.0001382	0.0009527	0.43
ILMN_1814165	SSBP3	-0.13	6.91	-3.97	0.0001384	0.0009538	0.43
ILMN_1754547	R3HDM1	0.18	7.19	3.97	0.0001388	0.0009564	0.43
ILMN_2352448	NSUN5P1	-0.19	7.24	-3.97	0.0001391	0.0009586	0.43
ILMN_2322498	RORA	0.12	6.54	3.97	0.0001392	0.0009587	0.43
ILMN_1796119	ZUFSP	0.13	7.56	3.96	0.0001398	0.0009629	0.42
ILMN_1796762	CCDC102A	0.18	6.93	3.96	0.0001398	0.0009629	0.42
ILMN_1911721	NA	0.19	7.12	3.96	0.0001399	0.0009632	0.42
ILMN_1726421	METTL9	0.13	7.01	3.96	0.00014	0.0009637	0.42
ILMN_2345512	PPP4R1	0.17	8.56	3.96	0.00014	0.0009637	0.42
ILMN_1673543	PGM2	0.15	7.41	3.96	0.0001402	0.0009644	0.42
ILMN_2205882	NSUN7	-0.18	7.04	-3.96	0.0001416	0.0009737	0.41
ILMN_1676792	RPS11	0.29	11.19	3.96	0.0001417	0.0009747	0.41
ILMN_2340027	TSPAN4	0.16	6.83	3.96	0.0001425	0.0009798	0.40
ILMN_1725244	HAT1	0.23	8.28	3.96	0.0001429	0.0009825	0.40
ILMN_1707350	TUSC1	-0.14	6.91	-3.96	0.000143	0.0009826	0.40
ILMN_1707448	CDK12	0.45	7.92	3.96	0.000143	0.0009826	0.40
ILMN_1769383	NA	0.26	7.42	3.96	0.0001432	0.0009839	0.40
ILMN_1809094	NA	-0.18	6.99	-3.96	0.0001436	0.0009862	0.40
ILMN_1666670	RBX1	0.15	9.88	3.96	0.0001436	0.0009865	0.40
ILMN_1682737	CHRD12	0.22	6.65	3.96	0.0001437	0.0009868	0.40
ILMN_1801852	SEC61B	0.21	10.79	3.96	0.0001441	0.0009893	0.39
ILMN_2349610	DPH3	0.15	7.39	3.96	0.0001447	0.0009934	0.39
ILMN_1682572	C2CD5	-0.17	9.29	-3.95	0.000145	0.0009948	0.39
ILMN_1700975	ENSA	0.11	6.35	3.95	0.000145	0.0009948	0.39
ILMN_1712413	RPL39L	0.18	7.00	3.95	0.0001451	0.0009952	0.39
ILMN_1758599	FAM163A	0.10	6.38	3.95	0.0001452	0.0009959	0.39
ILMN_1701947	GPR34	0.33	7.31	3.95	0.0001458	0.0009998	0.38
ILMN_1731418	SP110	0.29	8.40	3.95	0.0001459	0.0010002	0.38
ILMN_1799082	ZNF609	0.11	6.93	3.95	0.000146	0.0010005	0.38
ILMN_1677429	TWIST2	0.13	6.61	3.95	0.0001466	0.0010047	0.38
ILMN_2371433	MID1	-0.13	6.75	-3.95	0.0001466	0.0010047	0.38
ILMN_1768273	POP1	0.11	6.57	3.95	0.000147	0.001007	0.38
ILMN_1670145	DFNA5	0.24	7.24	3.95	0.0001481	0.0010141	0.37
ILMN_1736863	TMEM140	-0.29	7.72	-3.95	0.0001481	0.0010144	0.37
ILMN_1700248	WDR86	0.10	6.49	3.95	0.0001488	0.0010184	0.36
ILMN_1667744	MPPE1	-0.12	6.75	-3.95	0.0001489	0.0010193	0.36
ILMN_1706261	SLCO3A1	0.11	6.66	3.95	0.0001492	0.0010209	0.36

ILMN_1727348	NMD3	0.21	7.75	3.95	0.0001494	0.0010221	0.36
ILMN_2390974	DNAJB2	-0.19	9.09	-3.95	0.0001494	0.0010221	0.36
ILMN_2296860	ADGRE4P	0.13	6.43	3.95	0.0001495	0.0010225	0.36
ILMN_1747593	ISLR	0.23	6.86	3.94	0.0001501	0.0010263	0.36
ILMN_1671326	AGO1	-0.13	7.31	-3.94	0.0001506	0.0010293	0.35
ILMN_1701127	CC2D1A	-0.13	6.94	-3.94	0.0001508	0.0010309	0.35
ILMN_1727098	PPP1R16B	0.37	7.35	3.94	0.0001525	0.0010422	0.35
ILMN_3178013	NA	-0.12	6.55	-3.94	0.0001527	0.0010431	0.34
ILMN_3213531	NA	0.17	11.80	3.94	0.0001527	0.0010431	0.34
ILMN_1692539	SH3BP1	-0.20	7.38	-3.94	0.0001532	0.0010463	0.34
ILMN_1668514	PIP5K1C	0.17	7.49	3.94	0.0001534	0.0010473	0.34
ILMN_2362847	PPARA	-0.15	6.85	-3.94	0.0001534	0.0010476	0.33
ILMN_2128293	APIP	0.31	7.54	3.94	0.0001535	0.0010479	0.33
ILMN_1694233	ACYP1	-0.17	8.21	-3.94	0.000154	0.0010507	0.33
ILMN_1722102	ANAPC11	-0.15	8.61	-3.94	0.0001543	0.0010529	0.33
ILMN_1686109	CCL23	-0.74	8.08	-3.94	0.0001545	0.0010541	0.33
ILMN_1808226	RGS16	0.15	6.55	3.94	0.0001545	0.0010541	0.33
ILMN_1783846	RAPH1	0.19	8.13	3.94	0.0001546	0.0010543	0.33
ILMN_1715569	CCDC53	0.15	8.89	3.94	0.0001548	0.0010551	0.33
ILMN_2363591	SDCBP	0.32	8.99	3.94	0.0001549	0.0010558	0.33
ILMN_1887267	NA	0.16	6.62	3.94	0.0001551	0.0010568	0.32
ILMN_1660787	SUCLA2	-0.20	7.93	-3.93	0.0001558	0.0010614	0.32
ILMN_1798123	ELOVL1	-0.15	7.57	-3.93	0.000156	0.0010627	0.32
ILMN_1800713	B3GALT5	-0.23	6.99	-3.93	0.0001564	0.001065	0.32
ILMN_2249018	LRRC26	-0.44	9.78	-3.93	0.0001567	0.001067	0.31
ILMN_1746836	PTAFR	0.13	6.78	3.93	0.0001568	0.0010675	0.32
ILMN_1697024	STYX	0.18	9.39	3.93	0.0001572	0.0010701	0.31
ILMN_1772951	ST6GALNAC:	-0.41	9.59	-3.93	0.0001578	0.0010738	0.31
ILMN_1725105	EEF1E1	0.24	8.52	3.93	0.000158	0.001075	0.31
ILMN_1786722	ZNF385A	0.12	6.60	3.93	0.0001581	0.0010757	0.31
ILMN_1665049	SPG11	-0.15	9.33	-3.93	0.0001582	0.001076	0.31
ILMN_1687971	CAPN3	-0.18	7.33	-3.93	0.0001584	0.0010772	0.30
ILMN_2381257	DSC2	-0.35	8.53	-3.93	0.0001584	0.0010772	0.30
ILMN_1789990	ARFGEF2	0.13	6.94	3.93	0.0001592	0.0010822	0.31
ILMN_1661490	PFDN6	-0.17	7.63	-3.93	0.0001594	0.0010832	0.30
ILMN_1686360	ZNF124	-0.12	6.75	-3.93	0.0001595	0.0010837	0.30
ILMN_1666775	CACNA1C	0.20	6.72	3.93	0.0001596	0.0010841	0.30
ILMN_1807031	C14orf28	-0.17	7.39	-3.93	0.0001603	0.0010884	0.29
ILMN_3214389	HLA-DQB1	0.56	8.24	3.93	0.0001603	0.0010884	0.29
ILMN_1805992	SHTN1	-0.20	9.05	-3.92	0.0001613	0.0010952	0.29
ILMN_2097546	NUDC	0.16	9.90	3.92	0.0001617	0.0010977	0.29
ILMN_2400352	PIDD1	-0.16	6.82	-3.92	0.0001619	0.0010989	0.28
ILMN_1661170	NDUFB8	-0.15	11.13	-3.92	0.0001622	0.0011005	0.28
ILMN_1691444	UHRF2	0.19	7.44	3.92	0.0001622	0.0011006	0.29
ILMN_1727617	XRN2	0.20	7.69	3.92	0.0001625	0.0011019	0.28
ILMN_1748123	KLHL14	0.16	6.50	3.92	0.0001625	0.0011019	0.28
ILMN_2158336	SH3GLB2	-0.25	9.87	-3.92	0.0001626	0.0011023	0.28
ILMN_2294978	ANG	-0.27	8.34	-3.92	0.0001629	0.0011041	0.28

ILMN_1720850	BAZ2B	0.17	9.22	3.92	0.0001631	0.0011051	0.28
ILMN_1657295	CPA6	-0.18	6.71	-3.92	0.000164	0.0011108	0.28
ILMN_1791332	ATP50	-0.15	11.41	-3.92	0.0001639	0.0011108	0.27
ILMN_2171295	CDK14	0.17	6.71	3.92	0.000164	0.0011108	0.27
ILMN_2403047	ARL13B	0.12	6.72	3.92	0.0001642	0.0011117	0.27
ILMN_1688670	CDCP1	-0.16	6.92	-3.92	0.0001643	0.0011121	0.27
ILMN_1656069	LINC00482	-0.13	6.53	-3.92	0.0001647	0.0011151	0.27
ILMN_2221564	LYAR	0.23	8.46	3.92	0.000166	0.0011236	0.26
ILMN_1782953	MMP19	0.12	6.39	3.92	0.0001663	0.001125	0.26
ILMN_1809400	FAM49B	0.20	7.28	3.92	0.0001664	0.0011259	0.26
ILMN_1672121	CCDC184	0.11	6.37	3.91	0.0001684	0.0011388	0.25
ILMN_1771852	ZNF575	-0.14	6.57	-3.91	0.0001685	0.0011395	0.25
ILMN_1796976	NLRC4	0.12	6.51	3.91	0.0001687	0.0011408	0.25
ILMN_1745356	CXCL9	0.50	7.16	3.91	0.0001693	0.0011444	0.24
ILMN_2373099	ZCCHC11	0.18	7.10	3.91	0.0001703	0.0011508	0.24
ILMN_1729167	EFL1	-0.16	7.61	-3.91	0.0001707	0.0011534	0.24
ILMN_1689088	COLEC12	0.35	7.88	3.91	0.0001713	0.0011567	0.23
ILMN_1766165	SNCA	0.15	6.60	3.91	0.0001713	0.0011567	0.24
ILMN_1853631	NA	-0.13	6.89	-3.91	0.0001712	0.0011567	0.24
ILMN_1660869	NA	-0.11	7.05	-3.91	0.0001722	0.0011627	0.23
ILMN_2341952	MRPL35	-0.22	9.33	-3.91	0.0001722	0.0011627	0.23
ILMN_2339863	VPS28	-0.20	8.07	-3.91	0.0001726	0.0011647	0.22
ILMN_1692936	OVOL1	-0.13	6.72	-3.91	0.0001727	0.0011653	0.22
ILMN_1755504	CALCOCO2	-0.17	7.54	-3.91	0.0001731	0.0011677	0.22
ILMN_2397199	NDEL1	0.15	6.81	3.91	0.0001731	0.0011677	0.22
ILMN_2359710	PTP4A3	0.19	6.77	3.90	0.0001736	0.0011708	0.22
ILMN_1795905	ZBTB4	0.16	7.14	3.90	0.0001743	0.001175	0.21
ILMN_1773337	DKK1	0.24	6.63	3.90	0.0001744	0.0011757	0.21
ILMN_1735453	FAM98A	0.25	8.89	3.90	0.0001749	0.0011789	0.21
ILMN_3235928	CYTIP	0.13	6.50	3.90	0.000175	0.001179	0.21
ILMN_1728844	PTPRN2	-0.14	6.88	-3.90	0.000175	0.0011793	0.21
ILMN_2369666	CR2	0.78	7.55	3.90	0.0001751	0.0011798	0.21
ILMN_2143155	KIF11	0.23	7.10	3.90	0.0001759	0.0011849	0.21
ILMN_1715024	LSS	-0.27	8.01	-3.90	0.000176	0.001185	0.21
ILMN_1652580	POLD1	-0.13	6.78	-3.90	0.0001761	0.0011857	0.20
ILMN_1739792	RHOG	0.22	9.27	3.90	0.0001769	0.001191	0.20
ILMN_3201937	NA	0.19	7.43	3.90	0.000177	0.0011912	0.20
ILMN_2382829	PRDX2	-0.24	8.72	-3.90	0.0001771	0.0011917	0.20
ILMN_1655563	CTIF	0.13	6.85	3.90	0.0001774	0.0011935	0.20
ILMN_1715131	CCR7	0.57	7.45	3.90	0.0001777	0.001195	0.20
ILMN_3250899	NA	-0.27	7.58	-3.90	0.0001785	0.0012005	0.19
ILMN_2407464	FASTK	-0.19	8.33	-3.90	0.0001793	0.0012053	0.19
ILMN_3241878	RNU6ATAC	0.22	6.59	3.90	0.0001796	0.0012075	0.19
ILMN_1657746	BPHL	-0.20	7.83	-3.89	0.0001799	0.0012093	0.18
ILMN_2237428	SCD5	0.12	6.63	3.89	0.0001807	0.0012143	0.18
ILMN_1663631	BANP	-0.21	9.70	-3.89	0.000181	0.0012162	0.18
ILMN_2312194	CYB5A	-0.30	8.86	-3.89	0.0001818	0.0012208	0.18
ILMN_1664216	NKIRAS1	0.16	7.07	3.89	0.0001822	0.001223	0.17

ILMN_1791508	MMP28	-0.19	6.93	-3.89	0.0001822	0.001223	0.17
ILMN_1787193	CYP2S1	-0.17	6.87	-3.89	0.0001834	0.0012313	0.17
ILMN_1679837	SGPP1	0.10	6.50	3.89	0.0001835	0.0012316	0.17
ILMN_3271218	NA	-0.11	6.71	-3.89	0.0001838	0.0012333	0.16
ILMN_1744138	CHCHD7	-0.15	8.22	-3.89	0.0001841	0.0012348	0.16
ILMN_2079803	LSM14A	0.14	9.36	3.89	0.0001843	0.001236	0.16
ILMN_1689002	DTX1	0.18	6.60	3.89	0.0001845	0.0012374	0.16
ILMN_1696127	GLTSCR1L	-0.14	8.72	-3.89	0.0001846	0.0012377	0.16
ILMN_3241957	D2HGDH	-0.22	6.98	-3.89	0.0001849	0.0012395	0.16
ILMN_1705892	SH2D1A	0.37	7.42	3.89	0.0001852	0.001241	0.16
ILMN_2124064	REL	0.15	6.67	3.89	0.0001853	0.0012414	0.16
ILMN_1717262	PROCR	0.23	7.60	3.89	0.0001854	0.0012422	0.16
ILMN_2370296	ENAH	0.19	6.87	3.89	0.000186	0.0012459	0.15
ILMN_3237956	ZC3H12C	-0.24	7.98	-3.88	0.0001865	0.0012488	0.15
ILMN_2404065	APP	-0.34	9.92	-3.88	0.0001867	0.0012504	0.15
ILMN_2379520	HAGH	-0.14	6.74	-3.88	0.0001869	0.0012509	0.15
ILMN_1759089	DEFA6	1.59	8.62	3.88	0.000187	0.0012519	0.15
ILMN_1790309	PINX1	0.13	6.75	3.88	0.0001871	0.0012521	0.15
ILMN_1729611	REEP4	-0.15	6.85	-3.88	0.0001874	0.0012536	0.15
ILMN_1758337	ZNF213	-0.14	6.97	-3.88	0.0001874	0.0012538	0.15
ILMN_1705210	GRASP	-0.18	6.92	-3.88	0.0001875	0.0012542	0.15
ILMN_1667977	TAF1B	0.13	6.91	3.88	0.0001878	0.0012556	0.14
ILMN_1746846	TTL4	0.11	6.75	3.88	0.0001881	0.0012572	0.14
ILMN_2371079	HTR3A	0.25	6.63	3.88	0.0001881	0.0012572	0.14
ILMN_1739683	LRRC6	0.16	6.66	3.88	0.0001883	0.0012583	0.14
ILMN_1713406	NA	-0.23	9.56	-3.88	0.000189	0.0012627	0.14
ILMN_1756937	ST8SIA4	0.17	6.81	3.88	0.0001893	0.0012646	0.14
ILMN_3230160	PCLO	-0.12	6.52	-3.88	0.00019	0.0012688	0.13
ILMN_1716086	WDR33	0.14	7.01	3.88	0.0001907	0.0012722	0.13
ILMN_1758938	SLC31A2	0.22	7.72	3.88	0.0001906	0.0012722	0.13
ILMN_1778177	ZNF207	0.16	9.55	3.88	0.0001906	0.0012722	0.13
ILMN_1813191	NA	-0.26	7.56	-3.88	0.0001906	0.0012722	0.13
ILMN_3225938	NA	0.11	13.28	3.88	0.0001905	0.0012722	0.13
ILMN_1709439	CHMP1A	-0.22	8.66	-3.88	0.0001913	0.0012759	0.13
ILMN_2202481	UBLCP1	0.21	8.17	3.88	0.0001914	0.0012766	0.13
ILMN_1729161	NOTCH1	-0.21	8.49	-3.88	0.0001915	0.0012769	0.13
ILMN_1780546	OSM	0.39	6.78	3.88	0.0001915	0.0012769	0.13
ILMN_1729318	TOR1AIP1	0.25	8.96	3.87	0.0001935	0.00129	0.12
ILMN_1673649	HYOU1	0.21	7.62	3.87	0.0001938	0.0012913	0.11
ILMN_1661554	DIAPH1	0.20	7.55	3.87	0.0001945	0.0012961	0.11
ILMN_1672461	SPPL2B	-0.15	7.03	-3.87	0.0001947	0.0012972	0.11
ILMN_2380740	MTO1	0.12	7.97	3.87	0.0001961	0.0013062	0.11
ILMN_1700232	FBXO30	0.19	7.78	3.87	0.0001966	0.0013092	0.11
ILMN_1803925	MTMR3	-0.12	6.83	-3.87	0.0001967	0.0013096	0.10
ILMN_1672081	NEURL1	-0.13	6.51	-3.87	0.000197	0.0013112	0.10
ILMN_1704139	DHRX	-0.13	6.81	-3.87	0.0001975	0.0013144	0.10
ILMN_3238058	NA	-0.23	10.16	-3.87	0.0001977	0.0013154	0.10
ILMN_1659463	APAF1	-0.26	8.64	-3.87	0.000198	0.0013172	0.10

ILMN_2330243	NUDT1	0.23	7.59	3.87	0.0001987	0.001322	0.09
ILMN_2395652	PTGFR	0.12	6.73	3.87	0.000199	0.0013233	0.10
ILMN_2225144	EIF4E3	-0.20	8.82	-3.87	0.0001992	0.0013247	0.09
ILMN_1897213	NA	-0.11	6.50	-3.87	0.0001994	0.0013257	0.09
ILMN_2077952	GALNT16	0.10	6.54	3.87	0.0001995	0.001326	0.09
ILMN_1720526	CENPN	0.23	7.34	3.86	0.0002	0.0013288	0.09
ILMN_1804339	CAMK1G	0.50	7.44	3.86	0.0002012	0.0013365	0.08
ILMN_2145423	DET1	-0.12	7.00	-3.86	0.0002014	0.0013376	0.08
ILMN_1740555	SNAP25	0.16	6.65	3.86	0.0002017	0.0013398	0.08
ILMN_1710221	GPR35	-0.20	7.19	-3.86	0.0002026	0.0013455	0.08
ILMN_1772713	BMS1	0.17	8.82	3.86	0.0002033	0.0013494	0.07
ILMN_1735156	SLC4A11	0.15	6.53	3.86	0.0002035	0.0013508	0.07
ILMN_2257833	BBS7	0.14	7.40	3.86	0.0002036	0.0013512	0.07
ILMN_2181064	GBA3	-0.53	7.23	-3.86	0.0002041	0.0013541	0.07
ILMN_2192694	EIF3M	0.22	8.63	3.86	0.0002043	0.001355	0.07
ILMN_2403889	PRMT5	0.13	7.85	3.86	0.0002046	0.0013571	0.06
ILMN_1711878	ENOPH1	0.20	8.41	3.86	0.0002048	0.0013583	0.06
ILMN_1655694	NA	-0.13	7.69	-3.86	0.0002052	0.0013606	0.06
ILMN_1804611	TMEM263	0.15	6.88	3.86	0.0002054	0.0013618	0.06
ILMN_1804454	FAM135A	-0.23	7.88	-3.86	0.0002058	0.0013642	0.06
ILMN_2073758	MMP12	0.95	8.65	3.86	0.0002062	0.0013662	0.06
ILMN_2353732	CD8A	0.34	7.42	3.86	0.0002065	0.001368	0.05
ILMN_1670099	NOSTRIN	0.30	8.75	3.86	0.0002068	0.0013696	0.05
ILMN_1716766	CEBPG	-0.19	9.65	-3.85	0.0002074	0.0013736	0.05
ILMN_2152429	C12orf76	-0.13	7.02	-3.85	0.0002075	0.0013736	0.05
ILMN_1676014	DHRS4L1	-0.22	7.90	-3.86	0.0002078	0.0013756	0.05
ILMN_2142284	SLC25A43	-0.33	8.63	-3.85	0.0002084	0.0013793	0.05
ILMN_1792242	C8orf44	-0.12	6.76	-3.85	0.0002091	0.0013835	0.04
ILMN_1815024	PRDX5	-0.36	10.24	-3.85	0.0002092	0.0013842	0.04
ILMN_1716272	KBTBD8	0.30	7.31	3.85	0.0002097	0.001387	0.04
ILMN_1670130	ARID3A	0.24	7.56	3.85	0.0002098	0.0013877	0.04
ILMN_1747197	SLC41A2	-0.16	7.27	-3.85	0.0002105	0.0013918	0.04
ILMN_1712026	NLRP3	0.27	6.85	3.85	0.0002108	0.0013935	0.04
ILMN_1742379	IFT122	-0.14	7.25	-3.85	0.0002124	0.0014041	0.03
ILMN_2062112	ZC3H15	0.21	8.40	3.85	0.000213	0.0014073	0.03
ILMN_1788184	CIDEA	0.20	6.59	3.85	0.0002131	0.0014081	0.03
ILMN_1764177	JARID2	0.20	7.72	3.85	0.0002133	0.0014089	0.02
ILMN_2403965	NA	0.57	8.37	3.85	0.000214	0.0014135	0.02
ILMN_1709741	NA	-0.14	6.74	-3.85	0.0002147	0.0014181	0.02
ILMN_2375156	PHF7	-0.13	6.72	-3.84	0.000215	0.0014193	0.02
ILMN_1711049	CACNA2D2	-0.13	6.74	-3.84	0.0002154	0.0014221	0.01
ILMN_1794912	ATP5H	-0.16	11.85	-3.84	0.000216	0.0014258	0.01
ILMN_1712505	KDELC1	0.10	6.56	3.84	0.0002161	0.0014262	0.01
ILMN_1775743	BTG1	0.20	11.58	3.84	0.0002164	0.0014275	0.01
ILMN_2171289	SAMSN1	0.18	6.64	3.84	0.0002165	0.0014277	0.01
ILMN_1674308	EP400NL	0.09	6.55	3.84	0.0002168	0.0014296	0.02
ILMN_1711838	SLC25A24	0.27	6.76	3.84	0.0002169	0.0014301	0.02
ILMN_1685275	MCAM	0.10	6.44	3.84	0.0002173	0.0014321	0.01

ILMN_1661833	ANKRD12	-0.19	8.53	-3.84	0.0002174	0.0014326	0.01
ILMN_2387214	PALM	0.11	6.52	3.84	0.0002182	0.0014379	0.01
ILMN_1808919	HPS4	-0.10	6.89	-3.84	0.0002189	0.0014421	0.00
ILMN_1707807	RNF128	-0.14	6.67	-3.84	0.0002192	0.0014441	0.00
ILMN_1705814	KRT80	0.24	6.58	3.84	0.0002194	0.0014452	0.00
ILMN_1762825	CANX	0.25	8.04	3.84	0.0002203	0.0014506	-0.01
ILMN_1834233	NA	-0.12	6.56	-3.84	0.0002209	0.0014545	-0.01
ILMN_1761262	MPI	-0.12	6.73	-3.84	0.000221	0.0014546	-0.01
ILMN_3302356	RPS14	-0.16	7.07	-3.84	0.0002215	0.0014575	-0.01
ILMN_1658486	MRPL54	-0.24	9.10	-3.84	0.0002218	0.0014591	-0.01
ILMN_3247753	C2orf70	0.16	6.65	3.84	0.0002218	0.0014591	-0.01
ILMN_1654541	ATP6V1G2	0.10	6.52	3.83	0.0002222	0.0014614	-0.01
ILMN_1749848	SLC35F1	0.12	6.77	3.83	0.0002224	0.0014625	-0.02
ILMN_1666364	COQ10A	0.17	7.16	3.84	0.0002225	0.0014629	-0.01
ILMN_3188099	SRRM1	0.15	7.31	3.83	0.0002226	0.0014634	-0.02
ILMN_1790014	METRNL	-0.18	7.07	-3.83	0.0002232	0.0014667	-0.02
ILMN_2393573	RASSF1	0.15	6.87	3.83	0.0002248	0.0014771	-0.03
ILMN_3256958	NA	-0.11	6.57	-3.83	0.0002249	0.0014774	-0.02
ILMN_1683023	PDGFC	0.21	7.28	3.83	0.0002253	0.0014798	-0.03
ILMN_1719165	BRMS1	-0.14	6.99	-3.83	0.0002258	0.0014831	-0.03
ILMN_3241522	ASS1	-0.27	7.71	-3.83	0.0002263	0.0014857	-0.03
ILMN_1754249	NA	0.17	6.65	3.83	0.0002274	0.0014929	-0.04
ILMN_2043109	TOP1P2	0.18	7.25	3.83	0.0002275	0.0014932	-0.03
ILMN_1726624	YPEL4	0.11	6.37	3.83	0.0002276	0.0014937	-0.04
ILMN_2336647	NNT	-0.17	7.51	-3.83	0.0002279	0.001495	-0.04
ILMN_1658373	PAN2	-0.18	7.96	-3.83	0.0002287	0.0015002	-0.04
ILMN_1698419	NCOR2	0.18	8.09	3.83	0.000229	0.0015015	-0.04
ILMN_1735735	KATNB1	-0.13	7.33	-3.83	0.000229	0.0015015	-0.04
ILMN_1737992	CRAT	-0.17	7.10	-3.83	0.000229	0.0015015	-0.04
ILMN_2406552	PIDD1	-0.14	6.87	-3.83	0.0002294	0.0015039	-0.04
ILMN_1652787	PIK3AP1	0.24	7.18	3.83	0.0002298	0.0015055	-0.05
ILMN_1730791	MLLT4-AS1	-0.12	6.77	-3.83	0.0002298	0.0015055	-0.05
ILMN_2400326	DYRK3	0.12	6.61	3.83	0.0002298	0.0015055	-0.05
ILMN_1655046	NUTF2	0.15	7.66	3.82	0.0002307	0.0015109	-0.05
ILMN_1669033	NCOA1	-0.20	8.54	-3.82	0.0002309	0.0015117	-0.05
ILMN_1706645	MB21D1	0.10	6.43	3.82	0.0002319	0.0015181	-0.05
ILMN_1781986	UQCR10	-0.18	7.75	-3.82	0.0002319	0.0015181	-0.05
ILMN_1685774	ATP5C1	-0.19	11.43	-3.82	0.000232	0.0015186	-0.05
ILMN_2058347	NT5DC1	-0.09	6.50	-3.82	0.0002322	0.0015194	-0.06
ILMN_1761961	MCUR1	-0.16	8.25	-3.82	0.0002323	0.0015197	-0.05
ILMN_1724581	EDC3	-0.10	6.78	-3.82	0.0002331	0.0015246	-0.06
ILMN_1663976	PDLIM4	0.14	6.35	3.82	0.0002333	0.0015254	-0.06
ILMN_1836469	NA	0.13	7.19	3.82	0.0002333	0.0015254	-0.06
ILMN_2204297	AP5M1	-0.19	8.26	-3.82	0.0002336	0.0015266	-0.06
ILMN_3309349	SNHG8	0.44	8.22	3.82	0.0002336	0.0015266	-0.06
ILMN_2414165	PRDM1	0.15	6.65	3.82	0.0002336	0.0015267	-0.06
ILMN_2385566	PHYH	-0.15	6.94	-3.82	0.0002342	0.0015298	-0.06
ILMN_1792305	ZNF318	0.15	8.07	3.82	0.0002349	0.0015341	-0.07

ILMN_1762308	SNX29	0.21	7.05	3.82	0.0002352	0.0015361	-0.07
ILMN_1678998	LRRC14	-0.16	7.77	-3.82	0.0002357	0.0015391	-0.07
ILMN_1702592	WDR73	-0.15	7.30	-3.82	0.000236	0.0015408	-0.07
ILMN_1700159	NIPSNAP3A	-0.20	7.40	-3.82	0.0002378	0.0015524	-0.08
ILMN_2374249	DYRK2	-0.21	8.35	-3.81	0.0002386	0.0015569	-0.08
ILMN_1765082	RBM10	-0.15	7.26	-3.81	0.0002395	0.0015629	-0.08
ILMN_1836776	MPRIP	0.15	7.16	3.81	0.0002405	0.0015688	-0.09
ILMN_1729212	GRM8	-0.18	6.78	-3.81	0.0002412	0.0015729	-0.09
ILMN_1747968	RBM33	-0.16	8.84	-3.81	0.0002417	0.0015761	-0.09
ILMN_1719792	PHLDB2	0.22	6.88	3.81	0.0002422	0.0015793	-0.10
ILMN_1807969	SNCAIP	0.18	7.03	3.81	0.0002428	0.0015827	-0.10
ILMN_1823231	LOC1005055	0.14	6.91	3.81	0.0002428	0.0015827	-0.10
ILMN_1748904	WTAP	0.18	7.87	3.81	0.0002429	0.0015827	-0.10
ILMN_1756091	NA	0.19	6.68	3.81	0.0002436	0.0015871	-0.10
ILMN_1802167	ALDH1L1	0.43	7.23	3.81	0.0002438	0.0015877	-0.10
ILMN_2221673	ASNSD1	0.19	8.98	3.81	0.000244	0.0015892	-0.10
ILMN_2085236	SNX24	-0.13	6.82	-3.81	0.0002445	0.0015917	-0.10
ILMN_1688070	NA	-0.24	7.64	-3.81	0.0002452	0.0015959	-0.11
ILMN_3180989	DSTYK	0.12	6.89	3.81	0.0002453	0.0015964	-0.11
ILMN_1798654	MCM6	0.31	9.08	3.81	0.0002461	0.0016012	-0.11
ILMN_2280189	NA	-0.15	7.29	-3.81	0.0002463	0.0016023	-0.11
ILMN_1652331	NA	-0.18	7.09	-3.81	0.0002465	0.0016029	-0.11
ILMN_1704236	MAX	-0.11	6.73	-3.81	0.0002465	0.0016029	-0.11
ILMN_1780698	ZFYVE19	-0.16	7.56	-3.81	0.0002464	0.0016029	-0.11
ILMN_1745887	FBXO21	0.16	9.32	3.81	0.0002468	0.0016039	-0.11
ILMN_1802942	NA	-0.11	6.69	-3.81	0.0002467	0.0016039	-0.11
ILMN_1811877	ANTXR1	0.12	6.70	3.81	0.0002468	0.0016039	-0.11
ILMN_1651735	TGOLN2	-0.17	9.80	-3.80	0.0002474	0.0016072	-0.12
ILMN_1700955	TCTEX1D2	0.19	7.36	3.81	0.0002474	0.0016072	-0.11
ILMN_2373831	BTN3A3	0.17	7.03	3.80	0.0002476	0.001608	-0.12
ILMN_1685856	FAM92A1	0.15	6.65	3.80	0.0002479	0.0016095	-0.12
ILMN_1771393	TCAIM	-0.13	6.50	-3.80	0.0002483	0.0016123	-0.12
ILMN_1786718	NDUFV1	-0.26	9.56	-3.80	0.0002484	0.0016125	-0.12
ILMN_1797974	AIG1	0.14	7.44	3.80	0.0002485	0.0016128	-0.12
ILMN_1722218	MBOAT7	-0.22	8.09	-3.80	0.0002494	0.0016184	-0.12
ILMN_2393712	CTTN	-0.21	9.41	-3.80	0.00025	0.001622	-0.12
ILMN_2096784	TFAP2C	0.23	6.67	3.80	0.0002502	0.0016229	-0.12
ILMN_1758633	CCDC130	-0.17	9.59	-3.80	0.000251	0.0016277	-0.13
ILMN_2395711	ARRB2	0.13	6.63	3.80	0.000251	0.0016277	-0.12
ILMN_1755303	ZNF217	-0.20	7.90	-3.80	0.0002512	0.0016288	-0.13
ILMN_2198893	LOC407835	-0.19	8.21	-3.80	0.0002515	0.0016299	-0.13
ILMN_1789702	GBE1	0.17	7.59	3.80	0.000252	0.0016334	-0.13
ILMN_2367681	SPAG1	-0.27	7.73	-3.80	0.0002527	0.0016375	-0.14
ILMN_2225537	PTGR1	-0.31	8.36	-3.80	0.0002528	0.0016377	-0.14
ILMN_2334121	PRKDC	0.10	6.73	3.80	0.000253	0.0016387	-0.14
ILMN_1741881	C9orf72	0.19	7.32	3.80	0.0002537	0.0016426	-0.13
ILMN_1727332	ATPIF1	-0.22	9.40	-3.80	0.0002537	0.0016428	-0.14
ILMN_1702265	HDHD2	-0.17	8.84	-3.80	0.0002544	0.0016465	-0.14

ILMN_2187718	COX17	-0.14	10.70	-3.80	0.0002545	0.0016474	-0.14
ILMN_1669390	PPP1R13L	0.15	7.03	3.80	0.000255	0.0016499	-0.14
ILMN_1679809	GSTP1	0.24	11.14	3.80	0.000255	0.0016499	-0.14
ILMN_2182704	BIRC2	-0.17	9.49	-3.80	0.0002556	0.0016532	-0.15
ILMN_1736577	ZNF688	-0.13	6.93	-3.79	0.0002566	0.0016596	-0.15
ILMN_1767837	GOLT1B	0.18	7.56	3.79	0.0002584	0.0016708	-0.16
ILMN_1671971	KRT8	-0.43	11.73	-3.79	0.0002591	0.0016747	-0.16
ILMN_2384536	ECI2	-0.24	8.13	-3.79	0.0002595	0.0016775	-0.16
ILMN_2396410	CS	-0.20	8.13	-3.79	0.0002605	0.0016834	-0.16
ILMN_1730848	KRT18	-0.10	6.64	-3.79	0.0002612	0.0016875	-0.16
ILMN_1652137	NPY4R	-0.10	6.38	-3.79	0.0002615	0.0016891	-0.17
ILMN_1763228	MEF2D	-0.16	8.46	-3.79	0.0002624	0.0016946	-0.17
ILMN_1653828	CHFR	-0.21	8.84	-3.79	0.0002628	0.001697	-0.17
ILMN_1705769	IL7	-0.13	6.91	-3.79	0.000263	0.0016978	-0.17
ILMN_1786697	TRIM9	0.10	6.49	3.79	0.0002631	0.0016978	-0.17
ILMN_2253145	NEK3	-0.10	6.42	-3.79	0.0002631	0.0016978	-0.17
ILMN_3210914	LOC344887	-0.20	6.78	-3.79	0.0002631	0.0016978	-0.17
ILMN_1713803	C17orf97	-0.28	6.94	-3.79	0.0002641	0.0017035	-0.18
ILMN_2046003	ZDHC6	-0.16	9.37	-3.79	0.0002647	0.0017076	-0.18
ILMN_1703324	PDSS1	-0.21	7.78	-3.78	0.0002658	0.001714	-0.18
ILMN_1655983	CDC14A	-0.11	6.61	-3.79	0.0002659	0.0017144	-0.18
ILMN_1815734	FCHSD2	0.21	7.25	3.78	0.0002663	0.0017166	-0.18
ILMN_1778360	PYGB	-0.30	9.79	-3.78	0.0002665	0.0017179	-0.18
ILMN_1712431	PCED1B	0.36	7.54	3.78	0.0002667	0.0017189	-0.19
ILMN_1724437	GCAT	-0.15	7.12	-3.78	0.0002672	0.0017215	-0.19
ILMN_1744147	CEBPZ	0.16	9.33	3.78	0.0002672	0.0017215	-0.19
ILMN_1675453	HHIP	0.15	6.75	3.78	0.0002675	0.001723	-0.19
ILMN_1788547	GCLM	0.17	7.31	3.78	0.0002676	0.001723	-0.19
ILMN_1665982	AKTIP	-0.14	7.34	-3.78	0.0002687	0.0017299	-0.19
ILMN_3178273	LOC1001308	-0.11	6.77	-3.78	0.0002693	0.0017333	-0.19
ILMN_2080611	PDSS1	-0.27	8.37	-3.78	0.0002694	0.0017335	-0.20
ILMN_1729987	SRC	-0.20	8.94	-3.78	0.0002696	0.001735	-0.20
ILMN_2175712	NDUFA11	-0.19	9.50	-3.78	0.0002703	0.0017387	-0.20
ILMN_1697409	TNFRSF14	-0.20	10.79	-3.78	0.0002705	0.0017396	-0.20
ILMN_2172174	PNP	0.31	8.39	3.78	0.0002705	0.0017396	-0.20
ILMN_1700733	FAM214A	-0.22	8.52	-3.78	0.0002707	0.0017402	-0.20
ILMN_1708728	H2AFJ	-0.28	9.64	-3.78	0.0002711	0.0017429	-0.20
ILMN_1703538	AIF1	0.45	8.03	3.78	0.0002714	0.0017442	-0.20
ILMN_1710495	PAPLN	0.34	7.60	3.78	0.0002716	0.0017452	-0.19
ILMN_1713603	PRKCB	0.14	6.46	3.78	0.0002719	0.0017469	-0.20
ILMN_1662852	IQCK	-0.15	7.43	-3.78	0.0002726	0.0017509	-0.21
ILMN_3247723	NOP16	0.18	7.33	3.78	0.0002729	0.001753	-0.21
ILMN_1755811	FBXO4	0.13	6.74	3.78	0.0002731	0.0017536	-0.21
ILMN_1725414	ABCC6	-0.09	6.45	-3.78	0.0002736	0.0017565	-0.21
ILMN_1796497	IPCEF1	0.16	6.90	3.78	0.0002738	0.0017573	-0.21
ILMN_2203463	SPATS2	0.15	7.41	3.77	0.0002744	0.0017613	-0.21
ILMN_1737586	EIF4H	-0.24	8.02	-3.77	0.0002747	0.0017628	-0.21
ILMN_1754158	NA	-0.16	6.58	-3.77	0.000275	0.0017644	-0.21

ILMN_1775441	ARHGAP24	0.11	6.51	3.77	0.0002755	0.0017669	-0.22
ILMN_1815203	HMGCS2	-0.80	11.33	-3.77	0.000276	0.00177	-0.22
ILMN_1724811	PARN	0.13	7.72	3.77	0.0002762	0.0017712	-0.22
ILMN_1673604	YIPF3	-0.19	9.14	-3.77	0.0002765	0.0017726	-0.22
ILMN_1738529	BCS1L	-0.13	7.44	-3.77	0.0002766	0.0017726	-0.22
ILMN_1813386	CORO6	0.11	6.52	3.77	0.0002775	0.0017781	-0.22
ILMN_1706149	PDCD2L	0.14	6.91	3.77	0.0002776	0.0017787	-0.22
ILMN_1775944	ABI2	0.09	6.50	3.77	0.0002783	0.0017829	-0.23
ILMN_1662848	TXNDC15	0.16	7.30	3.77	0.0002799	0.0017925	-0.22
ILMN_3236481	HIGD1A	-0.47	10.83	-3.77	0.0002832	0.0018134	-0.24
ILMN_1804337	NA	-0.13	6.62	-3.77	0.000284	0.001818	-0.24
ILMN_1752947	COPRS	0.18	8.17	3.76	0.0002843	0.00182	-0.25
ILMN_2373632	IDH3B	-0.18	9.02	-3.77	0.0002848	0.0018227	-0.24
ILMN_1731181	TEX2	-0.16	8.68	-3.76	0.0002857	0.0018273	-0.25
ILMN_1761733	HLA-DMB	0.53	10.22	3.76	0.0002857	0.0018273	-0.25
ILMN_1784655	TLCD1	-0.14	6.69	-3.76	0.0002856	0.0018273	-0.25
ILMN_1767193	CR1	0.10	6.28	3.76	0.0002859	0.0018283	-0.25
ILMN_1770412	AHCYL1	0.16	9.45	3.76	0.0002859	0.0018283	-0.25
ILMN_1654118	BCL2L1	0.20	9.76	3.76	0.000286	0.0018283	-0.25
ILMN_1729816	VDAC3	-0.14	11.03	-3.76	0.0002864	0.0018302	-0.25
ILMN_2357155	TPO	0.08	6.32	3.76	0.0002864	0.0018302	-0.25
ILMN_1773427	KANK1	0.21	8.26	3.76	0.0002874	0.0018365	-0.26
ILMN_1792276	NA	-0.14	6.88	-3.76	0.0002877	0.0018376	-0.26
ILMN_2311518	TROVE2	0.15	9.42	3.76	0.0002892	0.0018469	-0.26
ILMN_2285112	FBXO11	0.15	10.05	3.76	0.0002893	0.0018471	-0.26
ILMN_2373566	PJA1	0.14	6.86	3.76	0.0002893	0.0018471	-0.26
ILMN_1803862	LCN15	-0.31	6.72	-3.76	0.0002902	0.0018523	-0.27
ILMN_2409754	PRR5	-0.17	7.19	-3.76	0.0002912	0.0018585	-0.27
ILMN_1657058	PPIL6	0.11	6.41	3.76	0.0002915	0.0018603	-0.27
ILMN_1799815	XYLT2	-0.22	8.60	-3.76	0.0002917	0.0018609	-0.27
ILMN_1717173	ECT2	0.25	8.08	3.76	0.0002918	0.0018612	-0.27
ILMN_2263144	TMEM223	-0.13	6.98	-3.76	0.0002918	0.0018612	-0.27
ILMN_1714216	TSC2	-0.14	7.27	-3.76	0.0002925	0.0018649	-0.27
ILMN_1658283	NA	0.17	12.50	3.76	0.0002931	0.001868	-0.27
ILMN_1701882	NA	0.12	6.66	3.76	0.000293	0.001868	-0.27
ILMN_1663722	DNAJB5	0.11	6.51	3.76	0.0002933	0.001869	-0.28
ILMN_1714228	SPTBN1	0.11	6.54	3.76	0.0002933	0.001869	-0.28
ILMN_1717219	FAM220A	0.12	8.00	3.76	0.0002934	0.0018692	-0.28
ILMN_1728071	KRAS	-0.19	8.07	-3.75	0.0002942	0.0018736	-0.28
ILMN_1728983	NR2C1	0.13	7.37	3.75	0.0002947	0.0018766	-0.28
ILMN_2228809	YWHAG	0.16	9.00	3.76	0.0002949	0.0018772	-0.27
ILMN_3260345	AGFG1	0.16	7.34	3.75	0.0002949	0.0018772	-0.28
ILMN_1736939	UGCG	0.27	8.40	3.75	0.0002952	0.0018785	-0.28
ILMN_1734878	CD79A	0.84	9.05	3.75	0.0002957	0.0018814	-0.28
ILMN_1701386	STRADB	-0.32	8.61	-3.75	0.0002966	0.0018872	-0.29
ILMN_1740500	TSPYL4	0.10	6.58	3.75	0.0002968	0.0018879	-0.29
ILMN_1777660	RNF144A	-0.25	8.33	-3.75	0.0002969	0.001888	-0.29
ILMN_1810716	GFRA3	0.14	6.63	3.75	0.000297	0.0018883	-0.29

ILMN_2389445	ARHGEF10L	-0.14	6.74	-3.75	0.0002989	0.0019003	-0.29
ILMN_2399036	SEPN1	0.14	7.42	3.75	0.0002994	0.001903	-0.29
ILMN_1762103	WDR48	-0.19	8.08	-3.75	0.0002995	0.0019034	-0.29
ILMN_1723048	GJC2	0.12	6.77	3.75	0.0002997	0.0019044	-0.30
ILMN_1744713	PARK7	0.17	10.60	3.75	0.0003002	0.0019069	-0.30
ILMN_1794132	NDUFS8	-0.19	10.70	-3.75	0.0003002	0.0019069	-0.30
ILMN_1664122	PTPN6	-0.10	6.46	-3.75	0.0003005	0.0019081	-0.30
ILMN_1687353	NA	-0.10	6.54	-3.75	0.0003013	0.0019129	-0.30
ILMN_2362477	TRIM31	-0.35	7.43	-3.75	0.0003015	0.0019141	-0.30
ILMN_1735231	ZSWIM4	-0.12	6.86	-3.75	0.0003017	0.0019147	-0.30
ILMN_1680805	IFNLR1	-0.15	6.88	-3.75	0.0003028	0.0019212	-0.30
ILMN_2394523	TMEM231	-0.13	6.75	-3.75	0.0003028	0.0019212	-0.31
ILMN_1706357	RFX2	0.13	6.48	3.75	0.0003029	0.0019213	-0.31
ILMN_2389054	CLDN18	0.20	6.58	3.75	0.0003034	0.0019243	-0.31
ILMN_1673769	KCNG1	-0.15	6.65	-3.75	0.0003036	0.0019254	-0.31
ILMN_1688753	PTDSS1	0.18	8.90	3.75	0.0003039	0.0019264	-0.31
ILMN_1750075	DMTF1	-0.15	8.61	-3.75	0.0003042	0.0019283	-0.31
ILMN_1764166	BCKDHB	-0.16	7.53	-3.74	0.0003051	0.0019339	-0.31
ILMN_3225591	RPL14	0.22	10.60	3.74	0.0003055	0.0019355	-0.31
ILMN_2067370	SNRPF	0.21	10.23	3.74	0.0003058	0.001937	-0.31
ILMN_2122953	CISD1	-0.17	10.16	-3.74	0.0003065	0.0019411	-0.32
ILMN_2383455	SUOX	-0.15	7.16	-3.74	0.0003068	0.0019428	-0.32
ILMN_2184049	COX7B	-0.18	10.52	-3.74	0.0003069	0.0019429	-0.32
ILMN_2414135	PLP1	0.13	6.63	3.74	0.0003074	0.0019459	-0.32
ILMN_2158594	R3HCC1L	-0.15	7.16	-3.74	0.000308	0.0019493	-0.32
ILMN_2398274	PYCARD	-0.13	6.95	-3.74	0.000308	0.0019493	-0.32
ILMN_1740586	PLA2G2A	0.76	9.81	3.74	0.0003083	0.0019508	-0.32
ILMN_1667551	NA	-0.19	8.85	-3.74	0.0003097	0.0019593	-0.33
ILMN_1731720	PDRG1	-0.12	7.24	-3.74	0.00031	0.0019607	-0.33
ILMN_2119945	NDUFB3	-0.17	11.15	-3.74	0.000311	0.0019664	-0.33
ILMN_1703697	LANCL1	0.22	8.79	3.74	0.0003116	0.0019697	-0.33
ILMN_1725981	HNRNPA3	0.15	6.97	3.74	0.0003124	0.0019746	-0.33
ILMN_1759012	PPP1R1B	-0.13	6.89	-3.74	0.0003124	0.0019746	-0.33
ILMN_1748109	PEX1	-0.16	7.36	-3.74	0.0003131	0.0019783	-0.34
ILMN_1802404	ABCC1	0.13	6.68	3.74	0.0003134	0.0019798	-0.34
ILMN_2082489	PRMT7	-0.11	6.62	-3.74	0.0003135	0.0019802	-0.34
ILMN_1695311	HLA-DMA	0.52	10.07	3.74	0.0003139	0.0019825	-0.34
ILMN_1785574	HTRA2	0.13	7.10	3.74	0.0003144	0.0019852	-0.34
ILMN_2174380	KIAA1804	-0.14	6.68	-3.73	0.0003161	0.0019957	-0.35
ILMN_1739751	SLC26A11	0.11	6.69	3.73	0.0003163	0.0019962	-0.35
ILMN_1710315	NOS1AP	-0.11	6.59	-3.73	0.0003168	0.0019991	-0.35
ILMN_1755737	TRABD	0.20	10.26	3.73	0.0003178	0.0020051	-0.35
ILMN_3236945	PTPMT1	0.13	8.30	3.73	0.0003187	0.0020104	-0.35
ILMN_2060770	RAI1	0.14	7.50	3.73	0.0003189	0.0020113	-0.35
ILMN_2362581	FNDC3A	0.20	7.76	3.73	0.0003196	0.0020157	-0.36
ILMN_1709233	F5	0.11	6.54	3.73	0.0003199	0.0020168	-0.36
ILMN_2332691	CAPN3	-0.16	6.90	-3.73	0.0003208	0.0020222	-0.36
ILMN_1779257	CD40	0.15	6.71	3.73	0.0003214	0.002026	-0.35

ILMN_1691112	PIGN	-0.23	8.41	-3.73	0.0003219	0.0020285	-0.36
ILMN_3230337	PAXIP1-AS2	-0.13	7.07	-3.73	0.0003221	0.0020291	-0.36
ILMN_1794950	RGAG1	-0.09	6.29	-3.73	0.0003241	0.0020414	-0.37
ILMN_1658636	MRE11A	-0.13	6.90	-3.73	0.0003244	0.0020427	-0.37
ILMN_2333687	CD59	0.14	6.76	3.73	0.0003244	0.0020427	-0.37
ILMN_1794046	MTX2	-0.17	7.69	-3.73	0.0003248	0.0020447	-0.37
ILMN_1664912	IL11RA	-0.26	8.79	-3.73	0.0003254	0.0020482	-0.37
ILMN_1724211	GPRC5C	-0.15	6.85	-3.73	0.0003264	0.0020541	-0.38
ILMN_1665291	NUB1	-0.18	8.90	-3.73	0.0003265	0.0020546	-0.37
ILMN_1708721	RABGAP1L	0.13	7.08	3.72	0.0003266	0.0020546	-0.38
ILMN_1766154	MRPL30	0.17	7.32	3.72	0.000327	0.0020566	-0.38
ILMN_1710859	PCSK1	0.36	7.05	3.72	0.0003293	0.0020708	-0.38
ILMN_2090782	GCSH	0.15	7.28	3.72	0.0003297	0.0020729	-0.38
ILMN_1747903	DNAJC11	-0.12	6.63	-3.72	0.0003308	0.0020795	-0.39
ILMN_1800354	CST3	-0.18	12.38	-3.72	0.0003314	0.0020832	-0.39
ILMN_2275803	LRRC45	-0.14	6.86	-3.72	0.0003316	0.002084	-0.39
ILMN_1736015	JADE1	0.13	6.98	3.72	0.0003324	0.0020885	-0.39
ILMN_2320336	CLK3	-0.14	8.42	-3.72	0.0003347	0.0021024	-0.40
ILMN_1737475	ABHD11	-0.19	6.91	-3.72	0.0003349	0.0021025	-0.40
ILMN_1810176	MAP3K7	0.11	8.58	3.72	0.0003349	0.0021025	-0.39
ILMN_3304898	TUBB	0.27	8.08	3.72	0.0003348	0.0021025	-0.40
ILMN_1740269	WNT2B	0.16	7.11	3.72	0.000335	0.0021027	-0.40
ILMN_1772943	CXorf23	-0.12	6.78	-3.72	0.0003354	0.0021051	-0.40
ILMN_1737157	GRAMD1A	0.20	7.71	3.72	0.0003355	0.0021056	-0.40
ILMN_2061537	UGT1A8	-0.24	6.78	-3.72	0.0003362	0.0021095	-0.40
ILMN_1753143	RHPN2	0.35	10.56	3.72	0.0003372	0.0021151	-0.41
ILMN_1664537	USP11	0.15	7.06	3.71	0.0003383	0.0021215	-0.41
ILMN_1770682	TEP1	-0.15	6.60	-3.71	0.0003383	0.0021215	-0.41
ILMN_1698330	NIT1	-0.12	6.74	-3.71	0.0003401	0.0021323	-0.41
ILMN_1799669	PSORS1C1	0.23	6.87	3.71	0.0003416	0.0021414	-0.42
ILMN_1693905	HAT1	0.17	7.32	3.71	0.0003419	0.0021427	-0.42
ILMN_1815345	EIF3J	0.17	7.93	3.71	0.0003419	0.0021427	-0.42
ILMN_1696027	MPHOSPH8	-0.22	9.76	-3.71	0.0003422	0.0021437	-0.42
ILMN_1839019	LPP	0.28	10.22	3.71	0.0003424	0.002145	-0.42
ILMN_3239771	DLGAP5	0.23	7.21	3.71	0.000343	0.0021482	-0.42
ILMN_1776464	PARP4	-0.23	10.64	-3.71	0.0003435	0.002151	-0.42
ILMN_1804662	NRG4	-0.12	6.60	-3.71	0.0003438	0.0021523	-0.42
ILMN_1757627	ZMYND19	0.14	7.21	3.71	0.0003446	0.0021568	-0.43
ILMN_1727023	AMMECR1L	0.14	7.39	3.71	0.0003451	0.0021595	-0.43
ILMN_1799030	CMTM2	0.16	6.42	3.71	0.0003454	0.002161	-0.43
ILMN_1737124	PRPF4B	-0.13	6.95	-3.71	0.0003455	0.0021613	-0.43
ILMN_2213199	CEP44	-0.17	8.62	-3.71	0.0003464	0.0021668	-0.43
ILMN_1740351	IST1	-0.14	9.94	-3.71	0.0003471	0.0021699	-0.43
ILMN_1757338	PLSCR4	-0.29	8.72	-3.71	0.000347	0.0021699	-0.43
ILMN_3275345	RPS27	0.31	10.85	3.71	0.0003475	0.0021722	-0.43
ILMN_1651967	TP53I3	-0.12	6.64	-3.71	0.0003478	0.0021736	-0.44
ILMN_1749014	ACLY	0.23	8.74	3.71	0.0003478	0.0021736	-0.44
ILMN_1771697	VRK3	-0.25	8.25	-3.71	0.0003484	0.0021766	-0.44

ILMN_1697232	HOXA11-AS	-0.13	6.57	-3.71	0.0003486	0.0021777	-0.44
ILMN_1668822	BATF	0.18	6.58	3.71	0.0003487	0.0021779	-0.44
ILMN_3242229	HPSE2	0.15	6.59	3.71	0.0003491	0.00218	-0.44
ILMN_1696391	LEPR	0.10	6.45	3.70	0.00035	0.0021853	-0.44
ILMN_1674629	C9orf3	0.11	6.77	3.71	0.0003501	0.0021856	-0.44
ILMN_1698985	DCAF6	-0.14	7.12	-3.70	0.0003506	0.0021879	-0.44
ILMN_2371685	UBE2E1	-0.23	7.38	-3.70	0.0003506	0.0021879	-0.44
ILMN_1739645	ANLN	0.20	7.02	3.70	0.0003523	0.0021981	-0.45
ILMN_1814173	SMARCA4	-0.13	9.44	-3.70	0.0003528	0.0022006	-0.44
ILMN_1691295	NECTIN1	-0.10	6.52	-3.70	0.0003531	0.002202	-0.45
ILMN_2277419	SLC38A10	-0.13	7.00	-3.70	0.0003539	0.0022065	-0.45
ILMN_1724753	NIN	0.21	7.63	3.70	0.000354	0.0022071	-0.45
ILMN_1759411	BRICD5	-0.13	6.81	-3.70	0.0003542	0.0022077	-0.45
ILMN_1727605	FRK	-0.17	7.03	-3.70	0.0003552	0.0022134	-0.45
ILMN_1783695	EPRS	0.16	9.75	3.70	0.0003553	0.002214	-0.46
ILMN_1724396	GCG	-0.98	8.94	-3.70	0.0003563	0.0022197	-0.46
ILMN_2407775	RGS13	0.13	6.58	3.70	0.0003567	0.0022221	-0.46
ILMN_1762792	MAGED1	-0.12	6.64	-3.70	0.0003574	0.0022257	-0.46
ILMN_1674486	KIAA2026	-0.12	6.65	-3.70	0.0003576	0.0022267	-0.46
ILMN_1736670	PPP1R3C	0.22	7.18	3.70	0.0003586	0.0022323	-0.46
ILMN_1776121	KIAA1211L	-0.25	7.97	-3.70	0.0003586	0.0022323	-0.46
ILMN_2333774	TAGAP	0.16	6.54	3.70	0.0003602	0.0022414	-0.47
ILMN_1703108	UBE2L6	0.20	7.30	3.70	0.0003612	0.0022473	-0.46
ILMN_1704842	ARL4A	0.12	6.55	3.70	0.0003617	0.00225	-0.47
ILMN_2051232	SDHA	-0.20	9.66	-3.69	0.0003624	0.0022539	-0.47
ILMN_2070570	ABCA10	-0.13	6.62	-3.69	0.0003631	0.0022577	-0.48
ILMN_1796240	TRAPPC8	-0.13	9.08	-3.69	0.0003652	0.0022706	-0.48
ILMN_1800530	AGAP1	-0.24	8.79	-3.69	0.0003662	0.0022767	-0.48
ILMN_1686884	IL1RAP	0.11	6.67	3.69	0.0003702	0.0023008	-0.49
ILMN_2341724	ANKRD55	0.11	6.38	3.69	0.0003716	0.0023093	-0.50
ILMN_1706583	DLAT	-0.16	8.05	-3.69	0.0003725	0.0023144	-0.50
ILMN_1690170	CRABP2	0.11	6.62	3.69	0.0003734	0.0023191	-0.50
ILMN_2141790	HYOU1	0.20	7.51	3.69	0.0003735	0.0023191	-0.50
ILMN_3249167	SNORA63	0.17	6.76	3.69	0.0003735	0.0023191	-0.50
ILMN_1728521	HDAC7	0.13	6.78	3.69	0.0003736	0.0023197	-0.50
ILMN_2272708	NA	-0.12	6.58	-3.69	0.0003737	0.0023198	-0.50
ILMN_2372011	SCAND1	-0.18	7.77	-3.69	0.0003749	0.0023265	-0.51
ILMN_3239912	HSFY1P1	-0.10	6.64	-3.68	0.0003751	0.0023275	-0.51
ILMN_2232854	FAP	0.18	6.66	3.69	0.0003761	0.0023336	-0.50
ILMN_1789502	GPC4	0.16	7.73	3.68	0.0003774	0.002341	-0.51
ILMN_1735353	IRX1	-0.14	7.46	-3.68	0.0003779	0.0023437	-0.51
ILMN_2391765	C6orf48	0.26	9.97	3.68	0.000378	0.0023437	-0.51
ILMN_1720501	ABCA9	-0.21	7.13	-3.68	0.0003782	0.0023443	-0.51
ILMN_2229969	ERO1B	0.11	6.48	3.68	0.0003782	0.0023443	-0.51
ILMN_1783156	MAP2K3	0.24	8.09	3.68	0.0003794	0.0023511	-0.52
ILMN_1799604	OCIAD1	-0.14	10.27	-3.68	0.0003798	0.0023536	-0.52
ILMN_3273885	C8orf88	0.15	6.56	3.68	0.0003814	0.0023626	-0.52
ILMN_1676629	INSIG2	0.17	7.95	3.68	0.0003815	0.0023631	-0.52

ILMN_2220184	GFPT1	-0.23	9.35	-3.68	0.0003816	0.0023633	-0.52
ILMN_1799232	ATP9A	-0.10	6.51	-3.68	0.0003817	0.0023634	-0.52
ILMN_1662198	RANGAP1	0.20	8.64	3.68	0.0003822	0.0023664	-0.52
ILMN_1761411	MCMBP	0.10	6.67	3.68	0.0003825	0.0023672	-0.52
ILMN_1750429	MKNK1	-0.17	8.41	-3.68	0.0003832	0.0023714	-0.53
ILMN_1729217	FAM131A	0.15	7.50	3.68	0.0003841	0.0023763	-0.53
ILMN_1716563	PRKCB	0.25	6.85	3.68	0.0003846	0.002379	-0.53
ILMN_1736353	PSMC1	0.11	10.84	3.68	0.0003849	0.0023808	-0.53
ILMN_1657483	SEC23B	0.19	8.92	3.68	0.0003855	0.0023834	-0.53
ILMN_2051373	NEK2	0.24	7.35	3.68	0.0003854	0.0023834	-0.53
ILMN_2372403	ALDH5A1	-0.17	7.27	-3.68	0.0003858	0.002385	-0.53
ILMN_1683635	C11orf70	0.10	6.57	3.68	0.0003863	0.0023874	-0.53
ILMN_1738369	TUFM	-0.18	9.31	-3.68	0.0003864	0.0023877	-0.53
ILMN_1775943	BRMS1L	0.17	7.20	3.68	0.0003866	0.0023886	-0.52
ILMN_2368575	NA	-0.19	7.66	-3.68	0.0003868	0.0023888	-0.53
ILMN_3236423	RAB3GAP2	0.13	8.72	3.68	0.0003867	0.0023888	-0.53
ILMN_1743204	DUSP8	-0.23	7.58	-3.68	0.0003872	0.0023909	-0.54
ILMN_1710289	CNTN5	-0.10	6.48	-3.68	0.0003874	0.0023919	-0.54
ILMN_1739335	OST4	0.18	10.48	3.67	0.0003891	0.0024018	-0.54
ILMN_3290428	SSC5D	0.11	6.57	3.67	0.0003894	0.0024033	-0.54
ILMN_1814122	MDC1	0.18	8.17	3.67	0.0003896	0.0024042	-0.54
ILMN_3238132	HNF1A	-0.12	6.75	-3.67	0.0003901	0.0024067	-0.54
ILMN_2115218	ANKRD10	0.19	8.55	3.67	0.0003912	0.0024134	-0.55
ILMN_1661346	HNRNPA1	0.25	9.64	3.67	0.0003926	0.0024206	-0.55
ILMN_1667115	TMEM61	-0.14	6.80	-3.67	0.0003926	0.0024206	-0.54
ILMN_1716026	ARMCX6	0.18	7.10	3.67	0.0003926	0.0024206	-0.55
ILMN_1786357	NA	0.13	6.54	3.67	0.0003935	0.0024253	-0.55
ILMN_1701724	GET4	-0.18	7.39	-3.67	0.0003937	0.0024261	-0.55
ILMN_1651899	RPL19	0.17	12.54	3.67	0.0003938	0.0024263	-0.55
ILMN_1666632	VPS52	-0.13	7.72	-3.67	0.000394	0.0024276	-0.55
ILMN_2150196	LRRC25	0.11	6.41	3.67	0.0003959	0.0024386	-0.56
ILMN_1750145	YWHAG	0.21	8.02	3.67	0.0003961	0.0024392	-0.56
ILMN_2322842	PPHLN1	0.15	7.86	3.67	0.0003966	0.0024423	-0.56
ILMN_1706969	BEND6	0.10	6.46	3.67	0.000399	0.0024551	-0.56
ILMN_1724207	IVD	-0.13	6.94	-3.67	0.0003988	0.0024551	-0.56
ILMN_1764396	HDAC4	0.14	6.92	3.67	0.0003989	0.0024551	-0.56
ILMN_2333107	AES	-0.23	8.57	-3.67	0.000399	0.0024551	-0.56
ILMN_1679382	CCT2	0.20	9.14	3.67	0.0003994	0.0024569	-0.56
ILMN_1699503	UBE2D2	-0.13	7.63	-3.67	0.0003999	0.0024598	-0.57
ILMN_1684205	CIB1	-0.19	11.81	-3.67	0.0004001	0.0024604	-0.57
ILMN_2145997	SP4	0.17	7.24	3.67	0.0004001	0.0024604	-0.57
ILMN_1750394	SLC39A6	0.13	7.07	3.67	0.0004006	0.0024629	-0.57
ILMN_2144088	FDFT1	-0.29	10.61	-3.67	0.000401	0.0024648	-0.57
ILMN_1658399	KLRG1	0.19	6.93	3.67	0.0004018	0.0024691	-0.56
ILMN_3240375	IGKV1ORY-1	1.12	11.47	3.66	0.0004031	0.002477	-0.57
ILMN_1657002	OR51B5	-0.12	6.49	-3.66	0.0004035	0.002479	-0.57
ILMN_1682894	NA	-0.11	6.61	-3.66	0.0004036	0.002479	-0.57
ILMN_2388177	SPATA7	0.11	6.73	3.66	0.0004054	0.0024897	-0.58

ILMN_2320164	P2RY12	0.10	6.53	3.66	0.0004068	0.0024978	-0.58
ILMN_1787370	NDUFAF7	0.10	6.73	3.66	0.0004071	0.0024993	-0.58
ILMN_1796180	CRY2	-0.10	7.79	-3.66	0.0004073	0.0024997	-0.58
ILMN_1789596	ETV6	-0.16	8.57	-3.66	0.0004078	0.0025024	-0.58
ILMN_1795419	CNPPD1	-0.21	8.14	-3.66	0.0004086	0.0025071	-0.59
ILMN_1653612	KCTD9	-0.18	8.55	-3.66	0.0004098	0.002514	-0.59
ILMN_1687960	LIMK2	-0.12	6.60	-3.66	0.0004101	0.0025155	-0.59
ILMN_1657234	CCL20	-0.82	9.18	-3.66	0.0004103	0.0025158	-0.59
ILMN_2403906	ARFIP1	-0.19	8.52	-3.66	0.0004104	0.0025163	-0.59
ILMN_1755926	DBI	-0.28	9.52	-3.66	0.0004106	0.0025172	-0.59
ILMN_1760933	PEX10	-0.14	7.73	-3.66	0.0004115	0.0025222	-0.59
ILMN_1780444	ARL3	0.10	6.54	3.66	0.0004122	0.0025258	-0.59
ILMN_1721138	GRPEL2	0.14	8.17	3.66	0.0004128	0.0025295	-0.60
ILMN_1785570	SUSD3	0.22	6.89	3.66	0.0004142	0.0025376	-0.60
ILMN_1760201	DNMT1	0.26	9.97	3.66	0.0004148	0.0025406	-0.60
ILMN_2155719	NBPF10	-0.32	9.87	-3.65	0.0004157	0.0025456	-0.60
ILMN_1744980	ZCCHC7	0.16	8.31	3.65	0.0004166	0.0025506	-0.60
ILMN_1904400	NA	-0.12	6.58	-3.65	0.0004181	0.0025597	-0.61
ILMN_1713450	MYL6B	0.17	7.93	3.65	0.000419	0.0025643	-0.61
ILMN_1791884	SNHG11	-0.11	6.99	-3.65	0.0004199	0.0025696	-0.61
ILMN_1659227	CD79A	0.38	7.01	3.65	0.0004202	0.0025705	-0.61
ILMN_1671427	FBXW4	-0.15	7.92	-3.65	0.0004202	0.0025705	-0.61
ILMN_1851547	FAM120C	0.10	6.67	3.65	0.0004203	0.0025705	-0.61
ILMN_1703891	TBC1D9	0.21	7.31	3.65	0.0004206	0.0025721	-0.61
ILMN_3211302	NA	0.11	6.73	3.65	0.0004211	0.0025746	-0.61
ILMN_3266186	HDAC7	0.15	6.80	3.65	0.0004223	0.0025812	-0.62
ILMN_1674768	PI4KAP2	-0.18	7.32	-3.65	0.0004225	0.0025825	-0.62
ILMN_2377240	AKTIP	-0.17	8.97	-3.65	0.000423	0.0025849	-0.61
ILMN_2100693	MAP2K4	-0.12	7.42	-3.65	0.0004234	0.002587	-0.62
ILMN_1684461	CADPS2	0.14	7.71	3.65	0.0004243	0.0025918	-0.62
ILMN_2195236	PGRMC2	-0.16	9.35	-3.65	0.0004248	0.0025942	-0.62
ILMN_1720857	NA	-0.24	8.39	-3.65	0.0004256	0.0025986	-0.62
ILMN_2355953	LILRB4	0.16	6.66	3.65	0.0004256	0.0025986	-0.62
ILMN_1730631	C2orf44	0.14	7.43	3.65	0.0004262	0.0026018	-0.63
ILMN_1740675	ACAN	0.12	6.41	3.65	0.0004266	0.0026037	-0.63
ILMN_1708782	MFAP3	-0.11	7.12	-3.65	0.0004281	0.0026124	-0.63
ILMN_1688000	POLDIP3	-0.12	8.30	-3.65	0.0004295	0.0026203	-0.63
ILMN_1797693	BRI3BP	-0.20	7.46	-3.65	0.0004298	0.002622	-0.63
ILMN_1784178	IFT172	-0.13	7.11	-3.64	0.0004305	0.0026254	-0.63
ILMN_1720513	SETBP1	0.17	7.62	3.64	0.0004318	0.0026329	-0.64
ILMN_1681249	KIF21A	-0.17	8.35	-3.64	0.0004343	0.0026477	-0.64
ILMN_1768505	IL13RA1	-0.18	10.28	-3.64	0.0004346	0.002649	-0.64
ILMN_1724897	C14orf93	-0.14	7.56	-3.64	0.0004363	0.0026591	-0.65
ILMN_1731048	TLR1	0.13	6.54	3.64	0.0004364	0.0026591	-0.65
ILMN_1735910	VMO1	0.09	6.57	3.64	0.0004383	0.0026697	-0.65
ILMN_3237324	MMS19	-0.17	8.55	-3.64	0.0004382	0.0026697	-0.65
ILMN_2218758	NECAB1	0.13	6.46	3.64	0.0004385	0.0026702	-0.65
ILMN_1697694	ATP6AP1	-0.15	10.67	-3.64	0.0004386	0.0026704	-0.65

ILMN_2414533	ARMCX6	0.12	7.26	3.64	0.0004398	0.0026777	-0.66
ILMN_1852224	NA	-0.14	6.74	-3.64	0.0004435	0.0026993	-0.66
ILMN_1797181	LOC93622	-0.16	7.12	-3.64	0.0004437	0.0027004	-0.66
ILMN_1726025	ASXL1	0.12	7.42	3.64	0.0004442	0.0027029	-0.65
ILMN_1666409	PSMB6	0.13	10.68	3.63	0.0004462	0.0027144	-0.67
ILMN_2129349	TSSC1	0.18	7.82	3.63	0.0004468	0.0027176	-0.67
ILMN_2404154	SERPINA1	0.49	9.71	3.63	0.0004478	0.0027234	-0.67
ILMN_1792597	CRYGS	-0.12	7.01	-3.63	0.0004488	0.0027292	-0.67
ILMN_1716279	CENPE	0.19	7.21	3.63	0.0004489	0.0027293	-0.67
ILMN_1656938	SLC37A2	-0.40	7.10	-3.63	0.000449	0.0027294	-0.67
ILMN_2238795	NEK3	-0.09	6.30	-3.63	0.0004493	0.0027305	-0.68
ILMN_1709026	PXDC1	0.11	6.61	3.63	0.0004504	0.002737	-0.67
ILMN_1767446	RNF150	0.21	7.04	3.63	0.0004513	0.0027418	-0.68
ILMN_1711078	NA	-0.20	7.27	-3.63	0.0004523	0.0027474	-0.68
ILMN_1686194	CWC27	0.12	8.12	3.63	0.0004524	0.0027477	-0.68
ILMN_1660368	TRRAP	0.12	9.35	3.63	0.000453	0.00275	-0.68
ILMN_1788955	PDLIM1	-0.21	10.08	-3.63	0.000453	0.00275	-0.68
ILMN_1724825	PCBP2	0.17	9.20	3.63	0.0004535	0.0027524	-0.68
ILMN_1798546	HDAC6	-0.14	7.54	-3.63	0.0004535	0.0027524	-0.68
ILMN_1793033	RBM28	0.12	6.93	3.63	0.000454	0.0027545	-0.68
ILMN_1665437	CYP2E1	0.11	6.62	3.63	0.0004546	0.0027573	-0.69
ILMN_1735275	WDSUB1	-0.17	7.96	-3.63	0.0004545	0.0027573	-0.68
ILMN_2410826	OAS1	-0.35	8.22	-3.63	0.0004561	0.0027658	-0.69
ILMN_1805024	ERBIN	-0.14	6.88	-3.63	0.000457	0.0027711	-0.69
ILMN_1696432	IDH1	-0.34	8.71	-3.63	0.0004573	0.002772	-0.69
ILMN_2277537	MUTYH	-0.11	6.53	-3.63	0.0004573	0.002772	-0.69
ILMN_1689842	MSMO1	-0.38	7.41	-3.63	0.0004575	0.0027723	-0.69
ILMN_1763852	ACACB	-0.25	8.13	-3.63	0.0004584	0.0027778	-0.69
ILMN_3270683	RPL19P12	-0.11	6.52	-3.63	0.0004596	0.0027844	-0.70
ILMN_2087656	SLCO2B1	0.30	9.04	3.63	0.0004598	0.0027847	-0.70
ILMN_1658351	FIS1	-0.18	8.67	-3.62	0.0004608	0.0027903	-0.70
ILMN_3250389	GPAA1	-0.11	6.86	-3.62	0.0004637	0.0028075	-0.70
ILMN_2395043	HSPA4	0.19	8.29	3.62	0.0004649	0.0028144	-0.70
ILMN_1806328	PDIK1L	-0.15	7.24	-3.62	0.0004655	0.0028176	-0.71
ILMN_1668582	CRBN	-0.19	8.24	-3.62	0.0004679	0.0028313	-0.71
ILMN_1677906	NA	0.22	8.53	3.62	0.0004679	0.0028313	-0.71
ILMN_1684789	SGF29	-0.12	7.07	-3.62	0.0004691	0.0028376	-0.72
ILMN_1675009	NMUR2	0.35	6.51	3.62	0.0004695	0.00284	-0.71
ILMN_1721391	ATP6V0B	-0.15	10.00	-3.62	0.0004701	0.002843	-0.72
ILMN_1790757	ADSL	0.18	9.24	3.62	0.0004718	0.0028524	-0.72
ILMN_1717393	PTCHD1	0.16	6.47	3.62	0.0004732	0.0028604	-0.72
ILMN_2225548	ZNF521	0.10	6.44	3.62	0.0004732	0.0028604	-0.72
ILMN_1698311	ABHD12B	-0.14	6.61	-3.62	0.0004755	0.0028733	-0.72
ILMN_1682326	PCP4	0.34	6.64	3.62	0.0004764	0.0028783	-0.73
ILMN_3234837	PKDCC	-0.32	7.78	-3.62	0.0004784	0.00289	-0.73
ILMN_1657288	GUSBP4	-0.13	7.23	-3.61	0.0004804	0.0029012	-0.74
ILMN_1744068	ELP3	-0.16	8.20	-3.61	0.0004804	0.0029012	-0.74
ILMN_1766505	COMMD10	0.13	7.97	3.61	0.0004807	0.0029025	-0.74

ILMN_1687484	ZFX	-0.18	7.12	-3.61	0.0004818	0.0029088	-0.74
ILMN_1734553	NA	-0.11	6.76	-3.61	0.000482	0.0029091	-0.74
ILMN_1659960	IL4I1	0.13	6.57	3.61	0.0004822	0.0029096	-0.74
ILMN_1667030	HSBP1	-0.12	9.89	-3.61	0.0004831	0.0029148	-0.74
ILMN_1656940	ABLIM3	0.12	6.57	3.61	0.0004841	0.0029206	-0.74
ILMN_1910330	NA	-0.14	7.35	-3.61	0.0004854	0.0029276	-0.75
ILMN_3248511	FAM167A	0.17	6.78	3.61	0.0004855	0.002928	-0.74
ILMN_1674051	CCHCR1	-0.12	6.64	-3.61	0.0004871	0.0029367	-0.75
ILMN_1762115	CRYZL1	-0.17	7.84	-3.61	0.0004872	0.0029371	-0.75
ILMN_1909156	NA	-0.31	7.37	-3.61	0.0004876	0.0029389	-0.75
ILMN_2336970	MUTYH	-0.12	6.56	-3.61	0.0004896	0.0029503	-0.75
ILMN_3289171	RPS27	0.15	6.86	3.61	0.00049	0.0029523	-0.76
ILMN_2307450	ZNF302	-0.17	9.16	-3.61	0.0004912	0.0029593	-0.76
ILMN_1777528	NCBP1	-0.14	8.80	-3.61	0.0004919	0.0029627	-0.76
ILMN_1666594	IRF8	0.34	9.38	3.60	0.0004932	0.0029703	-0.76
ILMN_1751559	NA	0.15	6.82	3.60	0.0004933	0.0029703	-0.76
ILMN_1666761	PPP2R5E	-0.15	9.65	-3.60	0.000494	0.0029741	-0.76
ILMN_2155708	TLR3	-0.15	6.56	-3.60	0.0004964	0.0029876	-0.77
ILMN_1729433	LIPH	-0.14	6.76	-3.60	0.0004974	0.0029931	-0.77
ILMN_1754130	TRIM52	-0.13	7.29	-3.60	0.0004982	0.0029967	-0.77
ILMN_1795344	GOLIM4	-0.25	8.55	-3.60	0.0004982	0.0029967	-0.77
ILMN_2354381	PON2	-0.17	10.53	-3.60	0.0004982	0.0029967	-0.77
ILMN_2377385	SERPINA9	0.21	6.54	3.60	0.0004985	0.0029977	-0.77
ILMN_1731966	LEPR	0.10	6.56	3.60	0.0004989	0.0029996	-0.77
ILMN_1686562	KIF13B	-0.21	9.26	-3.60	0.0004991	0.0030003	-0.77
ILMN_1792473	AIF1	0.38	8.86	3.60	0.000501	0.0030112	-0.78
ILMN_1728742	FAXDC2	-0.17	6.99	-3.60	0.0005011	0.0030113	-0.78
ILMN_1694799	PIAS2	0.10	7.38	3.60	0.0005031	0.0030214	-0.78
ILMN_1748881	MRAS	0.09	6.47	3.60	0.0005029	0.0030214	-0.78
ILMN_1784286	NDUFA1	-0.17	12.00	-3.60	0.000503	0.0030214	-0.78
ILMN_2377019	CORO1B	-0.15	7.03	-3.60	0.0005031	0.0030214	-0.78
ILMN_1740861	DTWD1	0.19	7.74	3.60	0.0005035	0.003023	-0.78
ILMN_1804415	SMAGP	-0.23	9.23	-3.60	0.0005043	0.0030275	-0.78
ILMN_1715804	PITPNA	-0.13	7.09	-3.60	0.0005048	0.0030297	-0.78
ILMN_1738784	PPP2R5A	-0.16	8.49	-3.60	0.0005052	0.0030318	-0.78
ILMN_1805932	C6orf163	-0.13	6.60	-3.60	0.0005057	0.0030334	-0.79
ILMN_2357419	LILRA5	0.11	6.46	3.60	0.0005056	0.0030334	-0.79
ILMN_1740385	CEP164	0.12	6.87	3.60	0.0005059	0.0030344	-0.78
ILMN_1898518	GFRA1	0.21	7.02	3.60	0.0005065	0.0030371	-0.79
ILMN_2214713	C4orf36	-0.11	6.58	-3.60	0.0005065	0.0030371	-0.79
ILMN_2248725	TYSND1	-0.11	6.50	-3.60	0.000509	0.0030516	-0.79
ILMN_1726704	RSC1A1	0.09	6.54	3.59	0.000511	0.0030626	-0.80
ILMN_3242330	FAM65C	0.14	6.72	3.60	0.000511	0.0030626	-0.78
ILMN_1722158	CASP5	-0.37	7.30	-3.59	0.0005131	0.003074	-0.80
ILMN_1722905	MRPS11	-0.17	8.44	-3.59	0.0005131	0.003074	-0.80
ILMN_1750160	FASTKD3	-0.15	7.44	-3.59	0.000514	0.0030788	-0.80
ILMN_1809859	PCGF2	-0.15	7.26	-3.59	0.0005148	0.0030831	-0.80
ILMN_1747627	ABCA2	-0.16	6.82	-3.59	0.0005156	0.0030872	-0.80

ILMN_2320906	RTN3	-0.16	7.18	-3.59	0.0005165	0.003092	-0.80
ILMN_1775182	GSR	-0.19	8.12	-3.59	0.0005172	0.0030959	-0.81
ILMN_2415170	VPS8	-0.11	7.09	-3.59	0.0005191	0.0031066	-0.81
ILMN_1691662	HAVCR1P1	-0.10	6.32	-3.59	0.0005198	0.0031102	-0.81
ILMN_1713384	TSHZ2	0.15	6.81	3.59	0.0005217	0.003121	-0.81
ILMN_1703852	EFNB2	0.21	10.03	3.59	0.0005228	0.0031266	-0.82
ILMN_1803779	AP2A2	-0.14	6.93	-3.59	0.0005228	0.0031266	-0.82
ILMN_1739942	FAM117B	-0.20	9.35	-3.59	0.000523	0.0031269	-0.82
ILMN_1714805	ZC3H14	-0.11	6.97	-3.59	0.0005231	0.0031271	-0.82
ILMN_1753712	STX10	-0.17	7.80	-3.59	0.0005233	0.0031277	-0.82
ILMN_1771841	FOSL1	0.19	6.64	3.59	0.0005244	0.0031339	-0.82
ILMN_1692413	NMNAT1	-0.15	6.99	-3.59	0.0005246	0.0031346	-0.82
ILMN_1782045	FKBP4	-0.18	7.62	-3.59	0.000525	0.0031362	-0.82
ILMN_1790202	C1orf35	-0.10	7.19	-3.59	0.0005255	0.003139	-0.82
ILMN_2050617	CCT6P1	0.16	8.64	3.59	0.0005269	0.0031465	-0.82
ILMN_1795128	PROSER1	-0.19	8.66	-3.59	0.0005272	0.0031479	-0.82
ILMN_1701007	PON3	-0.19	7.23	-3.59	0.0005279	0.0031516	-0.82
ILMN_1703683	COG4	-0.14	7.35	-3.58	0.000528	0.0031517	-0.83
ILMN_3307777	RETNLB	-0.83	9.24	-3.58	0.0005286	0.0031548	-0.83
ILMN_1737535	TAF4	-0.13	8.34	-3.58	0.0005301	0.0031627	-0.83
ILMN_1703648	TMEM82	-0.12	6.66	-3.58	0.0005305	0.0031649	-0.83
ILMN_1758418	TNFSF13B	0.28	7.39	3.58	0.0005313	0.0031693	-0.83
ILMN_1700488	PPARA	-0.11	6.51	-3.58	0.0005317	0.0031711	-0.83
ILMN_1753010	GATB	-0.13	7.27	-3.58	0.0005333	0.0031802	-0.84
ILMN_1772686	FGD3	0.33	7.90	3.58	0.0005342	0.0031848	-0.84
ILMN_1773696	RGMB	-0.09	6.47	-3.58	0.0005353	0.0031907	-0.84
ILMN_1719975	HOXC4	0.13	6.53	3.58	0.0005357	0.0031923	-0.84
ILMN_1673409	NA	0.13	6.67	3.58	0.0005395	0.0032143	-0.85
ILMN_2403237	CHN2	-0.22	7.92	-3.58	0.0005404	0.0032193	-0.85
ILMN_2261600	NA	0.13	6.56	3.58	0.0005432	0.0032357	-0.85
ILMN_2070210	RNF219	0.16	8.12	3.58	0.0005443	0.0032414	-0.85
ILMN_1800602	GCA	0.20	8.16	3.57	0.0005476	0.0032608	-0.86
ILMN_2391355	STAMBP	-0.12	7.80	-3.57	0.0005479	0.0032618	-0.86
ILMN_1669310	RHOT2	-0.17	8.19	-3.57	0.0005486	0.0032655	-0.86
ILMN_2367477	FBXO25	-0.11	6.57	-3.57	0.0005499	0.0032725	-0.86
ILMN_1719616	DNASE1	-0.13	6.54	-3.57	0.0005509	0.0032782	-0.87
ILMN_1718946	ADAM10	-0.19	7.93	-3.57	0.0005512	0.0032791	-0.86
ILMN_1775268	HECW2	0.12	6.58	3.57	0.0005536	0.0032928	-0.87
ILMN_2380494	ANXA11	-0.13	8.22	-3.57	0.0005548	0.0032998	-0.87
ILMN_1651254	LPP	0.22	11.63	3.57	0.0005556	0.0033036	-0.87
ILMN_1665909	LASP1	-0.22	11.53	-3.57	0.0005564	0.0033081	-0.87
ILMN_1757350	CTNNB1	0.23	8.67	3.57	0.0005574	0.0033131	-0.88
ILMN_2207328	TPGS2	0.21	7.23	3.57	0.00056	0.0033279	-0.88
ILMN_1680436	NA	-0.12	6.74	-3.57	0.0005606	0.0033305	-0.88
ILMN_1705346	NBEA	0.19	6.97	3.57	0.0005605	0.0033305	-0.88
ILMN_1661809	PRRG4	-0.15	6.74	-3.57	0.0005607	0.0033306	-0.88
ILMN_1723287	SLC6A16	0.12	6.77	3.57	0.000561	0.0033314	-0.88
ILMN_3247998	STAP1	0.38	7.03	3.57	0.000561	0.0033314	-0.88

ILMN_2128623	NA	0.11	6.56	3.57	0.0005612	0.0033318	-0.88
ILMN_1763104	TRAF4	-0.13	6.85	-3.57	0.0005624	0.0033385	-0.88
ILMN_1658469	TP53TG1	-0.15	6.95	-3.57	0.0005637	0.0033455	-0.89
ILMN_1810875	SYNGR1	0.10	6.40	3.57	0.0005646	0.0033505	-0.88
ILMN_2104830	ACP2	-0.18	8.07	-3.56	0.0005659	0.0033577	-0.89
ILMN_1688606	RNFT1	-0.16	7.22	-3.56	0.0005661	0.0033578	-0.89
ILMN_1748767	NA	-0.16	11.33	-3.57	0.0005667	0.003361	-0.89
ILMN_1696099	ALDH4A1	0.10	6.53	3.56	0.000568	0.0033677	-0.89
ILMN_2138435	MRPS27	0.15	8.43	3.56	0.000568	0.0033677	-0.89
ILMN_1902467	NA	-0.12	6.74	-3.56	0.0005682	0.0033683	-0.89
ILMN_1720438	RPL26L1	0.14	8.43	3.56	0.0005694	0.0033746	-0.90
ILMN_3272424	HNRNPA1	0.13	6.87	3.56	0.0005696	0.0033754	-0.90
ILMN_2317658	SLC3A2	0.10	6.78	3.56	0.0005704	0.0033793	-0.90
ILMN_1785095	ATP6V0E2	-0.20	8.02	-3.56	0.0005707	0.003381	-0.90
ILMN_1651886	CWF19L1	0.13	8.77	3.56	0.0005722	0.0033879	-0.90
ILMN_1705124	DHRS7C	-0.09	6.45	-3.56	0.0005721	0.0033879	-0.90
ILMN_2183510	MANF	0.26	10.28	3.56	0.0005722	0.0033879	-0.90
ILMN_1720484	CRTAP	0.14	6.98	3.56	0.0005732	0.0033932	-0.90
ILMN_2072045	SOWAHB	-0.12	6.57	-3.56	0.000575	0.003403	-0.90
ILMN_1666019	ADNP	-0.12	6.99	-3.56	0.0005752	0.0034037	-0.91
ILMN_1737170	FLII	-0.14	7.75	-3.56	0.0005762	0.0034087	-0.91
ILMN_3204210	RPL10	0.18	13.05	3.56	0.0005762	0.0034087	-0.91
ILMN_1682264	DCAF7	-0.12	9.76	-3.56	0.0005786	0.003422	-0.91
ILMN_1742001	CD160	-0.16	6.56	-3.56	0.0005808	0.0034344	-0.91
ILMN_1713983	CRYM-AS1	-0.11	6.64	-3.56	0.0005827	0.0034446	-0.92
ILMN_1815107	MATR3	0.12	11.12	3.56	0.0005826	0.0034446	-0.92
ILMN_1775327	PKM	0.19	7.71	3.56	0.0005829	0.0034452	-0.92
ILMN_2374159	HERPUD1	0.39	9.82	3.55	0.0005843	0.0034529	-0.92
ILMN_1663068	C1orf228	0.17	6.69	3.55	0.0005845	0.0034537	-0.92
ILMN_1771084	ACSM3	-0.28	8.18	-3.55	0.0005859	0.0034613	-0.92
ILMN_1737308	GLRX	0.24	10.28	3.55	0.0005868	0.0034661	-0.92
ILMN_1753008	REXO1	-0.13	7.12	-3.55	0.0005889	0.0034778	-0.93
ILMN_2235354	PWWP2B	-0.13	6.69	-3.55	0.0005891	0.003478	-0.93
ILMN_1706238	CSE1L	0.19	9.16	3.55	0.0005904	0.0034849	-0.93
ILMN_2087528	CPSF3	0.15	8.87	3.55	0.0005906	0.0034849	-0.93
ILMN_2398408	TCEAL1	0.17	7.00	3.55	0.0005906	0.0034849	-0.93
ILMN_3238221	FLJ42627	-0.23	7.17	-3.55	0.0005906	0.0034849	-0.93
ILMN_1696839	RPS27	0.20	11.67	3.55	0.0005914	0.0034889	-0.93
ILMN_1774432	DTD1	0.14	7.23	3.55	0.0005916	0.0034895	-0.93
ILMN_2160005	NUMA1	-0.19	8.33	-3.55	0.0005924	0.0034935	-0.93
ILMN_1683165	FAM20C	0.11	6.41	3.55	0.0005955	0.0035115	-0.94
ILMN_1730928	CDK5R1	0.16	6.74	3.55	0.0005961	0.0035142	-0.94
ILMN_1716678	NPC2	0.14	12.11	3.55	0.0005969	0.0035184	-0.94
ILMN_1812278	LY9	0.30	6.63	3.55	0.0005977	0.0035223	-0.94
ILMN_3278548	RPL7	0.11	6.60	3.55	0.0005978	0.0035226	-0.94
ILMN_1767414	NA	-0.14	6.65	-3.55	0.0005981	0.0035239	-0.94
ILMN_1655482	TRIM27	0.11	6.90	3.55	0.0005992	0.0035297	-0.94
ILMN_2113490	NTN4	-0.18	7.60	-3.55	0.0005995	0.0035305	-0.94

ILMN_1898124	SNHG15	0.22	7.85	3.55	0.0006019	0.0035444	-0.95
ILMN_1711493	PRAM1	0.10	6.36	3.55	0.0006028	0.0035492	-0.95
ILMN_1747598	PPP1R11	-0.14	10.66	-3.55	0.0006037	0.0035534	-0.95
ILMN_2116714	SLC39A1	0.15	8.66	3.55	0.0006044	0.003557	-0.95
ILMN_1786707	EMC10	-0.10	6.67	-3.54	0.0006054	0.0035623	-0.95
ILMN_2399497	RFXANK	-0.14	6.93	-3.54	0.0006057	0.0035636	-0.95
ILMN_1708041	PLEKHF1	0.15	7.00	3.54	0.0006062	0.0035655	-0.95
ILMN_3234841	RPL23AP7	0.14	12.91	3.54	0.0006066	0.0035677	-0.96
ILMN_1756572	COQ2	0.18	8.82	3.54	0.0006082	0.0035766	-0.96
ILMN_1753716	EIF2B1	-0.10	8.06	-3.54	0.0006126	0.0036018	-0.96
ILMN_1680403	SSR4	0.35	11.32	3.54	0.0006132	0.0036048	-0.97
ILMN_1671928	PROS1	0.34	9.15	3.54	0.0006141	0.0036094	-0.97
ILMN_2359211	AP2A1	0.11	6.60	3.54	0.0006145	0.0036109	-0.97
ILMN_1682288	NA	-0.21	7.75	-3.54	0.0006153	0.0036136	-0.96
ILMN_1689725	RPLP1	0.27	8.48	3.54	0.0006151	0.0036136	-0.96
ILMN_1752802	CLPTM1L	-0.21	9.17	-3.54	0.0006152	0.0036136	-0.96
ILMN_2382648	MID2	0.14	6.45	3.54	0.0006157	0.0036158	-0.97
ILMN_1772627	NSG1	-0.18	7.36	-3.54	0.0006179	0.0036281	-0.97
ILMN_1668498	CWF19L2	0.14	7.48	3.54	0.0006185	0.0036308	-0.97
ILMN_2324994	IKBIP	0.11	6.63	3.54	0.000619	0.0036332	-0.97
ILMN_2313730	RHOC	-0.20	11.60	-3.54	0.0006193	0.0036343	-0.97
ILMN_1712918	NQO2	0.18	7.22	3.54	0.0006196	0.0036353	-0.98
ILMN_1761049	AGO3	0.10	6.51	3.54	0.0006201	0.0036375	-0.98
ILMN_1772316	SUN1	-0.19	8.80	-3.54	0.0006205	0.0036395	-0.98
ILMN_2399896	SEC31A	0.16	9.66	3.54	0.0006221	0.0036479	-0.98
ILMN_1736834	SKIL	0.11	6.64	3.54	0.0006223	0.0036485	-0.98
ILMN_1748685	TRIM31	-0.53	9.66	-3.54	0.0006224	0.0036486	-0.98
ILMN_1660938	TOE1	-0.11	6.78	-3.54	0.0006235	0.0036545	-0.98
ILMN_1683678	SPATS2L	-0.25	9.65	-3.53	0.0006289	0.0036855	-0.99
ILMN_3297644	TMEM214	0.16	7.98	3.53	0.0006294	0.0036881	-0.99
ILMN_1803073	DNAJC12	0.35	7.86	3.53	0.0006304	0.0036933	-0.99
ILMN_1756139	NA	0.15	8.57	3.53	0.0006306	0.0036936	-0.99
ILMN_1748271	ATF2	0.11	6.71	3.53	0.000632	0.0037013	-0.99
ILMN_1745368	TMEM50A	-0.11	7.29	-3.53	0.0006324	0.003702	-0.99
ILMN_1781565	MESDC1	0.13	6.73	3.53	0.0006323	0.003702	-0.99
ILMN_3301824	TSEN15	0.12	6.85	3.53	0.000633	0.003705	-0.99
ILMN_1753243	DNAJB11	0.20	10.31	3.53	0.0006342	0.0037113	-1.00
ILMN_1656868	NA	-0.25	11.58	-3.53	0.0006348	0.0037142	-1.00
ILMN_3244607	FAM117B	-0.17	7.71	-3.53	0.0006351	0.0037155	-1.00
ILMN_1777487	ZNF839	-0.14	6.92	-3.53	0.0006354	0.0037169	-1.00
ILMN_1763007	MFSD14A	0.13	7.45	3.53	0.0006366	0.0037232	-1.00
ILMN_1697827	ATP2A3	-0.18	7.63	-3.53	0.0006375	0.0037278	-1.00
ILMN_1700834	SLK	0.18	8.47	3.53	0.000638	0.00373	-1.00
ILMN_2323933	LAIR2	0.25	6.72	3.53	0.0006387	0.0037335	-1.00
ILMN_1734695	MAP4	0.09	6.38	3.53	0.0006396	0.0037383	-1.01
ILMN_1768035	MMP12	0.72	7.69	3.53	0.0006401	0.0037403	-1.01
ILMN_2408987	SMARCD3	0.09	6.41	3.52	0.0006456	0.0037721	-1.01
ILMN_1774844	MAPKAPK2	0.17	8.09	3.52	0.0006468	0.0037779	-1.02

ILMN_1665583	TUBB	0.24	8.45	3.52	0.0006473	0.0037805	-1.02
ILMN_1835780	NA	-0.09	6.55	-3.52	0.0006474	0.0037805	-1.02
ILMN_2193233	MZB1	0.54	8.64	3.52	0.0006478	0.0037822	-1.02
ILMN_1794782	ABCG1	-0.25	8.45	-3.52	0.0006508	0.003799	-1.02
ILMN_1723141	OTUD1	0.15	7.69	3.52	0.0006529	0.0038106	-1.02
ILMN_1763828	MTF1	-0.15	8.01	-3.52	0.0006533	0.0038122	-1.02
ILMN_1696974	ANG	-0.25	8.96	-3.52	0.0006552	0.0038222	-1.03
ILMN_1723909	RPL21P44	0.09	6.66	3.52	0.0006551	0.0038222	-1.03
ILMN_1684271	ACBD6	0.12	6.88	3.52	0.0006563	0.0038279	-1.03
ILMN_1797298	ARMC7	-0.15	7.29	-3.52	0.0006579	0.0038364	-1.03
ILMN_1658628	LINC00239	0.11	6.69	3.52	0.0006593	0.0038438	-1.03
ILMN_1786015	CTCF	-0.12	7.79	-3.52	0.0006606	0.0038509	-1.04
ILMN_3240370	UQCC3	-0.13	6.93	-3.52	0.0006611	0.0038533	-1.04
ILMN_1832720	NA	0.11	6.51	3.52	0.000663	0.0038639	-1.04
ILMN_1723004	CD72	0.28	6.69	3.52	0.0006636	0.0038668	-1.04
ILMN_1687440	HIPK2	0.20	8.16	3.52	0.0006639	0.0038674	-1.04
ILMN_1761812	DMD	0.13	6.74	3.52	0.0006641	0.0038679	-1.04
ILMN_2195665	PANK3	-0.13	7.09	-3.52	0.0006648	0.0038714	-1.04
ILMN_1719661	MSRB1	-0.23	9.26	-3.52	0.0006652	0.0038733	-1.04
ILMN_1698897	NLRP9	-0.11	6.59	-3.52	0.0006655	0.0038746	-1.04
ILMN_1763147	NDUFB6	-0.15	9.05	-3.51	0.0006692	0.0038944	-1.05
ILMN_2366388	PRDX1	0.21	11.09	3.51	0.0006691	0.0038944	-1.05
ILMN_1690708	SPTBN1	-0.18	7.56	-3.51	0.0006695	0.0038959	-1.05
ILMN_2294976	ANG	-0.25	8.82	-3.51	0.0006698	0.003897	-1.05
ILMN_2340721	TMEM134	-0.16	7.90	-3.51	0.0006721	0.0039092	-1.05
ILMN_2343048	ABCB9	-0.16	7.35	-3.51	0.0006722	0.0039095	-1.05
ILMN_1655340	RNF181	0.12	9.04	3.51	0.0006734	0.0039146	-1.05
ILMN_1747314	MYO5B	-0.11	6.62	-3.51	0.0006733	0.0039146	-1.05
ILMN_1747800	LCNL1	0.12	6.64	3.51	0.0006733	0.0039146	-1.05
ILMN_2091375	KRCC1	-0.21	7.74	-3.51	0.0006746	0.0039205	-1.05
ILMN_2353143	FBLIM1	-0.16	6.95	-3.51	0.0006752	0.0039238	-1.06
ILMN_3298800	SEC14L1P1	-0.10	6.64	-3.51	0.0006762	0.0039284	-1.06
ILMN_1683817	UBE2Q2	0.19	8.39	3.51	0.0006783	0.0039399	-1.06
ILMN_1775036	SEC22A	0.13	8.01	3.51	0.0006797	0.0039476	-1.06
ILMN_2067890	CXCL11	0.21	6.66	3.51	0.00068	0.003949	-1.06
ILMN_1755862	PFAS	0.14	7.82	3.51	0.0006818	0.0039586	-1.06
ILMN_3182102	MUC12	-0.40	7.86	-3.51	0.0006832	0.003966	-1.07
ILMN_1813682	MRPL53	0.11	7.57	3.51	0.0006837	0.0039682	-1.07
ILMN_1737650	DIO2	0.18	6.75	3.51	0.0006846	0.0039727	-1.07
ILMN_1793572	ANKRD20A1	-0.26	7.33	-3.51	0.0006858	0.0039788	-1.07
ILMN_1787511	THUMPD2	0.10	7.23	3.51	0.0006869	0.0039847	-1.07
ILMN_1704398	FZD9	0.15	6.50	3.51	0.0006877	0.0039882	-1.07
ILMN_2197030	ZFYVE21	-0.16	9.04	-3.51	0.0006877	0.0039882	-1.07
ILMN_1831751	NA	0.12	6.51	3.51	0.0006881	0.00399	-1.07
ILMN_2073592	CAND2	0.12	6.69	3.51	0.0006891	0.0039942	-1.07
ILMN_2199947	REV3L	0.11	6.70	3.51	0.0006891	0.0039942	-1.07
ILMN_3251467	LRRC58	0.17	7.61	3.50	0.0006913	0.0040065	-1.08
ILMN_1708427	KPNA3	0.16	8.53	3.50	0.0006938	0.0040197	-1.08

ILMN_1811188	BCCIP	0.17	8.01	3.50	0.0006939	0.0040197	-1.08
ILMN_2100357	SMPDL3A	-0.24	7.09	-3.50	0.0006963	0.0040335	-1.08
ILMN_1679217	FAM110B	0.11	6.52	3.50	0.0006995	0.0040513	-1.08
ILMN_2348090	MRPL55	0.11	7.41	3.50	0.0007004	0.0040555	-1.08
ILMN_1651433	DCK	0.22	7.76	3.50	0.0007012	0.0040596	-1.09
ILMN_1694840	MATN2	0.19	10.38	3.50	0.0007019	0.004063	-1.09
ILMN_1734915	METTL18	-0.13	6.90	-3.50	0.0007031	0.0040691	-1.09
ILMN_1750785	SYTL1	0.14	6.77	3.50	0.0007046	0.0040774	-1.10
ILMN_1810881	ASB16	0.21	6.64	3.50	0.0007049	0.0040781	-1.10
ILMN_3287952	CDC27	0.09	6.61	3.50	0.0007051	0.0040788	-1.10
ILMN_2401730	C1GALT1C1	-0.12	7.56	-3.50	0.0007053	0.0040792	-1.10
ILMN_1717809	RNF24	0.17	7.03	3.50	0.0007057	0.004081	-1.10
ILMN_1688158	CYB5R4	0.15	7.75	3.50	0.0007064	0.0040843	-1.10
ILMN_1682232	MIER1	-0.19	8.66	-3.50	0.0007084	0.0040949	-1.10
ILMN_1662799	GPSM3	0.30	7.57	3.50	0.000709	0.004098	-1.10
ILMN_1651788	MAP3K11	-0.17	7.78	-3.50	0.0007104	0.0041049	-1.10
ILMN_2129715	COG3	-0.15	7.32	-3.50	0.0007112	0.0041093	-1.10
ILMN_1740512	TMSB15B	0.14	7.11	3.50	0.0007116	0.0041109	-1.10
ILMN_1705111	FNDC3A	0.18	7.63	3.50	0.0007135	0.0041212	-1.11
ILMN_2173524	FOXD4	0.10	6.55	3.49	0.0007137	0.0041215	-1.11
ILMN_1653342	DUS1L	-0.13	7.48	-3.49	0.0007152	0.0041294	-1.11
ILMN_1725250	CCDC50	-0.11	6.52	-3.49	0.0007171	0.0041394	-1.11
ILMN_2375319	RASGRP2	0.23	6.74	3.49	0.0007171	0.0041394	-1.11
ILMN_3244526	TCTN3	-0.12	7.12	-3.49	0.0007176	0.0041415	-1.11
ILMN_1654920	HNRNPH3	-0.17	8.96	-3.49	0.0007179	0.0041426	-1.11
ILMN_1706990	ZNF271P	-0.13	7.38	-3.49	0.0007181	0.0041429	-1.11
ILMN_1797604	CAP1	0.15	11.95	3.49	0.0007189	0.0041468	-1.11
ILMN_1678966	SNRPF	0.20	9.84	3.49	0.0007197	0.0041507	-1.12
ILMN_1745423	UTP3	0.17	7.35	3.49	0.0007204	0.0041532	-1.12
ILMN_2393149	ALOX15B	0.10	6.68	3.49	0.0007203	0.0041532	-1.12
ILMN_2331232	NA	0.29	6.84	3.49	0.0007211	0.0041567	-1.12
ILMN_3235803	AQP7P3	0.10	6.56	3.49	0.0007215	0.0041581	-1.12
ILMN_2182148	CNRIP1	0.14	6.83	3.49	0.0007236	0.0041696	-1.12
ILMN_1809208	CAMSAP3	-0.14	6.77	-3.49	0.0007243	0.0041721	-1.12
ILMN_3225406	FAM133CP	0.10	7.54	3.49	0.0007241	0.0041721	-1.12
ILMN_1809490	NCKAP5	-0.12	6.71	-3.49	0.0007251	0.0041761	-1.12
ILMN_1746820	NLRP4	0.10	6.43	3.49	0.0007256	0.0041784	-1.12
ILMN_2402416	DNAJB6	0.21	8.24	3.49	0.0007263	0.0041815	-1.12
ILMN_1813314	HIST1H2BK	-0.22	7.76	-3.49	0.0007267	0.0041834	-1.12
ILMN_2281502	DHRS9	0.25	7.16	3.49	0.0007294	0.0041981	-1.13
ILMN_1704795	MARK3	0.11	7.14	3.49	0.0007304	0.004203	-1.13
ILMN_1659564	SEC61A1	0.16	10.26	3.49	0.0007306	0.004203	-1.13
ILMN_1746784	SLAIN1	0.11	6.70	3.49	0.0007305	0.004203	-1.13
ILMN_1808071	KIF14	0.13	6.96	3.49	0.0007321	0.004211	-1.13
ILMN_1757736	IRX5	0.11	6.52	3.49	0.0007343	0.0042228	-1.13
ILMN_2105573	CCL3L3	0.47	7.10	3.49	0.0007355	0.0042288	-1.14
ILMN_1705991	NA	-0.16	8.02	-3.49	0.0007361	0.0042316	-1.14
ILMN_1804629	TPK1	0.26	8.14	3.49	0.0007365	0.0042335	-1.14

ILMN_2160160	SNORD36C	0.16	7.26	3.49	0.0007368	0.0042344	-1.14
ILMN_1661373	AGPAT3	-0.11	6.54	-3.48	0.0007378	0.0042378	-1.14
ILMN_1671005	IRF2BP2	-0.16	7.60	-3.48	0.0007379	0.0042378	-1.14
ILMN_1746257	DAZAP1	-0.14	8.16	-3.48	0.0007379	0.0042378	-1.14
ILMN_1763198	STAT6	-0.17	8.18	-3.49	0.0007377	0.0042378	-1.14
ILMN_2073012	TMEM203	-0.15	8.57	-3.48	0.0007404	0.0042515	-1.14
ILMN_2338452	SERPINA1	0.51	9.75	3.48	0.0007411	0.0042547	-1.14
ILMN_2349600	BRD8	-0.16	8.35	-3.48	0.0007418	0.004258	-1.14
ILMN_1734317	DPF2	0.13	8.11	3.48	0.0007429	0.0042637	-1.14
ILMN_1687213	FAM167A	0.16	6.64	3.48	0.0007434	0.0042659	-1.15
ILMN_1697363	C20orf27	0.16	7.41	3.48	0.0007446	0.0042722	-1.15
ILMN_1672486	TCF7L2	-0.14	7.31	-3.48	0.0007471	0.0042858	-1.15
ILMN_1662896	WDR11	-0.14	7.82	-3.48	0.0007477	0.0042883	-1.15
ILMN_1685339	TPM1	-0.22	7.79	-3.48	0.0007481	0.00429	-1.15
ILMN_2273331	CEP112	0.08	6.42	3.48	0.0007497	0.0042986	-1.15
ILMN_1714158	PON2	-0.20	10.03	-3.48	0.00075	0.0042994	-1.15
ILMN_1787461	RUNX3	0.40	8.14	3.48	0.0007511	0.0043049	-1.15
ILMN_1728975	SCO1	-0.20	9.12	-3.48	0.0007543	0.0043228	-1.16
ILMN_1688534	EIF2B5	-0.14	8.16	-3.48	0.0007551	0.0043257	-1.16
ILMN_1740960	MACROD1	-0.15	6.80	-3.48	0.0007551	0.0043257	-1.16
ILMN_1804396	IRF2BPL	0.26	8.72	3.48	0.0007552	0.0043257	-1.16
ILMN_1710668	LETM1	-0.13	7.04	-3.48	0.0007559	0.0043285	-1.16
ILMN_1813275	DUSP22	0.18	9.71	3.48	0.0007559	0.0043285	-1.16
ILMN_1792078	RNF114	-0.15	10.47	-3.48	0.0007561	0.0043286	-1.16
ILMN_1795383	RPUSD3	-0.12	7.73	-3.48	0.0007573	0.0043348	-1.16
ILMN_1671686	DMTN	-0.10	6.73	-3.48	0.0007583	0.0043397	-1.16
ILMN_1751958	NSUN5	-0.15	7.82	-3.48	0.0007598	0.0043474	-1.17
ILMN_1709204	CLEC4A	0.18	6.97	3.47	0.0007632	0.0043664	-1.17
ILMN_1691937	CSH2	-0.09	6.40	-3.48	0.0007634	0.0043669	-1.16
ILMN_2048636	ME2	-0.20	7.89	-3.47	0.0007637	0.0043677	-1.17
ILMN_1782579	IMMT	-0.16	9.85	-3.47	0.0007648	0.0043736	-1.17
ILMN_3250972	REPS2	-0.17	7.24	-3.47	0.000765	0.0043738	-1.17
ILMN_1689585	C20orf194	0.12	6.76	3.47	0.0007652	0.0043744	-1.17
ILMN_1754538	FAM213A	-0.26	8.07	-3.47	0.0007654	0.0043747	-1.17
ILMN_1721128	TOMM34	0.18	8.52	3.47	0.0007659	0.0043767	-1.17
ILMN_1758323	ACPP	0.18	6.83	3.47	0.0007668	0.0043812	-1.17
ILMN_1722186	NDUFAF7	0.13	7.83	3.47	0.0007672	0.0043827	-1.17
ILMN_1716071	PAQR3	0.15	7.45	3.47	0.0007676	0.0043845	-1.18
ILMN_2381138	SEH1L	0.14	7.20	3.47	0.0007706	0.0044008	-1.18
ILMN_1680109	COL4A3BP	-0.13	8.36	-3.47	0.0007721	0.0044084	-1.18
ILMN_2388155	CASP3	-0.17	9.34	-3.47	0.0007737	0.0044171	-1.18
ILMN_1731640	TMSB15B	0.10	6.66	3.47	0.0007759	0.004429	-1.19
ILMN_1671116	XXYL1	0.13	7.33	3.47	0.0007774	0.0044361	-1.19
ILMN_2390453	BCKDHB	-0.14	7.16	-3.47	0.0007774	0.0044361	-1.19
ILMN_1813423	NAA60	-0.17	7.89	-3.47	0.0007786	0.0044417	-1.18
ILMN_1794260	KDM2B	0.20	9.05	3.47	0.0007791	0.0044438	-1.19
ILMN_1796589	TRIP13	0.22	7.25	3.47	0.0007792	0.0044438	-1.18
ILMN_1669456	NME3	-0.17	8.41	-3.47	0.0007799	0.0044472	-1.19

ILMN_1741566	BMP7	0.11	6.61	3.47	0.0007812	0.0044542	-1.19
ILMN_1716859	TDO2	0.36	7.10	3.47	0.0007839	0.0044687	-1.19
ILMN_1752582	RAB5B	-0.10	10.51	-3.47	0.0007858	0.0044786	-1.20
ILMN_3247320	ENHO	-0.12	6.92	-3.47	0.000788	0.0044906	-1.20
ILMN_1652490	MANSC1	-0.21	7.45	-3.47	0.0007882	0.0044907	-1.20
ILMN_1690999	MED23	-0.15	7.98	-3.46	0.000789	0.0044948	-1.20
ILMN_1748538	ALDH1A2	0.30	6.88	3.46	0.0007898	0.0044978	-1.20
ILMN_1764030	CCL23	-0.38	7.02	-3.46	0.0007898	0.0044978	-1.20
ILMN_1654893	SCAMP2	-0.10	6.89	-3.46	0.0007922	0.0045108	-1.20
ILMN_1793950	POTEM	0.16	7.05	3.46	0.0007931	0.0045147	-1.21
ILMN_1668863	LYPD1	0.09	6.54	3.46	0.0007946	0.0045231	-1.20
ILMN_2228035	HS3ST1	0.22	7.01	3.46	0.0007955	0.0045273	-1.21
ILMN_1666305	CDKN3	0.24	7.42	3.46	0.0007964	0.0045318	-1.21
ILMN_1721344	MOB3A	0.16	7.16	3.46	0.0007974	0.0045362	-1.21
ILMN_2369580	NPRL3	0.16	7.80	3.46	0.0007975	0.0045362	-1.21
ILMN_2284181	UGP2	-0.19	6.93	-3.46	0.0007977	0.0045366	-1.21
ILMN_1776151	OLFML1	0.18	7.15	3.46	0.000799	0.0045433	-1.21
ILMN_3176989	HAUS8	-0.12	6.93	-3.46	0.0007998	0.0045464	-1.21
ILMN_3236239	LOC1001295	-0.19	7.92	-3.46	0.0007997	0.0045464	-1.21
ILMN_1691559	ELF2	0.14	8.33	3.46	0.0008014	0.0045545	-1.22
ILMN_1680129	NSUN2	0.16	9.88	3.46	0.0008018	0.0045558	-1.22
ILMN_1715832	PIK3R4	0.11	6.88	3.46	0.0008018	0.0045558	-1.22
ILMN_1752510	FAM13A	-0.27	8.20	-3.46	0.0008029	0.0045609	-1.22
ILMN_1729198	IGKV1ORY-1	0.27	6.81	3.46	0.0008052	0.0045734	-1.21
ILMN_2328224	MADD	-0.13	6.79	-3.46	0.0008077	0.0045869	-1.22
ILMN_3294339	LOC1001312	-0.13	6.84	-3.46	0.0008085	0.0045907	-1.22
ILMN_1741032	HERC3	-0.14	7.17	-3.46	0.0008095	0.0045942	-1.22
ILMN_2121316	GORAB	-0.13	7.06	-3.46	0.0008095	0.0045942	-1.22
ILMN_3196687	LINC00261	0.42	8.07	3.46	0.0008094	0.0045942	-1.22
ILMN_1737561	N4BP2L2	-0.22	8.47	-3.46	0.0008105	0.0045988	-1.23
ILMN_1723087	MDK	0.10	6.48	3.46	0.0008127	0.0046108	-1.23
ILMN_1722718	BMP2	-0.25	8.46	-3.46	0.0008145	0.0046201	-1.23
ILMN_1686573	DEFB1	-0.46	8.46	-3.45	0.0008149	0.0046217	-1.23
ILMN_2399328	NELFB	-0.15	7.50	-3.45	0.0008175	0.0046353	-1.23
ILMN_1698213	RBM3	0.23	8.11	3.45	0.000821	0.004654	-1.24
ILMN_2413278	RPL13	0.23	8.91	3.45	0.000821	0.004654	-1.23
ILMN_1692844	TBC1D19	0.12	6.78	3.45	0.0008216	0.0046563	-1.23
ILMN_1652237	CBR3	0.16	6.87	3.45	0.0008226	0.0046606	-1.24
ILMN_1692260	MAFG	0.10	6.93	3.45	0.0008226	0.0046606	-1.24
ILMN_2217513	GLB1L	0.11	6.69	3.45	0.0008228	0.004661	-1.24
ILMN_1699570	TPD52L2	0.13	9.43	3.45	0.0008272	0.0046843	-1.24
ILMN_1767665	GPX8	0.22	7.15	3.45	0.0008271	0.0046843	-1.24
ILMN_1731064	ADCK3	-0.24	8.12	-3.45	0.0008284	0.0046904	-1.25
ILMN_2077905	PTGFRN	0.16	7.90	3.45	0.0008312	0.0047055	-1.25
ILMN_1753639	MTAP	0.13	7.40	3.45	0.0008325	0.0047111	-1.25
ILMN_1765558	NPAS2	0.18	7.15	3.45	0.0008327	0.0047111	-1.25
ILMN_2052335	MYOC	0.12	6.54	3.45	0.0008326	0.0047111	-1.25
ILMN_2364131	TTPAL	0.16	7.64	3.45	0.0008327	0.0047111	-1.25

ILMN_2306540	PDE9A	0.42	9.27	3.45	0.0008344	0.00472	-1.25
ILMN_2230683	CDCA7L	-0.12	6.95	-3.45	0.0008349	0.0047218	-1.25
ILMN_1661940	CAMTA1	0.10	6.70	3.45	0.0008361	0.0047278	-1.25
ILMN_1740486	NA	-0.11	6.82	-3.45	0.0008373	0.0047325	-1.26
ILMN_1829989	ZEB1-AS1	0.12	6.76	3.45	0.0008372	0.0047325	-1.26
ILMN_2108938	FNBP4	0.15	9.58	3.45	0.0008373	0.0047325	-1.26
ILMN_1768271	SMAP1	-0.20	8.18	-3.45	0.0008418	0.0047569	-1.26
ILMN_1746945	CSMD1	-0.09	6.59	-3.44	0.0008441	0.0047694	-1.26
ILMN_2345353	LST1	0.15	6.74	3.44	0.0008444	0.0047701	-1.26
ILMN_1692077	MXRA7	0.09	6.41	3.44	0.0008447	0.0047711	-1.26
ILMN_1743755	C6orf226	0.08	6.55	3.44	0.0008449	0.0047713	-1.26
ILMN_3214384	NA	-0.09	6.36	-3.44	0.0008474	0.0047844	-1.27
ILMN_1673544	TCEANC2	-0.11	6.85	-3.44	0.0008502	0.0047994	-1.27
ILMN_1672287	MYNN	-0.11	7.71	-3.44	0.0008521	0.0048093	-1.27
ILMN_1725831	TINCR	-0.12	6.47	-3.44	0.0008539	0.0048192	-1.27
ILMN_1756793	PAPD7	0.14	8.12	3.44	0.0008545	0.0048213	-1.27
ILMN_3230351	MUC12	-0.37	7.52	-3.44	0.0008573	0.0048363	-1.28
ILMN_1720048	CCL2	0.71	8.73	3.44	0.0008577	0.0048382	-1.28
ILMN_2184231	CHRD1	0.10	6.36	3.44	0.000858	0.0048389	-1.28
ILMN_1735594	CDC42SE2	-0.15	6.98	-3.44	0.0008592	0.0048452	-1.28
ILMN_1655433	BCKDHB	-0.12	7.28	-3.44	0.0008596	0.0048461	-1.28
ILMN_2405156	PLPP2	-0.14	7.22	-3.44	0.0008603	0.0048493	-1.28
ILMN_1702858	ADHFE1	-0.21	7.25	-3.44	0.0008613	0.0048542	-1.28
ILMN_1726289	KIAA1551	0.25	7.76	3.44	0.0008624	0.0048593	-1.28
ILMN_3307892	PARVA	0.19	8.13	3.44	0.0008625	0.0048593	-1.28
ILMN_1857069	KIAA1147	-0.10	6.56	-3.44	0.0008653	0.0048747	-1.29
ILMN_1700681	CD99L2	0.13	7.24	3.44	0.0008679	0.0048884	-1.29
ILMN_1718831	TMEM57	0.09	6.83	3.44	0.0008682	0.0048892	-1.29
ILMN_1694923	PTPN9	-0.10	6.81	-3.44	0.0008691	0.0048935	-1.29
ILMN_1730698	ODF2	0.13	7.74	3.44	0.0008699	0.0048971	-1.29
ILMN_2291954	SLA	0.11	6.38	3.44	0.0008702	0.004898	-1.29
ILMN_1786658	BOLA3	-0.18	10.05	-3.43	0.0008708	0.0049009	-1.29
ILMN_1673998	SSTR1	-0.11	6.69	-3.43	0.0008738	0.0049166	-1.30
ILMN_1706426	DSTN	0.16	11.04	3.43	0.0008748	0.0049215	-1.30
ILMN_1691476	MYLK	0.36	8.87	3.43	0.0008766	0.0049312	-1.30
ILMN_1699978	TMEM255A	0.11	6.62	3.43	0.0008768	0.0049312	-1.30
ILMN_2290998	CCS	-0.12	7.01	-3.43	0.0008772	0.0049329	-1.30
ILMN_2127379	ST6GALNAC:	0.13	6.86	3.43	0.000879	0.0049418	-1.30
ILMN_1654429	PMCH	0.17	6.84	3.43	0.0008797	0.0049452	-1.30
ILMN_1703487	LMO4	0.23	8.81	3.43	0.0008808	0.0049502	-1.30
ILMN_2069632	GTSF1	0.13	6.64	3.43	0.0008815	0.0049538	-1.30
ILMN_1673960	MAT2B	-0.12	6.67	-3.43	0.0008823	0.0049573	-1.30
ILMN_2413527	VCL	0.18	7.50	3.43	0.0008834	0.0049626	-1.31
ILMN_2339627	COPE	-0.16	8.23	-3.43	0.0008841	0.0049658	-1.31
ILMN_1775542	FCMR	0.49	7.66	3.43	0.0008845	0.0049673	-1.31
ILMN_1669516	ZSCAN9	-0.11	7.40	-3.43	0.0008852	0.0049706	-1.31
ILMN_1745034	SLC11A2	-0.21	8.80	-3.43	0.0008858	0.0049731	-1.31
ILMN_1723418	CEL	-0.14	6.66	-3.43	0.0008864	0.0049753	-1.31

ILMN_2176063	NA	0.11	6.41	3.43	0.0008865	0.0049753	-1.31
ILMN_1705066	BTBD11	0.12	6.61	3.43	0.0008868	0.0049759	-1.31
ILMN_2210199	NLGN4Y	0.11	6.49	3.43	0.0008869	0.0049759	-1.31
ILMN_1697959	SLC35B4	0.13	7.08	3.43	0.0008893	0.0049886	-1.31
ILMN_1787813	SLC5A3	-0.12	6.79	-3.43	0.0008897	0.0049894	-1.31
ILMN_2304624	EIF4H	-0.11	10.06	-3.43	0.0008897	0.0049894	-1.31
ILMN_1671092	SOX17	0.12	6.38	3.43	0.0008932	0.005008	-1.32
ILMN_1700448	SIM2	0.13	6.76	3.43	0.0008937	0.0050096	-1.32
ILMN_1789535	DHDDS	-0.17	7.46	-3.43	0.0008938	0.0050096	-1.32
ILMN_1678032	NR1H2	-0.12	7.39	-3.43	0.000894	0.00501	-1.32
ILMN_1679614	SGSM3	-0.16	7.33	-3.43	0.0008972	0.005027	-1.31
ILMN_1747650	BMP6	0.25	7.15	3.43	0.0008975	0.0050278	-1.32
ILMN_1774661	SNRPB	0.20	9.57	3.43	0.0008977	0.0050282	-1.32
ILMN_2067032	TRAF3IP1	0.09	6.53	3.43	0.0008978	0.0050282	-1.32
ILMN_1666022	TNFRSF10D	-0.12	6.76	-3.43	0.0008981	0.0050291	-1.32
ILMN_1807994	PCNP	0.16	9.98	3.43	0.0008985	0.0050302	-1.32
ILMN_1718766	MT1F	-0.76	9.91	-3.43	0.0008988	0.0050309	-1.32
ILMN_1781085	STAP1	0.21	6.70	3.42	0.000904	0.0050596	-1.33
ILMN_3229770	SKP1	-0.17	8.59	-3.42	0.0009065	0.0050727	-1.33
ILMN_1720838	DECR1	-0.19	10.77	-3.42	0.0009105	0.0050941	-1.33
ILMN_1755796	BEST2	-0.52	8.20	-3.42	0.0009109	0.0050957	-1.33
ILMN_1741440	SLC35A1	-0.18	10.24	-3.42	0.0009125	0.0051039	-1.33
ILMN_1687827	ZNF311	-0.11	6.53	-3.42	0.0009136	0.0051089	-1.34
ILMN_3307944	PHLDB3	-0.14	6.71	-3.42	0.0009144	0.0051125	-1.34
ILMN_3239213	PIRT	0.09	6.41	3.42	0.0009162	0.0051221	-1.34
ILMN_2303955	FKBP1B	-0.13	6.74	-3.42	0.0009182	0.0051325	-1.34
ILMN_1747673	RASL10A	0.11	6.66	3.42	0.0009206	0.0051438	-1.34
ILMN_1810025	SLC39A2	-0.14	6.43	-3.42	0.0009204	0.0051438	-1.34
ILMN_1739508	NA	1.07	12.60	3.42	0.0009217	0.0051494	-1.35
ILMN_1767766	PRDX2	-0.21	9.19	-3.42	0.000922	0.0051496	-1.35
ILMN_2234310	CPTP	-0.15	6.97	-3.42	0.0009221	0.0051496	-1.35
ILMN_1677404	RAP2A	0.17	8.62	3.42	0.0009248	0.0051634	-1.34
ILMN_3260618	APIP	0.42	8.65	3.42	0.0009248	0.0051634	-1.35
ILMN_1676336	NCEH1	-0.22	8.30	-3.42	0.0009284	0.0051816	-1.35
ILMN_2323508	AIF1L	0.09	6.45	3.42	0.0009283	0.0051816	-1.35
ILMN_1769734	NT5C3A	-0.19	8.88	-3.42	0.0009291	0.0051839	-1.35
ILMN_2332990	DIABLO	-0.12	7.56	-3.42	0.000929	0.0051839	-1.35
ILMN_1688959	CD27	0.31	7.38	3.41	0.0009322	0.0051987	-1.36
ILMN_1718483	AKR7A3	-0.20	6.99	-3.41	0.0009321	0.0051987	-1.36
ILMN_2145396	AKR7A3	-0.35	9.88	-3.41	0.0009319	0.0051987	-1.36
ILMN_1792733	FOXA3	-0.25	8.63	-3.41	0.0009331	0.005203	-1.36
ILMN_2084825	HBG2	0.16	6.58	3.41	0.0009385	0.0052324	-1.36
ILMN_1681975	OR52N2	-0.08	6.55	-3.41	0.0009394	0.0052363	-1.36
ILMN_1712155	RPL6	0.16	12.24	3.41	0.0009428	0.0052544	-1.37
ILMN_2412624	TP53I11	-0.12	6.78	-3.41	0.000943	0.0052547	-1.36
ILMN_1813256	CRIP1	-0.16	7.80	-3.41	0.0009434	0.0052563	-1.37
ILMN_1669981	BMS1P5	-0.12	6.89	-3.41	0.0009468	0.0052734	-1.37
ILMN_1807833	HM13	0.18	7.36	3.41	0.0009467	0.0052734	-1.37

ILMN_1658356	PAMR1	0.25	7.16	3.41	0.0009486	0.0052826	-1.37
ILMN_1690806	NA	-0.20	9.04	-3.41	0.0009497	0.0052879	-1.37
ILMN_2395981	PYHIN1	0.17	6.95	3.41	0.0009502	0.0052896	-1.37
ILMN_3242091	LINC00094	0.10	6.57	3.41	0.0009512	0.0052943	-1.37
ILMN_1803564	YIPF1	-0.15	8.30	-3.41	0.000952	0.0052978	-1.36
ILMN_2049274	ARHGDIG	0.08	6.31	3.41	0.0009536	0.0053058	-1.38
ILMN_3249032	EPCAM	-0.32	12.48	-3.41	0.0009543	0.0053092	-1.38
ILMN_1658624	UBXN6	-0.14	7.65	-3.41	0.0009556	0.0053153	-1.38
ILMN_1829768	NA	0.11	6.68	3.41	0.0009559	0.0053165	-1.38
ILMN_1804351	FZD7	0.21	7.25	3.41	0.0009562	0.0053172	-1.38
ILMN_1712455	RBM4	-0.13	7.47	-3.41	0.0009574	0.0053229	-1.38
ILMN_1751086	ATL3	0.17	8.37	3.41	0.0009594	0.0053332	-1.38
ILMN_1798980	CAPZB	0.14	9.32	3.41	0.0009598	0.0053333	-1.38
ILMN_1813669	ANKS1A	0.15	8.86	3.41	0.0009599	0.0053333	-1.38
ILMN_2093775	ZNF831	0.19	6.77	3.41	0.0009596	0.0053333	-1.38
ILMN_1652549	DTNA	0.10	6.52	3.40	0.0009613	0.0053402	-1.38
ILMN_1766793	RPP25L	-0.09	6.60	-3.40	0.000965	0.0053597	-1.39
ILMN_2414848	TBRG4	-0.15	7.29	-3.40	0.0009651	0.0053597	-1.38
ILMN_2323801	MOCS1	-0.24	7.70	-3.40	0.0009655	0.0053611	-1.38
ILMN_2065606	TOMM40L	-0.19	7.66	-3.40	0.0009668	0.0053674	-1.39
ILMN_3237632	NCLN	-0.18	8.81	-3.40	0.0009704	0.0053864	-1.39
ILMN_1787441	CCDC17	-0.11	6.50	-3.40	0.000971	0.005389	-1.39
ILMN_2072296	CKS2	0.26	8.98	3.40	0.0009719	0.0053929	-1.39
ILMN_1660305	PDE12	0.13	7.57	3.40	0.0009723	0.0053936	-1.39
ILMN_1753790	ZPR1	0.13	7.16	3.40	0.0009723	0.0053936	-1.39
ILMN_1786189	NIFK	0.23	8.57	3.40	0.0009745	0.005404	-1.40
ILMN_1804676	VAMP4	0.12	6.79	3.40	0.0009745	0.005404	-1.39
ILMN_1718063	LIPA	0.51	9.84	3.40	0.0009759	0.005411	-1.40
ILMN_1814221	NPTX1	0.25	6.83	3.40	0.0009839	0.0054542	-1.41
ILMN_3239073	NA	0.21	6.72	3.40	0.0009851	0.00546	-1.41
ILMN_1682957	PAC SIN3	0.09	6.44	3.40	0.0009863	0.0054659	-1.41
ILMN_1775163	PDE1A	0.11	6.64	3.40	0.00099	0.0054853	-1.41
ILMN_3238196	CYTH4	0.21	7.16	3.40	0.0009905	0.0054876	-1.41
ILMN_1690695	PEX11A	-0.21	7.67	-3.40	0.0009907	0.0054878	-1.41
ILMN_1813517	DISP2	-0.16	6.78	-3.40	0.000991	0.005488	-1.41
ILMN_3244019	KANK1	0.19	7.86	3.40	0.0009911	0.005488	-1.41
ILMN_3244200	LINC00965	0.10	6.59	3.40	0.0009917	0.0054908	-1.41
ILMN_1762594	NOD2	0.14	6.60	3.40	0.000994	0.0055023	-1.41
ILMN_2203896	SMAD7	-0.14	7.05	-3.39	0.0009966	0.0055158	-1.41
ILMN_2405756	VAMP1	0.08	6.41	3.39	0.000998	0.0055226	-1.42
ILMN_1753241	SNTA1	0.09	6.72	3.39	0.0010026	0.0055472	-1.42
ILMN_1764361	DUSP16	-0.13	7.36	-3.39	0.0010085	0.0055793	-1.43
ILMN_1753980	LRRC37B	-0.12	7.20	-3.39	0.0010114	0.0055939	-1.43
ILMN_1755677	EMC9	-0.14	7.20	-3.39	0.0010115	0.0055939	-1.43
ILMN_2130525	TSPAN13	-0.25	8.41	-3.39	0.0010129	0.0056005	-1.43
ILMN_1750052	NOP14	0.13	7.19	3.39	0.0010136	0.0056038	-1.43
ILMN_1750661	FBXW9	-0.14	7.37	-3.39	0.001015	0.0056107	-1.43
ILMN_1806937	BABAM1	-0.12	8.64	-3.39	0.0010156	0.0056131	-1.44

ILMN_1651949	SCYL3	-0.11	6.84	-3.39	0.0010158	0.0056134	-1.44
ILMN_1773847	DYNC1I2	0.18	9.42	3.39	0.0010174	0.0056208	-1.43
ILMN_3234116	TMA7	0.12	7.02	3.39	0.0010175	0.0056208	-1.44
ILMN_2374340	PLAUR	0.35	7.59	3.39	0.0010177	0.0056213	-1.44
ILMN_2401258	FAM13A	-0.22	7.95	-3.39	0.0010179	0.0056213	-1.43
ILMN_1762134	ECHDC1	-0.14	6.78	-3.39	0.0010187	0.0056248	-1.44
ILMN_1696339	ZIC2	0.21	6.59	3.39	0.0010195	0.005628	-1.44
ILMN_3246766	NA	-0.25	10.65	-3.39	0.0010196	0.005628	-1.44
ILMN_1670517	NA	-0.16	7.34	-3.39	0.0010209	0.0056343	-1.44
ILMN_1729487	GMPR	0.11	6.64	3.39	0.0010231	0.0056456	-1.44
ILMN_1796458	GABARAPL2	-0.13	10.18	-3.38	0.001026	0.0056606	-1.44
ILMN_2061732	YRDC	0.17	8.59	3.38	0.0010278	0.0056692	-1.45
ILMN_1886493	HNRNPA2B1	0.16	9.10	3.38	0.0010286	0.0056729	-1.45
ILMN_1737517	RPL29	0.17	7.26	3.38	0.0010298	0.0056787	-1.45
ILMN_1734653	FNDC1	0.18	6.76	3.38	0.0010354	0.0057085	-1.45
ILMN_1696601	VARS	0.19	8.27	3.38	0.0010358	0.0057102	-1.45
ILMN_1707925	ABHD12B	-0.18	6.74	-3.38	0.0010388	0.0057257	-1.46
ILMN_1718265	ATG5	-0.14	7.66	-3.38	0.0010408	0.0057348	-1.46
ILMN_1757129	TMEM88	0.10	6.60	3.38	0.0010407	0.0057348	-1.46
ILMN_1781419	C11orf73	0.16	7.54	3.38	0.0010414	0.0057373	-1.46
ILMN_1750912	STXBP6	0.20	7.62	3.38	0.0010422	0.0057407	-1.46
ILMN_1743643	ZXDC	-0.13	6.93	-3.38	0.0010424	0.0057408	-1.46
ILMN_1676745	ZNF142	0.10	8.10	3.38	0.0010459	0.0057594	-1.46
ILMN_2098013	CETP	0.19	6.68	3.38	0.0010464	0.0057611	-1.46
ILMN_1773814	NA	0.11	6.68	3.38	0.0010471	0.0057637	-1.46
ILMN_1770768	SLAMF1	0.20	6.73	3.38	0.0010505	0.005782	-1.47
ILMN_1813131	KRT8	-0.33	8.16	-3.38	0.001051	0.0057836	-1.47
ILMN_1658175	GGA1	-0.09	6.52	-3.38	0.0010515	0.0057847	-1.47
ILMN_1806306	SV2B	-0.12	6.84	-3.38	0.0010515	0.0057847	-1.47
ILMN_2363498	LSR	-0.17	7.36	-3.38	0.0010525	0.0057894	-1.47
ILMN_1774110	CHN2	-0.16	7.22	-3.38	0.0010558	0.0058062	-1.47
ILMN_1697710	IL37	-0.11	6.46	-3.38	0.0010577	0.005816	-1.47
ILMN_2355168	MGST1	-0.25	9.58	-3.38	0.0010579	0.005816	-1.47
ILMN_1712095	FOXO4	-0.19	8.78	-3.38	0.0010583	0.0058175	-1.47
ILMN_2124802	MT1H	-0.84	9.96	-3.37	0.00106	0.0058258	-1.48
ILMN_2081813	PCSK1	0.36	6.98	3.37	0.0010634	0.0058436	-1.47
ILMN_1794085	PPP6R1	0.12	7.09	3.37	0.0010643	0.0058476	-1.48
ILMN_1681670	SLC25A4	-0.16	7.65	-3.37	0.0010646	0.005848	-1.48
ILMN_3238326	RNF144A	-0.19	7.85	-3.37	0.0010709	0.005882	-1.48
ILMN_1662161	TBC1D13	-0.10	7.04	-3.37	0.0010717	0.0058856	-1.49
ILMN_1778991	NFIB	0.18	9.81	3.37	0.0010727	0.0058898	-1.49
ILMN_1782222	KIAA1033	0.11	6.78	3.37	0.0010764	0.0059091	-1.49
ILMN_1844692	NA	0.17	8.91	3.37	0.001079	0.0059224	-1.49
ILMN_3262454	CTDSP2	-0.11	6.74	-3.37	0.0010799	0.0059268	-1.49
ILMN_1680770	UBQLN2	0.14	8.80	3.37	0.001084	0.0059483	-1.50
ILMN_1678805	POMT2	-0.16	7.36	-3.37	0.0010854	0.0059551	-1.50
ILMN_1703558	FHL3	0.16	6.70	3.37	0.001086	0.0059574	-1.50
ILMN_1656913	MDH1	-0.18	10.91	-3.37	0.0010866	0.0059587	-1.50

ILMN_3243244	SNORD80	0.10	6.75	3.37	0.0010865	0.0059587	-1.50
ILMN_2363106	RBM23	-0.11	9.08	-3.37	0.0010889	0.0059705	-1.50
ILMN_2352009	ACADVL	-0.27	9.33	-3.37	0.0010907	0.0059792	-1.50
ILMN_1806867	PPM1G	0.15	10.15	3.36	0.0010971	0.0060135	-1.51
ILMN_1740171	DUSP11	0.13	8.43	3.36	0.0011015	0.0060364	-1.51
ILMN_3303965	ZC3H11A	0.18	9.32	3.36	0.0011033	0.0060455	-1.51
ILMN_1726879	PRR15	-0.16	7.16	-3.36	0.0011041	0.0060487	-1.51
ILMN_2358560	TIAM2	0.12	6.62	3.36	0.0011045	0.0060499	-1.51
ILMN_3243573	NA	0.57	7.26	3.36	0.0011058	0.006056	-1.51
ILMN_1690017	SPINK5	-0.37	7.56	-3.36	0.0011064	0.0060576	-1.51
ILMN_1793743	DIRC2	-0.21	8.93	-3.36	0.0011063	0.0060576	-1.51
ILMN_1865663	NA	-0.15	7.03	-3.36	0.0011066	0.0060576	-1.51
ILMN_1790577	SLC35F2	-0.17	7.76	-3.36	0.0011131	0.0060923	-1.52
ILMN_1671158	MRPL13	-0.14	9.36	-3.36	0.0011143	0.0060981	-1.52
ILMN_2390609	ANK3	-0.16	6.96	-3.36	0.0011151	0.0061011	-1.52
ILMN_1805646	SS18	0.17	8.76	3.36	0.0011165	0.0061082	-1.52
ILMN_2345292	FXYD1	0.12	6.72	3.36	0.0011182	0.0061162	-1.52
ILMN_3244803	RAD54L2	0.17	7.68	3.36	0.0011192	0.006121	-1.52
ILMN_1738147	NES	0.12	6.85	3.36	0.0011202	0.0061254	-1.53
ILMN_1770424	DEFA5	1.62	9.44	3.36	0.0011209	0.0061284	-1.53
ILMN_3239775	TENM4	0.12	6.63	3.36	0.0011221	0.0061339	-1.53
ILMN_1782633	NA	-0.20	9.60	-3.36	0.0011238	0.0061421	-1.53
ILMN_1700888	ENPP1	-0.25	6.97	-3.36	0.0011253	0.0061494	-1.53
ILMN_1769779	PTP4A3	0.17	6.60	3.36	0.0011255	0.0061495	-1.53
ILMN_1663532	RIC8B	-0.12	8.04	-3.36	0.0011275	0.0061594	-1.53
ILMN_1742427	POLR1D	0.14	7.53	3.36	0.0011295	0.0061688	-1.53
ILMN_2055523	CSGALNACT3	0.10	6.51	3.36	0.0011297	0.0061688	-1.53
ILMN_2404629	EFL1	-0.14	7.55	-3.36	0.0011298	0.0061688	-1.53
ILMN_2181060	CKAP2	0.14	6.97	3.35	0.0011338	0.0061897	-1.54
ILMN_2042771	PTTG1	0.35	8.60	3.35	0.0011364	0.0062032	-1.54
ILMN_1675131	PIH1D1	-0.11	7.37	-3.35	0.0011369	0.0062051	-1.54
ILMN_1678233	CHRD1	0.10	6.47	3.35	0.0011391	0.0062151	-1.54
ILMN_2387553	PSMA3	0.18	9.56	3.35	0.0011391	0.0062151	-1.54
ILMN_1654851	FAM134A	-0.17	7.57	-3.35	0.0011442	0.0062419	-1.55
ILMN_1655952	WASH1	-0.18	10.60	-3.35	0.001146	0.0062502	-1.55
ILMN_1716816	TMEM87A	-0.14	10.88	-3.35	0.0011461	0.0062502	-1.55
ILMN_2079285	ATP5L	-0.14	8.66	-3.35	0.001147	0.0062538	-1.54
ILMN_3198367	SMS	0.13	8.75	3.35	0.0011476	0.0062562	-1.55
ILMN_2338116	TRAF5	0.13	6.88	3.35	0.001153	0.0062846	-1.55
ILMN_1802316	SMPD3	-0.19	6.98	-3.35	0.0011532	0.0062849	-1.55
ILMN_3307863	TAOK3	-0.12	7.26	-3.35	0.0011548	0.0062924	-1.55
ILMN_1696532	RBBP5	-0.12	7.20	-3.35	0.0011553	0.0062941	-1.55
ILMN_1776080	GTPBP6	-0.14	9.59	-3.35	0.0011576	0.0063055	-1.56
ILMN_3309945	MIR409	-0.08	6.32	-3.35	0.0011577	0.0063055	-1.56
ILMN_3247728	RNF115	0.13	7.23	3.35	0.001158	0.006306	-1.56
ILMN_1771523	PRKACB	-0.10	6.93	-3.35	0.0011582	0.0063061	-1.56
ILMN_1668865	SLC2A14	0.16	6.44	3.35	0.0011621	0.0063265	-1.56
ILMN_1808078	ADGRG7	-0.36	7.46	-3.35	0.0011632	0.0063314	-1.56

ILMN_1727992	FEZ1	0.10	6.38	3.35	0.0011655	0.0063426	-1.56
ILMN_1652314	SPAG1	-0.11	6.62	-3.34	0.0011676	0.0063534	-1.56
ILMN_1733259	TMIGD3	0.30	7.03	3.34	0.0011682	0.0063555	-1.57
ILMN_1740917	SCNN1B	-0.64	8.36	-3.34	0.001169	0.006359	-1.57
ILMN_2219131	RPS15	0.12	6.83	3.34	0.0011695	0.0063605	-1.57
ILMN_1749738	NECAB3	-0.11	6.74	-3.35	0.0011704	0.0063646	-1.56
ILMN_2338997	PTP4A2	-0.14	11.64	-3.34	0.0011734	0.0063797	-1.57
ILMN_1813230	WSCD2	-0.09	6.38	-3.34	0.0011758	0.0063916	-1.57
ILMN_1710738	RC3H2	0.12	7.69	3.34	0.0011773	0.0063991	-1.57
ILMN_1747217	C15orf41	0.10	6.59	3.34	0.0011786	0.0064048	-1.57
ILMN_2241953	PILRA	0.09	6.46	3.34	0.0011843	0.0064347	-1.58
ILMN_1680018	RIPK4	-0.16	7.15	-3.34	0.0011847	0.0064363	-1.58
ILMN_2320853	UBE2D3	0.15	10.56	3.34	0.0011888	0.0064571	-1.58
ILMN_1802338	HHLA3	-0.10	6.55	-3.34	0.001189	0.0064575	-1.58
ILMN_2367530	ZNF280D	0.09	6.74	3.34	0.0011913	0.0064691	-1.58
ILMN_1781135	STAM2	-0.14	7.38	-3.34	0.0011925	0.0064747	-1.58
ILMN_1720344	NIPA2	-0.15	9.76	-3.34	0.0011944	0.0064839	-1.59
ILMN_1670096	NRBP1	0.09	6.98	3.34	0.001196	0.0064914	-1.59
ILMN_3307664	HMG2P46	-0.11	6.52	-3.34	0.0011964	0.0064926	-1.59
ILMN_1769694	ASIC1	0.09	6.53	3.34	0.0011976	0.0064969	-1.59
ILMN_2367233	ZNF654	-0.11	6.90	-3.34	0.0011974	0.0064969	-1.58
ILMN_1761782	RAMP3	0.13	6.86	3.34	0.0011978	0.0064969	-1.59
ILMN_2278850	RAB24	-0.09	6.66	-3.34	0.0011995	0.0065053	-1.59
ILMN_1777322	FAM91A1	0.12	7.00	3.34	0.0011998	0.0065057	-1.59
ILMN_1790354	RABGGTB	0.13	9.09	3.34	0.0012003	0.0065075	-1.59
ILMN_1711311	PODXL	0.10	6.66	3.34	0.0012035	0.0065241	-1.59
ILMN_2081883	IQCK	-0.13	8.08	-3.33	0.0012131	0.0065747	-1.60
ILMN_1779536	KIZ	0.11	6.71	3.33	0.001215	0.0065839	-1.60
ILMN_1739054	CCDC121	-0.12	6.75	-3.33	0.0012157	0.0065869	-1.60
ILMN_3307654	MIPOL1	0.09	6.63	3.33	0.0012169	0.0065921	-1.60
ILMN_1810729	UBL3	-0.18	9.16	-3.33	0.0012222	0.0066202	-1.61
ILMN_2157544	GBF1	-0.13	7.41	-3.33	0.0012245	0.0066312	-1.61
ILMN_1713835	ENHO	-0.13	6.54	-3.33	0.0012253	0.0066345	-1.61
ILMN_2179018	NDUFAB1	-0.15	10.09	-3.33	0.0012261	0.0066378	-1.61
ILMN_2160718	DNHD1	0.08	6.52	3.33	0.0012267	0.0066402	-1.61
ILMN_2043918	DLEU1	-0.16	7.29	-3.33	0.001227	0.0066409	-1.61
ILMN_2096985	ALDH6A1	-0.17	7.17	-3.33	0.0012283	0.0066466	-1.61
ILMN_1702526	ADPRM	0.11	6.99	3.33	0.00123	0.0066551	-1.61
ILMN_1668277	BLK	0.30	6.81	3.33	0.0012315	0.006662	-1.61
ILMN_1688622	UBQLN1	0.11	9.54	3.33	0.0012325	0.0066662	-1.61
ILMN_3224952	RPS16	0.15	12.78	3.33	0.0012358	0.0066834	-1.62
ILMN_2397231	USP16	0.12	9.04	3.33	0.001239	0.0066994	-1.62
ILMN_1663381	TRAF3IP2	-0.12	6.63	-3.33	0.0012398	0.0067025	-1.62
ILMN_1725612	NUP50	0.13	7.08	3.33	0.0012426	0.0067166	-1.62
ILMN_1674780	SF3B1	0.13	6.91	3.33	0.0012431	0.0067183	-1.62
ILMN_1719039	UBE2G1	0.12	8.21	3.32	0.0012458	0.0067322	-1.62
ILMN_1660864	RHBDL1	-0.10	6.61	-3.33	0.0012461	0.0067327	-1.62
ILMN_1771835	NUP54	0.13	7.28	3.32	0.0012506	0.0067556	-1.63

ILMN_1699552	PDZRN3	0.13	6.61	3.32	0.0012539	0.0067728	-1.63
ILMN_1810335	DGKB	0.12	6.42	3.32	0.0012546	0.006775	-1.63
ILMN_2080080	MAP7D2	-0.11	6.46	-3.32	0.0012549	0.006775	-1.63
ILMN_3238662	SNORD89	0.16	7.47	3.32	0.0012548	0.006775	-1.63
ILMN_2311761	AP3S1	0.18	8.68	3.32	0.0012564	0.0067816	-1.63
ILMN_1719518	ARF4	0.15	11.39	3.32	0.0012566	0.0067821	-1.63
ILMN_3239621	SNRNP27	0.16	8.07	3.32	0.0012584	0.0067906	-1.63
ILMN_1667476	LTBR	0.19	8.50	3.32	0.0012587	0.0067911	-1.63
ILMN_1707815	NA	-0.16	7.28	-3.32	0.0012639	0.0068183	-1.64
ILMN_1798620	PQLC1	-0.20	10.14	-3.32	0.0012645	0.0068193	-1.64
ILMN_2359789	RAC1	-0.14	11.47	-3.32	0.0012645	0.0068193	-1.64
ILMN_1712236	PPP1R3B	-0.10	6.64	-3.32	0.0012656	0.0068243	-1.64
ILMN_2121207	MVB12A	-0.17	8.15	-3.32	0.0012661	0.0068255	-1.64
ILMN_1681668	GGA1	-0.08	6.42	-3.32	0.0012676	0.0068315	-1.64
ILMN_1765258	HLA-E	0.23	11.07	3.32	0.0012675	0.0068315	-1.64
ILMN_2385178	MIB2	-0.17	7.37	-3.32	0.0012688	0.0068368	-1.64
ILMN_2243912	RAB37	-0.12	6.85	-3.32	0.0012711	0.0068473	-1.64
ILMN_3222974	PRKCB	0.12	6.74	3.32	0.0012711	0.0068473	-1.64
ILMN_1664016	ARHGEF18	-0.20	10.20	-3.32	0.0012727	0.0068549	-1.64
ILMN_2148944	ADCY4	0.20	7.68	3.32	0.001276	0.0068716	-1.65
ILMN_2411282	QSOX1	-0.25	9.75	-3.32	0.0012785	0.0068839	-1.65
ILMN_2388466	TIA1	-0.14	8.75	-3.32	0.001281	0.0068965	-1.65
ILMN_1755883	RPS27A	0.22	11.93	3.32	0.0012828	0.006905	-1.65
ILMN_1745343	ZMAT2	-0.13	8.33	-3.32	0.0012834	0.0069068	-1.65
ILMN_1693862	C8orf82	-0.14	7.18	-3.32	0.0012852	0.0069136	-1.65
ILMN_1798804	SRPK1	-0.13	9.57	-3.32	0.001285	0.0069136	-1.65
ILMN_2326953	LAT2	0.20	6.84	3.32	0.0012852	0.0069136	-1.65
ILMN_2189605	FAM122B	-0.13	8.08	-3.31	0.0012861	0.0069172	-1.65
ILMN_1661173	TRIP4	-0.14	7.86	-3.31	0.0012909	0.0069422	-1.66
ILMN_1656676	ZYG11B	-0.20	9.68	-3.31	0.0012918	0.0069458	-1.66
ILMN_1658483	IL1A	0.23	6.53	3.31	0.001295	0.0069616	-1.65
ILMN_1724907	NA	0.13	7.60	3.31	0.0012984	0.0069791	-1.66
ILMN_1695829	TTYH2	0.10	6.43	3.31	0.0013001	0.0069872	-1.66
ILMN_1753745	HDCC2	0.15	10.05	3.31	0.0013004	0.0069874	-1.66
ILMN_3237503	RNF207	-0.13	6.80	-3.31	0.0013019	0.0069948	-1.67
ILMN_2168314	PGM3	0.13	7.31	3.31	0.0013023	0.0069959	-1.67
ILMN_1741971	KIAA1161	-0.14	6.80	-3.31	0.0013026	0.006996	-1.66
ILMN_1759954	PTMA	0.30	8.17	3.31	0.0013089	0.0070289	-1.67
ILMN_1714691	HOXD10	-0.23	6.70	-3.31	0.0013102	0.0070349	-1.67
ILMN_1662340	ZNF358	-0.17	8.35	-3.31	0.0013105	0.0070355	-1.67
ILMN_1742981	TUBA1A	0.27	9.51	3.31	0.0013121	0.0070427	-1.67
ILMN_1746029	SPATS2	0.13	7.32	3.31	0.0013143	0.0070537	-1.67
ILMN_1691499	TJP1	-0.20	9.08	-3.31	0.0013169	0.0070665	-1.68
ILMN_1673320	CCDC178	0.13	6.64	3.31	0.0013174	0.0070682	-1.68
ILMN_1742224	SLTM	-0.10	8.98	-3.31	0.001319	0.0070752	-1.68
ILMN_1710697	BUD31	-0.11	9.63	-3.31	0.0013248	0.0071052	-1.68
ILMN_3307700	SPCS3	0.24	8.05	3.31	0.0013252	0.0071063	-1.68
ILMN_1651902	RASL11A	-0.18	7.15	-3.31	0.0013267	0.0071135	-1.68

ILMN_3209832	PET100	-0.13	10.64	-3.31	0.0013272	0.0071152	-1.68
ILMN_1738263	PIGU	-0.13	7.94	-3.30	0.0013295	0.0071262	-1.68
ILMN_1708016	FAM210B	0.16	8.07	3.30	0.0013317	0.0071365	-1.69
ILMN_1813389	MRPS7	-0.14	8.12	-3.30	0.0013318	0.0071365	-1.69
ILMN_1787275	STAG3	0.12	6.52	3.30	0.0013339	0.0071452	-1.69
ILMN_2400874	SCYL1	0.13	9.26	3.31	0.0013337	0.0071452	-1.68
ILMN_1766200	CALHM2	0.11	6.94	3.30	0.0013403	0.0071784	-1.69
ILMN_1736792	PLEC	-0.08	6.46	-3.30	0.0013467	0.0072116	-1.70
ILMN_1684034	STAT5B	0.13	7.27	3.30	0.0013486	0.0072208	-1.70
ILMN_3241254	HAS2-AS1	-0.11	6.66	-3.30	0.0013538	0.0072477	-1.70
ILMN_3250243	METTL21A	0.13	6.98	3.30	0.0013578	0.0072679	-1.70
ILMN_2326512	CASP1	0.30	9.01	3.30	0.0013589	0.0072723	-1.71
ILMN_1804419	LRMP	0.44	7.71	3.30	0.0013612	0.0072839	-1.71
ILMN_1727043	COLGALT1	0.15	8.86	3.30	0.0013623	0.0072884	-1.71
ILMN_2296057	CASP2	-0.09	6.35	-3.30	0.0013633	0.0072925	-1.71
ILMN_2173291	CYP4B1	0.12	6.49	3.30	0.0013642	0.0072963	-1.71
ILMN_1718852	PLCL1	0.12	6.57	3.30	0.0013656	0.0073026	-1.71
ILMN_1721540	NWD1	-0.10	6.37	-3.30	0.0013667	0.0073076	-1.71
ILMN_1791097	RSBN1	-0.14	8.55	-3.30	0.0013679	0.0073127	-1.71
ILMN_1726755	COPS4	0.13	8.28	3.30	0.0013691	0.0073181	-1.71
ILMN_3248379	ROCK1P1	0.15	7.25	3.29	0.0013714	0.0073294	-1.71
ILMN_1696757	TTC14	-0.14	8.06	-3.29	0.0013721	0.0073319	-1.71
ILMN_1698680	ARL17A	0.20	6.86	3.29	0.0013738	0.0073398	-1.72
ILMN_2131861	SOCS2	0.21	8.90	3.29	0.0013776	0.0073588	-1.71
ILMN_1740622	TRPM3	-0.08	6.32	-3.29	0.0013781	0.0073603	-1.72
ILMN_1693421	RPN2	0.17	8.59	3.29	0.0013815	0.0073772	-1.72
ILMN_1800172	RILP	-0.09	6.51	-3.29	0.0013833	0.0073861	-1.72
ILMN_2374865	ATF3	0.53	8.40	3.29	0.0013867	0.0074028	-1.72
ILMN_1731412	UBTD2	-0.09	6.92	-3.29	0.0013906	0.0074223	-1.73
ILMN_1729915	PILRA	0.08	6.40	3.29	0.0013908	0.0074226	-1.73
ILMN_1744295	CDKN2A	0.12	6.40	3.29	0.0013935	0.0074357	-1.73
ILMN_1785528	NA	-0.23	8.62	-3.29	0.0013953	0.0074444	-1.73
ILMN_1705114	NUMB	-0.13	9.33	-3.29	0.0013976	0.0074552	-1.73
ILMN_2038777	ACTB	0.28	12.83	3.29	0.0013987	0.00746	-1.73
ILMN_1765146	IFNAR2	0.25	7.34	3.29	0.0014035	0.0074843	-1.74
ILMN_1771629	SDR39U1	-0.11	6.63	-3.29	0.0014039	0.0074857	-1.74
ILMN_3247452	OST4	0.17	10.98	3.29	0.0014047	0.0074888	-1.74
ILMN_2258774	MRPL43	-0.14	8.91	-3.29	0.0014053	0.0074896	-1.73
ILMN_2411264	BTBD1	0.16	8.41	3.29	0.0014051	0.0074896	-1.74
ILMN_1741175	RAB11FIP2	0.16	7.34	3.29	0.0014068	0.0074962	-1.74
ILMN_2320391	SLC45A2	-0.09	6.48	-3.29	0.0014076	0.0074993	-1.74
ILMN_3251137	METTL21A	0.13	6.83	3.29	0.0014107	0.0075147	-1.74
ILMN_1673638	RPS3A	0.11	12.46	3.29	0.001412	0.0075207	-1.74
ILMN_1693620	PGM3	0.19	7.97	3.29	0.0014136	0.0075267	-1.74
ILMN_1778917	CDK7	0.11	8.52	3.29	0.0014136	0.0075267	-1.74
ILMN_2353936	IL37	-0.10	6.37	-3.28	0.0014193	0.0075561	-1.75
ILMN_3242448	SNORA11D	0.12	6.84	3.28	0.0014203	0.0075599	-1.74
ILMN_1773645	GMPPB	-0.13	7.25	-3.28	0.0014243	0.0075801	-1.75

ILMN_1660964	NA	-0.10	6.53	-3.28	0.0014279	0.0075981	-1.75
ILMN_1766542	NA	-0.11	6.71	-3.28	0.0014282	0.0075987	-1.75
ILMN_1694075	GADD45A	0.18	7.43	3.28	0.0014296	0.0076049	-1.75
ILMN_1796710	PHC1	0.11	6.81	3.28	0.0014314	0.0076135	-1.75
ILMN_1692760	DPAGT1	0.13	9.06	3.28	0.001432	0.0076153	-1.75
ILMN_1797184	PKN3	0.10	6.62	3.28	0.0014322	0.0076153	-1.75
ILMN_1793349	MOB1B	0.16	6.98	3.28	0.0014356	0.0076323	-1.74
ILMN_1784756	ACOT7	0.10	6.36	3.28	0.0014369	0.0076378	-1.75
ILMN_1812312	NDUFS4	-0.16	10.22	-3.28	0.0014384	0.0076447	-1.75
ILMN_2366246	SEC23B	0.19	8.99	3.28	0.0014397	0.0076505	-1.76
ILMN_1815102	LCAT	0.09	6.54	3.28	0.0014416	0.0076591	-1.76
ILMN_1764980	SERPINA1	0.16	6.55	3.28	0.0014455	0.0076788	-1.76
ILMN_3238613	SNORA26	0.09	6.63	3.28	0.0014492	0.0076975	-1.76
ILMN_1703153	GLYR1	-0.10	8.30	-3.28	0.0014521	0.0077116	-1.77
ILMN_2233438	SPATA31D1	-0.08	6.28	-3.28	0.0014535	0.0077179	-1.77
ILMN_2390416	BAG6	-0.14	7.95	-3.28	0.0014542	0.0077203	-1.77
ILMN_2349138	CDC42SE1	0.23	7.92	3.28	0.0014565	0.0077314	-1.77
ILMN_1789828	VPS13A	-0.11	6.82	-3.28	0.0014587	0.0077415	-1.77
ILMN_1777915	STX6	0.09	7.87	3.28	0.0014609	0.0077523	-1.77
ILMN_1651817	GRIK1	0.10	6.55	3.27	0.001462	0.007757	-1.77
ILMN_1680246	MAT2B	-0.20	7.16	-3.28	0.0014638	0.0077654	-1.77
ILMN_1710064	SDR16C5	0.20	6.98	3.27	0.0014671	0.0077814	-1.78
ILMN_1721354	KRT6B	0.20	6.49	3.27	0.0014695	0.0077928	-1.78
ILMN_1682987	PDZRN4	0.13	6.51	3.27	0.0014707	0.007798	-1.78
ILMN_2211800	HMGB1	0.19	8.36	3.27	0.0014719	0.0078035	-1.78
ILMN_1788387	UGGT2	0.12	7.41	3.27	0.0014727	0.0078064	-1.78
ILMN_1684802	TAF5	-0.10	7.16	-3.27	0.0014744	0.0078144	-1.78
ILMN_1657144	IBA57	-0.11	6.68	-3.27	0.0014773	0.0078283	-1.78
ILMN_1730504	AGPAT4	0.22	7.15	3.27	0.0014775	0.0078283	-1.78
ILMN_1713901	KDELR3	0.33	7.89	3.27	0.0014779	0.0078293	-1.78
ILMN_3248928	UBN2	-0.11	7.16	-3.27	0.0014792	0.0078346	-1.78
ILMN_1690442	TMEM241	0.14	6.83	3.27	0.0014807	0.0078416	-1.78
ILMN_1692517	SORD	0.22	9.86	3.27	0.0014817	0.0078457	-1.79
ILMN_1714397	CRYL1	-0.24	8.29	-3.27	0.0014838	0.0078553	-1.79
ILMN_1803408	KRT18	-0.13	6.97	-3.27	0.0014845	0.0078571	-1.79
ILMN_2302654	LRP8	0.11	6.51	3.27	0.0014845	0.0078571	-1.79
ILMN_1671142	GPR68	0.13	6.65	3.27	0.001486	0.0078635	-1.79
ILMN_3187852	KANSL3	-0.11	10.22	-3.27	0.0014881	0.0078733	-1.79
ILMN_1741404	MSC	0.15	6.63	3.27	0.001489	0.0078771	-1.79
ILMN_1667176	NA	-0.11	6.59	-3.27	0.0014893	0.0078774	-1.79
ILMN_1668559	RGS10	0.20	7.26	3.27	0.0014907	0.0078835	-1.79
ILMN_1749709	NDUFB11	-0.15	9.64	-3.27	0.0014929	0.0078939	-1.79
ILMN_1683905	MISP	-0.21	7.80	-3.27	0.0014933	0.0078951	-1.79
ILMN_1761044	GNB1L	0.09	6.62	3.27	0.0014952	0.0079039	-1.79
ILMN_2086890	ANGPT1	0.12	6.86	3.27	0.0014961	0.0079072	-1.79
ILMN_2152465	PIP4K2A	0.09	6.64	3.27	0.0014963	0.0079072	-1.79
ILMN_1744023	IGF1R	-0.17	7.85	-3.27	0.0015	0.0079257	-1.80
ILMN_1664859	ST8SIA1	0.11	6.58	3.27	0.0015012	0.0079305	-1.80

ILMN_1668090	STK25	-0.15	8.43	-3.27	0.0015015	0.007931	-1.80
ILMN_1669142	NAA15	0.15	7.18	3.27	0.0015082	0.0079651	-1.80
ILMN_2410772	KEAP1	-0.11	7.74	-3.26	0.0015095	0.0079709	-1.80
ILMN_2129015	AFF1	-0.24	8.00	-3.26	0.0015103	0.0079736	-1.80
ILMN_1732725	PPP6R3	-0.11	8.44	-3.26	0.0015132	0.0079877	-1.80
ILMN_1712634	TIA1	-0.15	7.64	-3.26	0.0015144	0.0079931	-1.81
ILMN_1718449	NSUN5P2	-0.09	6.63	-3.26	0.0015151	0.0079955	-1.81
ILMN_1753440	DCAF16	-0.13	7.43	-3.26	0.0015188	0.0080137	-1.81
ILMN_2192693	EIF3M	0.20	9.71	3.26	0.001523	0.0080345	-1.81
ILMN_2082324	SLC36A4	0.15	7.25	3.26	0.0015235	0.0080362	-1.81
ILMN_1728570	TCF21	0.28	7.91	3.26	0.0015245	0.0080401	-1.81
ILMN_1674385	YWHAQ	0.13	11.54	3.26	0.0015248	0.0080406	-1.81
ILMN_1806198	VSIG1	0.16	6.48	3.26	0.0015258	0.0080445	-1.81
ILMN_1706005	GALT	-0.11	7.00	-3.26	0.0015263	0.0080459	-1.81
ILMN_1770732	COPS3	0.13	9.43	3.26	0.0015279	0.008053	-1.81
ILMN_1712766	ERGIC2	0.12	7.25	3.26	0.0015299	0.0080616	-1.81
ILMN_2293511	NA	-0.10	6.83	-3.26	0.00153	0.0080616	-1.81
ILMN_1773017	EXOC3L4	-0.14	6.90	-3.26	0.001532	0.0080709	-1.82
ILMN_1749752	GAR1	-0.10	7.16	-3.26	0.0015323	0.0080717	-1.82
ILMN_1660552	BMP5	-0.20	7.09	-3.26	0.0015337	0.0080773	-1.82
ILMN_1658318	COLCA2	-0.11	6.58	-3.26	0.0015348	0.008082	-1.82
ILMN_1660837	CLCN3	-0.21	8.91	-3.26	0.001535	0.008082	-1.82
ILMN_1812096	CADM4	0.10	6.39	3.26	0.001536	0.0080862	-1.82
ILMN_1667594	KLF10	-0.12	6.73	-3.26	0.0015392	0.0081014	-1.82
ILMN_2399264	6-Sep	0.22	7.28	3.26	0.0015445	0.0081285	-1.82
ILMN_1730218	SYNPO2	0.11	6.44	3.26	0.0015474	0.0081421	-1.83
ILMN_1760727	ANG	-0.22	10.09	-3.26	0.0015533	0.0081721	-1.83
ILMN_1693430	NME1-NME2	0.09	6.74	3.26	0.0015542	0.0081756	-1.83
ILMN_1761199	SLCO2B1	0.22	8.37	3.26	0.0015548	0.0081773	-1.83
ILMN_1678643	FHL2	-0.11	6.40	-3.26	0.0015551	0.0081777	-1.83
ILMN_1653940	USP2	-0.12	6.70	-3.26	0.0015563	0.0081831	-1.83
ILMN_1655177	PI4KA	-0.15	9.70	-3.25	0.0015584	0.0081913	-1.83
ILMN_3255124	ATL1	-0.12	6.85	-3.26	0.0015582	0.0081913	-1.83
ILMN_1793367	LOC729966	-0.23	7.08	-3.25	0.0015587	0.0081918	-1.83
ILMN_2045911	FBXO28	0.13	7.70	3.25	0.0015613	0.0082041	-1.83
ILMN_1681340	HSPB11	0.14	7.61	3.25	0.0015622	0.0082078	-1.83
ILMN_2087060	TOMM7	0.11	11.86	3.25	0.0015636	0.0082136	-1.83
ILMN_1684155	C22orf46	-0.10	7.19	-3.25	0.001564	0.0082147	-1.84
ILMN_1689989	CDC42BPB	0.12	7.58	3.25	0.001566	0.0082239	-1.84
ILMN_1848916	NA	0.10	6.67	3.25	0.001567	0.0082279	-1.84
ILMN_1709795	RAC2	0.50	9.92	3.25	0.0015692	0.0082379	-1.84
ILMN_1653031	NA	-0.10	6.54	-3.25	0.0015699	0.0082406	-1.84
ILMN_1798947	ANKRD55	0.09	6.35	3.25	0.0015747	0.0082646	-1.84
ILMN_1739086	SNORD43	0.07	6.49	3.25	0.0015752	0.0082657	-1.84
ILMN_2070300	LSM2	0.16	9.72	3.25	0.0015754	0.0082657	-1.84
ILMN_1761721	VPS35	-0.12	9.84	-3.25	0.0015758	0.0082664	-1.84
ILMN_1731107	CCDC92	0.15	7.95	3.25	0.0015781	0.0082771	-1.84
ILMN_1701243	C10orf2	0.13	6.97	3.25	0.0015787	0.0082794	-1.84

ILMN_1707356	CFL2	0.08	6.53	3.25	0.0015803	0.0082861	-1.84
ILMN_2116127	NPEPPS	-0.14	9.26	-3.25	0.0015813	0.0082901	-1.85
ILMN_1662935	C1QTNF7	0.12	6.55	3.25	0.0015835	0.0083006	-1.85
ILMN_1661309	XKR4	0.13	6.89	3.25	0.0015873	0.0083194	-1.85
ILMN_1752589	TMEM183A	-0.16	9.90	-3.25	0.0015914	0.0083394	-1.85
ILMN_2349124	OSBPL2	-0.16	6.90	-3.25	0.0015933	0.0083482	-1.85
ILMN_3246353	SNORD65	0.09	6.66	3.25	0.0015946	0.0083536	-1.85
ILMN_1684402	STXBP5	0.20	7.94	3.25	0.0015974	0.0083669	-1.85
ILMN_2056167	OSTC	0.19	8.70	3.25	0.001604	0.0084003	-1.86
ILMN_1660577	ATP5G2	-0.18	10.87	-3.25	0.0016054	0.0084064	-1.86
ILMN_1668839	ACOX1	-0.08	6.40	-3.24	0.0016077	0.0084159	-1.86
ILMN_2202915	FAR2	-0.22	8.34	-3.24	0.0016076	0.0084159	-1.86
ILMN_1746090	STT3A	0.15	9.34	3.24	0.0016079	0.0084159	-1.86
ILMN_1779370	ARHGEF9	-0.08	6.74	-3.24	0.0016085	0.0084173	-1.86
ILMN_1689734	IL1RN	0.19	6.44	3.24	0.0016113	0.0084308	-1.86
ILMN_1796655	SPO11	-0.09	6.45	-3.25	0.0016152	0.0084501	-1.85
ILMN_2369104	TRAPPC6B	0.16	8.34	3.24	0.0016158	0.0084521	-1.87
ILMN_1676026	MRPS26	-0.15	8.23	-3.24	0.0016174	0.0084592	-1.87
ILMN_1652073	RPS23	0.22	11.31	3.24	0.0016177	0.0084595	-1.86
ILMN_2170353	NA	-0.17	10.15	-3.24	0.0016204	0.0084723	-1.87
ILMN_1763637	RUBCN	0.09	6.60	3.24	0.001621	0.0084742	-1.87
ILMN_1713422	ST18	0.10	6.50	3.24	0.0016227	0.0084791	-1.87
ILMN_1746241	SDHC	-0.16	8.15	-3.24	0.0016225	0.0084791	-1.87
ILMN_1762713	MCEMP1	0.20	6.49	3.24	0.0016227	0.0084791	-1.87
ILMN_1725441	NFATC2IP	-0.12	7.18	-3.24	0.0016257	0.0084935	-1.87
ILMN_1801521	ABCC6	-0.13	6.55	-3.24	0.0016261	0.0084942	-1.87
ILMN_1689176	NDNF	-0.15	7.01	-3.24	0.0016271	0.008498	-1.87
ILMN_1746578	SLC23A2	0.12	6.91	3.24	0.0016278	0.0085005	-1.87
ILMN_2057479	EGFL6	0.17	6.48	3.24	0.00163	0.0085109	-1.87
ILMN_1706845	OPHN1	-0.10	6.57	-3.24	0.0016321	0.0085204	-1.87
ILMN_3237721	TANGO6	0.08	6.60	3.24	0.0016373	0.0085459	-1.87
ILMN_1712751	HADHA	-0.16	7.85	-3.24	0.0016402	0.0085598	-1.88
ILMN_1791186	ARHGAP18	-0.11	6.75	-3.24	0.0016423	0.0085699	-1.88
ILMN_3281877	NA	0.43	7.33	3.24	0.0016447	0.0085807	-1.88
ILMN_2386973	PKP2	-0.24	8.73	-3.24	0.0016457	0.0085847	-1.88
ILMN_1753265	C12orf76	-0.11	6.88	-3.24	0.0016482	0.0085966	-1.88
ILMN_2043728	ZNF341	-0.14	7.00	-3.24	0.0016494	0.0086004	-1.88
ILMN_2336728	DLG3	-0.13	7.08	-3.24	0.0016493	0.0086004	-1.88
ILMN_2093427	SHF	0.09	6.62	3.24	0.0016557	0.0086316	-1.89
ILMN_1720858	ABRACL	-0.21	9.44	-3.24	0.0016577	0.008641	-1.89
ILMN_1658885	DAGLB	-0.13	7.93	-3.23	0.0016601	0.0086521	-1.89
ILMN_1677509	PRR7	0.09	6.43	3.23	0.0016686	0.0086912	-1.89
ILMN_1698209	AGPS	0.16	8.06	3.23	0.0016681	0.0086912	-1.89
ILMN_1790410	DROSHA	-0.15	8.37	-3.23	0.0016686	0.0086912	-1.89
ILMN_2222984	NA	0.12	9.83	3.23	0.0016686	0.0086912	-1.89
ILMN_1680054	LAMB3	-0.10	6.47	-3.23	0.0016695	0.0086944	-1.90
ILMN_1741371	TMEM8A	-0.17	7.85	-3.23	0.0016712	0.0087022	-1.90
ILMN_3246801	DNAJC30	-0.09	6.82	-3.23	0.0016721	0.0087052	-1.90

ILMN_1780773	LINC00938	-0.17	8.52	-3.23	0.0016738	0.0087129	-1.90
ILMN_2396338	BANP	-0.07	6.48	-3.23	0.0016761	0.0087237	-1.90
ILMN_1660193	ZNF529	0.14	7.71	3.23	0.0016792	0.0087383	-1.89
ILMN_1779428	CCDC184	0.07	6.38	3.23	0.0016798	0.0087403	-1.90
ILMN_1686645	UTP14C	-0.17	8.26	-3.23	0.0016813	0.0087467	-1.90
ILMN_1871361	NA	-0.09	6.57	-3.23	0.0016827	0.0087529	-1.90
ILMN_3269956	NA	0.08	6.36	3.23	0.0016877	0.0087773	-1.91
ILMN_1682938	ARF3	-0.23	8.77	-3.23	0.0016884	0.0087796	-1.91
ILMN_3178043	BEND7	0.09	6.88	3.23	0.0016909	0.0087914	-1.91
ILMN_1815885	ZNF112	-0.13	7.15	-3.23	0.0016926	0.0087988	-1.91
ILMN_1693310	ITFG1	-0.14	9.58	-3.23	0.0016935	0.0088021	-1.90
ILMN_1657423	SPG21	0.17	7.64	3.23	0.0016986	0.0088271	-1.91
ILMN_2378654	B3GALT5	-0.13	6.56	-3.23	0.0016989	0.0088279	-1.91
ILMN_1659095	RPL7A	0.16	12.67	3.23	0.0017067	0.0088666	-1.92
ILMN_1654289	ELK1	0.11	7.89	3.23	0.001708	0.0088724	-1.92
ILMN_1730464	DNAL1	0.10	6.77	3.23	0.0017087	0.0088747	-1.92
ILMN_1715669	TP53I11	-0.11	6.85	-3.22	0.0017149	0.0089054	-1.92
ILMN_1737343	FNIP1	0.12	8.24	3.22	0.0017155	0.008907	-1.92
ILMN_2303166	MBNL3	-0.08	6.58	-3.22	0.0017159	0.0089078	-1.92
ILMN_1663489	UBR2	0.13	8.05	3.22	0.0017204	0.0089301	-1.92
ILMN_1779353	PUS7	0.19	7.99	3.22	0.0017224	0.008939	-1.92
ILMN_1807074	MIF	0.22	10.15	3.22	0.0017232	0.008942	-1.92
ILMN_1756146	WDR45	0.12	7.10	3.22	0.0017237	0.0089429	-1.92
ILMN_1693882	TAPT1	-0.11	7.43	-3.22	0.0017256	0.0089514	-1.93
ILMN_1664096	NA	-0.10	6.62	-3.22	0.001728	0.0089615	-1.93
ILMN_1685661	RRP15	0.17	7.51	3.22	0.0017279	0.0089615	-1.93
ILMN_2224103	PAPSS1	0.16	6.99	3.22	0.0017285	0.0089623	-1.93
ILMN_1686937	ETNK1	-0.08	6.43	-3.22	0.0017301	0.0089695	-1.93
ILMN_1680419	ASB7	0.08	6.59	3.22	0.0017324	0.0089798	-1.93
ILMN_1703564	DYNLRB1	-0.13	8.55	-3.22	0.0017362	0.0089986	-1.93
ILMN_1687921	JMJD8	0.13	9.98	3.22	0.001742	0.0090271	-1.93
ILMN_1783676	CCDC15	-0.11	6.79	-3.22	0.0017425	0.0090285	-1.93
ILMN_1664772	ATP2B4	0.12	6.59	3.22	0.0017466	0.0090484	-1.94
ILMN_1689001	CDK4	0.16	8.99	3.22	0.0017486	0.0090572	-1.94
ILMN_1675819	NA	-0.13	6.77	-3.22	0.001749	0.0090581	-1.94
ILMN_1731233	GZMH	0.14	6.59	3.22	0.0017499	0.0090613	-1.94
ILMN_1872122	LCOR	-0.13	7.09	-3.22	0.0017503	0.0090619	-1.94
ILMN_1768449	PRPSAP1	-0.12	9.42	-3.22	0.0017517	0.0090676	-1.93
ILMN_1658071	ATP1B1	-0.25	11.34	-3.22	0.0017545	0.0090796	-1.94
ILMN_1705682	P3H3	0.12	6.82	3.22	0.0017544	0.0090796	-1.94
ILMN_2089752	FAM150B	-0.25	7.34	-3.22	0.0017571	0.0090916	-1.94
ILMN_1849745	NA	-0.09	6.58	-3.22	0.0017606	0.0091083	-1.94
ILMN_2385191	QRICH1	0.09	6.61	3.22	0.0017615	0.0091117	-1.94
ILMN_2085760	ARPC1B	0.19	7.55	3.22	0.0017641	0.0091239	-1.95
ILMN_2366330	FERMT3	0.23	7.63	3.22	0.0017645	0.0091245	-1.95
ILMN_1675239	NDUFA7	-0.14	8.15	-3.22	0.001767	0.0091363	-1.95
ILMN_2374234	PRKACB	-0.16	7.10	-3.22	0.0017689	0.0091443	-1.94
ILMN_1672122	P4HTM	-0.09	7.06	-3.21	0.0017695	0.0091463	-1.95

ILMN_1726554	IREB2	-0.13	7.08	-3.21	0.0017704	0.0091497	-1.95
ILMN_1790100	DDIAS	0.14	6.85	3.21	0.0017747	0.0091706	-1.95
ILMN_1804834	OARD1	-0.13	8.34	-3.21	0.0017767	0.0091792	-1.95
ILMN_1688580	CAMP	0.12	6.40	3.21	0.0017775	0.0091822	-1.95
ILMN_1690217	BFSP2	0.08	6.35	3.21	0.0017781	0.0091838	-1.95
ILMN_1765620	NA	-0.13	6.63	-3.21	0.0017788	0.0091859	-1.95
ILMN_3224204	PSMG4	0.14	7.66	3.21	0.0017804	0.0091931	-1.95
ILMN_1742026	PYHIN1	0.09	6.54	3.21	0.0017819	0.0091992	-1.96
ILMN_1658080	ZNF573	-0.13	7.59	-3.21	0.0017841	0.0092095	-1.96
ILMN_1811387	TFF3	-0.28	13.20	-3.21	0.0017847	0.0092112	-1.96
ILMN_1739164	CDC14A	-0.07	6.41	-3.21	0.0017857	0.0092147	-1.96
ILMN_1680687	NSF	-0.12	7.13	-3.21	0.0017884	0.0092273	-1.96
ILMN_1878191	NA	-0.10	6.67	-3.21	0.0017933	0.009251	-1.96
ILMN_1754579	SYNE2	-0.13	6.95	-3.21	0.0017946	0.0092563	-1.96
ILMN_1727553	ZBED8	-0.13	7.02	-3.21	0.0017949	0.0092569	-1.96
ILMN_2323302	SON	-0.15	7.05	-3.21	0.0017956	0.0092587	-1.96
ILMN_1675640	OAS1	-0.34	8.38	-3.21	0.0018008	0.0092844	-1.97
ILMN_1679115	TPH1	-0.12	6.54	-3.21	0.0018083	0.0093216	-1.97
ILMN_1777740	THEM6	-0.22	8.48	-3.21	0.0018086	0.0093216	-1.97
ILMN_2380588	DNPH1	-0.17	8.40	-3.21	0.0018088	0.0093216	-1.97
ILMN_1741674	PPP1R9A	-0.11	6.91	-3.21	0.00181	0.0093263	-1.97
ILMN_1753275	DENND1A	-0.11	6.73	-3.21	0.0018111	0.0093307	-1.96
ILMN_1680274	NA	1.04	10.95	3.21	0.0018117	0.0093321	-1.97
ILMN_1724532	C11orf49	-0.08	6.44	-3.21	0.0018122	0.0093331	-1.97
ILMN_1718990	NFRKB	-0.10	6.73	-3.21	0.0018141	0.0093418	-1.97
ILMN_1765232	RNLS	-0.12	6.99	-3.21	0.0018154	0.0093461	-1.97
ILMN_1793732	FARS2	0.11	7.84	3.21	0.0018155	0.0093461	-1.97
ILMN_1741007	SGCA	0.10	6.62	3.21	0.0018166	0.0093499	-1.97
ILMN_1791478	NA	0.21	8.59	3.21	0.0018168	0.0093499	-1.97
ILMN_3238570	EIF3CL	-0.16	7.00	-3.21	0.0018175	0.0093508	-1.97
ILMN_3248890	SNORA24	0.15	7.42	3.21	0.0018172	0.0093508	-1.97
ILMN_1693039	ZFPL1	-0.09	6.86	-3.20	0.0018281	0.009404	-1.98
ILMN_3246292	RPL23A	0.15	12.49	3.20	0.001829	0.0094074	-1.97
ILMN_3237574	CHRNA7	-0.15	6.58	-3.20	0.0018323	0.009423	-1.98
ILMN_3244574	CFAP97	0.10	6.78	3.20	0.0018327	0.0094233	-1.98
ILMN_1662232	DCTN2	-0.12	10.20	-3.20	0.0018354	0.0094358	-1.98
ILMN_1741632	RAB3IL1	0.19	7.34	3.20	0.0018365	0.0094401	-1.98
ILMN_2227757	PCDHB2	0.12	6.55	3.20	0.0018374	0.0094433	-1.98
ILMN_2304512	SAA1	0.20	6.56	3.20	0.00184	0.0094553	-1.99
ILMN_1757143	DGKZ	-0.08	6.51	-3.20	0.0018411	0.0094594	-1.99
ILMN_1677484	SNAPC4	-0.14	8.04	-3.20	0.0018432	0.0094677	-1.99
ILMN_1786823	ICAM2	0.22	7.72	3.20	0.0018431	0.0094677	-1.99
ILMN_1671250	CLIC4	0.11	6.88	3.20	0.0018522	0.0095126	-1.99
ILMN_1657436	FGFR1OP2	0.15	7.49	3.20	0.0018533	0.0095165	-1.98
ILMN_1755222	CAAP1	-0.10	7.10	-3.20	0.0018549	0.0095219	-1.99
ILMN_2342695	PDGFA	-0.16	6.97	-3.20	0.0018547	0.0095219	-1.99
ILMN_1684289	PNPO	-0.19	9.13	-3.20	0.0018556	0.0095241	-1.99
ILMN_1808333	PPP1R7	-0.14	7.96	-3.20	0.0018591	0.0095404	-1.99

ILMN_1756126	STUB1	-0.16	8.01	-3.20	0.0018632	0.0095601	-2.00
ILMN_1764168	STXBP3	-0.14	8.19	-3.20	0.0018637	0.0095614	-2.00
ILMN_1796316	MMP9	0.62	8.14	3.20	0.0018652	0.0095677	-2.00
ILMN_2413816	GRB14	0.15	6.80	3.20	0.0018668	0.0095745	-2.00
ILMN_2146372	KCTD6	0.13	8.02	3.20	0.0018681	0.0095796	-2.00
ILMN_3243351	LOC646214	0.12	7.44	3.20	0.0018697	0.0095867	-2.00
ILMN_1783026	RNPC3	-0.12	6.82	-3.20	0.0018754	0.0096143	-1.99
ILMN_1653358	FUT3	-0.26	8.98	-3.20	0.0018789	0.0096307	-2.00
ILMN_2334693	NARF	-0.16	7.85	-3.19	0.0018822	0.0096463	-2.01
ILMN_1678246	NA	-0.10	6.51	-3.19	0.0018851	0.0096598	-2.01
ILMN_2172269	TMEM183B	-0.13	9.88	-3.19	0.0018872	0.0096692	-2.01
ILMN_1743055	NAT1	-0.12	6.73	-3.19	0.0018883	0.0096731	-2.01
ILMN_1667561	IFRD1	0.16	8.23	3.19	0.0018913	0.0096873	-2.01
ILMN_3245476	PHRF1	-0.12	9.11	-3.19	0.0018917	0.0096876	-2.01
ILMN_1685602	TMEM41A	-0.12	6.94	-3.19	0.0018929	0.0096926	-2.01
ILMN_1799487	N4BP2L1	0.12	7.08	3.19	0.0018975	0.0097145	-2.01
ILMN_1689665	NAE1	-0.12	9.44	-3.19	0.0019012	0.0097319	-2.02
ILMN_1694596	FAR2	-0.16	7.17	-3.19	0.0019015	0.0097324	-2.02
ILMN_1741970	JUP	-0.13	7.11	-3.19	0.0019032	0.0097395	-2.01
ILMN_2376847	PDE1A	0.10	6.55	3.19	0.0019049	0.0097465	-2.02
ILMN_1740762	GRB7	-0.08	6.50	-3.19	0.0019108	0.0097739	-2.02
ILMN_3307916	BMPER	0.12	6.51	3.19	0.0019108	0.0097739	-2.02
ILMN_2404512	PSEN2	-0.11	6.77	-3.19	0.0019112	0.0097747	-2.02
ILMN_2332558	ARL5A	0.14	8.67	3.19	0.0019121	0.0097775	-2.02
ILMN_1746831	ZNF114	-0.09	6.50	-3.19	0.0019133	0.0097824	-2.02
ILMN_1867321	NA	-0.11	6.65	-3.19	0.0019139	0.0097841	-2.02
ILMN_1815656	SERINC3	-0.13	8.93	-3.19	0.0019163	0.0097947	-2.02
ILMN_2156786	PGGT1B	-0.08	6.77	-3.19	0.001917	0.0097968	-2.02
ILMN_1731484	RHOT1	-0.11	6.97	-3.19	0.0019188	0.0098045	-2.02
ILMN_1660187	MKRN2OS	-0.08	6.47	-3.19	0.001924	0.0098282	-2.03
ILMN_1713523	KBTBD12	-0.15	6.56	-3.19	0.0019238	0.0098282	-2.03
ILMN_2340919	GRB10	0.11	6.61	3.19	0.0019248	0.0098312	-2.03
ILMN_1662880	LINC01554	0.08	6.43	3.19	0.0019267	0.0098392	-2.03
ILMN_1655330	SPAG11B	0.07	6.29	3.19	0.0019288	0.0098462	-2.03
ILMN_2197225	NA	-0.15	7.15	-3.19	0.0019289	0.0098462	-2.03
ILMN_2313434	TCP1	-0.13	7.14	-3.19	0.0019289	0.0098462	-2.03
ILMN_2412024	JMJD6	0.12	6.72	3.19	0.0019305	0.0098528	-2.03
ILMN_2102670	GATA2	0.08	6.46	3.19	0.0019344	0.0098713	-2.03
ILMN_3309484	MIR10B	-0.09	6.42	-3.19	0.0019371	0.0098834	-2.03
ILMN_3304203	CLEC2D	0.10	6.61	3.19	0.0019375	0.0098843	-2.03
ILMN_3230435	VOPP1	0.23	8.62	3.19	0.00194	0.0098956	-2.03
ILMN_1801045	SPIN3	-0.10	7.07	-3.19	0.0019408	0.0098979	-2.03
ILMN_1696933	NLRP3	0.09	6.48	3.18	0.0019506	0.0099467	-2.04
ILMN_2389273	FXR1	0.12	7.42	3.18	0.0019539	0.0099618	-2.04
ILMN_1667858	ZNF493	-0.09	6.56	-3.18	0.0019578	0.0099802	-2.04
ILMN_1814737	LNPEP	0.10	6.94	3.18	0.0019587	0.0099832	-2.04
ILMN_1705774	TIGD5	-0.12	7.46	-3.18	0.0019613	0.009995	-2.04
ILMN_1705985	PIGA	0.12	8.61	3.18	0.0019639	0.0100068	-2.05

ILMN_1719763	WDR83	-0.10	6.78	-3.18	0.0019642	0.0100068	-2.05
ILMN_1679501	CSNK2A1	-0.09	6.49	-3.18	0.0019664	0.010017	-2.05
ILMN_1672124	FAM198B	0.24	7.58	3.18	0.001969	0.0100287	-2.04
ILMN_2260991	TSPO	-0.22	9.12	-3.18	0.0019753	0.0100592	-2.05
ILMN_1794539	KIF11	0.20	7.34	3.18	0.001976	0.0100611	-2.05
ILMN_1697554	SASH3	0.25	7.07	3.18	0.0019799	0.0100794	-2.05
ILMN_1674580	TRIM36	-0.10	6.46	-3.18	0.0019852	0.0101049	-2.05
ILMN_1651346	NA	0.12	7.14	3.18	0.0019858	0.0101064	-2.05
ILMN_1733696	IMP3	-0.11	10.37	-3.18	0.0019943	0.0101484	-2.06
ILMN_1676247	JPH2	0.07	6.45	3.18	0.0019965	0.0101583	-2.06
ILMN_1711062	MMP19	0.09	6.52	3.18	0.0020013	0.0101811	-2.06
ILMN_1742330	PLXNB1	-0.18	7.66	-3.18	0.0020031	0.0101888	-2.05
ILMN_1701507	EHHADH	-0.21	7.69	-3.17	0.0020058	0.0102011	-2.06
ILMN_1849117	NA	0.13	6.72	3.17	0.0020078	0.0102095	-2.07
ILMN_1781060	SYN2	0.09	6.50	3.17	0.0020097	0.0102176	-2.07
ILMN_1704024	TMEM160	-0.15	7.96	-3.17	0.0020132	0.0102337	-2.07
ILMN_2100287	CFAP58	0.07	6.46	3.17	0.0020134	0.0102337	-2.07
ILMN_1793770	DNAJB6	0.15	8.89	3.17	0.0020142	0.0102361	-2.07
ILMN_1672899	POMC	0.09	6.39	3.17	0.0020175	0.0102499	-2.07
ILMN_3234089	N4BP2L2	-0.16	7.51	-3.17	0.0020174	0.0102499	-2.07
ILMN_2090059	ZFY	0.17	6.60	3.17	0.0020182	0.0102519	-2.07
ILMN_1703754	CEP192	-0.16	8.38	-3.17	0.0020204	0.0102615	-2.07
ILMN_2355665	MTFP1	-0.21	8.32	-3.17	0.0020238	0.0102772	-2.07
ILMN_2175112	KCNS3	-0.25	7.21	-3.17	0.0020257	0.0102853	-2.07
ILMN_1788841	TCL1A	0.34	6.80	3.17	0.00203	0.0103056	-2.08
ILMN_2080751	ADNP2	0.11	7.70	3.17	0.0020415	0.0103628	-2.07
ILMN_1686906	TP53INP2	-0.30	8.45	-3.17	0.0020429	0.0103681	-2.08
ILMN_3257145	ARHGAP42	-0.11	6.67	-3.17	0.0020509	0.0104074	-2.08
ILMN_1685928	WDR34	-0.16	7.11	-3.17	0.0020515	0.0104087	-2.09
ILMN_2091347	IDH1	-0.28	10.35	-3.17	0.0020533	0.0104164	-2.08
ILMN_2070815	MPDU1	-0.12	7.11	-3.17	0.0020536	0.0104165	-2.09
ILMN_1749846	OMD	0.11	6.53	3.17	0.0020544	0.0104187	-2.09
ILMN_3270641	HNRNPH3	-0.15	8.78	-3.17	0.0020554	0.0104226	-2.09
ILMN_1781980	CFC1B	0.11	6.52	3.17	0.002058	0.0104338	-2.09
ILMN_1777296	ACTB	0.18	12.74	3.17	0.0020634	0.0104601	-2.09
ILMN_1786469	FBXO22	0.12	7.02	3.17	0.0020662	0.0104724	-2.09
ILMN_1813530	AGT	0.19	6.80	3.16	0.0020684	0.0104821	-2.09
ILMN_1686811	PPIA	0.26	8.87	3.16	0.0020705	0.0104913	-2.09
ILMN_1850816	NA	-0.10	7.14	-3.16	0.002071	0.0104921	-2.09
ILMN_3249618	NOP10	0.13	10.00	3.16	0.002074	0.0105059	-2.10
ILMN_1727248	INF2	-0.17	7.84	-3.16	0.0020777	0.0105231	-2.10
ILMN_1680239	NUDT9	-0.16	8.56	-3.16	0.0020809	0.0105377	-2.10
ILMN_2392274	CD82	0.15	7.33	3.16	0.0020818	0.0105407	-2.10
ILMN_1765326	DGKD	-0.21	8.33	-3.16	0.0020849	0.0105547	-2.10
ILMN_1714952	ZNF703	0.09	6.61	3.16	0.002086	0.0105588	-2.10
ILMN_1710428	CDK1	0.12	6.71	3.16	0.0020878	0.0105665	-2.10
ILMN_1718813	CNKSR1	-0.09	6.71	-3.16	0.0020885	0.0105687	-2.10
ILMN_1795275	USP53	-0.17	7.34	-3.16	0.0020911	0.0105799	-2.10

ILMN_1730332	CASP7	-0.09	6.53	-3.16	0.0020915	0.0105804	-2.10
ILMN_1687316	NCDN	0.07	6.53	3.16	0.0020944	0.0105936	-2.10
ILMN_2414027	NA	0.21	9.18	3.16	0.0020983	0.010612	-2.11
ILMN_1684724	CR2	0.58	7.40	3.16	0.0021034	0.010636	-2.11
ILMN_1675695	PDS5B	0.11	7.40	3.16	0.002104	0.0106374	-2.11
ILMN_2351930	TRIM33	0.10	7.31	3.16	0.0021047	0.0106395	-2.11
ILMN_2388605	ACTR2	0.17	11.29	3.16	0.0021064	0.0106468	-2.11
ILMN_1773002	SKIDA1	0.11	6.60	3.16	0.0021098	0.0106621	-2.11
ILMN_2278152	TPM1	-0.19	7.62	-3.16	0.0021123	0.0106732	-2.11
ILMN_1720889	MSMO1	-0.34	8.88	-3.16	0.0021156	0.0106886	-2.11
ILMN_1814213	PQLC3	0.20	8.72	3.16	0.0021172	0.0106947	-2.11
ILMN_1693340	RAC3	-0.08	6.50	-3.16	0.0021198	0.0107067	-2.12
ILMN_1665243	FKBP14	0.13	7.38	3.16	0.0021241	0.0107264	-2.12
ILMN_3271555	NA	0.13	6.67	3.16	0.0021253	0.010731	-2.12
ILMN_1779410	VAPA	-0.10	6.70	-3.16	0.0021266	0.0107359	-2.12
ILMN_1683121	CYP2C18	0.38	7.46	3.16	0.0021284	0.0107438	-2.12
ILMN_1744268	PLEC	0.19	7.43	3.16	0.0021293	0.0107448	-2.12
ILMN_1794740	CD151	-0.15	7.47	-3.16	0.0021291	0.0107448	-2.12
ILMN_1669015	XPNPEP1	0.15	10.32	3.15	0.002134	0.010767	-2.12
ILMN_2219002	KRT6A	0.12	6.49	3.15	0.0021349	0.01077	-2.12
ILMN_1697777	TSTA3	0.20	7.56	3.15	0.0021357	0.0107728	-2.12
ILMN_1874678	NA	-0.11	6.65	-3.15	0.0021391	0.0107883	-2.12
ILMN_2090558	MMADHC	0.14	9.74	3.15	0.0021417	0.0107998	-2.12
ILMN_1706536	NA	0.11	6.57	3.15	0.0021501	0.0108401	-2.12
ILMN_2310814	MAPT	0.08	6.35	3.15	0.0021503	0.0108401	-2.13
ILMN_1733390	LARP1B	0.15	8.21	3.15	0.0021509	0.0108412	-2.13
ILMN_1734434	PI4KA	-0.09	6.38	-3.15	0.0021513	0.0108419	-2.13
ILMN_2352042	MRPL4	-0.11	6.98	-3.15	0.002155	0.0108589	-2.12
ILMN_1798249	AK4	-0.13	6.74	-3.15	0.0021564	0.0108641	-2.13
ILMN_1673962	NUP205	0.14	8.67	3.15	0.0021589	0.0108752	-2.13
ILMN_1743324	TBC1D12	-0.08	6.63	-3.15	0.002161	0.0108842	-2.13
ILMN_2391976	SLC45A4	0.11	6.70	3.15	0.002162	0.0108876	-2.13
ILMN_1730007	MPZL2	-0.16	7.29	-3.15	0.0021638	0.010895	-2.13
ILMN_2383163	DEPDC7	-0.10	6.70	-3.15	0.0021659	0.0109044	-2.14
ILMN_3247023	CASC15	0.09	6.74	3.15	0.0021687	0.0109169	-2.14
ILMN_1740418	CYP27B1	0.09	6.57	3.15	0.0021698	0.0109205	-2.14
ILMN_2093343	PLAC8	-0.36	11.02	-3.15	0.0021717	0.0109287	-2.14
ILMN_3192316	CLEC2D	0.16	7.22	3.15	0.0021762	0.0109498	-2.14
ILMN_2340347	PC	-0.10	6.66	-3.15	0.0021779	0.0109566	-2.13
ILMN_1784753	PAIP2	0.16	9.85	3.15	0.0021798	0.0109647	-2.14
ILMN_1734707	CHST13	-0.22	6.91	-3.15	0.0021811	0.0109695	-2.14
ILMN_2077886	C1orf109	0.10	7.04	3.15	0.0021826	0.0109753	-2.14
ILMN_1653292	PFKFB4	-0.20	7.53	-3.15	0.0021845	0.0109818	-2.14
ILMN_2169089	C18orf54	0.09	6.58	3.15	0.0021843	0.0109818	-2.14
ILMN_2386053	DACH1	0.08	6.41	3.15	0.002185	0.0109826	-2.14
ILMN_1812552	ACER3	0.16	8.68	3.15	0.0021859	0.0109855	-2.14
ILMN_1661825	TNFRSF6B	0.16	6.49	3.15	0.0021866	0.0109874	-2.14
ILMN_1785892	MASP1	0.09	6.40	3.15	0.0021904	0.0110052	-2.15

ILMN_1736340	ANGEL2	-0.13	8.91	-3.15	0.0021933	0.0110178	-2.15
ILMN_1812091	FAM20A	0.09	6.51	3.15	0.002198	0.0110401	-2.15
ILMN_1789089	DCTN1	-0.07	6.42	-3.14	0.0022008	0.0110522	-2.15
ILMN_1770641	KLHL3	0.15	7.46	3.14	0.0022055	0.0110743	-2.15
ILMN_3247882	ERI3	-0.10	7.34	-3.14	0.0022143	0.0111171	-2.16
ILMN_1764087	SYPL1	0.20	9.53	3.14	0.0022161	0.0111244	-2.16
ILMN_1752502	HKDC1	0.47	8.51	3.14	0.0022188	0.0111363	-2.16
ILMN_1724479	NR2C2	-0.10	7.06	-3.14	0.0022212	0.0111465	-2.16
ILMN_1652762	HIC2	-0.10	7.26	-3.14	0.0022225	0.0111518	-2.16
ILMN_1657977	MSRB2	-0.18	9.61	-3.14	0.0022254	0.0111645	-2.16
ILMN_2377185	TCEB2	-0.12	7.08	-3.14	0.0022272	0.0111713	-2.16
ILMN_3251383	CCDC74B	0.10	6.51	3.14	0.0022274	0.0111713	-2.16
ILMN_1681590	LARP1	0.12	7.92	3.14	0.0022297	0.0111813	-2.16
ILMN_1798308	AHSA2	0.18	9.05	3.14	0.0022317	0.0111899	-2.16
ILMN_1780693	HSD3B1	-0.08	6.43	-3.14	0.0022343	0.011201	-2.16
ILMN_1663033	TMEM129	-0.11	6.80	-3.14	0.0022349	0.0112025	-2.16
ILMN_2349071	ADGRG2	0.12	6.43	3.14	0.0022358	0.0112052	-2.16
ILMN_1789349	UBQLN4	0.13	8.77	3.14	0.0022398	0.0112236	-2.17
ILMN_1718734	MLLT6	-0.19	8.78	-3.14	0.0022402	0.0112241	-2.17
ILMN_1655915	MMP11	-0.13	6.78	-3.14	0.0022415	0.0112289	-2.16
ILMN_1815184	ASPM	0.27	8.16	3.14	0.0022439	0.0112393	-2.17
ILMN_1772506	ATP5I	-0.15	8.19	-3.14	0.0022444	0.0112402	-2.17
ILMN_1662318	CCDC59	0.13	9.16	3.14	0.0022497	0.0112651	-2.17
ILMN_1756506	TXLNGY	0.37	7.14	3.14	0.002252	0.0112748	-2.17
ILMN_1688279	PVRIG	0.23	6.85	3.14	0.0022529	0.0112777	-2.17
ILMN_1708009	LANCL2	-0.12	7.16	-3.14	0.002255	0.0112853	-2.17
ILMN_2153495	WNT7B	-0.09	6.65	-3.14	0.0022549	0.0112853	-2.17
ILMN_3235065	ZNHIT6	0.13	7.32	3.14	0.0022567	0.0112919	-2.17
ILMN_1777990	NA	-0.11	6.76	-3.14	0.0022628	0.011321	-2.18
ILMN_1790778	PNMA2	0.16	6.61	3.14	0.0022632	0.0113213	-2.17
ILMN_1769615	FLRT2	0.13	6.93	3.14	0.002265	0.0113286	-2.18
ILMN_1657697	SAR1A	0.14	8.09	3.14	0.0022656	0.01133	-2.18
ILMN_1788149	NEK11	0.09	6.57	3.14	0.0022677	0.011339	-2.18
ILMN_1655341	PLAC8L1	-0.08	6.43	-3.13	0.0022689	0.0113432	-2.18
ILMN_2408430	LARGE	-0.16	7.57	-3.13	0.0022697	0.0113456	-2.18
ILMN_3264466	MTFR1L	-0.12	7.18	-3.14	0.0022722	0.0113565	-2.17
ILMN_1803853	NOL7	0.13	9.31	3.13	0.002276	0.0113738	-2.18
ILMN_2064694	STIM1	-0.16	7.43	-3.13	0.0022784	0.0113842	-2.18
ILMN_3242120	RAP1B	0.20	7.57	3.13	0.0022788	0.0113842	-2.18
ILMN_1726667	NA	-0.14	7.63	-3.13	0.0022926	0.0114518	-2.19
ILMN_1860963	NA	-0.13	6.87	-3.13	0.0022939	0.0114564	-2.19
ILMN_2258543	PRDM2	0.07	6.56	3.13	0.0022957	0.0114638	-2.19
ILMN_1759952	PSMA5	0.12	10.61	3.13	0.0022968	0.0114678	-2.19
ILMN_1768870	CAPZA2	0.11	10.42	3.13	0.0022984	0.0114739	-2.19
ILMN_1728707	COLQ	-0.09	6.58	-3.13	0.0023035	0.011498	-2.19
ILMN_1654540	SEMA6D	-0.15	7.51	-3.13	0.0023057	0.011507	-2.19
ILMN_2279873	WHAMM	-0.12	7.22	-3.13	0.0023079	0.0115165	-2.19
ILMN_1769556	NPR3	0.07	6.33	3.13	0.0023084	0.0115173	-2.19

ILMN_1794011	CHST2	0.11	6.62	3.13	0.0023087	0.0115173	-2.19
ILMN_3224758	TUBB	0.09	6.69	3.13	0.0023103	0.0115233	-2.19
ILMN_1760062	IFI44	0.38	7.69	3.13	0.002311	0.0115252	-2.19
ILMN_2128741	RDH11	0.15	7.53	3.13	0.0023114	0.0115255	-2.19
ILMN_1714417	PSEN2	-0.11	7.58	-3.13	0.0023121	0.0115276	-2.20
ILMN_1765941	ADGRG3	0.08	6.52	3.13	0.0023142	0.0115364	-2.20
ILMN_1738116	TMEM119	-0.26	8.26	-3.13	0.002317	0.0115485	-2.20
ILMN_1729767	TARBP2	-0.09	6.87	-3.13	0.0023207	0.0115654	-2.19
ILMN_1706225	N4BP1	-0.08	6.48	-3.13	0.0023219	0.0115687	-2.20
ILMN_3241941	SCARNA2	0.11	6.46	3.13	0.0023221	0.0115687	-2.20
ILMN_3287855	NA	-0.07	6.46	-3.13	0.0023239	0.0115762	-2.20
ILMN_1664802	WSB1	0.17	8.53	3.13	0.0023279	0.0115943	-2.20
ILMN_1805561	SLC14A1	-0.10	6.55	-3.13	0.0023327	0.0116165	-2.20
ILMN_1707169	AGMAT	-0.13	6.96	-3.13	0.0023346	0.0116246	-2.20
ILMN_3273047	POLR3G	0.07	6.46	3.12	0.0023403	0.0116511	-2.21
ILMN_1753931	CDO1	0.09	6.71	3.12	0.0023414	0.0116549	-2.21
ILMN_1894388	NA	-0.11	7.17	-3.12	0.0023423	0.0116579	-2.21
ILMN_1716651	RUNX2	0.16	6.84	3.13	0.0023453	0.011671	-2.20
ILMN_1721921	BLMH	0.15	7.54	3.12	0.0023494	0.0116895	-2.21
ILMN_3248403	SDHC	-0.19	8.38	-3.12	0.0023497	0.0116895	-2.21
ILMN_1712291	MICALL2	-0.14	7.09	-3.12	0.0023552	0.011715	-2.21
ILMN_1736327	CDC42EP3	-0.10	6.68	-3.12	0.0023572	0.0117233	-2.21
ILMN_1792748	CPS1	0.66	7.26	3.12	0.0023575	0.0117234	-2.21
ILMN_1789482	PRM3	-0.08	6.37	-3.12	0.0023594	0.011731	-2.21
ILMN_2159322	SLK	0.21	8.49	3.12	0.0023642	0.0117532	-2.21
ILMN_1729691	SLC16A6	0.11	6.56	3.12	0.002365	0.0117554	-2.21
ILMN_1686668	GFM2	-0.09	6.82	-3.12	0.0023703	0.0117784	-2.22
ILMN_1826921	NA	0.13	6.61	3.12	0.0023702	0.0117784	-2.22
ILMN_1696488	FGF23	-0.10	6.70	-3.12	0.0023722	0.011786	-2.22
ILMN_1685037	ASL	-0.11	6.75	-3.12	0.0023776	0.0118113	-2.22
ILMN_1751793	PCNX2	0.08	6.39	3.12	0.0023803	0.011823	-2.22
ILMN_1690625	SLC9A8	-0.12	7.12	-3.12	0.0023827	0.0118333	-2.22
ILMN_1713147	MCRS1	-0.09	6.67	-3.12	0.0023843	0.0118393	-2.22
ILMN_1783998	STARD5	-0.10	6.61	-3.12	0.0023879	0.0118538	-2.22
ILMN_1859946	UHMK1	-0.11	10.26	-3.12	0.0023876	0.0118538	-2.22
ILMN_1770378	ANAPC10	0.13	7.59	3.12	0.0023931	0.0118779	-2.22
ILMN_1813833	NARFL	-0.12	7.02	-3.12	0.0023951	0.0118861	-2.22
ILMN_1681081	AGPAT2	-0.25	8.08	-3.12	0.0023958	0.0118873	-2.23
ILMN_2409298	NUSAP1	0.17	7.32	3.12	0.002396	0.0118873	-2.23
ILMN_1695821	ACTR1B	-0.11	8.16	-3.12	0.002398	0.0118955	-2.23
ILMN_1657405	SPPL3	-0.11	6.82	-3.12	0.0023992	0.0118998	-2.23
ILMN_2402930	NA	-0.12	12.59	-3.12	0.0023999	0.0119016	-2.23
ILMN_1750805	ARHGAP30	0.26	7.37	3.12	0.0024025	0.0119125	-2.23
ILMN_2382558	NA	-0.11	6.62	-3.12	0.0024069	0.0119326	-2.23
ILMN_2376258	SMARCA1	0.08	6.53	3.12	0.0024092	0.0119426	-2.23
ILMN_1707901	DHRS7B	-0.13	7.85	-3.12	0.0024101	0.0119438	-2.23
ILMN_1737480	NA	-0.07	6.45	-3.12	0.0024102	0.0119438	-2.23
ILMN_3199780	CAP1	0.21	9.18	3.11	0.0024186	0.011984	-2.24

ILMN_2406304	PDZRN3	0.14	6.75	3.11	0.0024196	0.0119872	-2.23
ILMN_2206716	JTB	-0.12	11.63	-3.11	0.0024229	0.0120018	-2.24
ILMN_1772482	SLC6A10P	-0.10	6.44	-3.11	0.0024239	0.0120049	-2.24
ILMN_1665871	ANGEL1	0.12	7.22	3.11	0.0024248	0.0120058	-2.24
ILMN_1880612	NA	-0.09	6.67	-3.11	0.0024247	0.0120058	-2.24
ILMN_1814924	NXPE3	0.07	6.39	3.11	0.0024256	0.0120082	-2.24
ILMN_3251303	NR2C2	-0.13	7.14	-3.11	0.0024288	0.0120225	-2.24
ILMN_1857915	LINC00998	0.22	8.78	3.11	0.0024315	0.012034	-2.24
ILMN_1867439	NA	0.15	6.87	3.11	0.0024326	0.0120374	-2.24
ILMN_1766363	FLT3	0.08	6.46	3.11	0.0024352	0.012049	-2.24
ILMN_1797735	C1orf21	-0.17	7.44	-3.11	0.0024366	0.0120538	-2.24
ILMN_1708340	DAPK1	0.18	7.53	3.11	0.0024376	0.0120574	-2.24
ILMN_1741942	STX16	-0.23	8.98	-3.11	0.002438	0.0120574	-2.23
ILMN_3251526	USP13	0.13	6.98	3.11	0.0024421	0.0120761	-2.25
ILMN_1793287	DEXI	0.13	9.07	3.11	0.0024431	0.0120792	-2.25
ILMN_1680682	TADA2A	0.09	6.59	3.11	0.0024437	0.0120803	-2.25
ILMN_1769083	GSTA3	-0.09	6.50	-3.11	0.0024481	0.0120992	-2.24
ILMN_2406586	CC2D2A	0.12	6.75	3.11	0.0024482	0.0120992	-2.25
ILMN_1733680	AZI2	0.13	7.68	3.11	0.0024486	0.0120993	-2.25
ILMN_1726457	NA	-0.07	6.57	-3.11	0.0024503	0.0121063	-2.25
ILMN_1783333	CMC2	0.13	9.66	3.11	0.0024515	0.0121102	-2.25
ILMN_3308936	MIR223	0.08	6.41	3.11	0.0024534	0.012118	-2.25
ILMN_1762407	CABLES2	-0.11	6.89	-3.11	0.0024571	0.0121345	-2.25
ILMN_1712231	SH3YL1	-0.21	8.06	-3.11	0.0024616	0.0121536	-2.25
ILMN_1785284	ALDH6A1	-0.20	8.25	-3.11	0.0024617	0.0121536	-2.25
ILMN_1751062	SCARA5	0.31	7.69	3.11	0.0024622	0.0121543	-2.25
ILMN_1733875	RUNDC1	-0.12	8.47	-3.11	0.0024646	0.0121627	-2.25
ILMN_3242186	MLLT4-AS1	-0.15	6.67	-3.11	0.0024642	0.0121627	-2.25
ILMN_1802649	C11orf58	0.07	6.47	3.11	0.0024739	0.012207	-2.26
ILMN_1652199	NA	0.96	12.61	3.11	0.0024816	0.0122413	-2.26
ILMN_1803799	EIF4E	0.20	8.23	3.11	0.0024813	0.0122413	-2.26
ILMN_1767960	NSUN7	-0.13	6.85	-3.11	0.0024828	0.0122457	-2.26
ILMN_2199313	NPDC1	-0.21	7.48	-3.11	0.0024871	0.0122651	-2.26
ILMN_1782037	IGSF3	-0.10	6.43	-3.10	0.0024906	0.0122806	-2.26
ILMN_1742444	UGT2B10	-0.18	6.65	-3.10	0.0024947	0.0122991	-2.27
ILMN_1689704	TMEM5	-0.18	8.20	-3.10	0.0024983	0.0123148	-2.27
ILMN_2373495	H2AFY	-0.10	12.19	-3.10	0.002503	0.0123365	-2.27
ILMN_2411511	KLK12	0.09	6.35	3.10	0.0025109	0.0123736	-2.27
ILMN_2393254	CAPNS1	-0.18	8.86	-3.10	0.0025121	0.0123777	-2.27
ILMN_3235472	WDYHV1	0.08	6.88	3.10	0.0025154	0.0123924	-2.27
ILMN_2229922	KIAA1551	0.24	9.00	3.10	0.0025181	0.0124038	-2.27
ILMN_1664610	RPS17	0.13	12.85	3.10	0.0025209	0.0124121	-2.27
ILMN_2056032	CD99	0.17	8.73	3.10	0.0025206	0.0124121	-2.27
ILMN_3239925	PP7080	-0.86	9.11	-3.10	0.0025203	0.0124121	-2.27
ILMN_3288161	RPS27	0.13	13.66	3.10	0.002525	0.0124309	-2.28
ILMN_1665797	CSE1L	0.15	8.88	3.10	0.0025436	0.0125203	-2.28
ILMN_2412922	ELMSAN1	-0.13	7.26	-3.10	0.0025485	0.0125426	-2.28
ILMN_1709484	BLM	0.09	6.64	3.10	0.0025526	0.0125596	-2.29

ILMN_2359456	ERGIC3	-0.15	8.61	-3.10	0.0025525	0.0125596	-2.29
ILMN_2256765	CDC16	-0.15	9.78	-3.10	0.002557	0.0125793	-2.29
ILMN_1652313	RNF215	0.09	6.58	3.10	0.0025605	0.0125949	-2.29
ILMN_2387919	PRKAG2	0.13	7.47	3.10	0.0025625	0.0126027	-2.29
ILMN_1669772	LRP1	0.11	6.92	3.10	0.0025649	0.0126128	-2.29
ILMN_1756162	EXOSC8	0.21	8.38	3.09	0.0025667	0.0126197	-2.29
ILMN_1740737	DCPS	0.11	7.02	3.09	0.0025692	0.0126304	-2.29
ILMN_1682038	SNORA25	0.16	8.43	3.09	0.0025702	0.0126334	-2.29
ILMN_1652754	ZNF428	0.17	9.17	3.09	0.002575	0.0126549	-2.29
ILMN_1786936	NA	-0.08	6.53	-3.09	0.0025766	0.012661	-2.29
ILMN_2364174	CSNK1A1	0.10	6.94	3.09	0.0025771	0.0126618	-2.29
ILMN_1683664	FAM60A	0.13	10.55	3.09	0.002578	0.0126644	-2.30
ILMN_1868047	NA	0.08	6.53	3.09	0.0025833	0.0126888	-2.29
ILMN_1720437	NA	-0.07	6.42	-3.09	0.0025843	0.0126916	-2.30
ILMN_1789999	SLC30A7	0.14	9.73	3.09	0.0025856	0.0126962	-2.30
ILMN_1769839	L1TD1	0.44	7.42	3.09	0.0025868	0.0127004	-2.30
ILMN_1815148	MAN2A2	-0.09	7.18	-3.09	0.0025953	0.0127402	-2.30
ILMN_1673370	FBXL5	0.12	6.81	3.09	0.0026002	0.0127626	-2.30
ILMN_2143148	TM2D1	-0.13	9.81	-3.09	0.0026041	0.0127801	-2.30
ILMN_1703477	ARHGEF2	0.19	10.28	3.09	0.0026054	0.0127842	-2.30
ILMN_2384140	KLRC1	-0.08	6.51	-3.09	0.0026057	0.0127842	-2.30
ILMN_1753112	CD5	0.12	6.51	3.09	0.0026073	0.01279	-2.31
ILMN_2182120	SF3B6	0.15	8.35	3.09	0.0026135	0.0128186	-2.31
ILMN_1657153	ACTR3	0.26	8.88	3.09	0.0026173	0.0128354	-2.31
ILMN_1679912	DPH3	0.11	7.34	3.09	0.0026204	0.0128488	-2.31
ILMN_3250798	C11orf58	0.08	6.63	3.09	0.0026212	0.012851	-2.30
ILMN_1712035	TMEM115	-0.11	7.94	-3.09	0.0026219	0.0128527	-2.31
ILMN_1769478	SPATA24	-0.08	6.51	-3.09	0.0026226	0.0128542	-2.31
ILMN_1725787	RFX1	-0.14	7.53	-3.09	0.0026304	0.0128907	-2.31
ILMN_1677800	SGTA	0.11	6.86	3.09	0.0026309	0.0128911	-2.31
ILMN_1668861	TPI1	-0.14	7.10	-3.09	0.0026349	0.012909	-2.32
ILMN_1698246	NA	-0.12	6.80	-3.09	0.0026355	0.0129102	-2.32
ILMN_1680928	DNM3	0.11	6.57	3.09	0.0026429	0.0129429	-2.32
ILMN_1791679	DNER	0.11	6.41	3.09	0.0026426	0.0129429	-2.32
ILMN_1711227	GMDS	0.26	10.65	3.09	0.0026443	0.0129475	-2.32
ILMN_1785424	ABLIM1	0.14	10.34	3.09	0.0026448	0.0129482	-2.31
ILMN_2168520	C11orf70	0.11	6.50	3.08	0.0026457	0.0129511	-2.32
ILMN_1803213	MXRA5	0.32	9.68	3.08	0.0026494	0.0129672	-2.32
ILMN_1737015	RPL39	0.09	12.81	3.08	0.0026552	0.0129938	-2.32
ILMN_1747506	DHX34	-0.09	6.98	-3.08	0.002658	0.0130054	-2.32
ILMN_1739576	CYB5R2	0.11	7.03	3.08	0.0026645	0.0130355	-2.33
ILMN_1740185	TPMT	-0.24	9.72	-3.08	0.0026707	0.0130638	-2.33
ILMN_1759173	WWP2	-0.08	6.41	-3.08	0.0026715	0.0130662	-2.32
ILMN_1681798	6-Sep	0.11	6.62	3.08	0.0026733	0.0130709	-2.33
ILMN_1782688	THNSL1	-0.11	6.96	-3.08	0.002673	0.0130709	-2.33
ILMN_2149782	RAMP2	0.10	6.98	3.08	0.0026785	0.0130945	-2.33
ILMN_3306997	METTL1	0.19	8.03	3.08	0.0026831	0.0131156	-2.33
ILMN_2402272	TCEAL8	0.11	8.44	3.08	0.0026842	0.013119	-2.33

ILMN_2352921	BPGM	0.09	6.77	3.08	0.0026856	0.0131239	-2.33
ILMN_1676411	PMS2P2	-0.10	6.73	-3.08	0.0026912	0.0131484	-2.33
ILMN_1691811	OR4C16	-0.06	6.29	-3.08	0.0026914	0.0131484	-2.33
ILMN_1712469	NA	0.11	6.75	3.08	0.002692	0.0131495	-2.33
ILMN_1746027	GNAL	-0.11	6.64	-3.08	0.002697	0.013172	-2.34
ILMN_1675992	DST	-0.10	6.58	-3.08	0.0027002	0.0131857	-2.34
ILMN_3212395	NA	0.38	7.26	3.08	0.0027013	0.0131894	-2.34
ILMN_1793559	CEP85L	0.08	6.37	3.08	0.0027052	0.0132063	-2.34
ILMN_1695706	H3F3B	0.18	9.48	3.08	0.0027081	0.0132186	-2.33
ILMN_1752967	DHPS	-0.09	7.77	-3.08	0.0027114	0.0132331	-2.34
ILMN_1796678	HBG1	0.14	6.45	3.08	0.0027174	0.0132605	-2.34
ILMN_1746986	SLC39A3	0.08	6.53	3.08	0.0027206	0.0132723	-2.34
ILMN_2094776	CCNL1	0.15	9.04	3.08	0.0027205	0.0132723	-2.34
ILMN_1760040	NA	-0.10	6.51	-3.08	0.0027264	0.0132989	-2.34
ILMN_1706610	PLEKHA8P1	0.11	6.78	3.07	0.0027292	0.0133107	-2.35
ILMN_1788701	PSIP1	0.16	7.92	3.07	0.0027325	0.0133249	-2.35
ILMN_1681949	PDGFRA	0.21	8.70	3.07	0.0027343	0.01333	-2.35
ILMN_1716080	CBL	0.13	7.22	3.07	0.0027344	0.01333	-2.35
ILMN_1743130	PTGFRN	0.16	8.33	3.07	0.0027367	0.0133396	-2.35
ILMN_1899760	NA	0.10	6.66	3.07	0.0027381	0.0133446	-2.34
ILMN_1770678	CBX2	0.11	6.48	3.07	0.0027494	0.0133977	-2.35
ILMN_1719649	TMEM63A	-0.15	7.46	-3.07	0.0027567	0.0134315	-2.36
ILMN_1772667	P2RY1	-0.10	6.52	-3.07	0.0027578	0.0134345	-2.36
ILMN_2128639	PROSER2	-0.12	6.90	-3.07	0.0027629	0.0134575	-2.36
ILMN_2162234	NEK1	0.11	7.11	3.07	0.0027648	0.0134651	-2.36
ILMN_1675520	CPAMD8	0.08	6.36	3.07	0.0027655	0.0134668	-2.36
ILMN_1669032	PPIC	-0.21	9.13	-3.07	0.0027667	0.0134707	-2.36
ILMN_1733998	DHRS9	0.46	11.09	3.07	0.00277	0.0134846	-2.36
ILMN_1687589	CPT1A	-0.10	6.78	-3.07	0.0027744	0.0135043	-2.36
ILMN_1669927	ICOS	0.26	6.95	3.07	0.0027764	0.0135121	-2.36
ILMN_1700762	PBX4	0.13	6.95	3.07	0.0027777	0.0135148	-2.36
ILMN_2311052	COL13A1	-0.13	6.92	-3.07	0.0027777	0.0135148	-2.36
ILMN_1778111	LINC01000	-0.16	7.02	-3.07	0.0027789	0.0135169	-2.36
ILMN_1786021	PRKAB2	-0.14	7.57	-3.07	0.002779	0.0135169	-2.36
ILMN_2083588	TTC32	0.19	7.34	3.07	0.0027902	0.0135686	-2.37
ILMN_2157421	STUB1	-0.15	8.11	-3.07	0.0027904	0.0135686	-2.37
ILMN_1790575	METTL13	-0.11	7.50	-3.07	0.0027961	0.0135947	-2.37
ILMN_1742382	RIMS3	-0.21	7.79	-3.07	0.0027981	0.0136022	-2.37
ILMN_3240187	EMC3	-0.09	10.02	-3.07	0.0027985	0.0136024	-2.37
ILMN_1781638	HDDC3	-0.13	7.61	-3.07	0.0028062	0.0136376	-2.37
ILMN_1800626	SESN1	0.16	7.92	3.06	0.002816	0.0136837	-2.38
ILMN_1704070	NA	-0.08	6.69	-3.06	0.0028278	0.0137369	-2.38
ILMN_2255579	RAB37	-0.15	7.25	-3.06	0.0028274	0.0137369	-2.38
ILMN_1667361	COPZ2	0.08	6.54	3.06	0.0028344	0.0137671	-2.38
ILMN_1722855	VEGFB	0.09	6.85	3.06	0.0028354	0.01377	-2.38
ILMN_2112988	NCF1C	0.23	6.95	3.06	0.0028375	0.0137781	-2.38
ILMN_2134416	DNAH12	-0.07	6.26	-3.06	0.0028414	0.0137931	-2.38
ILMN_2405233	FAM133B	0.15	7.91	3.06	0.0028412	0.0137931	-2.38

ILMN_2046856	RPS15	0.12	12.49	3.06	0.0028418	0.0137932	-2.38
ILMN_1774127	STAC	0.08	6.41	3.06	0.0028448	0.0138059	-2.39
ILMN_1781431	GLCC1	0.14	6.71	3.06	0.0028465	0.0138123	-2.39
ILMN_2214603	PPP2R3C	0.14	8.10	3.06	0.0028489	0.0138219	-2.39
ILMN_1744897	KCNN3	0.09	6.48	3.06	0.0028503	0.0138268	-2.39
ILMN_1745570	KLK7	0.17	6.52	3.06	0.0028513	0.0138295	-2.39
ILMN_1787750	CD200	0.10	6.67	3.06	0.0028518	0.01383	-2.38
ILMN_2373982	PICK1	-0.13	7.76	-3.06	0.0028542	0.0138398	-2.39
ILMN_3202710	NA	-0.09	6.41	-3.06	0.0028558	0.0138455	-2.38
ILMN_1761314	NFS1	-0.09	6.59	-3.06	0.0028574	0.0138514	-2.39
ILMN_1739521	NLGN1	0.12	6.55	3.06	0.0028614	0.0138691	-2.39
ILMN_2341363	ATP5A1	-0.13	12.24	-3.06	0.002869	0.0139039	-2.39
ILMN_2365307	CD276	0.15	7.53	3.06	0.0028707	0.01391	-2.39
ILMN_1744109	NA	-0.09	6.83	-3.06	0.0028732	0.0139204	-2.39
ILMN_1674228	NA	0.95	10.82	3.06	0.0028755	0.0139293	-2.39
ILMN_1654778	LSP1	0.15	6.76	3.06	0.0028847	0.0139721	-2.40
ILMN_1658053	DYNLRB1	-0.16	9.37	-3.06	0.0028867	0.01398	-2.40
ILMN_1690822	VAPA	-0.13	7.08	-3.06	0.0028901	0.013994	-2.40
ILMN_1680091	POP7	-0.11	7.10	-3.06	0.0028941	0.0140119	-2.40
ILMN_1691930	CBX6	0.21	7.83	3.06	0.0028961	0.0140176	-2.40
ILMN_1764871	PIGP	0.19	8.72	3.06	0.0028959	0.0140176	-2.40
ILMN_3224820	NA	-0.08	6.41	-3.05	0.0029038	0.0140528	-2.40
ILMN_2373515	HSP90AA1	0.15	11.97	3.06	0.0029043	0.0140529	-2.40
ILMN_1653133	SH3D19	-0.18	9.26	-3.06	0.0029075	0.0140668	-2.39
ILMN_3304405	BBIP1	0.09	6.64	3.05	0.0029103	0.0140781	-2.41
ILMN_1698725	FRMD3	-0.19	7.72	-3.05	0.0029123	0.0140857	-2.41
ILMN_1725946	IRF6	-0.12	7.48	-3.05	0.0029221	0.0141313	-2.40
ILMN_1733094	STEAP1	0.17	7.62	3.05	0.0029293	0.014164	-2.41
ILMN_1718853	UQCRC2	-0.17	9.33	-3.05	0.0029325	0.0141757	-2.41
ILMN_2359453	ERGIC3	-0.14	10.39	-3.05	0.0029321	0.0141757	-2.41
ILMN_1659727	CDAN1	-0.09	7.23	-3.05	0.0029362	0.0141915	-2.41
ILMN_3243899	TRIQQ	-0.13	7.49	-3.05	0.0029367	0.0141918	-2.41
ILMN_1716336	CKAP5	-0.08	6.72	-3.05	0.0029384	0.0141984	-2.42
ILMN_1805481	TRMT11	0.13	7.47	3.05	0.0029397	0.0142025	-2.42
ILMN_1676408	TAGAP	0.09	6.47	3.05	0.0029441	0.0142219	-2.42
ILMN_2208903	CD52	0.58	8.69	3.05	0.0029498	0.0142473	-2.42
ILMN_1717674	PEPD	0.22	8.78	3.05	0.0029502	0.0142474	-2.42
ILMN_1741869	WDR47	0.10	6.97	3.05	0.002953	0.0142568	-2.42
ILMN_1747504	AHCTF1	0.11	7.16	3.05	0.0029528	0.0142568	-2.42
ILMN_1669709	TMEM108	0.06	6.42	3.05	0.002955	0.0142643	-2.42
ILMN_1738558	RGS20	0.14	6.33	3.05	0.0029554	0.0142645	-2.42
ILMN_1732328	RPL22	0.16	11.84	3.05	0.0029591	0.0142791	-2.42
ILMN_1755536	PFDN5	0.12	11.19	3.05	0.0029593	0.0142791	-2.42
ILMN_1798061	ZFYVE26	-0.11	8.23	-3.05	0.002975	0.0143528	-2.43
ILMN_1727618	NDUFAF6	-0.13	7.46	-3.05	0.0029777	0.014364	-2.43
ILMN_1665655	CTDSPL2	-0.10	7.00	-3.05	0.0029794	0.0143703	-2.42
ILMN_2059780	CYP4A22	-0.07	6.25	-3.05	0.00298	0.0143709	-2.43
ILMN_1684445	FCRL5	0.19	6.91	3.04	0.0029922	0.0144278	-2.43

ILMN_1778358	ATP8A1	-0.19	7.09	-3.04	0.002995	0.0144395	-2.43
ILMN_1664073	NA	0.08	6.43	3.04	0.0029957	0.0144408	-2.43
ILMN_3241332	MED18	-0.11	6.65	-3.04	0.0030026	0.0144719	-2.43
ILMN_2317730	ELMO2	0.12	7.84	3.04	0.0030039	0.0144762	-2.44
ILMN_1813019	DNAJB4	0.09	6.65	3.04	0.0030082	0.0144947	-2.44
ILMN_1749078	TIMP2	0.13	6.78	3.04	0.0030097	0.0145002	-2.44
ILMN_2085525	SNORA32	0.12	6.97	3.04	0.0030103	0.0145009	-2.44
ILMN_1785891	PRKD1	0.16	6.76	3.04	0.0030113	0.0145037	-2.44
ILMN_1676515	IMPDH1	0.18	7.74	3.04	0.0030189	0.0145384	-2.44
ILMN_1690105	STAT1	0.26	8.29	3.04	0.0030303	0.0145909	-2.44
ILMN_2396982	BCL2L12	0.16	7.78	3.04	0.0030354	0.0146137	-2.44
ILMN_1797005	PGLS	-0.12	8.19	-3.04	0.0030386	0.0146268	-2.45
ILMN_1738699	FXR2	0.11	7.02	3.04	0.0030423	0.0146427	-2.45
ILMN_1690099	ITGB1BP1	0.21	8.74	3.04	0.0030432	0.0146451	-2.45
ILMN_1784436	ARHGAP39	-0.16	7.32	-3.04	0.0030504	0.0146777	-2.45
ILMN_2267914	CD68	0.16	6.92	3.04	0.0030513	0.01468	-2.45
ILMN_1742789	LPXN	0.34	9.25	3.04	0.003052	0.0146802	-2.44
ILMN_2387742	HNRNPA1L2	0.09	6.50	3.04	0.0030522	0.0146802	-2.45
ILMN_1746604	IL6ST	0.07	6.36	3.04	0.0030541	0.0146875	-2.45
ILMN_2112524	RNF149	0.15	7.31	3.04	0.0030623	0.0147249	-2.45
ILMN_1661293	ZNF224	-0.10	7.03	-3.04	0.003077	0.0147933	-2.46
ILMN_1760360	LTN1	-0.11	8.23	-3.04	0.0030798	0.0148047	-2.46
ILMN_1653711	FZD2	0.09	6.56	3.03	0.0030805	0.014806	-2.46
ILMN_1794512	ADPRH	0.09	6.69	3.03	0.0030824	0.014813	-2.46
ILMN_1728540	FUNDC1	-0.10	7.64	-3.03	0.0030839	0.0148184	-2.46
ILMN_2294751	ASCC3	0.12	7.15	3.04	0.0030907	0.0148487	-2.45
ILMN_3302177	RPL14	0.19	11.62	3.03	0.003094	0.0148626	-2.46
ILMN_1779517	RASEF	-0.35	8.05	-3.03	0.0030961	0.0148706	-2.46
ILMN_2180682	NA	0.16	10.40	3.03	0.0030971	0.0148732	-2.46
ILMN_1653766	CCL24	0.17	6.66	3.03	0.0031079	0.0149209	-2.47
ILMN_1779147	ENC1	0.17	8.19	3.03	0.0031077	0.0149209	-2.47
ILMN_2329834	RBM12	0.14	7.92	3.03	0.0031101	0.0149294	-2.47
ILMN_1673820	HLTF	0.16	7.84	3.03	0.0031146	0.0149492	-2.47
ILMN_1672753	NA	-0.09	6.53	-3.03	0.0031152	0.0149498	-2.47
ILMN_1651872	UBIAD1	0.12	7.76	3.03	0.0031158	0.0149505	-2.47
ILMN_1704785	FUOM	0.11	6.57	3.03	0.0031187	0.0149603	-2.46
ILMN_2054362	SLC25A40	-0.13	7.13	-3.03	0.0031185	0.0149603	-2.47
ILMN_1772964	CCL8	0.48	7.78	3.03	0.0031277	0.0150015	-2.47
ILMN_1690371	MRPL11	-0.19	8.60	-3.03	0.0031286	0.0150016	-2.46
ILMN_2108590	THSD7B	-0.08	6.31	-3.03	0.0031282	0.0150016	-2.47
ILMN_1784005	RAB13	0.14	7.26	3.03	0.0031293	0.0150028	-2.47
ILMN_1676978	NA	-0.07	6.46	-3.03	0.003131	0.0150031	-2.47
ILMN_1688205	KLK10	0.14	6.48	3.03	0.0031311	0.0150031	-2.47
ILMN_1720531	KDM4B	-0.10	6.74	-3.03	0.003131	0.0150031	-2.47
ILMN_1726239	TBCA	0.19	10.87	3.03	0.0031298	0.0150031	-2.47
ILMN_1679995	MPP6	0.10	6.52	3.03	0.0031323	0.015007	-2.47
ILMN_1666376	TRIM56	-0.14	7.42	-3.03	0.0031333	0.0150098	-2.47
ILMN_2387995	ANTXR1	0.08	6.61	3.03	0.0031373	0.0150264	-2.47

ILMN_1662686	USPL1	0.13	7.63	3.03	0.00314	0.0150377	-2.48
ILMN_2334531	GJB3	0.20	6.92	3.03	0.0031482	0.0150748	-2.48
ILMN_2293529	AKAP7	-0.09	6.33	-3.03	0.0031501	0.0150817	-2.47
ILMN_1734596	TC2N	0.18	7.68	3.03	0.0031514	0.0150838	-2.48
ILMN_1761068	NA	-0.14	7.96	-3.03	0.0031511	0.0150838	-2.48
ILMN_2149053	RIF1	0.13	7.15	3.03	0.003158	0.0151132	-2.48
ILMN_1815063	PXK	0.10	6.68	3.03	0.0031586	0.0151137	-2.48
ILMN_1723358	SCARA3	0.11	6.62	3.03	0.0031609	0.015122	-2.48
ILMN_3182069	NA	0.09	6.63	3.03	0.0031612	0.015122	-2.48
ILMN_1738223	LINC00574	-0.07	6.39	-3.03	0.0031634	0.0151307	-2.48
ILMN_1807304	MBNL1	0.16	9.43	3.03	0.0031669	0.0151451	-2.48
ILMN_1789508	GTF3C3	0.12	8.24	3.03	0.003169	0.0151534	-2.48
ILMN_1672759	MCU	-0.15	8.36	-3.03	0.0031737	0.0151733	-2.49
ILMN_3266944	RPS29	0.18	8.13	3.02	0.0031752	0.0151786	-2.49
ILMN_1653182	PMS2P1	-0.08	6.50	-3.02	0.0031787	0.0151909	-2.49
ILMN_1763695	C9orf24	-0.10	6.76	-3.02	0.0031785	0.0151909	-2.49
ILMN_1776552	FUBP1	0.09	6.77	3.02	0.0031791	0.0151909	-2.49
ILMN_1810085	ABCF3	0.09	6.73	3.02	0.0031811	0.0151985	-2.49
ILMN_1812489	CEP85	-0.11	6.98	-3.02	0.0031848	0.0152142	-2.49
ILMN_1728934	PRC1	0.26	8.42	3.02	0.0031874	0.0152244	-2.49
ILMN_1657888	SALL1	0.08	6.33	3.02	0.0031971	0.0152685	-2.49
ILMN_1697006	NA	-0.10	7.08	-3.02	0.0031976	0.0152687	-2.49
ILMN_2072603	MRPL14	-0.13	8.94	-3.02	0.0031992	0.0152745	-2.49
ILMN_3235113	TOMM6	0.13	9.90	3.02	0.0032021	0.0152858	-2.49
ILMN_1659801	ATP6V1C1	0.11	7.61	3.02	0.0032037	0.0152915	-2.49
ILMN_1684045	CDCA4	0.12	6.98	3.02	0.0032048	0.0152948	-2.49
ILMN_3305304	POLD2	-0.13	7.79	-3.02	0.0032064	0.0153002	-2.49
ILMN_3184670	SLC6A19	-0.10	6.41	-3.02	0.0032078	0.0153048	-2.49
ILMN_1738677	PRPF8	0.11	9.76	3.02	0.0032133	0.0153288	-2.50
ILMN_2407168	S100A13	0.17	8.72	3.02	0.0032153	0.0153365	-2.50
ILMN_1667418	TMEM114	-0.14	7.40	-3.02	0.0032177	0.0153455	-2.50
ILMN_1724406	INO80E	-0.14	7.96	-3.02	0.0032213	0.0153606	-2.50
ILMN_1809844	NA	-0.08	6.64	-3.02	0.0032235	0.0153688	-2.50
ILMN_2224486	C3orf14	-0.17	7.23	-3.02	0.0032253	0.0153753	-2.50
ILMN_1799579	CCDC51	-0.10	7.17	-3.02	0.0032352	0.0154205	-2.50
ILMN_1785324	MTHFD1	0.09	6.74	3.02	0.0032368	0.0154261	-2.50
ILMN_1685042	TNS2	0.09	6.61	3.02	0.0032379	0.0154293	-2.50
ILMN_1680348	NBPF3	0.11	6.81	3.02	0.0032503	0.0154862	-2.51
ILMN_1765704	CDK11B	-0.14	7.37	-3.02	0.0032599	0.0155294	-2.51
ILMN_1705676	MRAP	0.06	6.37	3.01	0.0032756	0.0156021	-2.51
ILMN_1715401	MT1G	-0.65	11.66	-3.01	0.0032791	0.0156169	-2.52
ILMN_3246957	PIK3R6	0.07	6.53	3.01	0.0032807	0.0156222	-2.52
ILMN_1683798	HOXB-AS3	-0.10	6.58	-3.01	0.0032837	0.0156345	-2.52
ILMN_1815548	OR52D1	0.07	6.30	3.01	0.0032846	0.0156366	-2.52
ILMN_2389347	NR3C1	0.09	6.63	3.01	0.0032945	0.0156813	-2.52
ILMN_1690706	SNRPB2	0.12	9.94	3.01	0.0032964	0.0156882	-2.52
ILMN_1691526	MAPKAP1	-0.13	6.95	-3.01	0.0032988	0.0156979	-2.52
ILMN_2381834	TRIM69	0.08	6.38	3.01	0.0033038	0.0157192	-2.52

ILMN_2312764	AJAP1	0.10	6.65	3.01	0.0033093	0.0157435	-2.52
ILMN_2339202	KTN1	-0.24	9.07	-3.01	0.0033105	0.0157467	-2.52
ILMN_2391522	MRPL47	-0.10	7.39	-3.01	0.0033109	0.0157467	-2.52
ILMN_2347380	ARHGEF11	-0.14	6.97	-3.01	0.0033136	0.0157574	-2.52
ILMN_1782621	RPS12	0.11	13.55	3.01	0.003318	0.0157762	-2.53
ILMN_1781952	MGST1	-0.25	8.33	-3.01	0.0033199	0.0157829	-2.53
ILMN_2258409	P2RY14	0.09	6.44	3.01	0.0033249	0.0158046	-2.53
ILMN_1683415	CAMK2D	-0.11	7.20	-3.01	0.0033286	0.0158177	-2.53
ILMN_1758093	TMEM260	-0.11	6.75	-3.01	0.0033285	0.0158177	-2.53
ILMN_2100209	NA	0.31	6.97	3.01	0.0033301	0.0158225	-2.53
ILMN_1793072	NA	-0.10	6.36	-3.01	0.0033319	0.0158288	-2.53
ILMN_1764861	ISOC1	-0.15	8.70	-3.01	0.0033345	0.0158349	-2.53
ILMN_3307799	PSMD4	0.14	7.92	3.01	0.0033344	0.0158349	-2.53
ILMN_3309759	VTRNA1-1	0.17	6.64	3.01	0.0033344	0.0158349	-2.53
ILMN_1737813	ERI3	-0.11	7.58	-3.01	0.0033359	0.0158394	-2.53
ILMN_1805027	KLC3	-0.08	6.41	-3.01	0.0033396	0.0158548	-2.53
ILMN_1689129	OPRM1	-0.07	6.43	-3.01	0.0033411	0.0158593	-2.53
ILMN_1795428	WDR59	-0.12	8.81	-3.01	0.0033502	0.0159006	-2.53
ILMN_1860084	NA	-0.14	7.23	-3.01	0.0033521	0.0159072	-2.54
ILMN_1700042	TLN2	-0.14	7.58	-3.01	0.0033556	0.0159218	-2.54
ILMN_1697559	G6PD	0.09	6.81	3.01	0.0033572	0.0159271	-2.54
ILMN_1658425	DAG1	-0.11	8.41	-3.01	0.0033704	0.0159875	-2.54
ILMN_2140510	KLHL13	0.11	6.70	3.00	0.0033751	0.0160076	-2.54
ILMN_1752932	MPZL2	-0.22	10.48	-3.00	0.0033809	0.0160332	-2.54
ILMN_1682180	VCPIP1	0.11	7.80	3.00	0.0033853	0.0160518	-2.54
ILMN_1777344	RPS13	0.13	12.26	3.00	0.0033923	0.0160826	-2.55
ILMN_1679093	ZNF581	0.16	7.82	3.00	0.0033946	0.0160892	-2.55
ILMN_1770922	TMEM45A	0.12	6.82	3.00	0.0033942	0.0160892	-2.54
ILMN_1730611	RTN4	0.11	11.12	3.00	0.0033992	0.0161087	-2.55
ILMN_1774427	CALCOCO1	0.10	6.94	3.00	0.0034059	0.0161385	-2.55
ILMN_1698218	TRAF1	0.11	6.73	3.00	0.0034088	0.0161481	-2.55
ILMN_1805535	VRK3	-0.10	6.72	-3.00	0.0034089	0.0161481	-2.55
ILMN_1691884	STC2	0.13	6.70	3.00	0.0034191	0.0161939	-2.55
ILMN_1651584	NA	0.09	6.45	3.00	0.0034221	0.0162061	-2.55
ILMN_2060086	ADAM23	0.08	6.38	3.00	0.0034232	0.016209	-2.55
ILMN_1708391	NR1H4	0.49	7.24	3.00	0.0034275	0.0162271	-2.56
ILMN_1738866	DEXI	0.12	8.06	3.00	0.0034281	0.016228	-2.56
ILMN_1748438	POLR2G	0.14	9.72	3.00	0.0034305	0.0162369	-2.56
ILMN_2365686	ALG8	0.12	7.90	3.00	0.0034321	0.0162424	-2.56
ILMN_1684956	ARSD	-0.11	6.62	-3.00	0.0034381	0.0162686	-2.56
ILMN_1781457	TIPRL	-0.15	8.13	-3.00	0.0034413	0.0162812	-2.56
ILMN_1681356	PDE2A	0.09	6.51	3.00	0.0034486	0.0163134	-2.56
ILMN_1773485	QKI	0.09	6.56	3.00	0.0034515	0.0163252	-2.56
ILMN_2261784	CCNY	-0.19	8.93	-3.00	0.0034544	0.0163368	-2.56
ILMN_1763002	NA	-0.08	6.57	-3.00	0.0034573	0.0163477	-2.56
ILMN_2326509	CASP1	0.26	8.95	3.00	0.0034577	0.0163477	-2.56
ILMN_1697289	ZNF713	-0.10	6.55	-3.00	0.0034654	0.0163817	-2.57
ILMN_1686535	SLC37A3	-0.10	6.73	-3.00	0.0034698	0.0164005	-2.57

ILMN_1654165	SLC45A2	-0.09	6.51	-3.00	0.0034711	0.0164044	-2.57
ILMN_1708006	MICB	0.14	6.79	3.00	0.0034735	0.0164136	-2.57
ILMN_2087303	XKR8	-0.10	6.98	-2.99	0.0034766	0.0164258	-2.57
ILMN_1714335	RDH10	0.19	8.40	2.99	0.0034772	0.0164262	-2.57
ILMN_1659601	CCL26	0.15	6.57	2.99	0.0034778	0.0164269	-2.57
ILMN_1814333	SERPINI1	0.11	6.83	2.99	0.0034861	0.0164639	-2.57
ILMN_1811437	MYRF	0.12	6.70	2.99	0.0034937	0.0164977	-2.57
ILMN_1673252	AIMP2	-0.17	9.45	-2.99	0.003496	0.0165061	-2.57
ILMN_2145518	TMEM126B	-0.10	10.03	-2.99	0.0034977	0.016512	-2.57
ILMN_1666222	PHACTR3	0.14	6.52	2.99	0.0035002	0.0165216	-2.58
ILMN_2150851	SERPINB2	0.20	6.55	2.99	0.0035097	0.0165639	-2.58
ILMN_1657796	STMN1	0.16	7.38	2.99	0.0035131	0.0165758	-2.58
ILMN_2251452	RPS6KA1	-0.08	6.52	-2.99	0.0035132	0.0165758	-2.58
ILMN_1813911	HEXA	0.07	6.37	2.99	0.0035151	0.0165829	-2.58
ILMN_1728305	PUM2	-0.11	9.20	-2.99	0.0035167	0.0165881	-2.58
ILMN_1675501	SENP5	0.11	6.87	2.99	0.0035185	0.0165944	-2.58
ILMN_1813379	TNFRSF9	0.11	6.50	2.99	0.0035205	0.0166015	-2.58
ILMN_2312498	SEMG1	0.09	6.40	2.99	0.0035221	0.0166068	-2.58
ILMN_3239272	SNORD71	0.10	6.51	2.99	0.0035245	0.0166159	-2.58
ILMN_1752562	CXCL5	0.14	6.48	2.99	0.0035266	0.0166235	-2.58
ILMN_1658957	NA	-0.12	6.98	-2.99	0.0035321	0.0166472	-2.58
ILMN_1737728	CDCA3	0.11	6.68	2.99	0.0035346	0.0166566	-2.58
ILMN_1771903	NUP37	0.15	8.64	2.99	0.0035356	0.0166591	-2.58
ILMN_3199798	RPL10	0.14	13.48	2.99	0.0035406	0.0166804	-2.59
ILMN_1729130	TMEM248	0.12	8.02	2.99	0.0035428	0.0166884	-2.59
ILMN_1722673	PCDHB4	0.10	6.61	2.99	0.0035445	0.0166941	-2.59
ILMN_2064902	HAND2	0.11	6.67	2.99	0.0035526	0.0167298	-2.59
ILMN_2127328	PURA	-0.11	8.05	-2.99	0.0035537	0.0167326	-2.59
ILMN_1678353	FARP1	-0.17	8.00	-2.99	0.0035557	0.01674	-2.59
ILMN_3245879	FAM13A-AS1	-0.08	6.76	-2.99	0.0035585	0.0167509	-2.59
ILMN_2126038	STMN2	0.27	8.13	2.99	0.0035668	0.0167875	-2.59
ILMN_1885728	KIAA1147	-0.10	6.98	-2.99	0.0035722	0.0168105	-2.59
ILMN_1772286	OCIAD2	0.23	8.93	2.99	0.003576	0.0168265	-2.59
ILMN_1729417	GNE	-0.26	9.87	-2.99	0.0035771	0.0168292	-2.59
ILMN_1660579	CRLF3	0.14	7.11	2.98	0.0035809	0.0168445	-2.60
ILMN_1655296	UTRN	0.10	6.76	2.98	0.0035902	0.0168841	-2.60
ILMN_1658579	NA	-0.14	7.28	-2.98	0.0035899	0.0168841	-2.60
ILMN_1738821	GOLGA2	-0.10	7.41	-2.98	0.0035963	0.016908	-2.60
ILMN_1767433	TBC1D5	-0.12	6.79	-2.98	0.0035961	0.016908	-2.60
ILMN_1889752	SMIM13	0.12	6.75	2.98	0.0035971	0.0169094	-2.60
ILMN_1691747	KHDRBS3	-0.19	7.87	-2.98	0.0036009	0.0169248	-2.60
ILMN_2160209	EPCAM	-0.31	10.31	-2.98	0.0036023	0.0169293	-2.60
ILMN_2383707	ALDH1A2	0.10	6.53	2.98	0.0036065	0.0169466	-2.60
ILMN_2191402	H LCS	0.07	6.38	2.98	0.0036095	0.0169584	-2.60
ILMN_1733515	LOXL3	0.08	6.51	2.98	0.0036103	0.0169588	-2.60
ILMN_3236825	RAPGEF5	-0.15	8.23	-2.98	0.0036106	0.0169588	-2.60
ILMN_2400663	AKAP9	-0.08	6.30	-2.98	0.0036127	0.0169665	-2.60
ILMN_2321451	HNRNPD	0.14	11.38	2.98	0.0036134	0.0169674	-2.60

ILMN_2285996	KIAA0101	0.24	7.83	2.98	0.0036187	0.0169901	-2.61
ILMN_1824297	NA	-0.11	6.96	-2.98	0.0036201	0.0169944	-2.61
ILMN_1657505	HR	-0.08	6.48	-2.98	0.0036243	0.0170119	-2.61
ILMN_1711171	CREB3L4	-0.10	6.63	-2.98	0.0036267	0.0170209	-2.61
ILMN_1792404	TM4SF4	0.70	7.13	2.98	0.0036351	0.0170578	-2.61
ILMN_1793959	ADPGK	0.13	8.09	2.98	0.003642	0.0170878	-2.61
ILMN_1719392	FH	-0.16	9.55	-2.98	0.003646	0.0171044	-2.61
ILMN_2101930	POLG	-0.12	7.92	-2.98	0.0036487	0.0171146	-2.61
ILMN_1660732	PPP2R2B	0.13	6.74	2.98	0.0036672	0.0171991	-2.62
ILMN_1907042	NA	-0.15	7.45	-2.98	0.0036681	0.0172008	-2.62
ILMN_1674282	PPARD	0.16	7.26	2.98	0.0036725	0.0172195	-2.62
ILMN_1775012	BBS7	0.09	6.95	2.98	0.0036745	0.0172262	-2.62
ILMN_1798204	IL21R	0.15	6.49	2.98	0.0036781	0.017241	-2.62
ILMN_1773865	HSPA5	0.22	8.55	2.98	0.0036815	0.0172543	-2.62
ILMN_3288587	RNF181	-0.13	8.41	-2.98	0.0036835	0.0172615	-2.62
ILMN_1756573	NDUFA4L2	0.10	6.67	2.98	0.0036852	0.017267	-2.62
ILMN_2189936	RPL36AL	0.12	12.28	2.98	0.0036859	0.0172681	-2.62
ILMN_1815308	SDC1	-0.25	9.82	-2.98	0.0036871	0.0172712	-2.62
ILMN_1709399	SLC25A34	-0.26	7.44	-2.97	0.0036916	0.0172864	-2.62
ILMN_1796136	RAB37	-0.09	6.66	-2.98	0.0036918	0.0172864	-2.62
ILMN_2311020	DNAJC12	0.26	7.52	2.98	0.0036916	0.0172864	-2.62
ILMN_2362974	CASP7	-0.26	7.09	-2.97	0.0036924	0.0172866	-2.62
ILMN_2283325	WLS	-0.19	9.71	-2.97	0.003699	0.0173154	-2.63
ILMN_1679731	SLC15A4	0.12	7.42	2.97	0.0036998	0.0173166	-2.63
ILMN_1813572	IL16	0.11	6.69	2.97	0.0037169	0.0173944	-2.63
ILMN_1768732	SPAG16	-0.16	7.40	-2.97	0.0037209	0.0174107	-2.63
ILMN_1746368	SELT	-0.12	8.37	-2.97	0.0037222	0.0174145	-2.63
ILMN_1765773	DTHD1	0.07	6.47	2.97	0.0037268	0.0174334	-2.63
ILMN_1746085	IGFBP3	-0.28	9.10	-2.97	0.0037277	0.0174355	-2.63
ILMN_1716736	CD80	0.09	6.59	2.97	0.0037344	0.0174642	-2.62
ILMN_1734194	EXOSC3	0.11	7.75	2.97	0.003735	0.0174649	-2.63
ILMN_1710209	MFSD6	0.18	8.94	2.97	0.0037395	0.0174834	-2.64
ILMN_3187623	SYCE1L	-0.10	6.59	-2.97	0.0037429	0.0174971	-2.63
ILMN_1795407	NA	-0.09	6.85	-2.97	0.0037445	0.0175022	-2.64
ILMN_1693108	RUVBL1	0.13	7.24	2.97	0.0037452	0.0175029	-2.64
ILMN_1712320	DDX50	0.12	7.56	2.97	0.0037495	0.0175209	-2.64
ILMN_2402947	USP14	0.10	7.19	2.97	0.0037502	0.0175217	-2.64
ILMN_1771385	GBP4	0.26	7.57	2.97	0.0037521	0.017528	-2.64
ILMN_1719097	C18orf8	0.12	8.61	2.97	0.0037545	0.0175358	-2.64
ILMN_1798952	KDEL3	0.14	6.73	2.97	0.0037548	0.0175358	-2.63
ILMN_1655206	ZBTB34	-0.09	7.36	-2.97	0.0037613	0.0175639	-2.64
ILMN_1711853	MED24	-0.12	7.72	-2.97	0.0037705	0.0176021	-2.64
ILMN_1806463	CTAGE6	-0.18	6.98	-2.97	0.0037701	0.0176021	-2.64
ILMN_2360705	ACSL3	-0.16	9.17	-2.97	0.0037713	0.0176033	-2.64
ILMN_1774387	ZHX3	0.11	7.27	2.97	0.0037759	0.0176203	-2.64
ILMN_1808059	BCAS4	0.20	6.99	2.97	0.0037759	0.0176203	-2.64
ILMN_1694027	SES3	0.11	6.61	2.97	0.0037793	0.0176336	-2.64
ILMN_2342250	ZXDA	0.06	6.37	2.97	0.0037856	0.0176608	-2.65

ILMN_1660498	RPS27	0.14	13.71	2.97	0.0037883	0.0176707	-2.65
ILMN_1741180	HEXDC	-0.14	7.16	-2.97	0.0037975	0.0177088	-2.65
ILMN_2180582	PNPLA8	0.13	6.86	2.97	0.0037972	0.0177088	-2.65
ILMN_2241124	ADGRF1	-0.10	6.48	-2.97	0.0038006	0.0177211	-2.65
ILMN_1772329	LRRFIP2	-0.14	8.13	-2.96	0.0038136	0.017777	-2.65
ILMN_3306482	GCSH	0.13	7.87	2.96	0.0038136	0.017777	-2.65
ILMN_1663416	NA	0.14	12.98	2.96	0.0038197	0.0178018	-2.65
ILMN_1664826	FBXO33	0.13	8.37	2.96	0.00382	0.0178018	-2.65
ILMN_3195253	RPL7	0.19	9.25	2.96	0.0038237	0.017815	-2.66
ILMN_3235148	RPL23AP87	0.30	10.00	2.96	0.0038239	0.017815	-2.66
ILMN_1687279	DHPS	-0.15	7.74	-2.96	0.0038369	0.0178735	-2.66
ILMN_1704665	GPM6B	0.18	7.72	2.96	0.0038527	0.0179448	-2.66
ILMN_1792110	C10orf76	-0.13	7.92	-2.96	0.0038546	0.0179511	-2.66
ILMN_2367063	TPK1	0.11	6.71	2.96	0.0038573	0.017961	-2.66
ILMN_1688178	RRP7A	0.20	7.98	2.96	0.0038583	0.0179633	-2.66
ILMN_1654737	TRIM32	0.10	7.02	2.96	0.0038603	0.0179676	-2.66
ILMN_1655722	BCL2L15	-0.19	8.01	-2.96	0.00386	0.0179676	-2.66
ILMN_3249742	PXMP4	-0.08	6.58	-2.96	0.0038632	0.0179789	-2.67
ILMN_1804306	LYPLA2	-0.11	6.84	-2.96	0.0038759	0.0180356	-2.67
ILMN_1736234	CHTOP	-0.11	8.90	-2.96	0.003878	0.0180397	-2.67
ILMN_1770361	NA	0.08	6.43	2.96	0.0038784	0.0180397	-2.67
ILMN_1793672	SIX5	-0.11	7.36	-2.96	0.0038781	0.0180397	-2.67
ILMN_1712959	DUSP2	0.12	6.71	2.96	0.0038906	0.0180919	-2.67
ILMN_1762316	CPSF3L	-0.10	7.36	-2.96	0.0038904	0.0180919	-2.67
ILMN_1701269	ATP5C1	-0.16	9.74	-2.96	0.0038933	0.018102	-2.67
ILMN_1713143	MRPL3	0.14	10.23	2.96	0.0038955	0.0181096	-2.67
ILMN_1753353	SLBP	0.16	7.67	2.96	0.0038968	0.0181135	-2.67
ILMN_1716480	ACD	0.11	7.02	2.96	0.0038978	0.0181154	-2.67
ILMN_1658015	MBNL2	0.19	7.87	2.96	0.0039015	0.0181301	-2.67
ILMN_2380566	SIAH1	-0.12	8.09	-2.96	0.0039031	0.0181351	-2.67
ILMN_2412172	APOBEC3F	0.15	7.19	2.96	0.0039228	0.0182245	-2.67
ILMN_1754553	MED19	-0.14	8.00	-2.95	0.0039237	0.0182262	-2.68
ILMN_3245893	SNORA1	0.08	6.53	2.95	0.0039268	0.018238	-2.68
ILMN_1740633	PRF1	0.12	6.68	2.95	0.0039318	0.0182586	-2.68
ILMN_3237062	FAM47E	-0.10	6.63	-2.95	0.003933	0.0182619	-2.68
ILMN_2310896	NLRP3	0.19	6.78	2.95	0.0039343	0.0182653	-2.68
ILMN_1760441	MRPS5	-0.16	8.32	-2.95	0.0039408	0.0182932	-2.68
ILMN_1690352	ADO	0.13	8.18	2.95	0.003942	0.0182965	-2.68
ILMN_1658917	SLC1A1	-0.23	7.41	-2.95	0.0039429	0.0182978	-2.68
ILMN_1724941	CDCP1	-0.16	8.09	-2.95	0.0039442	0.0183016	-2.68
ILMN_2234970	SLC39A3	-0.11	8.06	-2.95	0.0039456	0.0183054	-2.68
ILMN_1699728	BTD	-0.12	6.80	-2.95	0.0039492	0.0183198	-2.69
ILMN_3263501	NA	-0.10	6.52	-2.95	0.0039511	0.0183261	-2.69
ILMN_1732060	ARHGAP1	0.12	9.05	2.95	0.0039539	0.0183367	-2.69
ILMN_2361603	NDRG2	-0.28	8.51	-2.95	0.0039617	0.0183679	-2.69
ILMN_3235584	TRIM66	-0.13	7.89	-2.95	0.0039615	0.0183679	-2.69
ILMN_1712719	MAP7	-0.20	9.36	-2.95	0.0039645	0.0183784	-2.69
ILMN_1695276	MAPRE2	-0.16	8.80	-2.95	0.0039655	0.0183807	-2.68

ILMN_1806030	PPL	0.12	6.88	2.95	0.0039715	0.0184058	-2.69
ILMN_2346451	ACTR3B	-0.08	6.43	-2.95	0.003973	0.0184103	-2.69
ILMN_2357770	TCEA1	0.19	8.17	2.95	0.0039768	0.0184254	-2.69
ILMN_1804597	DCAF17	0.09	6.66	2.95	0.0039815	0.0184448	-2.69
ILMN_1684959	ASTN1	0.07	6.32	2.95	0.003991	0.0184861	-2.69
ILMN_2142695	RNF4	0.11	7.40	2.95	0.0039963	0.0185086	-2.70
ILMN_1739914	ZNF618	0.07	6.42	2.95	0.0040037	0.01854	-2.70
ILMN_1811373	FAM20B	0.12	8.82	2.95	0.0040067	0.0185514	-2.69
ILMN_1806275	ADAT3	-0.10	6.93	-2.95	0.0040211	0.0186133	-2.70
ILMN_3281599	RPL3	0.12	12.39	2.95	0.0040206	0.0186133	-2.70
ILMN_1655229	SLC7A11	0.12	6.40	2.95	0.0040294	0.0186493	-2.70
ILMN_1656033	NA	-0.09	6.44	-2.95	0.0040319	0.0186583	-2.70
ILMN_1740217	HACE1	0.09	6.68	2.94	0.0040415	0.0187001	-2.71
ILMN_1759614	TMEM231	-0.10	6.64	-2.94	0.0040424	0.018702	-2.71
ILMN_1676899	YEATS2	0.09	7.72	2.94	0.0040438	0.0187034	-2.71
ILMN_1789244	SOX8	-0.28	7.30	-2.94	0.0040434	0.0187034	-2.71
ILMN_1783728	TBRG4	-0.15	8.26	-2.94	0.0040588	0.01877	-2.71
ILMN_2135175	SNORD36A	0.10	6.94	2.94	0.0040615	0.0187803	-2.71
ILMN_1751898	C12orf4	-0.12	7.36	-2.94	0.0040641	0.0187895	-2.71
ILMN_2367710	PKN1	0.12	6.95	2.94	0.0040688	0.0188088	-2.71
ILMN_3250032	XPR1	0.10	6.91	2.94	0.004074	0.0188302	-2.71
ILMN_1707631	MED10	0.13	8.31	2.94	0.0040863	0.0188821	-2.72
ILMN_2298818	RPS29	0.20	7.96	2.94	0.0040861	0.0188821	-2.72
ILMN_1664350	GBA3	-0.27	6.96	-2.94	0.0040929	0.0189098	-2.72
ILMN_1751330	RBCK1	-0.15	8.53	-2.94	0.0040934	0.0189098	-2.72
ILMN_2295747	NA	-0.08	6.40	-2.94	0.0041058	0.0189647	-2.72
ILMN_1677098	YPEL2	-0.16	7.83	-2.94	0.0041066	0.0189658	-2.72
ILMN_1672811	C1orf159	-0.09	6.70	-2.94	0.0041082	0.0189708	-2.72
ILMN_2118129	ITLN2	0.84	7.47	2.94	0.0041115	0.0189831	-2.72
ILMN_1729319	USP7	-0.10	7.99	-2.94	0.004113	0.0189878	-2.72
ILMN_1769606	PIWIL4	-0.14	7.21	-2.94	0.0041158	0.0189982	-2.72
ILMN_1691846	GOS2	0.17	6.58	2.94	0.0041186	0.0190085	-2.72
ILMN_1815292	RPL7	0.20	9.50	2.94	0.0041291	0.0190545	-2.73
ILMN_1704380	INCA1	-0.10	6.63	-2.94	0.0041331	0.0190694	-2.73
ILMN_2264625	NIPBL	-0.10	8.18	-2.94	0.0041335	0.0190694	-2.73
ILMN_1784428	MGC57346	-0.10	7.11	-2.94	0.0041342	0.0190702	-2.73
ILMN_1653613	PIGO	-0.11	7.09	-2.94	0.0041464	0.0191216	-2.73
ILMN_1722532	KDM3A	-0.15	7.58	-2.94	0.0041465	0.0191216	-2.73
ILMN_3235185	SNRNP200	-0.11	7.23	-2.94	0.0041501	0.0191358	-2.73
ILMN_2196569	NUP93	0.12	7.91	2.93	0.0041565	0.0191628	-2.73
ILMN_1761138	C9orf142	-0.16	8.70	-2.93	0.0041616	0.0191839	-2.73
ILMN_2071429	TTC39B	-0.09	6.39	-2.93	0.0041649	0.0191962	-2.73
ILMN_1771957	MAN1B1	-0.13	8.42	-2.93	0.0041685	0.0192103	-2.73
ILMN_1711414	MRPS27	0.12	8.24	2.93	0.004171	0.0192195	-2.73
ILMN_1799198	OTUB2	0.10	6.60	2.93	0.0041731	0.0192239	-2.74
ILMN_1891920	MYO1H	0.10	6.45	2.94	0.0041729	0.0192239	-2.72
ILMN_2362245	NA	0.12	8.07	2.93	0.0041754	0.019232	-2.74
ILMN_1739583	ROCK1	0.09	6.73	2.93	0.0041781	0.0192418	-2.74

ILMN_1679929	KLF13	-0.14	9.42	-2.93	0.004179	0.0192435	-2.74
ILMN_1792587	VPS4B	-0.14	10.05	-2.93	0.004186	0.0192729	-2.74
ILMN_1749516	TMEM225	-0.08	6.40	-2.93	0.0041881	0.0192801	-2.73
ILMN_2379931	PIGO	-0.13	7.46	-2.93	0.0041924	0.0192974	-2.74
ILMN_1784577	ZNF12	-0.09	7.43	-2.93	0.0041939	0.019301	-2.74
ILMN_1805158	TAF1A	0.08	6.59	2.93	0.0041943	0.019301	-2.74
ILMN_1812461	WISP2	0.09	6.51	2.93	0.0042035	0.0193409	-2.74
ILMN_1793522	PRKAB1	-0.17	8.17	-2.93	0.0042138	0.0193854	-2.74
ILMN_2384496	ST6GAL1	0.12	6.74	2.93	0.0042269	0.0194433	-2.75
ILMN_1795704	KIAA0232	-0.12	7.09	-2.93	0.0042314	0.0194614	-2.74
ILMN_1697830	MS4A1	-0.08	6.42	-2.93	0.0042387	0.0194923	-2.75
ILMN_1703079	NFS1	-0.08	6.44	-2.93	0.0042413	0.0195015	-2.75
ILMN_1696622	SLC38A6	0.12	7.10	2.93	0.0042435	0.0195092	-2.75
ILMN_2319000	MATK	-0.13	7.02	-2.93	0.0042484	0.0195292	-2.75
ILMN_1839193	NA	-0.08	6.68	-2.93	0.0042578	0.0195695	-2.75
ILMN_1776723	PHF11	0.15	9.57	2.93	0.0042694	0.0196204	-2.76
ILMN_1721116	USP10	0.12	7.75	2.93	0.0042715	0.0196273	-2.75
ILMN_1652790	CLK1	0.12	7.07	2.93	0.0042741	0.0196368	-2.76
ILMN_2342066	METRNL	-0.13	7.00	-2.92	0.0042826	0.0196733	-2.76
ILMN_3244323	LOC148413	-0.12	8.30	-2.92	0.0043019	0.0197592	-2.76
ILMN_1810107	C17orf74	-0.10	6.58	-2.92	0.0043035	0.0197639	-2.76
ILMN_1765520	MTIF2	-0.20	8.89	-2.92	0.0043089	0.0197859	-2.76
ILMN_1789342	NDUFS2	-0.09	6.86	-2.92	0.0043154	0.0198134	-2.77
ILMN_1809010	PSMC3	0.13	8.83	2.92	0.0043244	0.0198517	-2.77
ILMN_1798827	SRBD1	0.14	7.96	2.92	0.0043252	0.0198531	-2.77
ILMN_1898311	NA	-0.07	6.65	-2.92	0.0043271	0.0198592	-2.77
ILMN_1862365	NA	-0.11	6.61	-2.92	0.0043308	0.0198735	-2.77
ILMN_1686553	INTS2	0.09	7.16	2.92	0.0043344	0.0198872	-2.76
ILMN_1746561	BCL2L2	-0.15	9.10	-2.92	0.0043456	0.0199337	-2.77
ILMN_1804448	MSI2	0.10	6.67	2.92	0.0043457	0.0199337	-2.77
ILMN_1815479	NOP10	0.11	10.74	2.92	0.0043501	0.0199486	-2.77
ILMN_2049536	TRPV2	0.12	6.84	2.92	0.0043495	0.0199486	-2.77
ILMN_1660654	CDCA2	0.10	6.55	2.92	0.0043605	0.0199935	-2.77
ILMN_1723729	RSL1D1	0.15	8.52	2.92	0.0043629	0.0200021	-2.78
ILMN_1803624	TMEM147	0.14	9.14	2.92	0.0043666	0.0200161	-2.78
ILMN_1727558	NA	-0.10	6.79	-2.92	0.0043729	0.0200426	-2.78
ILMN_1728298	SBK1	-0.09	6.62	-2.92	0.004376	0.020054	-2.78
ILMN_1705201	FOXC2	0.07	6.50	2.92	0.0043816	0.0200773	-2.78
ILMN_1754753	IL6R	-0.09	6.67	-2.92	0.0044008	0.0201626	-2.78
ILMN_1698406	ORMDL1	0.10	9.49	2.91	0.0044291	0.0202895	-2.78
ILMN_1911605	FRS2	-0.12	7.79	-2.91	0.0044302	0.0202915	-2.79
ILMN_3307483	MCF2L	-0.16	7.43	-2.91	0.0044312	0.0202935	-2.79
ILMN_1678833	CCR1	0.14	6.72	2.91	0.0044322	0.0202956	-2.79
ILMN_1809323	TMEM246	-0.13	7.13	-2.91	0.0044345	0.0203034	-2.78
ILMN_1679460	PPFIBP1	0.14	7.18	2.91	0.0044359	0.0203072	-2.79
ILMN_1670570	MXI1	-0.08	6.52	-2.91	0.004441	0.0203279	-2.79
ILMN_1756878	SLC39A9	-0.11	7.07	-2.91	0.0044475	0.0203546	-2.79
ILMN_1832155	DCUN1D5	0.10	6.71	2.91	0.0044492	0.0203599	-2.79

ILMN_1801866	BRWD1	-0.15	7.18	-2.91	0.0044507	0.020364	-2.79
ILMN_2326273	CHI3L2	0.17	6.54	2.91	0.0044611	0.0204089	-2.80
ILMN_1716195	HIST1H2BG	-0.15	6.63	-2.91	0.004469	0.0204423	-2.80
ILMN_1674128	CWC22	0.11	6.59	2.91	0.0044708	0.0204478	-2.80
ILMN_1801616	EMP1	0.41	11.13	2.91	0.0044773	0.0204749	-2.80
ILMN_1762095	TMTC4	-0.12	7.49	-2.91	0.0044877	0.0205194	-2.80
ILMN_1829064	NA	0.09	6.47	2.91	0.0044882	0.0205194	-2.80
ILMN_3297126	TYMP	0.11	6.70	2.91	0.0044994	0.0205677	-2.80
ILMN_3250909	NA	-0.07	6.59	-2.91	0.0045017	0.0205757	-2.80
ILMN_2357855	NTRK2	-0.15	6.58	-2.91	0.0045132	0.0206251	-2.80
ILMN_1651365	ZBED2	0.10	6.33	2.91	0.0045144	0.0206278	-2.81
ILMN_1725246	COG8	-0.08	6.64	-2.91	0.0045158	0.0206319	-2.81
ILMN_2392370	MYH14	-0.14	7.05	-2.91	0.0045168	0.0206335	-2.81
ILMN_1722292	AVL9	0.08	6.75	2.91	0.0045246	0.0206666	-2.81
ILMN_1763887	SFI1	-0.09	6.60	-2.91	0.0045258	0.0206691	-2.81
ILMN_1801610	METRNL	-0.15	7.38	-2.91	0.004527	0.02067	-2.81
ILMN_2077550	RACGAP1	0.15	7.35	2.91	0.0045272	0.02067	-2.81
ILMN_2064132	NANP	0.10	6.37	2.91	0.0045284	0.0206702	-2.81
ILMN_3192411	OLMALINC	-0.07	6.54	-2.91	0.0045279	0.0206702	-2.81
ILMN_1660085	PRTG	-0.09	6.44	-2.91	0.0045311	0.0206797	-2.80
ILMN_2405297	NOTCH2	0.10	6.90	2.91	0.0045364	0.020701	-2.81
ILMN_1668619	FAM234B	0.08	6.48	2.91	0.0045374	0.020703	-2.81
ILMN_2343036	ZMYM5	0.08	6.52	2.90	0.0045427	0.0207243	-2.81
ILMN_1777024	PCDHAC2	-0.09	6.58	-2.90	0.0045455	0.0207345	-2.81
ILMN_1697597	EFCAB14	-0.14	9.75	-2.90	0.0045494	0.0207495	-2.81
ILMN_1715589	PLEKHA2	-0.08	6.37	-2.90	0.0045504	0.0207514	-2.81
ILMN_1652412	PHKB	-0.10	7.08	-2.90	0.0045576	0.0207801	-2.82
ILMN_1701216	BANP	-0.12	7.54	-2.90	0.0045581	0.0207801	-2.82
ILMN_1863592	NA	-0.09	6.98	-2.90	0.0045585	0.0207801	-2.82
ILMN_1722489	TFF1	0.63	10.00	2.90	0.0045688	0.0208212	-2.82
ILMN_1810942	CYP3A5	-0.31	10.23	-2.90	0.0045687	0.0208212	-2.81
ILMN_1783805	PNMA3	0.12	6.70	2.90	0.0045748	0.0208458	-2.82
ILMN_1772156	ERP44	-0.10	6.76	-2.90	0.0045808	0.0208706	-2.82
ILMN_1688231	TREM1	0.08	6.35	2.90	0.0045827	0.0208766	-2.82
ILMN_1773964	H1FX	0.14	7.46	2.90	0.004589	0.0209026	-2.82
ILMN_1758039	KRTAP13-2	-0.33	6.80	-2.90	0.0045931	0.0209185	-2.82
ILMN_1782977	UBA52	0.09	13.06	2.90	0.004594	0.0209199	-2.82
ILMN_1707336	ARPC4	-0.14	9.50	-2.90	0.0045956	0.0209243	-2.82
ILMN_1712023	SLC8A3	0.08	6.37	2.90	0.0046	0.0209414	-2.82
ILMN_1654602	SDHAP1	-0.08	6.55	-2.90	0.0046039	0.0209564	-2.82
ILMN_1670841	CPNE1	0.17	7.98	2.90	0.0046073	0.0209693	-2.83
ILMN_2214790	LAMB1	0.17	7.87	2.90	0.0046101	0.0209789	-2.83
ILMN_2151488	RMI1	-0.13	7.89	-2.90	0.0046141	0.0209931	-2.83
ILMN_2361163	SSBP3	-0.11	7.02	-2.90	0.0046144	0.0209931	-2.83
ILMN_1652857	SLC15A1	-0.19	6.62	-2.90	0.0046185	0.0210089	-2.83
ILMN_1766085	REL	0.11	6.80	2.90	0.0046298	0.0210577	-2.83
ILMN_2360784	RRBP1	-0.14	11.08	-2.90	0.0046343	0.0210753	-2.83
ILMN_1665483	PUM3	0.14	8.45	2.90	0.0046351	0.0210763	-2.83

ILMN_1659297	FZD6	0.11	7.04	2.90	0.004643	0.0211096	-2.83
ILMN_2373556	SPAST	0.14	6.97	2.90	0.004647	0.0211247	-2.83
ILMN_1694400	MSR1	0.10	6.57	2.90	0.0046484	0.0211284	-2.83
ILMN_1724734	UQCC1	-0.08	6.60	-2.90	0.0046502	0.0211339	-2.83
ILMN_1769191	GNAS	0.10	11.62	2.90	0.0046544	0.02115	-2.83
ILMN_1671048	ZNF644	-0.10	7.20	-2.90	0.0046562	0.0211525	-2.83
ILMN_1677262	NA	0.18	10.87	2.90	0.0046561	0.0211525	-2.83
ILMN_1751264	CCDC126	0.10	6.82	2.90	0.0046604	0.0211689	-2.84
ILMN_2352303	RASSF2	0.20	7.28	2.90	0.0046657	0.02119	-2.84
ILMN_1683700	TNFSF12	0.14	7.34	2.90	0.0046678	0.021194	-2.84
ILMN_1743829	ATXN2	-0.10	9.47	-2.90	0.0046677	0.021194	-2.84
ILMN_2149494	NPL	0.20	7.34	2.90	0.0046712	0.021207	-2.84
ILMN_1773148	MSANTD2	-0.11	7.20	-2.90	0.0046724	0.0212093	-2.84
ILMN_1671509	CCL3	0.23	6.72	2.89	0.0046756	0.0212185	-2.84
ILMN_1724139	TMEM123	0.17	10.27	2.89	0.0046751	0.0212185	-2.84
ILMN_1783023	C5orf51	0.14	8.64	2.89	0.0046768	0.0212208	-2.84
ILMN_1773200	CCP110	0.13	8.00	2.89	0.0046826	0.0212446	-2.84
ILMN_1686929	GPATCH3	-0.09	6.88	-2.89	0.0046886	0.0212677	-2.84
ILMN_3209399	KRT18	-0.18	7.46	-2.89	0.0046889	0.0212677	-2.84
ILMN_1806320	PPFIBP1	0.10	6.91	2.89	0.0046961	0.0212976	-2.84
ILMN_1813763	SLC20A2	-0.25	8.06	-2.89	0.0047041	0.0213309	-2.84
ILMN_1659752	AIDA	0.12	6.91	2.89	0.0047049	0.0213317	-2.84
ILMN_1681103	AQP1	0.10	6.83	2.89	0.0047112	0.0213571	-2.85
ILMN_3197767	NA	0.17	8.41	2.89	0.0047118	0.0213571	-2.85
ILMN_1684293	ANP32B	0.09	11.55	2.89	0.0047178	0.0213818	-2.85
ILMN_1659929	HNF1A	-0.08	6.49	-2.89	0.0047203	0.0213902	-2.85
ILMN_1674343	NXF3	0.17	6.85	2.89	0.0047228	0.0213989	-2.85
ILMN_2312275	SRP54	0.10	9.31	2.89	0.0047242	0.0214023	-2.85
ILMN_1794726	RNF167	-0.16	8.04	-2.89	0.0047252	0.021404	-2.84
ILMN_1664367	COQ6	-0.08	6.62	-2.89	0.0047305	0.0214251	-2.84
ILMN_2044293	KBTBD7	-0.10	7.12	-2.89	0.0047478	0.021501	-2.85
ILMN_1770206	GEMIN4	0.13	8.35	2.89	0.0047493	0.0215031	-2.85
ILMN_1789384	QSOX2	0.14	7.33	2.89	0.0047496	0.0215031	-2.85
ILMN_1729019	7-Sep	0.12	6.96	2.89	0.004754	0.0215202	-2.85
ILMN_1690689	NA	-0.09	6.53	-2.89	0.004764	0.0215626	-2.85
ILMN_1783707	SPECC1	0.09	6.58	2.89	0.0047654	0.0215662	-2.86
ILMN_1689400	CLK1	0.20	8.37	2.89	0.0047691	0.02158	-2.85
ILMN_1659343	NA	-0.14	10.57	-2.89	0.0047714	0.0215877	-2.86
ILMN_1766359	GATAD2B	0.11	7.40	2.89	0.0047754	0.0216032	-2.86
ILMN_3238676	ULBP2	0.07	6.38	2.89	0.0047764	0.0216049	-2.86
ILMN_2357976	NA	-0.10	6.50	-2.89	0.0047782	0.0216098	-2.86
ILMN_1786972	SARS	0.11	7.90	2.89	0.0047795	0.0216129	-2.86
ILMN_1754990	RPS27A	0.11	13.68	2.89	0.0047833	0.0216273	-2.86
ILMN_1748018	GORASP2	0.14	8.94	2.89	0.0047863	0.0216381	-2.86
ILMN_3308906	MIR192	-0.12	6.47	-2.89	0.0047897	0.0216505	-2.86
ILMN_1665123	NMNAT3	-0.10	6.68	-2.89	0.0047915	0.0216558	-2.86
ILMN_3281563	NA	0.17	11.04	2.89	0.0047932	0.0216608	-2.86
ILMN_1742705	SLC39A11	-0.16	8.34	-2.89	0.004796	0.0216708	-2.86

ILMN_1807359	CLEC11A	0.13	7.00	2.89	0.0048008	0.0216897	-2.86
ILMN_1710150	EED	0.09	6.75	2.89	0.004808	0.0217194	-2.86
ILMN_1843081	CCDC160	0.08	6.39	2.89	0.0048114	0.0217317	-2.86
ILMN_1686152	GGA2	0.19	7.92	2.88	0.0048207	0.0217706	-2.87
ILMN_2191568	NPRL2	-0.11	8.39	-2.88	0.0048273	0.0217976	-2.87
ILMN_1812638	ATP5L	-0.11	11.57	-2.88	0.0048361	0.0218346	-2.87
ILMN_1759359	BTF3L4	0.16	7.66	2.88	0.0048398	0.0218406	-2.87
ILMN_2343278	PLPP1	-0.16	9.15	-2.88	0.0048384	0.0218406	-2.87
ILMN_2353161	MSLN	0.47	7.94	2.88	0.00484	0.0218406	-2.87
ILMN_3231881	PTMA	0.21	7.95	2.88	0.0048397	0.0218406	-2.87
ILMN_1806782	ZNF235	-0.09	6.85	-2.88	0.0048447	0.0218593	-2.87
ILMN_3249406	URB2	0.14	7.31	2.88	0.004848	0.0218712	-2.87
ILMN_1703053	NA	-0.12	7.05	-2.88	0.0048565	0.0219068	-2.87
ILMN_2311278	ADD3	-0.21	8.09	-2.88	0.0048596	0.0219177	-2.87
ILMN_1670918	INSR	-0.09	6.54	-2.88	0.0048605	0.0219191	-2.87
ILMN_1672662	SLC20A1	0.27	9.92	2.88	0.0048612	0.0219192	-2.87
ILMN_1741585	SFMBT1	0.10	6.93	2.88	0.0048639	0.0219284	-2.87
ILMN_2334765	ARMCX3	0.12	7.28	2.88	0.0048704	0.0219552	-2.88
ILMN_2396996	PPCS	-0.14	8.99	-2.88	0.0048746	0.021971	-2.88
ILMN_1663493	NA	0.11	6.90	2.88	0.0048772	0.02198	-2.88
ILMN_1692133	ZNF226	0.07	6.54	2.88	0.0048797	0.0219881	-2.88
ILMN_1730710	ADORA3	0.26	6.99	2.88	0.0048862	0.022012	-2.88
ILMN_1787885	NUDT18	-0.11	7.34	-2.88	0.004886	0.022012	-2.88
ILMN_2412475	NA	-0.10	6.59	-2.88	0.0048929	0.0220393	-2.87
ILMN_3250614	EIF2AK1	-0.10	7.10	-2.88	0.0048973	0.0220563	-2.88
ILMN_1706817	SERP1	0.16	8.78	2.88	0.0049019	0.0220737	-2.88
ILMN_2214734	FRRS1	-0.09	6.96	-2.88	0.0049053	0.0220865	-2.88
ILMN_1718488	MMEL1	-0.10	6.60	-2.88	0.0049081	0.0220961	-2.88
ILMN_1750409	RAB9A	-0.13	9.34	-2.88	0.0049149	0.0221238	-2.88
ILMN_1747630	DEK	0.16	9.46	2.88	0.0049191	0.0221368	-2.88
ILMN_1780141	SARAF	0.10	11.59	2.88	0.0049186	0.0221368	-2.88
ILMN_1651936	KMT5A	0.10	7.43	2.88	0.0049208	0.0221416	-2.88
ILMN_1664698	UNC119	-0.14	7.28	-2.88	0.0049252	0.0221526	-2.88
ILMN_1695972	CCDC89	-0.08	6.57	-2.88	0.0049246	0.0221526	-2.89
ILMN_1729546	C19orf54	-0.11	6.99	-2.88	0.0049247	0.0221526	-2.89
ILMN_1698072	PITRM1	0.14	7.96	2.88	0.0049307	0.0221744	-2.89
ILMN_1679003	NA	-0.10	6.82	-2.88	0.0049333	0.0221836	-2.89
ILMN_1653501	SEMA3B	-0.16	7.36	-2.88	0.0049352	0.0221857	-2.89
ILMN_1788789	CHRNA7	-0.09	6.55	-2.88	0.0049357	0.0221857	-2.89
ILMN_1798690	ADAMTSL3	0.12	6.70	2.88	0.0049352	0.0221857	-2.89
ILMN_1720794	SNORD4B	0.08	6.53	2.88	0.0049393	0.0221987	-2.89
ILMN_1670708	F10	0.08	6.44	2.88	0.0049479	0.0222345	-2.89
ILMN_3306742	SIGMAR1	-0.11	7.72	-2.88	0.0049489	0.0222364	-2.89
ILMN_2279339	WTAP	0.14	9.60	2.88	0.0049528	0.0222508	-2.89
ILMN_1756723	DPP7	0.10	6.70	2.88	0.0049551	0.0222583	-2.89
ILMN_1670695	BACH2	0.11	6.71	2.87	0.0049572	0.0222588	-2.89
ILMN_1765954	HSD17B3	-0.08	6.50	-2.88	0.0049559	0.0222588	-2.89
ILMN_1785795	METAP1	-0.11	9.62	-2.87	0.0049571	0.0222588	-2.89

ILMN_3235907	XRCC6P5	-0.08	6.48	-2.87	0.0049685	0.022307	-2.89
ILMN_2112811	NA	0.10	6.81	2.87	0.0049778	0.0223455	-2.89
ILMN_1917290	LAMP2	-0.13	7.35	-2.87	0.0049889	0.0223926	-2.90
ILMN_3237665	COX7A2L	-0.13	9.93	-2.87	0.0049948	0.0224161	-2.90
ILMN_1652602	LMNTD2	-0.09	6.58	-2.87	0.0049972	0.022421	-2.89
ILMN_1752247	AKAP13	0.12	7.30	2.87	0.0049971	0.022421	-2.90
ILMN_1776325	UBE2Q1	-0.12	7.79	-2.87	0.0049978	0.022421	-2.90
ILMN_1659029	DENND6B	0.13	7.51	2.87	0.0050022	0.0224378	-2.90
ILMN_1726104	ANAPC15	-0.12	7.36	-2.87	0.0050064	0.0224506	-2.90
ILMN_2370622	F8	0.06	6.31	2.87	0.0050064	0.0224506	-2.90
ILMN_1707858	H2AFZ	0.16	11.27	2.87	0.005015	0.0224834	-2.90
ILMN_2144574	CTBS	-0.11	7.12	-2.87	0.0050149	0.0224834	-2.90
ILMN_2376416	UBXN11	0.09	6.79	2.87	0.0050174	0.022491	-2.90
ILMN_1693092	SYNPO2	0.10	6.52	2.87	0.0050187	0.0224942	-2.90
ILMN_1880406	PTEN	-0.12	10.22	-2.87	0.0050226	0.0225088	-2.90
ILMN_1669447	PYHIN1	0.17	6.71	2.87	0.0050243	0.0225113	-2.90
ILMN_2150352	CBWD5	0.15	7.56	2.87	0.0050245	0.0225113	-2.90
ILMN_1686464	SLCO4C1	-0.13	6.52	-2.87	0.0050336	0.0225492	-2.91
ILMN_1763000	ADAP2	0.19	7.59	2.87	0.0050362	0.0225577	-2.91
ILMN_1661589	CD151	-0.22	7.68	-2.87	0.0050404	0.022574	-2.91
ILMN_1654195	GCC2	-0.07	6.43	-2.87	0.0050423	0.0225795	-2.91
ILMN_1691611	HNRNPA1P1	0.21	10.58	2.87	0.0050539	0.0226282	-2.91
ILMN_2378696	GFM2	-0.09	6.57	-2.87	0.0050616	0.0226597	-2.91
ILMN_1660693	SYN1	0.06	6.25	2.87	0.0050659	0.0226761	-2.91
ILMN_1699937	NA	0.07	6.42	2.87	0.0050677	0.0226812	-2.91
ILMN_1738684	NRXN2	-0.12	6.76	-2.87	0.0050834	0.0227461	-2.91
ILMN_3231596	PLXNA4	-0.11	6.89	-2.87	0.0050835	0.0227461	-2.91
ILMN_1794707	ATHL1	0.28	7.66	2.87	0.0050846	0.022748	-2.91
ILMN_1736730	LRRC16A	-0.19	8.52	-2.87	0.0050878	0.0227593	-2.92
ILMN_2344455	G3BP1	0.17	7.48	2.87	0.0050887	0.0227603	-2.92
ILMN_2125747	NA	0.33	7.50	2.87	0.0050911	0.0227682	-2.92
ILMN_1677452	REXO4	-0.14	7.88	-2.87	0.0051021	0.0228146	-2.92
ILMN_1766171	SNF8	-0.16	8.50	-2.86	0.0051158	0.022873	-2.91
ILMN_1685761	WFDC6	-0.07	6.44	-2.86	0.00512	0.0228886	-2.92
ILMN_1665943	MAP4K1	0.36	7.81	2.86	0.005129	0.0229184	-2.92
ILMN_1702237	FKBP1A	0.12	6.85	2.86	0.0051293	0.0229184	-2.92
ILMN_1754562	ARHGEF17	0.08	6.65	2.86	0.0051299	0.0229184	-2.92
ILMN_2127722	FAM174A	0.09	6.53	2.86	0.0051306	0.0229184	-2.92
ILMN_3235325	NA	-0.08	6.78	-2.86	0.00513	0.0229184	-2.92
ILMN_3242357	NA	0.10	6.89	2.86	0.0051302	0.0229184	-2.92
ILMN_2389582	HNRNPL	0.15	8.73	2.86	0.0051349	0.0229342	-2.92
ILMN_1768077	TCTN3	-0.11	7.09	-2.86	0.0051425	0.0229655	-2.93
ILMN_1705907	NUP153	0.14	7.97	2.86	0.0051452	0.0229746	-2.92
ILMN_1717976	BCL2L14	-0.09	6.62	-2.86	0.0051544	0.0230126	-2.93
ILMN_1706376	OSBP	-0.10	9.94	-2.86	0.0051652	0.0230536	-2.93
ILMN_1731135	RAB11B	-0.07	6.51	-2.86	0.0051663	0.0230536	-2.92
ILMN_1825773	NA	-0.11	6.73	-2.86	0.0051659	0.0230536	-2.93
ILMN_3293681	PINLYP	-0.10	6.89	-2.86	0.0051651	0.0230536	-2.93

ILMN_1739641	MTMR3	0.10	8.82	2.86	0.0051704	0.0230691	-2.93
ILMN_1775432	CSMD2	0.08	6.70	2.86	0.005174	0.0230823	-2.93
ILMN_3310421	MIR1292	0.07	6.38	2.86	0.0051787	0.0231002	-2.93
ILMN_3273854	HNRNPA2B1	0.14	8.85	2.86	0.0051862	0.0231306	-2.93
ILMN_1802106	APOBEC3G	0.15	6.84	2.86	0.0051927	0.0231565	-2.93
ILMN_2169692	SCN9A	-0.08	6.43	-2.86	0.0051935	0.0231574	-2.93
ILMN_1752086	TRAPPC11	-0.11	8.54	-2.86	0.0051972	0.0231707	-2.93
ILMN_1691790	DACT2	-0.09	6.45	-2.86	0.0052008	0.0231835	-2.93
ILMN_1856009	GRIK3	-0.08	6.55	-2.86	0.0052021	0.0231865	-2.94
ILMN_1743806	MIF4GD	0.12	7.74	2.86	0.0052081	0.0232102	-2.94
ILMN_1721629	ZNF654	-0.10	7.11	-2.86	0.0052114	0.0232222	-2.93
ILMN_1741599	MEMO1	0.11	7.32	2.86	0.0052133	0.0232276	-2.94
ILMN_1702837	PSMD1	0.18	8.92	2.86	0.005214	0.0232277	-2.94
ILMN_2381064	TPD52	-0.20	8.95	-2.86	0.0052155	0.0232311	-2.94
ILMN_1663099	UBE2B	-0.07	6.68	-2.86	0.0052464	0.0233641	-2.94
ILMN_1686043	ZC2HC1C	-0.08	6.57	-2.86	0.0052474	0.0233641	-2.94
ILMN_1744275	OR2D2	-0.08	6.39	-2.86	0.005247	0.0233641	-2.94
ILMN_1692295	MYO1G	0.16	6.96	2.85	0.005262	0.0234264	-2.95
ILMN_1745860	WEE2-AS1	-0.08	6.66	-2.85	0.0052678	0.0234489	-2.95
ILMN_1709257	RIPPLY3	0.10	6.48	2.85	0.0052698	0.0234549	-2.95
ILMN_1677837	UBTFL1	-0.09	6.32	-2.85	0.0052773	0.0234821	-2.95
ILMN_1700584	IER2	0.12	7.02	2.85	0.0052769	0.0234821	-2.95
ILMN_1671992	NA	-0.18	8.67	-2.85	0.0052802	0.0234922	-2.95
ILMN_1854833	NA	0.11	7.58	2.85	0.0052902	0.0235337	-2.95
ILMN_1794927	NA	0.29	6.88	2.85	0.0052916	0.0235339	-2.95
ILMN_3284109	LOC1001293	-0.09	6.54	-2.85	0.0052915	0.0235339	-2.95
ILMN_1716821	GORASP1	-0.11	8.22	-2.85	0.005303	0.0235791	-2.95
ILMN_1718552	CXCL13	0.56	7.53	2.85	0.0053032	0.0235791	-2.95
ILMN_1665601	THAP4	-0.15	7.45	-2.85	0.0053077	0.023596	-2.95
ILMN_1696708	C14orf166	0.11	9.73	2.85	0.0053162	0.023631	-2.94
ILMN_2395932	UNC45A	0.17	8.71	2.85	0.0053198	0.0236437	-2.96
ILMN_1714296	DNAH2	0.09	6.53	2.85	0.0053264	0.0236671	-2.96
ILMN_1788439	NA	-0.11	6.80	-2.85	0.0053264	0.0236671	-2.96
ILMN_1766675	CDH6	0.08	6.52	2.85	0.0053734	0.0238696	-2.96
ILMN_1797813	SUZ12	0.13	10.21	2.85	0.0053732	0.0238696	-2.96
ILMN_2415011	DCTD	0.12	7.43	2.85	0.0053764	0.0238802	-2.97
ILMN_1798841	PLCXD3	0.08	6.50	2.85	0.0053811	0.0238977	-2.97
ILMN_1662158	RPL26L1	0.10	7.16	2.85	0.0053844	0.0239092	-2.97
ILMN_1698179	TAGLN3	0.08	6.37	2.85	0.0053913	0.0239371	-2.97
ILMN_1760335	ADPRHL1	-0.12	6.65	-2.85	0.0054008	0.0239762	-2.97
ILMN_2209180	RPRD1A	0.10	9.13	2.84	0.005412	0.0240229	-2.97
ILMN_2139761	LIMCH1	0.14	7.48	2.84	0.0054171	0.0240422	-2.97
ILMN_1721704	FNTA	-0.13	8.89	-2.84	0.0054187	0.0240462	-2.97
ILMN_1689136	NA	-0.08	6.47	-2.84	0.0054215	0.0240533	-2.97
ILMN_1725241	GSTK1	-0.15	10.79	-2.84	0.0054217	0.0240533	-2.97
ILMN_2365111	MAP4K1	0.18	6.71	2.84	0.0054235	0.0240581	-2.97
ILMN_1680378	RBM45	-0.10	7.69	-2.84	0.0054296	0.0240821	-2.97
ILMN_1700674	NA	0.20	11.86	2.84	0.0054342	0.0240994	-2.98

ILMN_1710092	ZBTB46	0.09	6.79	2.84	0.0054382	0.024114	-2.98
ILMN_1685930	DNAJC24	0.09	7.17	2.84	0.0054494	0.0241607	-2.98
ILMN_1660275	LDAH	-0.10	7.19	-2.84	0.0054614	0.0242107	-2.98
ILMN_1717357	AIFM1	-0.10	7.03	-2.84	0.0054712	0.0242509	-2.98
ILMN_1768399	ARFIP1	-0.10	6.77	-2.84	0.0054759	0.0242659	-2.98
ILMN_1775853	MAGI1	-0.10	6.73	-2.84	0.0054755	0.0242659	-2.98
ILMN_1655780	METTL10	-0.08	6.73	-2.84	0.0054881	0.0243167	-2.98
ILMN_1726456	SLC3A2	0.14	8.07	2.84	0.0055007	0.024366	-2.99
ILMN_2246510	TSC1	-0.13	8.45	-2.84	0.0055002	0.024366	-2.99
ILMN_3276019	NA	0.17	7.66	2.84	0.0055069	0.0243904	-2.99
ILMN_1666482	SP2	-0.08	7.34	-2.84	0.0055105	0.0244034	-2.99
ILMN_2410975	ATG9A	-0.14	7.92	-2.84	0.0055139	0.0244151	-2.99
ILMN_1662768	SLC9B2	0.09	6.43	2.84	0.0055257	0.0244642	-2.99
ILMN_1679357	NA	0.95	7.74	2.84	0.0055369	0.0245109	-2.99
ILMN_2193752	MBLAC2	0.08	6.63	2.84	0.0055401	0.0245185	-2.99
ILMN_2372040	MTFP1	-0.08	6.61	-2.84	0.0055397	0.0245185	-2.99
ILMN_1705515	UPF3A	-0.11	7.89	-2.84	0.0055483	0.0245517	-2.99
ILMN_1753393	OSGEP	-0.11	7.51	-2.84	0.0055511	0.0245613	-2.99
ILMN_1745885	POLR2F	-0.12	9.49	-2.84	0.0055527	0.0245649	-2.99
ILMN_1784678	PBX1	0.07	6.52	2.84	0.0055588	0.0245887	-3.00
ILMN_2348050	MRPL21	-0.18	8.49	-2.84	0.0055649	0.0246126	-3.00
ILMN_1654653	KLC1	0.10	7.41	2.84	0.0055665	0.0246164	-2.99
ILMN_1807491	LAIR2	0.20	6.71	2.83	0.0055686	0.024622	-3.00
ILMN_2292387	TANK	0.08	6.57	2.83	0.0055691	0.024622	-3.00
ILMN_2369682	HNRNPA2B1	0.12	11.56	2.83	0.0055775	0.0246556	-3.00
ILMN_1753342	SAT1	0.16	12.06	2.83	0.0055798	0.0246625	-3.00
ILMN_1706057	CS	-0.13	10.61	-2.83	0.0055914	0.0247075	-3.00
ILMN_1794442	ZNF469	0.08	6.52	2.83	0.0055912	0.0247075	-3.00
ILMN_1815303	RMDN1	0.13	7.96	2.83	0.0055969	0.0247289	-3.00
ILMN_1805466	SOX9	0.21	8.44	2.83	0.0056083	0.0247728	-3.00
ILMN_1814315	PBXIP1	0.08	6.65	2.83	0.0056078	0.0247728	-3.00
ILMN_1708502	AFF4	0.17	8.34	2.83	0.005613	0.0247879	-3.00
ILMN_1766178	DRICH1	-0.07	6.46	-2.83	0.0056132	0.0247879	-3.00
ILMN_1726967	TWSG1	0.11	7.05	2.83	0.0056176	0.0248024	-3.01
ILMN_2366391	PRDX1	0.17	11.00	2.83	0.0056179	0.0248024	-3.01
ILMN_1732705	HCFC1	0.11	9.33	2.83	0.0056262	0.0248362	-3.01
ILMN_1776724	LYPD6	-0.11	6.75	-2.83	0.0056286	0.0248432	-3.01
ILMN_1749409	HLA-J	-0.13	6.89	-2.83	0.0056344	0.0248658	-3.01
ILMN_1798753	NA	-0.09	6.41	-2.83	0.0056356	0.0248678	-3.01
ILMN_1751656	KLF11	0.18	7.98	2.83	0.0056383	0.0248733	-3.01
ILMN_2216582	LYL1	0.31	7.81	2.83	0.0056379	0.0248733	-3.01
ILMN_1811702	GRN	-0.17	8.79	-2.83	0.0056411	0.0248827	-3.01
ILMN_1710756	ENO1	0.15	11.73	2.83	0.0056446	0.0248949	-3.01
ILMN_2140910	OR5P3	-0.07	6.27	-2.83	0.0056469	0.0249019	-3.00
ILMN_1689874	HOXB3	-0.10	6.65	-2.83	0.005649	0.0249079	-3.01
ILMN_1806754	GLDC	-0.14	6.64	-2.83	0.0056497	0.0249079	-3.01
ILMN_1651652	RTN3	-0.07	6.45	-2.83	0.0056536	0.0249218	-3.01
ILMN_2046470	DAAM1	0.13	8.38	2.83	0.0056567	0.0249321	-3.01

ILMN_2124523	METTL14	-0.09	6.83	-2.83	0.0056583	0.0249362	-3.01
ILMN_1793040	ADAMTSL5	0.10	6.67	2.83	0.0056753	0.0250079	-3.01
ILMN_1767337	SFXN5	-0.12	6.96	-2.83	0.0056823	0.0250355	-3.02
ILMN_2095840	KAT6A	0.12	9.10	2.83	0.0056888	0.025061	-3.01
ILMN_2400407	CNTN1	0.07	6.41	2.83	0.0056908	0.0250666	-3.02
ILMN_1658109	ADCY10P1	-0.07	6.42	-2.83	0.0056926	0.0250713	-3.02
ILMN_1658695	NUF2	0.09	6.69	2.83	0.0057021	0.0251101	-3.02
ILMN_2330552	NA	-0.13	7.10	-2.83	0.0057065	0.0251263	-3.02
ILMN_1715173	RPS6KA1	-0.18	8.68	-2.83	0.0057097	0.0251368	-3.01
ILMN_1757914	WDR83OS	-0.09	9.41	-2.83	0.0057153	0.0251582	-3.02
ILMN_1771057	XAB2	0.12	8.26	2.83	0.0057257	0.0252012	-3.02
ILMN_3201393	BMS1	0.08	6.33	2.83	0.0057274	0.0252052	-3.02
ILMN_2089329	SPRY2	0.18	9.26	2.82	0.0057311	0.0252181	-3.02
ILMN_2406299	SEMA3B	-0.11	6.82	-2.82	0.0057368	0.0252401	-3.02
ILMN_2337336	NECTIN2	0.11	6.95	2.82	0.0057497	0.0252937	-3.03
ILMN_1751975	ALOX15B	0.08	6.42	2.82	0.0057547	0.0253124	-3.03
ILMN_2412380	TSC22D1	0.21	8.36	2.82	0.0057669	0.025363	-3.03
ILMN_1699711	DEDD	0.08	6.88	2.82	0.0057753	0.0253966	-3.03
ILMN_1694385	YWHAB	-0.09	11.45	-2.82	0.0057937	0.0254742	-3.03
ILMN_1676173	PARVB	0.07	6.38	2.82	0.0057964	0.0254827	-3.03
ILMN_1692785	KLHL21	0.10	6.70	2.82	0.0057977	0.0254855	-3.03
ILMN_3251733	C19orf43	-0.10	9.01	-2.82	0.005802	0.025501	-3.03
ILMN_1687805	RPS12	0.10	13.15	2.82	0.0058036	0.0255049	-3.03
ILMN_2044617	MTERF3	0.11	8.32	2.82	0.0058086	0.0255234	-3.04
ILMN_1795227	DYNLL1	-0.10	11.76	-2.82	0.005814	0.0255438	-3.04
ILMN_3246673	SLC35G6	-0.08	6.67	-2.82	0.0058158	0.0255487	-3.04
ILMN_3241169	ELP6	-0.11	7.65	-2.82	0.005819	0.0255594	-3.04
ILMN_1722811	CDKN1B	0.16	8.17	2.82	0.0058353	0.0256276	-3.04
ILMN_1804498	BRAT1	-0.11	8.72	-2.82	0.0058413	0.0256507	-3.04
ILMN_1675701	FAM114A2	0.07	6.54	2.82	0.0058476	0.0256752	-3.04
ILMN_1805737	PFKP	0.21	9.16	2.82	0.0058525	0.0256937	-3.04
ILMN_3190029	GUCY2GP	0.07	6.46	2.82	0.0058545	0.0256992	-3.04
ILMN_1757272	THAP1	-0.10	7.18	-2.82	0.0058565	0.0257046	-3.04
ILMN_1670975	ERICH5	-0.09	6.65	-2.82	0.0058588	0.0257114	-3.04
ILMN_2124790	NA	-0.08	6.45	-2.82	0.0058601	0.0257135	-3.04
ILMN_2193175	TIMMDC1	-0.07	6.84	-2.82	0.0058703	0.025753	-3.04
ILMN_3236259	NA	0.13	12.53	2.82	0.0058705	0.025753	-3.04
ILMN_1882045	NA	-0.09	6.46	-2.82	0.0058776	0.0257808	-3.05
ILMN_1699772	RRAGD	0.13	7.18	2.82	0.0058943	0.0258505	-3.05
ILMN_1662417	LRPPRC	-0.17	8.48	-2.81	0.0059131	0.0259297	-3.05
ILMN_1761155	PABPC1	0.12	11.92	2.81	0.0059144	0.0259322	-3.05
ILMN_2259633	KMT2E	-0.12	7.99	-2.81	0.005934	0.0260148	-3.05
ILMN_2407799	IL24	0.09	6.79	2.81	0.0059377	0.0260279	-3.06
ILMN_3187324	CNRIP1	0.09	6.61	2.81	0.0059386	0.0260286	-3.06
ILMN_3300358	ZNF84	-0.11	7.39	-2.81	0.0059524	0.0260856	-3.06
ILMN_1807825	LY86	0.20	7.20	2.81	0.0059603	0.0261167	-3.06
ILMN_1774973	SNORD21	0.09	6.66	2.81	0.0059668	0.0261419	-3.06
ILMN_1800152	MAVS	-0.12	6.68	-2.81	0.0059734	0.0261674	-3.06

ILMN_2058782	IFI27	-0.35	11.95	-2.81	0.0059741	0.0261675	-3.06
ILMN_1803143	SYVN1	0.19	9.16	2.81	0.0059878	0.0262239	-3.06
ILMN_3225624	TATDN1	-0.07	6.35	-2.81	0.0059953	0.0262534	-3.06
ILMN_2310253	TARBP2	-0.09	6.83	-2.81	0.0059972	0.0262586	-3.06
ILMN_2377733	CASP8	0.08	6.53	2.81	0.0060286	0.0263926	-3.07
ILMN_2116516	SCRN3	-0.09	6.71	-2.81	0.0060314	0.0264014	-3.07
ILMN_1707872	RUFY2	-0.07	6.63	-2.81	0.0060402	0.0264364	-3.07
ILMN_1716368	PRIMPOL	-0.09	6.99	-2.81	0.0060409	0.0264364	-3.07
ILMN_1656045	CELF6	-0.09	6.77	-2.81	0.006047	0.0264596	-3.07
ILMN_2221076	NCBP3	-0.10	7.59	-2.81	0.006055	0.0264915	-3.07
ILMN_1750880	AMN1	0.07	6.58	2.81	0.006056	0.0264924	-3.07
ILMN_1727390	ATPAF2	-0.09	6.64	-2.81	0.0060663	0.026534	-3.07
ILMN_1715703	DALRD3	-0.09	6.60	-2.80	0.0060852	0.0266134	-3.08
ILMN_1751034	ITPRIPL2	0.23	8.89	2.80	0.0060922	0.0266385	-3.08
ILMN_3300744	PRELID1	-0.21	9.18	-2.80	0.0060925	0.0266385	-3.08
ILMN_1700349	ADCK4	-0.09	6.92	-2.80	0.006094	0.0266418	-3.08
ILMN_3246590	EXOC3L1	0.09	6.43	2.80	0.0061001	0.0266652	-3.08
ILMN_3237473	NA	-0.08	6.40	-2.80	0.0061073	0.0266931	-3.08
ILMN_1669796	NA	-0.07	6.49	-2.80	0.0061168	0.0267312	-3.08
ILMN_3245697	TOMM20L	-0.06	6.46	-2.80	0.0061203	0.0267398	-3.08
ILMN_3247082	FAM150B	-0.21	7.41	-2.80	0.0061201	0.0267398	-3.08
ILMN_1810826	NAA35	-0.09	7.28	-2.80	0.0061243	0.0267539	-3.08
ILMN_1784780	CIC	0.09	7.06	2.80	0.0061291	0.0267712	-3.08
ILMN_1881052	NA	-0.08	6.60	-2.80	0.0061325	0.0267831	-3.08
ILMN_1813746	CORO2A	-0.27	8.58	-2.80	0.0061346	0.0267887	-3.08
ILMN_1660357	LINC-PINT	0.17	7.03	2.80	0.006136	0.0267914	-3.08
ILMN_1792075	CD22	0.15	6.70	2.80	0.0061386	0.0267994	-3.09
ILMN_1728163	CTDSP1	-0.13	9.06	-2.80	0.0061411	0.0268067	-3.09
ILMN_1743086	UBE2Z	-0.08	6.55	-2.80	0.0061462	0.0268258	-3.08
ILMN_3241091	TMEM164	-0.20	9.06	-2.80	0.00616	0.0268826	-3.09
ILMN_1749338	ANKRD29	0.10	6.54	2.80	0.0061646	0.0268992	-3.09
ILMN_1713749	CORO1A	0.34	7.70	2.80	0.0061667	0.0269049	-3.09
ILMN_1710863	GATAD1	-0.10	7.21	-2.80	0.0061695	0.0269138	-3.09
ILMN_1720745	NA	0.21	11.07	2.80	0.0061704	0.0269145	-3.09
ILMN_2204332	FRYL	-0.08	6.46	-2.80	0.0061748	0.02693	-3.09
ILMN_1753823	IL17D	0.09	6.69	2.80	0.006176	0.0269321	-3.09
ILMN_1808939	RPS6	0.11	12.06	2.80	0.0061787	0.0269403	-3.09
ILMN_2406439	SPTBN4	-0.13	6.95	-2.80	0.0061813	0.026948	-3.09
ILMN_3273383	NA	-0.08	6.54	-2.80	0.0061887	0.0269771	-3.09
ILMN_1684628	ZFP90	0.13	7.79	2.80	0.0061994	0.0270201	-3.09
ILMN_1800332	NGB	0.07	6.40	2.80	0.0062037	0.0270355	-3.09
ILMN_1670611	MFS6L	-0.09	6.61	-2.80	0.0062212	0.0271083	-3.10
ILMN_1732127	RBKS	-0.16	7.39	-2.80	0.0062326	0.0271549	-3.10
ILMN_2337492	RCE1	-0.08	6.70	-2.80	0.0062348	0.0271607	-3.10
ILMN_1700770	PSKH1	-0.08	6.60	-2.80	0.0062358	0.0271619	-3.10
ILMN_1737709	RPL10L	-0.12	6.89	-2.80	0.006243	0.0271899	-3.10
ILMN_1675794	DDR2	-0.07	6.45	-2.79	0.0062562	0.0272439	-3.10
ILMN_1718984	FCGBP	-0.38	11.86	-2.79	0.0062694	0.0272976	-3.10

ILMN_3272074	GABPB1	0.08	6.50	2.79	0.0062705	0.0272993	-3.10
ILMN_1654543	MED6	0.09	8.87	2.79	0.0062786	0.0273192	-3.11
ILMN_1678775	NA	0.25	11.70	2.79	0.0062791	0.0273192	-3.11
ILMN_1695917	C5orf15	-0.13	9.68	-2.79	0.006279	0.0273192	-3.11
ILMN_1729533	NAXE	-0.12	8.94	-2.79	0.0062778	0.0273192	-3.11
ILMN_1784661	TMEM2	0.14	9.08	2.79	0.0062786	0.0273192	-3.11
ILMN_2322597	LYPD5	0.08	6.51	2.79	0.0062837	0.0273357	-3.11
ILMN_1776842	NA	0.11	6.42	2.79	0.0062872	0.0273476	-3.11
ILMN_1694798	C5orf28	0.10	6.73	2.79	0.006296	0.0273801	-3.11
ILMN_1751816	MCTS1	0.14	7.44	2.79	0.0062962	0.0273801	-3.10
ILMN_1671221	GAPVD1	0.09	8.53	2.79	0.0063	0.0273931	-3.11
ILMN_1769993	LCN9	-0.06	6.30	-2.79	0.0063035	0.0274047	-3.11
ILMN_1725071	CCDC12	0.11	8.44	2.79	0.0063047	0.0274066	-3.11
ILMN_3307757	SCIMP	0.08	6.70	2.79	0.0063069	0.0274128	-3.11
ILMN_1728067	OR2F1	0.07	6.24	2.79	0.0063092	0.0274164	-3.11
ILMN_2403911	ARFIP1	-0.07	6.53	-2.79	0.0063094	0.0274164	-3.10
ILMN_1725079	TSPAN31	-0.12	8.43	-2.79	0.0063149	0.027437	-3.11
ILMN_1713086	RPL27A	0.11	13.22	2.79	0.006321	0.0274598	-3.11
ILMN_1747546	TSPAN1	-0.28	9.20	-2.79	0.0063239	0.0274692	-3.11
ILMN_1804679	KAT8	-0.08	7.38	-2.79	0.006325	0.0274707	-3.11
ILMN_1655422	RPL17	0.22	9.46	2.79	0.0063266	0.0274738	-3.11
ILMN_1810181	PCGF6	0.09	6.70	2.79	0.0063298	0.0274846	-3.11
ILMN_1788251	SNN	0.12	6.71	2.79	0.006332	0.027487	-3.11
ILMN_3240781	SNORD17	0.06	6.64	2.79	0.0063315	0.027487	-3.11
ILMN_1684168	GSTZ1	-0.09	6.63	-2.79	0.0063352	0.0274939	-3.10
ILMN_1751400	SKAP1	0.23	7.37	2.79	0.0063348	0.0274939	-3.11
ILMN_1667037	MFSD4A	-0.09	6.39	-2.79	0.0063567	0.0275838	-3.12
ILMN_1725183	TBCE	-0.10	8.31	-2.79	0.0063636	0.0276105	-3.11
ILMN_1809193	PSEN1	-0.08	6.49	-2.79	0.0063758	0.0276597	-3.12
ILMN_1703273	UACA	0.08	6.52	2.79	0.0063822	0.0276838	-3.12
ILMN_1737036	GGT7	-0.09	6.55	-2.79	0.0063894	0.0277084	-3.12
ILMN_1827211	NA	-0.14	7.16	-2.79	0.0063887	0.0277084	-3.12
ILMN_3240888	FAM184B	-0.07	6.60	-2.79	0.0063926	0.0277188	-3.12
ILMN_1753439	RPTN	0.07	6.38	2.79	0.0063957	0.0277286	-3.12
ILMN_1708805	NCOA3	0.15	9.08	2.79	0.0063966	0.027729	-3.12
ILMN_1747355	NA	0.22	6.77	2.79	0.0064083	0.0277761	-3.12
ILMN_1877156	NA	-0.08	6.46	-2.79	0.0064091	0.0277761	-3.12
ILMN_2055700	SLBP	0.15	7.51	2.79	0.0064115	0.0277832	-3.12
ILMN_3237627	LOC154761	0.07	6.56	2.79	0.0064136	0.0277889	-3.12
ILMN_1727287	PHF20L1	0.08	6.49	2.79	0.0064183	0.0278055	-3.13
ILMN_1675852	PSMA6	0.09	10.68	2.79	0.0064207	0.0278127	-3.13
ILMN_2112599	CFAP20	-0.11	8.19	-2.79	0.006423	0.0278192	-3.12
ILMN_1658884	ATP11B	-0.10	7.31	-2.79	0.0064259	0.0278244	-3.13
ILMN_1794818	LHX8	0.06	6.23	2.79	0.0064258	0.0278244	-3.13
ILMN_1846543	NA	0.08	6.43	2.78	0.0064391	0.0278784	-3.12
ILMN_2352401	ERBIN	-0.09	6.59	-2.78	0.0064549	0.027943	-3.13
ILMN_1787548	HSPG2	0.06	6.43	2.78	0.0064672	0.0279895	-3.13
ILMN_2069821	C4orf32	0.09	6.55	2.78	0.0064665	0.0279895	-3.13

ILMN_3247190	TNS1	-0.08	6.41	-2.78	0.0064757	0.0280228	-3.13
ILMN_1658677	DTX3	0.10	6.74	2.78	0.0064795	0.0280342	-3.13
ILMN_1663685	NA	-0.12	7.93	-2.78	0.0064813	0.0280342	-3.13
ILMN_1857507	NA	-0.09	6.68	-2.78	0.0064816	0.0280342	-3.13
ILMN_2160124	HAUS3	-0.08	6.42	-2.78	0.0064809	0.0280342	-3.13
ILMN_1679150	NA	-0.09	6.70	-2.78	0.0064906	0.0280589	-3.14
ILMN_1695851	PARVG	0.20	7.19	2.78	0.0064896	0.0280589	-3.14
ILMN_1738816	FOXO1	0.14	8.22	2.78	0.0064905	0.0280589	-3.13
ILMN_1788887	LINC01089	-0.12	6.77	-2.78	0.0064884	0.0280589	-3.14
ILMN_3237878	LILRA3	0.07	6.41	2.78	0.0064919	0.0280612	-3.14
ILMN_1706344	ABHD6	-0.16	7.88	-2.78	0.0064957	0.028074	-3.14
ILMN_2173975	RTP4	-0.10	6.78	-2.78	0.0065072	0.0281203	-3.14
ILMN_1661673	NA	0.08	6.48	2.78	0.006511	0.0281331	-3.14
ILMN_1767691	VPS25	-0.15	8.17	-2.78	0.00652	0.0281684	-3.14
ILMN_3245223	ZSCAN30	-0.07	6.47	-2.78	0.0065218	0.0281725	-3.14
ILMN_2366334	FERMT3	0.12	6.85	2.78	0.0065228	0.0281732	-3.14
ILMN_1778464	TRAPPC10	-0.11	7.41	-2.78	0.0065238	0.0281743	-3.14
ILMN_1678404	FBXO11	0.08	6.63	2.78	0.0065302	0.0281983	-3.14
ILMN_1789624	TPM2	0.06	6.28	2.78	0.0065365	0.0282186	-3.14
ILMN_1790472	SLC25A28	0.15	9.41	2.78	0.0065358	0.0282186	-3.14
ILMN_1766247	ZBTB2	0.07	6.60	2.78	0.0065442	0.0282483	-3.14
ILMN_1745826	KATNAL2	-0.07	6.41	-2.78	0.0065453	0.0282492	-3.14
ILMN_1813837	C9orf9	0.07	6.48	2.78	0.0065543	0.0282848	-3.14
ILMN_1805064	SCARNA9	0.18	7.36	2.78	0.0065561	0.0282868	-3.14
ILMN_3307602	EPHA10	-0.11	6.97	-2.78	0.0065564	0.0282868	-3.14
ILMN_1697670	SRRM1	0.11	10.00	2.78	0.0065635	0.0283139	-3.15
ILMN_1714600	NAV3	0.08	6.42	2.78	0.0065731	0.0283516	-3.14
ILMN_2340052	NCOR2	0.16	9.39	2.78	0.0065741	0.0283524	-3.15
ILMN_1701374	NUP35	0.11	6.96	2.78	0.0065835	0.0283891	-3.15
ILMN_1723871	OTUB1	-0.11	7.58	-2.78	0.0065893	0.0284107	-3.15
ILMN_2112128	MAPK4	0.07	6.38	2.78	0.0065901	0.0284109	-3.15
ILMN_1684653	ADGRF4	-0.09	6.34	-2.78	0.0066082	0.028485	-3.15
ILMN_2038775	TUBB2A	0.19	7.27	2.77	0.0066163	0.0285165	-3.15
ILMN_1665289	OGFOD3	-0.09	6.73	-2.77	0.0066203	0.0285301	-3.15
ILMN_1709877	TRIML1	-0.08	6.61	-2.77	0.0066263	0.0285524	-3.15
ILMN_1723021	ICMT	-0.13	7.88	-2.77	0.006628	0.0285563	-3.15
ILMN_2139396	IGDCC4	0.15	7.09	2.77	0.0066425	0.0286151	-3.16
ILMN_1682981	SMG6	-0.09	6.74	-2.77	0.0066443	0.0286192	-3.16
ILMN_2394750	EXOC4	-0.09	6.86	-2.77	0.0066453	0.02862	-3.16
ILMN_1670707	SPATA32	-0.06	6.43	-2.77	0.0066487	0.0286309	-3.16
ILMN_1778078	VPS16	-0.12	8.28	-2.77	0.0066557	0.0286575	-3.16
ILMN_1746386	HHLA1	-0.07	6.49	-2.77	0.0066585	0.0286662	-3.16
ILMN_1753819	NA	0.13	8.38	2.77	0.006672	0.0287207	-3.16
ILMN_1731616	DCLK1	0.08	6.67	2.77	0.0066802	0.0287524	-3.16
ILMN_1753862	SRP54	0.10	9.63	2.77	0.0066815	0.0287542	-3.16
ILMN_1771964	GSTA4	0.19	7.63	2.77	0.0066823	0.0287542	-3.16
ILMN_1815895	NA	0.59	8.99	2.77	0.0066987	0.0288213	-3.16
ILMN_1705414	ELP5	-0.08	6.71	-2.77	0.0067033	0.0288373	-3.16

ILMN_1740903	C7orf49	-0.10	7.17	-2.77	0.0067197	0.0289044	-3.17
ILMN_2044226	PPP3CA	0.12	6.90	2.77	0.0067218	0.02891	-3.17
ILMN_3246209	SCARNA10	0.07	6.67	2.77	0.0067387	0.028979	-3.17
ILMN_2259818	MELTF	-0.07	6.62	-2.77	0.0067403	0.028982	-3.17
ILMN_1680225	OR2L2	-0.08	6.44	-2.77	0.0067465	0.0290051	-3.17
ILMN_1675483	ANKMY1	-0.12	7.43	-2.77	0.0067706	0.0291051	-3.17
ILMN_1786186	NA	-0.10	6.88	-2.77	0.006772	0.0291074	-3.17
ILMN_2135272	GIMAP2	0.13	6.83	2.77	0.0067812	0.0291436	-3.18
ILMN_2154950	ZNF423	0.10	6.71	2.77	0.0067836	0.0291502	-3.18
ILMN_1664511	NDC80	0.12	6.96	2.77	0.0067862	0.0291514	-3.18
ILMN_1694011	WNT2	0.07	6.44	2.77	0.0067856	0.0291514	-3.18
ILMN_1751028	SERPINH1	0.20	7.85	2.77	0.0067864	0.0291514	-3.18
ILMN_1788239	AMDHD1	0.08	6.44	2.77	0.00679	0.0291631	-3.17
ILMN_1658261	MAPKBP1	0.08	6.50	2.77	0.0067945	0.0291786	-3.18
ILMN_2364376	ILK	0.11	10.37	2.77	0.006796	0.0291816	-3.18
ILMN_1742889	WDR77	0.10	7.31	2.76	0.0068091	0.029234	-3.18
ILMN_2296510	SLC5A12	-0.07	6.53	-2.76	0.0068217	0.0292847	-3.18
ILMN_2341467	PARL	-0.15	9.09	-2.76	0.0068254	0.0292968	-3.18
ILMN_1812477	DOC2A	-0.10	6.57	-2.76	0.0068301	0.0293136	-3.18
ILMN_1698007	ACKR4	0.09	6.56	2.76	0.0068442	0.0293682	-3.18
ILMN_1810327	HNRNPUL2	-0.08	9.10	-2.76	0.0068446	0.0293682	-3.18
ILMN_1678934	POLR1E	0.13	6.96	2.76	0.0068517	0.0293913	-3.18
ILMN_2174875	CCDC13	-0.08	6.57	-2.76	0.0068511	0.0293913	-3.18
ILMN_1695475	SEMA3C	-0.15	7.41	-2.76	0.0068551	0.0294026	-3.18
ILMN_2313926	CDC42SE2	-0.14	8.81	-2.76	0.0068563	0.0294037	-3.19
ILMN_2128428	DAB2	0.19	9.38	2.76	0.0068626	0.0294273	-3.19
ILMN_1759312	AMPD1	-0.19	6.86	-2.76	0.0068729	0.0294677	-3.19
ILMN_1655876	TMEM159	-0.11	7.43	-2.76	0.006877	0.0294817	-3.19
ILMN_1696830	AMPD2	0.07	6.28	2.76	0.006878	0.0294824	-3.19
ILMN_1672565	TRMT10C	0.15	7.51	2.76	0.0068838	0.0295036	-3.19
ILMN_1746693	UBTFL1	-0.07	6.38	-2.76	0.006892	0.0295347	-3.19
ILMN_1765649	IRF3	-0.12	7.85	-2.76	0.0069044	0.0295845	-3.19
ILMN_2073157	AMY2B	-0.09	6.86	-2.76	0.0069193	0.0296407	-3.19
ILMN_2223130	SMARCA5	0.12	7.68	2.76	0.0069184	0.0296407	-3.19
ILMN_1782753	LOC153684	0.09	6.77	2.76	0.0069248	0.0296609	-3.19
ILMN_2395285	SNRNP35	-0.10	7.21	-2.76	0.0069271	0.0296668	-3.19
ILMN_1716407	SORBS2	0.22	7.79	2.76	0.0069296	0.0296738	-3.19
ILMN_1799642	TRIM24	-0.10	7.38	-2.76	0.0069378	0.0297052	-3.20
ILMN_2186597	NA	-0.11	10.12	-2.76	0.0069472	0.0297419	-3.20
ILMN_1659215	CYP4B1	0.08	6.39	2.76	0.0069516	0.0297571	-3.20
ILMN_1677532	TARDBP	-0.11	7.82	-2.76	0.0069621	0.0297983	-3.20
ILMN_1694587	EEF1B2	0.18	11.43	2.76	0.0069672	0.0298145	-3.20
ILMN_1775357	NA	0.10	6.65	2.76	0.0069676	0.0298145	-3.20
ILMN_1723177	ANAPC5	-0.11	9.62	-2.76	0.0069784	0.0298571	-3.20
ILMN_1695079	ZNF101	0.07	6.58	2.76	0.0069827	0.0298717	-3.20
ILMN_1696806	NA	-0.13	7.31	-2.75	0.0070085	0.0299783	-3.20
ILMN_2128668	FOXJ3	-0.10	9.38	-2.75	0.0070097	0.0299799	-3.21
ILMN_1779416	SCUBE2	-0.11	6.70	-2.75	0.0070139	0.0299941	-3.21

ILMN_2275199	OPRM1	-0.06	6.43	-2.75	0.0070154	0.0299967	-3.21
ILMN_1695461	PTPRA	-0.08	6.59	-2.75	0.0070216	0.0300195	-3.21
ILMN_1708081	LCLAT1	0.16	8.56	2.75	0.0070302	0.0300523	-3.21
ILMN_1778425	DPP10	-0.09	6.49	-2.75	0.0070373	0.0300791	-3.21
ILMN_3307786	L3MBTL2	-0.12	7.43	-2.75	0.0070444	0.0301058	-3.21
ILMN_1763603	FAM177A1	-0.17	7.45	-2.75	0.0070534	0.0301405	-3.21
ILMN_3281767	NA	-0.06	6.37	-2.75	0.0070645	0.0301841	-3.21
ILMN_3175715	LOC286149	0.07	6.36	2.75	0.0070664	0.0301884	-3.21
ILMN_2408730	GCC2	-0.10	6.86	-2.75	0.0070727	0.0302115	-3.21
ILMN_3257566	DSTYK	0.09	7.12	2.75	0.0070739	0.030213	-3.21
ILMN_1728923	F2RL2	0.08	6.56	2.75	0.0070766	0.030221	-3.21
ILMN_1662263	NA	-0.09	7.13	-2.75	0.0070847	0.0302481	-3.21
ILMN_1775405	ARL4A	-0.21	9.15	-2.75	0.0070841	0.0302481	-3.21
ILMN_3239606	NA	-0.08	6.41	-2.75	0.007109	0.0303481	-3.22
ILMN_1800942	KCTD6	0.10	7.22	2.75	0.0071123	0.0303583	-3.22
ILMN_1896741	NA	-0.10	6.53	-2.75	0.007115	0.0303659	-3.22
ILMN_1737805	TPCN1	-0.08	6.61	-2.75	0.0071267	0.0304121	-3.22
ILMN_1683990	RSG1	-0.06	6.52	-2.75	0.0071311	0.0304235	-3.22
ILMN_3243673	LINC00111	-0.08	6.38	-2.75	0.0071306	0.0304235	-3.22
ILMN_2259223	TMTC4	-0.09	6.57	-2.75	0.0071348	0.0304355	-3.22
ILMN_2390472	TTC14	-0.11	8.12	-2.75	0.0071439	0.0304706	-3.22
ILMN_1671151	RARB	0.07	6.41	2.75	0.0071707	0.030581	-3.23
ILMN_1798533	ZNF22	0.14	8.51	2.75	0.0071729	0.0305865	-3.23
ILMN_1710989	GOLGA8S	0.22	6.72	2.75	0.0071748	0.0305907	-3.23
ILMN_1783985	COQ6	-0.10	7.70	-2.75	0.0071756	0.0305907	-3.22
ILMN_1661335	SPTBN1	-0.18	9.87	-2.75	0.0071867	0.0306343	-3.23
ILMN_2326071	MYL6	-0.10	13.13	-2.75	0.0071899	0.030644	-3.23
ILMN_1705213	TMBIM1	-0.23	9.35	-2.75	0.0071949	0.0306613	-3.23
ILMN_3237991	NA	0.19	7.77	2.74	0.0072011	0.0306841	-3.23
ILMN_1673682	GATAD2A	0.11	9.31	2.74	0.0072122	0.0307275	-3.23
ILMN_1774949	PIGP	0.15	7.09	2.74	0.0072155	0.0307302	-3.23
ILMN_2047676	OSGEPL1	-0.09	6.81	-2.74	0.0072146	0.0307302	-3.23
ILMN_3229033	NA	0.11	7.59	2.74	0.0072147	0.0307302	-3.23
ILMN_1799104	SPAG9	0.17	7.99	2.74	0.0072201	0.0307459	-3.23
ILMN_1722450	NA	-0.11	6.76	-2.74	0.0072244	0.0307608	-3.23
ILMN_2407879	SORBS2	0.20	7.73	2.74	0.007226	0.0307637	-3.23
ILMN_1657204	SAE1	0.10	10.55	2.74	0.0072445	0.0308386	-3.23
ILMN_1714710	CCDC120	0.10	7.20	2.74	0.0072589	0.0308921	-3.24
ILMN_1824898	NA	0.12	7.32	2.74	0.0072584	0.0308921	-3.24
ILMN_2397521	KDM6B	0.10	6.68	2.74	0.0072615	0.0308995	-3.24
ILMN_3203186	NA	-0.16	7.75	-2.74	0.0072672	0.0309197	-3.24
ILMN_1687319	SLCO1B3	0.15	6.43	2.74	0.007269	0.0309237	-3.24
ILMN_2374383	TSPAN17	-0.10	7.27	-2.74	0.0072703	0.0309255	-3.24
ILMN_1721415	CDYL	-0.06	6.27	-2.74	0.0072725	0.030931	-3.24
ILMN_1792415	POMGNT2	0.09	6.81	2.74	0.007278	0.0309505	-3.24
ILMN_1808591	UBE2S	0.16	7.87	2.74	0.0072863	0.0309821	-3.24
ILMN_2233513	LRRIQ4	0.10	6.47	2.74	0.0072908	0.0309975	-3.24
ILMN_1798582	GRB7	-0.06	6.31	-2.74	0.0072978	0.0310233	-3.24

ILMN_3249366	JMJD8	0.11	9.31	2.74	0.0073042	0.0310467	-3.24
ILMN_1762046	ZNF551	-0.07	6.50	-2.74	0.0073062	0.0310512	-3.24
ILMN_1665132	CD36	-0.09	6.40	-2.74	0.007317	0.031087	-3.24
ILMN_1701220	PIWIL1	0.09	6.42	2.74	0.0073162	0.031087	-3.24
ILMN_3248874	SNORD8	-0.06	6.49	-2.74	0.0073173	0.031087	-3.24
ILMN_1682098	PSMA4	0.13	9.26	2.74	0.0073277	0.0311274	-3.25
ILMN_2283398	DUSP4	0.08	6.43	2.74	0.0073367	0.0311616	-3.25
ILMN_1718268	GJB4	0.14	6.59	2.74	0.0073398	0.0311712	-3.24
ILMN_2056002	ANP32AP1	-0.15	7.14	-2.74	0.0073416	0.0311748	-3.24
ILMN_2343264	PRDM16	0.09	6.45	2.74	0.0073469	0.0311938	-3.25
ILMN_1769319	CNBP	0.15	10.08	2.74	0.0073579	0.0312365	-3.25
ILMN_1700238	ZNF500	-0.10	7.22	-2.74	0.0073708	0.0312873	-3.25
ILMN_1728055	ASTL	-0.08	6.48	-2.74	0.0073719	0.0312883	-3.25
ILMN_2062687	FARP2	-0.08	6.91	-2.74	0.0073755	0.0312997	-3.25
ILMN_2173740	ASB8	-0.14	8.14	-2.74	0.0074032	0.0314103	-3.25
ILMN_3243606	SAMD15	-0.08	7.13	-2.74	0.0074034	0.0314103	-3.25
ILMN_1888359	BMPR1B	0.12	6.60	2.73	0.0074063	0.0314185	-3.25
ILMN_1716056	LMF2	0.13	7.80	2.73	0.0074076	0.0314203	-3.25
ILMN_1821887	NA	0.16	7.62	2.73	0.0074125	0.0314372	-3.26
ILMN_1789599	NA	-0.18	10.71	-2.73	0.0074135	0.0314377	-3.26
ILMN_1682494	RSRC1	0.11	7.01	2.73	0.0074162	0.031445	-3.26
ILMN_2194649	TADA1	-0.08	7.47	-2.73	0.0074212	0.0314588	-3.26
ILMN_2307032	OSBPL5	0.14	7.72	2.73	0.0074207	0.0314588	-3.26
ILMN_1698752	NLRX1	-0.09	6.71	-2.73	0.0074311	0.0314941	-3.26
ILMN_1705562	MTCL1	0.09	6.49	2.73	0.007432	0.0314941	-3.25
ILMN_3241670	ARIH2OS	-0.07	6.47	-2.73	0.0074323	0.0314941	-3.26
ILMN_1683416	MUC6	-0.07	6.44	-2.73	0.0074485	0.0315587	-3.26
ILMN_1716524	RAB7A	-0.09	10.74	-2.73	0.0074603	0.0316051	-3.26
ILMN_1651428	SYTL2	-0.13	6.92	-2.73	0.0074657	0.0316229	-3.26
ILMN_1684574	NA	-0.07	6.39	-2.73	0.0074664	0.0316229	-3.26
ILMN_1775016	MPZL2	-0.14	7.34	-2.73	0.0074676	0.0316241	-3.26
ILMN_1872605	NA	0.07	6.41	2.73	0.007474	0.0316473	-3.26
ILMN_1718023	APEH	-0.14	9.39	-2.73	0.0074774	0.0316581	-3.26
ILMN_1665060	CCDC121	-0.09	6.66	-2.73	0.0074871	0.0316946	-3.26
ILMN_1784822	PPP1R3F	0.07	6.52	2.73	0.0074879	0.0316946	-3.26
ILMN_1812062	SGPP2	-0.10	6.86	-2.73	0.0075111	0.031789	-3.27
ILMN_1702443	DNMBP	-0.07	6.62	-2.73	0.0075252	0.0318446	-3.26
ILMN_1695135	GCM1	-0.08	6.63	-2.73	0.0075325	0.0318683	-3.27
ILMN_3193623	NA	0.23	8.71	2.73	0.0075326	0.0318683	-3.27
ILMN_1668465	TLDC1	-0.08	6.45	-2.73	0.007535	0.0318745	-3.27
ILMN_1767722	AFTPH	-0.10	7.00	-2.73	0.0075365	0.0318769	-3.27
ILMN_1661800	NA	-0.10	6.50	-2.73	0.0075461	0.0319137	-3.27
ILMN_1663002	STOML2	-0.09	9.75	-2.73	0.0075566	0.0319542	-3.27
ILMN_1803278	PGM5	0.09	6.45	2.73	0.0075692	0.0320009	-3.27
ILMN_1871457	NA	0.10	6.82	2.73	0.0075695	0.0320009	-3.27
ILMN_1726308	ST13P4	0.13	8.46	2.73	0.0075706	0.0320015	-3.27
ILMN_1660021	PLIN3	0.17	10.62	2.73	0.0075736	0.0320104	-3.27
ILMN_1793203	MIEF1	-0.12	7.99	-2.73	0.0075749	0.032012	-3.27

ILMN_1654065	ATOH8	0.09	6.65	2.73	0.0075841	0.0320469	-3.28
ILMN_1675365	LARP4	-0.09	6.85	-2.73	0.0075872	0.032056	-3.28
ILMN_1343291	EEF1A1	0.10	14.00	2.73	0.0075913	0.0320645	-3.28
ILMN_1680341	PPIE	-0.11	7.44	-2.73	0.007592	0.0320645	-3.27
ILMN_3239162	SNORA31	0.07	6.44	2.73	0.0075905	0.0320645	-3.28
ILMN_1752455	DOCK5	-0.11	6.96	-2.73	0.0076036	0.0321093	-3.28
ILMN_3248627	CHRM3	0.10	6.56	2.73	0.0076061	0.0321159	-3.28
ILMN_2160476	CCL22	0.16	6.63	2.72	0.0076323	0.0322229	-3.28
ILMN_3239426	GPN3	0.13	7.43	2.72	0.0076609	0.0323398	-3.29
ILMN_1730307	MED16	-0.10	7.14	-2.72	0.0076623	0.0323417	-3.28
ILMN_1745513	MCAT	-0.10	6.86	-2.72	0.007669	0.0323656	-3.29
ILMN_1670554	WDR78	-0.07	6.41	-2.72	0.0076722	0.0323755	-3.28
ILMN_1738783	GDF9	-0.08	6.50	-2.72	0.0076879	0.0324375	-3.29
ILMN_1691539	LAT	0.10	6.82	2.72	0.0076965	0.0324661	-3.29
ILMN_1769580	PRSS35	0.10	6.55	2.72	0.0076965	0.0324661	-3.29
ILMN_1790533	PHACTR2	-0.11	8.30	-2.72	0.0077005	0.0324789	-3.29
ILMN_2412761	MAFG	0.09	6.72	2.72	0.0077024	0.032483	-3.29
ILMN_1767070	VN1R5	-0.07	6.49	-2.72	0.0077193	0.03255	-3.29
ILMN_2290007	NELFB	-0.06	6.73	-2.72	0.0077281	0.0325831	-3.29
ILMN_2098446	PMAIP1	0.11	6.65	2.72	0.0077316	0.0325941	-3.29
ILMN_2136133	PABPC1	0.18	9.48	2.72	0.0077334	0.0325977	-3.29
ILMN_2376553	SLC23A1	-0.08	6.56	-2.72	0.0077403	0.0326228	-3.29
ILMN_3235780	NA	0.06	6.46	2.72	0.0077443	0.0326356	-3.29
ILMN_1655827	COPS2	0.11	6.93	2.72	0.0077465	0.0326409	-3.30
ILMN_1754658	NA	0.09	6.56	2.72	0.0077793	0.032766	-3.30
ILMN_1768311	NA	-0.17	11.40	-2.72	0.00778	0.032766	-3.30
ILMN_2050654	SAV1	0.10	6.75	2.72	0.00778	0.032766	-3.30
ILMN_2175894	HNRNPR	0.13	9.97	2.72	0.0077792	0.032766	-3.30
ILMN_2128162	SIPA1L1	-0.08	6.67	-2.72	0.0077831	0.0327751	-3.30
ILMN_1796069	CBLN2	-0.10	6.57	-2.72	0.0077927	0.0328105	-3.30
ILMN_1819384	VTRNA1-3	0.11	6.60	2.72	0.0077934	0.0328105	-3.30
ILMN_2064917	AGGF1	-0.11	8.25	-2.72	0.007821	0.0329226	-3.30
ILMN_2055165	MRFAP1	0.14	9.63	2.72	0.0078223	0.0329241	-3.30
ILMN_1808811	SBNO2	0.14	7.09	2.72	0.007824	0.0329274	-3.30
ILMN_2334760	ARMCX3	0.16	8.12	2.72	0.0078316	0.0329553	-3.30
ILMN_1686083	MAGEA11	-0.08	6.39	-2.71	0.0078377	0.0329767	-3.31
ILMN_1738989	SYBU	-0.16	8.03	-2.71	0.0078403	0.0329798	-3.31
ILMN_2173919	MYO9A	-0.10	7.59	-2.71	0.0078403	0.0329798	-3.31
ILMN_1724826	DNM1L	0.09	7.02	2.71	0.00786	0.0330588	-3.31
ILMN_1671600	EPS8L1	0.13	7.10	2.71	0.0078695	0.0330907	-3.31
ILMN_2410713	FGFR4	-0.13	7.10	-2.71	0.0078692	0.0330907	-3.31
ILMN_1813260	TIMM17B	-0.10	7.37	-2.71	0.0078713	0.0330941	-3.31
ILMN_1656904	SLC1A4	0.09	6.77	2.71	0.0078746	0.0331037	-3.31
ILMN_2311041	MRPL52	-0.10	7.21	-2.71	0.0078776	0.0331124	-3.31
ILMN_2350801	SLC25A29	0.08	6.71	2.71	0.0078821	0.0331273	-3.31
ILMN_2380967	DNASE1L1	0.11	7.67	2.71	0.0078849	0.0331351	-3.31
ILMN_1682037	FBXL8	-0.07	6.51	-2.71	0.0078869	0.0331354	-3.31
ILMN_1743340	CHST14	0.08	6.67	2.71	0.0078861	0.0331354	-3.31

ILMN_1711823	FAAP100	-0.14	8.59	-2.71	0.007891	0.0331447	-3.31
ILMN_1753584	KRT8	-0.28	11.24	-2.71	0.0078902	0.0331447	-3.31
ILMN_1815519	EPN2	0.10	7.23	2.71	0.0078983	0.0331712	-3.31
ILMN_3194432	SPTB	-0.08	6.43	-2.71	0.0079004	0.033176	-3.31
ILMN_1662658	PUS1	0.14	8.49	2.71	0.0079022	0.0331795	-3.31
ILMN_1657606	ZFHX4	0.08	6.29	2.71	0.0079073	0.0331969	-3.31
ILMN_1685062	REG3G	0.08	6.29	2.71	0.0079141	0.0332213	-3.31
ILMN_1668876	HECTD2	0.09	6.58	2.71	0.0079151	0.0332215	-3.31
ILMN_1748730	CTRC	0.08	6.52	2.71	0.00792	0.0332379	-3.31
ILMN_2207726	FAM46D	-0.08	6.53	-2.71	0.0079238	0.0332498	-3.31
ILMN_2314169	PTHLH	0.06	6.52	2.71	0.0079308	0.033275	-3.32
ILMN_1715635	ATP6V0E1	-0.12	10.18	-2.71	0.0079418	0.0333172	-3.32
ILMN_1779706	TP53BP2	0.12	7.63	2.71	0.007972	0.0334398	-3.32
ILMN_1733841	TCF7L1	0.07	6.42	2.71	0.0079803	0.0334708	-3.32
ILMN_1724148	ORAI1	0.08	6.68	2.71	0.0079939	0.0335238	-3.32
ILMN_1696189	KCNAB1	0.06	6.50	2.71	0.0079986	0.0335391	-3.32
ILMN_1794501	HAS3	0.33	7.23	2.71	0.0080055	0.0335642	-3.32
ILMN_2167011	ECHDC1	-0.16	7.51	-2.71	0.0080069	0.0335657	-3.32
ILMN_1694757	CTSL	0.11	6.70	2.71	0.0080097	0.0335736	-3.33
ILMN_1676280	NSUN3	-0.10	7.06	-2.71	0.0080108	0.0335741	-3.33
ILMN_1797933	MRPL17	0.13	8.90	2.71	0.0080179	0.0335955	-3.33
ILMN_1810055	FAM234A	-0.15	8.52	-2.71	0.0080178	0.0335955	-3.33
ILMN_2336982	NPTN	-0.11	10.95	-2.71	0.0080243	0.0336183	-3.33
ILMN_2113074	UFM1	0.12	7.57	2.71	0.0080316	0.0336448	-3.33
ILMN_2135321	CHDH	-0.09	6.57	-2.71	0.0080354	0.0336566	-3.33
ILMN_1783835	NA	-0.07	6.53	-2.71	0.00805	0.0337137	-3.32
ILMN_1693233	KIAA0513	-0.13	7.46	-2.71	0.008051	0.0337138	-3.33
ILMN_1726981	VEGFB	0.19	9.77	2.70	0.0080571	0.0337355	-3.33
ILMN_1731928	LY9	0.15	6.70	2.70	0.0080767	0.0338132	-3.33
ILMN_1692473	PRMT1	0.16	8.68	2.70	0.008095	0.033886	-3.33
ILMN_1706779	LIG1	-0.12	7.25	-2.70	0.0081099	0.0339441	-3.34
ILMN_1712027	RSBN1L	-0.09	7.54	-2.70	0.0081334	0.0340377	-3.34
ILMN_1727300	ZNF444	-0.10	7.13	-2.70	0.0081343	0.0340377	-3.34
ILMN_2374778	DUT	-0.11	7.24	-2.70	0.0081389	0.0340531	-3.33
ILMN_1757370	SMPD1	-0.15	7.01	-2.70	0.0081402	0.0340541	-3.34
ILMN_3241979	TMEM179B	-0.10	8.55	-2.70	0.0081422	0.0340585	-3.34
ILMN_2202790	MCFD2	0.07	6.42	2.70	0.0081455	0.0340641	-3.34
ILMN_2404063	APP	-0.23	9.60	-2.70	0.0081453	0.0340641	-3.34
ILMN_1740587	RPS11	0.11	13.23	2.70	0.0081487	0.0340701	-3.34
ILMN_1804812	ANAPC1	0.15	8.06	2.70	0.0081489	0.0340701	-3.34
ILMN_2333440	TM9SF1	-0.07	6.80	-2.70	0.0081516	0.0340773	-3.34
ILMN_1794780	SHARPIN	-0.11	6.95	-2.70	0.0081579	0.0340992	-3.34
ILMN_1719343	WDR26	0.12	8.23	2.70	0.0081723	0.0341553	-3.34
ILMN_1794505	SHFM1	0.10	7.32	2.70	0.0081747	0.0341614	-3.34
ILMN_1791656	EDRF1	-0.09	7.79	-2.70	0.0081835	0.0341939	-3.34
ILMN_1669598	KMT5B	-0.13	7.42	-2.70	0.0081916	0.0342236	-3.35
ILMN_1699610	CCT6B	0.09	6.93	2.70	0.0082143	0.0343142	-3.35
ILMN_2331266	NUMB	-0.09	10.09	-2.70	0.0082175	0.0343234	-3.35

ILMN_1810780	NA	-0.08	6.47	-2.70	0.0082214	0.0343358	-3.35
ILMN_1804090	SLC25A10	-0.19	7.51	-2.70	0.0082239	0.0343419	-3.35
ILMN_1783621	CMPK2	-0.08	6.53	-2.70	0.008241	0.0344091	-3.35
ILMN_1672720	PRSS12	-0.10	6.95	-2.70	0.0082571	0.0344721	-3.35
ILMN_1795007	C2orf47	-0.12	8.67	-2.70	0.0082611	0.0344848	-3.35
ILMN_3200830	CCT6P3	0.14	9.62	2.70	0.008264	0.0344926	-3.35
ILMN_2166534	STK17B	0.07	6.34	2.70	0.0082826	0.034566	-3.36
ILMN_1666933	ASH2L	-0.11	8.69	-2.69	0.0082876	0.0345829	-3.36
ILMN_1755487	TTC28	0.08	6.54	2.69	0.0082938	0.0346046	-3.36
ILMN_1705871	DDHD2	0.10	7.79	2.69	0.0083037	0.0346417	-3.36
ILMN_1792571	ARHGEF15	0.06	6.36	2.69	0.0083067	0.0346498	-3.36
ILMN_3248961	MAPK1IP1L	-0.09	6.64	-2.69	0.008308	0.0346512	-3.36
ILMN_1700923	ATG4C	0.12	7.37	2.69	0.0083135	0.0346699	-3.36
ILMN_1751345	AP1S1	-0.18	7.84	-2.69	0.0083339	0.0347507	-3.36
ILMN_3178252	RPS29	0.19	11.92	2.69	0.0083562	0.0348397	-3.36
ILMN_1669931	TM9SF3	-0.11	9.68	-2.69	0.0083673	0.0348815	-3.36
ILMN_3239217	TOMM40	-0.07	6.55	-2.69	0.0083688	0.0348837	-3.36
ILMN_2050790	NA	-0.08	6.64	-2.69	0.0083866	0.0349537	-3.36
ILMN_1716370	TNS4	0.06	6.40	2.69	0.0083968	0.0349917	-3.37
ILMN_1744534	LYRM5	0.10	8.45	2.69	0.0083978	0.0349917	-3.37
ILMN_3309534	MIR25	-0.09	6.59	-2.69	0.0084156	0.0350618	-3.37
ILMN_2096322	ADIPOR1	0.10	7.73	2.69	0.0084187	0.0350704	-3.37
ILMN_3310326	MIR221	0.18	6.77	2.69	0.0084228	0.0350835	-3.37
ILMN_1652736	RPS6KA3	-0.18	7.96	-2.69	0.0084297	0.035108	-3.37
ILMN_1670561	TCEAL8	-0.11	7.25	-2.69	0.0084322	0.0351138	-3.37
ILMN_1699440	ZBTB47	0.08	6.55	2.69	0.008438	0.0351337	-3.37
ILMN_1753139	ZG16B	-0.25	7.71	-2.69	0.0084402	0.0351388	-3.37
ILMN_1748923	SMC2	0.10	6.90	2.69	0.008442	0.0351419	-3.37
ILMN_2399769	WLS	-0.14	8.18	-2.69	0.0084631	0.0352257	-3.37
ILMN_1779015	ZNF467	0.11	7.00	2.69	0.0084714	0.0352558	-3.38
ILMN_1668507	DDAH1	-0.15	9.56	-2.69	0.0084807	0.0352869	-3.38
ILMN_2169856	C12orf43	0.09	6.73	2.69	0.0084809	0.0352869	-3.38
ILMN_1679721	CYB561	-0.07	6.66	-2.69	0.0084841	0.0352961	-3.38
ILMN_1706273	MOB2	-0.09	7.36	-2.69	0.0085012	0.035363	-3.38
ILMN_1670504	NA	-0.06	6.44	-2.68	0.0085288	0.0354733	-3.38
ILMN_3225941	NA	0.09	12.70	2.68	0.0085386	0.03551	-3.38
ILMN_1684549	RBM39	-0.08	6.59	-2.68	0.0085416	0.035518	-3.38
ILMN_1735180	NCSTN	-0.09	9.89	-2.68	0.0085653	0.0356123	-3.39
ILMN_1660658	MUC12	-0.17	6.94	-2.68	0.0085766	0.0356551	-3.39
ILMN_1716895	RPA3	0.15	9.55	2.68	0.0085796	0.0356631	-3.38
ILMN_3243248	SNORD87	0.07	6.60	2.68	0.0085917	0.0357093	-3.39
ILMN_1823112	NA	-0.08	6.72	-2.68	0.0086227	0.0358339	-3.39
ILMN_1702384	ZNF706	-0.12	7.75	-2.68	0.0086329	0.0358719	-3.39
ILMN_1765923	OGFOD3	-0.10	6.83	-2.68	0.0086471	0.0359265	-3.39
ILMN_3213640	NA	0.08	6.73	2.68	0.0086541	0.0359513	-3.39
ILMN_1655405	SCARF2	0.09	6.62	2.68	0.0086648	0.0359914	-3.40
ILMN_1701434	RAP1B	0.14	7.45	2.68	0.0086824	0.0360601	-3.40
ILMN_3239055	TMEM208	0.11	7.53	2.68	0.0086869	0.0360746	-3.40

ILMN_2347805	EXOC1	-0.12	8.24	-2.68	0.0086925	0.0360935	-3.40
ILMN_1780618	TMEM192	-0.10	6.82	-2.68	0.0086936	0.0360937	-3.40
ILMN_1779333	MSRB3	0.09	6.39	2.68	0.0086979	0.0360982	-3.40
ILMN_1794349	XYLB	-0.09	6.80	-2.68	0.0086977	0.0360982	-3.40
ILMN_2389013	ADRM1	0.10	7.59	2.68	0.0086965	0.0360982	-3.40
ILMN_1672057	NA	-0.11	6.67	-2.68	0.0087	0.0361029	-3.40
ILMN_1674151	NA	-0.10	6.90	-2.68	0.0087137	0.0361553	-3.40
ILMN_1687419	DHX8	0.07	6.76	2.68	0.0087151	0.0361565	-3.40
ILMN_1796926	PABPC5	-0.10	7.45	-2.68	0.0087218	0.0361803	-3.40
ILMN_1672022	EPHA4	-0.13	7.15	-2.68	0.0087255	0.0361865	-3.40
ILMN_1735052	ULK1	0.14	8.60	2.68	0.0087253	0.0361865	-3.40
ILMN_2377459	CYTH2	-0.12	7.15	-2.68	0.0087295	0.0361991	-3.40
ILMN_1654566	HSPA1L	0.08	6.64	2.68	0.0087332	0.03621	-3.40
ILMN_1755664	RPS26	-0.06	6.50	-2.68	0.0087439	0.0362501	-3.40
ILMN_1749612	IMMP1L	-0.09	7.41	-2.68	0.0087474	0.0362601	-3.40
ILMN_1691501	LINC00597	-0.10	6.73	-2.68	0.0087494	0.0362642	-3.40
ILMN_1733324	ITGB3	0.07	6.47	2.68	0.0087564	0.0362887	-3.41
ILMN_1700685	S100BPB	0.07	6.72	2.67	0.0087642	0.0363166	-3.41
ILMN_1862963	LINC01128	-0.09	6.67	-2.67	0.0087701	0.0363365	-3.41
ILMN_2405190	VAPA	0.09	6.44	2.67	0.0088152	0.0365192	-3.41
ILMN_1739805	NDE1	0.16	8.26	2.67	0.0088299	0.0365759	-3.41
ILMN_1693148	ACAN	0.07	6.27	2.67	0.0088358	0.0365957	-3.41
ILMN_1755792	STK38L	-0.12	7.02	-2.67	0.0088392	0.0366054	-3.41
ILMN_1664577	DLD	-0.14	8.76	-2.67	0.0088593	0.0366761	-3.42
ILMN_1712678	RPS27L	0.09	11.56	2.67	0.0088595	0.0366761	-3.42
ILMN_1803560	LAT2	0.20	7.09	2.67	0.008858	0.0366761	-3.42
ILMN_3258190	NA	0.07	6.34	2.67	0.0088657	0.0366975	-3.42
ILMN_2340131	MAPK10	0.06	6.33	2.67	0.0088801	0.0367528	-3.42
ILMN_2371119	EPHA6	-0.06	6.27	-2.67	0.0088826	0.0367588	-3.42
ILMN_1736539	ALDH1L2	0.10	6.75	2.67	0.0088875	0.0367745	-3.42
ILMN_1714418	FAM101B	0.07	6.57	2.67	0.0088947	0.0367998	-3.42
ILMN_1658143	RFC3	0.09	6.55	2.67	0.0088967	0.0368037	-3.42
ILMN_1730658	YTHDF2	0.10	8.89	2.67	0.0089015	0.0368192	-3.42
ILMN_2110084	ZNF124	-0.08	6.56	-2.67	0.0089115	0.0368519	-3.42
ILMN_2157219	AASS	0.08	6.59	2.67	0.0089109	0.0368519	-3.42
ILMN_1754988	N6AMT1	-0.07	6.73	-2.67	0.008932	0.0369319	-3.42
ILMN_1810810	EEF1A1	0.12	13.81	2.67	0.008941	0.036965	-3.42
ILMN_3241257	POLR3E	0.15	7.77	2.67	0.0089469	0.0369849	-3.42
ILMN_2394027	CLK3	-0.08	6.75	-2.67	0.0089525	0.0370037	-3.42
ILMN_1898223	NA	-0.07	6.54	-2.67	0.0089588	0.0370251	-3.43
ILMN_1753457	PKP3	-0.11	6.79	-2.67	0.0089676	0.037057	-3.43
ILMN_2350607	NDUF5	-0.10	7.61	-2.67	0.0089699	0.037062	-3.43
ILMN_1677953	OGFOD1	0.11	7.88	2.67	0.0089731	0.0370693	-3.43
ILMN_1693218	ART3	0.12	6.58	2.67	0.0089742	0.0370693	-3.43
ILMN_2340217	PTPRC	0.12	6.61	2.67	0.0089749	0.0370693	-3.43
ILMN_1797406	PSMB11	-0.16	6.81	-2.67	0.0089769	0.0370732	-3.43
ILMN_1738751	LOC728175	-0.09	6.62	-2.67	0.0089942	0.0371401	-3.42
ILMN_1700413	MAFF	0.11	6.51	2.67	0.0089967	0.0371462	-3.43

ILMN_1730685	MRPL16	-0.11	8.77	-2.66	0.0090112	0.0372015	-3.43
ILMN_1714067	NTRK2	-0.23	6.86	-2.66	0.0090206	0.037236	-3.43
ILMN_1728331	ACPT	-0.07	6.59	-2.66	0.009022	0.037237	-3.43
ILMN_1726459	NPAS4	0.07	6.49	2.66	0.0090299	0.0372654	-3.43
ILMN_1813796	TMEM169	0.08	6.49	2.66	0.0090318	0.0372687	-3.43
ILMN_1716053	AK2	-0.12	9.66	-2.66	0.009035	0.0372776	-3.43
ILMN_1723414	HACL1	0.12	8.28	2.66	0.0090545	0.0373536	-3.44
ILMN_3242176	UBR3	0.09	7.46	2.66	0.0090562	0.0373559	-3.44
ILMN_1696003	GNAI3	0.12	7.26	2.66	0.0090621	0.0373746	-3.44
ILMN_1758719	NEDD9	-0.10	7.53	-2.66	0.0090629	0.0373746	-3.44
ILMN_1651438	ZFPM1	-0.10	7.30	-2.66	0.009068	0.0373868	-3.43
ILMN_1710758	RNF20	-0.11	8.31	-2.66	0.0090679	0.0373868	-3.44
ILMN_1688725	UTP14A	0.11	7.16	2.66	0.0090727	0.0374017	-3.44
ILMN_1679405	DDX56	-0.13	8.21	-2.66	0.0090807	0.0374304	-3.43
ILMN_2267488	ITGA6	0.07	6.48	2.66	0.0090938	0.0374796	-3.43
ILMN_1801303	AMY2A	-0.17	7.79	-2.66	0.009101	0.037505	-3.44
ILMN_1672660	MBP	0.12	9.39	2.66	0.0091145	0.0375561	-3.44
ILMN_2050761	EIF4E	0.07	6.60	2.66	0.0091169	0.0375616	-3.44
ILMN_1779828	EDEM1	0.20	8.63	2.66	0.0091293	0.0376081	-3.44
ILMN_2391891	MAP2K5	-0.09	6.67	-2.66	0.0091442	0.0376649	-3.44
ILMN_1752294	PCDH9	0.09	6.54	2.66	0.0091483	0.0376774	-3.44
ILMN_1658439	TRAPPC13	-0.09	6.93	-2.66	0.0091515	0.037682	-3.44
ILMN_3249101	SDR9C7	-0.08	6.35	-2.66	0.0091516	0.037682	-3.44
ILMN_3252901	NA	-0.06	6.43	-2.66	0.0091594	0.0377097	-3.45
ILMN_1671890	UBTFL1	-0.07	6.50	-2.66	0.0091733	0.0377622	-3.44
ILMN_1813430	TRIM69	0.09	6.58	2.66	0.0091802	0.0377863	-3.45
ILMN_1701134	PTEN	-0.11	8.62	-2.66	0.0091818	0.0377881	-3.44
ILMN_2398107	ASNS	0.13	7.55	2.66	0.0091905	0.0378197	-3.44
ILMN_1672834	SSH2	0.14	8.00	2.66	0.0091939	0.0378291	-3.45
ILMN_2374076	NRDE2	-0.08	7.31	-2.66	0.0092142	0.0379078	-3.45
ILMN_1801408	GABRA4	-0.06	6.30	-2.66	0.0092194	0.0379247	-3.45
ILMN_1704305	NIP7	0.13	8.63	2.66	0.0092272	0.0379523	-3.45
ILMN_3250209	CTBP2	-0.14	7.81	-2.66	0.0092294	0.037957	-3.45
ILMN_3262439	NA	0.11	6.80	2.66	0.0092353	0.0379766	-3.45
ILMN_1759475	TAS2R39	-0.06	6.38	-2.66	0.0092377	0.0379818	-3.45
ILMN_2407824	ATP1B1	-0.19	12.01	-2.66	0.0092395	0.0379847	-3.45
ILMN_1805395	LTBP3	0.11	7.38	2.66	0.0092444	0.0380006	-3.45
ILMN_1775926	SPATA6	0.07	6.52	2.66	0.0092536	0.0380337	-3.45
ILMN_1671288	ODF2	0.07	6.66	2.65	0.0092596	0.0380537	-3.46
ILMN_3270833	NA	0.08	6.53	2.65	0.0092615	0.0380573	-3.46
ILMN_1893367	NA	-0.07	6.58	-2.65	0.0092629	0.0380585	-3.46
ILMN_1778456	LOC648987	0.09	6.47	2.66	0.0092648	0.0380618	-3.45
ILMN_2154052	KDSR	0.15	8.37	2.65	0.0092677	0.0380691	-3.46
ILMN_1691487	TRAF2	-0.08	6.69	-2.65	0.0092696	0.0380721	-3.46
ILMN_2076600	ITM2A	0.27	9.46	2.65	0.0092946	0.0381675	-3.46
ILMN_2086470	PDGFRA	0.19	9.24	2.65	0.009295	0.0381675	-3.45
ILMN_3239548	NA	-0.14	7.46	-2.65	0.0093014	0.0381893	-3.46
ILMN_1696004	LRRK1	0.12	7.23	2.65	0.0093235	0.038273	-3.46

ILMN_1706805	TRPM5	-0.08	6.39	-2.65	0.009324	0.038273	-3.46
ILMN_1815051	API5	0.11	9.05	2.65	0.0093433	0.0383474	-3.46
ILMN_1785141	MICAL2	-0.14	7.31	-2.65	0.0093527	0.0383816	-3.46
ILMN_1767894	POLB	0.12	8.07	2.65	0.0093559	0.0383901	-3.46
ILMN_2325506	BCAS4	0.22	7.02	2.65	0.0093573	0.0383912	-3.46
ILMN_2384857	DHRS2	-0.07	6.46	-2.65	0.0093627	0.038409	-3.47
ILMN_1706478	HOXA7	-0.08	6.35	-2.65	0.0093786	0.0384695	-3.47
ILMN_1795495	NA	-0.12	9.15	-2.65	0.0093992	0.0385494	-3.47
ILMN_1820572	NA	-0.09	6.90	-2.65	0.0094072	0.0385733	-3.47
ILMN_2228976	EIF1AY	0.25	7.03	2.65	0.0094062	0.0385733	-3.47
ILMN_1703009	FAM20C	0.07	6.43	2.65	0.0094087	0.0385745	-3.47
ILMN_1792682	MCTP2	-0.09	6.80	-2.65	0.0094189	0.038612	-3.47
ILMN_2269136	AGAP3	0.08	6.80	2.65	0.0094276	0.0386431	-3.47
ILMN_1668593	HPX	-0.06	6.49	-2.65	0.0094318	0.0386556	-3.47
ILMN_1694084	CYTH1	0.17	9.62	2.65	0.0094346	0.0386626	-3.47
ILMN_2229170	MED7	-0.07	6.57	-2.65	0.0094551	0.038742	-3.47
ILMN_1798975	EGFR	-0.11	7.62	-2.65	0.0094579	0.0387488	-3.47
ILMN_1772888	NA	0.16	10.13	2.65	0.0094619	0.0387604	-3.47
ILMN_1803094	PDGFD	-0.16	7.37	-2.65	0.00949	0.0388662	-3.48
ILMN_3238078	SNORA3B	0.08	6.99	2.65	0.0094899	0.0388662	-3.48
ILMN_2343310	DYNC2H1	0.11	7.06	2.65	0.0094996	0.038901	-3.48
ILMN_2218856	NA	0.17	6.48	2.65	0.0095032	0.0389113	-3.48
ILMN_1751195	ABHD17A	-0.11	7.42	-2.65	0.0095232	0.0389886	-3.47
ILMN_1699606	NA	0.08	6.74	2.64	0.0095245	0.0389893	-3.48
ILMN_1758214	RARS2	-0.09	8.21	-2.64	0.0095286	0.0390014	-3.48
ILMN_1696843	LOC613037	-0.21	9.76	-2.64	0.009534	0.039019	-3.48
ILMN_2096012	UHMK1	-0.09	7.11	-2.64	0.0095394	0.0390362	-3.48
ILMN_1667826	SERPINE3	0.06	6.49	2.64	0.0095443	0.0390515	-3.48
ILMN_1771949	TAF4B	0.07	6.57	2.64	0.0095478	0.0390612	-3.48
ILMN_1698777	ADCK1	-0.10	7.13	-2.64	0.0095521	0.0390741	-3.48
ILMN_1703524	SRP68	0.08	8.52	2.64	0.0095575	0.0390917	-3.48
ILMN_1726901	KLC1	0.11	7.17	2.64	0.0095593	0.0390943	-3.48
ILMN_2253300	TM9SF1	0.08	6.54	2.64	0.009563	0.039105	-3.48
ILMN_1811955	PRMT5	0.10	7.79	2.64	0.0095651	0.0391087	-3.48
ILMN_1702168	HSD17B12	0.19	9.58	2.64	0.0095735	0.0391386	-3.48
ILMN_1787324	ENKD1	0.11	7.92	2.64	0.0095764	0.039146	-3.49
ILMN_3289352	RPL6	0.22	8.64	2.64	0.0096098	0.0392778	-3.49
ILMN_1739558	CRELD1	-0.12	8.05	-2.64	0.0096143	0.0392913	-3.49
ILMN_1718633	LRP5L	0.12	7.72	2.64	0.0096194	0.0393077	-3.49
ILMN_1760294	ZNF417	-0.09	6.84	-2.64	0.0096217	0.0393125	-3.49
ILMN_2354211	RCC1	-0.06	6.37	-2.64	0.0096279	0.0393328	-3.49
ILMN_1727389	CDC16	-0.11	9.16	-2.64	0.0096348	0.0393567	-3.49
ILMN_1739886	HNF4A	-0.07	6.48	-2.64	0.009644	0.0393894	-3.49
ILMN_1861437	NA	-0.08	6.49	-2.64	0.0096753	0.0395125	-3.49
ILMN_1776375	PIN1	-0.10	9.14	-2.64	0.0096805	0.039529	-3.49
ILMN_1697469	SRSF6	-0.13	11.31	-2.64	0.009699	0.0396002	-3.50
ILMN_1682778	MXRA8	0.09	6.65	2.64	0.0097179	0.0396727	-3.50
ILMN_1760305	FBRSL1	-0.11	7.01	-2.64	0.0097264	0.0397027	-3.50

ILMN_1722845	RAB3B	-0.08	6.54	-2.64	0.0097281	0.0397048	-3.50
ILMN_1772700	TMEM18	-0.08	6.82	-2.64	0.0097354	0.0397299	-3.50
ILMN_1703226	KTI12	0.08	7.60	2.64	0.0097374	0.0397332	-3.50
ILMN_1658160	NA	-0.12	8.04	-2.64	0.0097606	0.0398231	-3.50
ILMN_2070044	PPM1K	0.09	6.73	2.64	0.0097642	0.0398331	-3.50
ILMN_1654583	CHD1	0.15	8.82	2.64	0.009768	0.0398439	-3.50
ILMN_2053178	ACTG1	0.11	13.64	2.64	0.0097738	0.0398629	-3.50
ILMN_1807662	IGF2R	-0.10	9.91	-2.64	0.0097803	0.0398847	-3.50
ILMN_1747195	PSMB8	0.16	8.64	2.64	0.0097842	0.0398957	-3.50
ILMN_3210538	NA	0.19	11.71	2.63	0.0097911	0.0399192	-3.51
ILMN_1673738	RPL6	0.15	10.75	2.63	0.0098009	0.0399468	-3.51
ILMN_2150856	SERPINB2	0.20	6.56	2.63	0.0097995	0.0399468	-3.51
ILMN_2243697	ZDHC13	-0.10	6.65	-2.63	0.0098013	0.0399468	-3.51
ILMN_1805833	FAM90A27P	-0.07	6.81	-2.63	0.0098071	0.0399658	-3.51
ILMN_1805792	TRIO	-0.08	7.01	-2.63	0.00982	0.0400136	-3.51
ILMN_1657754	RPAP2	-0.08	7.39	-2.63	0.0098295	0.0400476	-3.51
ILMN_1671276	FFAR3	-0.07	6.39	-2.63	0.0098368	0.040068	-3.51
ILMN_2236800	SON	0.12	7.45	2.63	0.0098368	0.040068	-3.51
ILMN_3309209	MIR495	0.07	6.35	2.63	0.0098596	0.0401559	-3.51
ILMN_1696556	URB2	0.07	6.79	2.63	0.0098614	0.0401583	-3.51
ILMN_1692739	ISLR2	0.07	6.45	2.63	0.0098674	0.040178	-3.51
ILMN_1719694	ARID1B	-0.10	7.98	-2.63	0.0098733	0.0401974	-3.51
ILMN_2150284	RNPC3	-0.13	7.43	-2.63	0.009883	0.0402323	-3.51
ILMN_1767135	SOS1	-0.13	6.83	-2.63	0.0098866	0.0402421	-3.51
ILMN_1656463	C11orf73	0.08	6.64	2.63	0.0098986	0.0402861	-3.51
ILMN_1790810	HCN4	-0.07	6.58	-2.63	0.0099014	0.040293	-3.52
ILMN_1914927	NA	0.08	6.46	2.63	0.0099128	0.0403344	-3.52
ILMN_1696302	FABP5	0.19	7.38	2.63	0.0099393	0.0404337	-3.52
ILMN_1734814	HSPA4	0.10	7.12	2.63	0.0099395	0.0404337	-3.52
ILMN_2134110	SELK	0.19	8.44	2.63	0.0099512	0.0404765	-3.52
ILMN_1805590	LSM8	-0.08	6.95	-2.63	0.0099594	0.0405043	-3.52
ILMN_1901399	NA	-0.07	6.46	-2.63	0.0099604	0.0405043	-3.52
ILMN_1814971	TCF25	-0.10	9.77	-2.63	0.0099654	0.0405196	-3.52
ILMN_1815745	SOX4	-0.09	8.44	-2.63	0.009977	0.0405622	-3.52
ILMN_2324574	RALGAPA1	-0.11	8.19	-2.63	0.0099799	0.040569	-3.52
ILMN_1738767	PLP2	0.11	7.25	2.63	0.0099839	0.0405796	-3.52
ILMN_1806023	JUN	0.26	9.61	2.63	0.0099848	0.0405796	-3.52
ILMN_2167915	DSEL	0.07	6.44	2.63	0.0099909	0.0405997	-3.52
ILMN_1668374	ITGB5	0.12	9.81	2.63	0.009995	0.0406115	-3.52
ILMN_2319544	CAMK2D	-0.08	6.73	-2.63	0.0099982	0.0406197	-3.52
ILMN_1654518	SAP25	-0.18	7.79	-2.63	0.0100098	0.040662	-3.52
ILMN_1744113	TNFAIP8L2	0.07	6.39	2.63	0.0100141	0.040672	-3.53
ILMN_2116075	TRUB2	-0.08	6.85	-2.63	0.0100146	0.040672	-3.53
ILMN_1662427	PTP4A3	0.10	6.59	2.63	0.0100167	0.0406757	-3.53
ILMN_1685427	NA	-0.09	6.59	-2.63	0.0100381	0.0407578	-3.53
ILMN_1751431	PYM1	-0.12	7.57	-2.63	0.0100412	0.0407656	-3.53
ILMN_1675191	GAPT	0.23	7.01	2.62	0.0100548	0.0408161	-3.53
ILMN_3197652	ERI2	-0.09	6.73	-2.62	0.0100589	0.0408278	-3.53

ILMN_2233334	MYH16	-0.05	6.25	-2.62	0.0100732	0.0408809	-3.53
ILMN_1698395	GNB5	0.07	6.46	2.62	0.0100786	0.0408979	-3.53
ILMN_1721978	CARD11	0.18	7.10	2.62	0.0100814	0.0409047	-3.52
ILMN_3236021	NA	0.17	8.69	2.62	0.0101065	0.0410015	-3.53
ILMN_1804445	ATF7IP2	0.11	6.97	2.62	0.0101084	0.0410046	-3.53
ILMN_1764500	BRK1	0.13	9.07	2.62	0.0101114	0.0410222	-3.53
ILMN_3247223	TPBG	0.10	6.95	2.62	0.0101165	0.0410278	-3.53
ILMN_1708485	BIN3	-0.10	7.03	-2.62	0.0101269	0.0410651	-3.54
ILMN_1799853	SPTLC1	-0.13	7.38	-2.62	0.0101308	0.041076	-3.54
ILMN_2293758	AKAP11	0.13	8.57	2.62	0.0101391	0.0411047	-3.54
ILMN_2317923	TMEM132A	0.08	6.49	2.62	0.0101403	0.0411047	-3.54
ILMN_1690473	NFKBIB	0.06	6.61	2.62	0.0101582	0.0411725	-3.54
ILMN_2143427	LGSN	-0.17	6.46	-2.62	0.0101633	0.0411885	-3.54
ILMN_1779800	MARK1	0.09	6.65	2.62	0.0101678	0.0412019	-3.54
ILMN_1708714	STMN1	-0.06	6.27	-2.62	0.0101805	0.0412483	-3.54
ILMN_2196335	ASUN	0.10	6.81	2.62	0.0101866	0.0412683	-3.54
ILMN_1798926	SOCS2	0.11	7.33	2.62	0.0101893	0.0412742	-3.54
ILMN_1693227	ZC3H7A	0.10	8.68	2.62	0.0101956	0.0412951	-3.54
ILMN_2375160	PHF7	-0.07	6.43	-2.62	0.010201	0.0413122	-3.54
ILMN_2381397	HSPD1	0.15	11.40	2.62	0.0102022	0.0413122	-3.54
ILMN_2212999	KIF5C	-0.24	7.17	-2.62	0.0102064	0.0413242	-3.54
ILMN_1680902	LINC01114	0.09	6.48	2.62	0.0102098	0.041333	-3.54
ILMN_1706644	BDNF	0.06	6.42	2.62	0.010211	0.041333	-3.54
ILMN_3298716	FOSL1	0.07	6.46	2.62	0.0102153	0.0413459	-3.54
ILMN_1750029	GABPA	-0.11	7.52	-2.62	0.0102286	0.0413897	-3.54
ILMN_2053546	RPL19	0.13	11.21	2.62	0.0102281	0.0413897	-3.54
ILMN_2115633	CD320	-0.14	7.79	-2.62	0.0102351	0.0414065	-3.54
ILMN_3245314	EVA1B	0.07	6.65	2.62	0.0102341	0.0414065	-3.54
ILMN_2215211	ZNF514	-0.12	7.50	-2.62	0.0102444	0.0414391	-3.55
ILMN_3307858	STIM2	0.10	7.09	2.62	0.0102487	0.0414518	-3.55
ILMN_2390859	NFKB2	0.11	6.80	2.62	0.0102569	0.0414798	-3.55
ILMN_1684623	ZNF197	0.06	6.31	2.62	0.0102592	0.0414802	-3.55
ILMN_1771003	HAUS4	-0.11	7.71	-2.62	0.0102594	0.0414802	-3.54
ILMN_1707380	PRELP	0.07	6.56	2.62	0.0102797	0.0415574	-3.55
ILMN_1652753	PAAF1	-0.13	7.87	-2.62	0.010293	0.0416066	-3.55
ILMN_1700477	MRPL43	-0.13	7.79	-2.62	0.0102957	0.0416125	-3.55
ILMN_2060578	INSL5	-0.57	8.03	-2.62	0.0103253	0.0417272	-3.55
ILMN_1761834	PTGER4P2-C	0.08	6.47	2.61	0.0103449	0.0418015	-3.55
ILMN_2278246	PDE11A	-0.06	6.26	-2.61	0.0103552	0.0418383	-3.56
ILMN_2240866	MASP1	0.08	6.43	2.61	0.0103614	0.0418584	-3.56
ILMN_2360229	MAPKAP1	-0.10	7.26	-2.61	0.0103654	0.0418696	-3.56
ILMN_2357944	KCNJ1	0.06	6.34	2.61	0.0103683	0.0418764	-3.56
ILMN_1782412	IRX2	0.22	6.92	2.61	0.0103813	0.0419242	-3.56
ILMN_1859701	NA	-0.08	6.75	-2.61	0.0103913	0.0419594	-3.56
ILMN_2273609	CAMSAP3	-0.08	6.55	-2.61	0.0103956	0.0419718	-3.55
ILMN_1809117	MAD2L1BP	0.06	6.26	2.61	0.0104094	0.0420228	-3.55
ILMN_2285951	PCDH11X	0.07	6.45	2.61	0.0104109	0.042024	-3.56
ILMN_2063114	TAF1D	0.07	6.47	2.61	0.0104166	0.042042	-3.56

ILMN_1753312	PLXDC2	0.12	7.31	2.61	0.0104188	0.0420461	-3.56
ILMN_1692688	NA	-0.07	6.58	-2.61	0.0104234	0.0420546	-3.56
ILMN_1729269	LOC285074	-0.08	6.78	-2.61	0.0104228	0.0420546	-3.56
ILMN_1653878	CACNB2	0.13	7.17	2.61	0.0104318	0.0420788	-3.56
ILMN_1681757	NA	0.07	6.42	2.61	0.0104309	0.0420788	-3.56
ILMN_1688404	ZMYM4	0.10	7.79	2.61	0.0104392	0.0421036	-3.56
ILMN_1702322	ALS2CL	-0.12	6.81	-2.61	0.0104503	0.0421435	-3.56
ILMN_1807737	AKAP17A	0.13	8.31	2.61	0.0104528	0.0421488	-3.56
ILMN_1742881	SYT1	0.07	6.35	2.61	0.0104612	0.0421654	-3.56
ILMN_1749362	CD28	0.10	6.58	2.61	0.0104594	0.0421654	-3.56
ILMN_2408024	PDE5A	-0.07	6.51	-2.61	0.0104619	0.0421654	-3.56
ILMN_3212373	NA	0.14	8.15	2.61	0.0104585	0.0421654	-3.56
ILMN_1729713	RAB23	0.07	6.39	2.61	0.0104728	0.0422045	-3.57
ILMN_1815878	LAMTOR1	-0.12	9.18	-2.61	0.0104932	0.0422819	-3.57
ILMN_1753773	ANAPC11	-0.06	6.52	-2.61	0.0105008	0.0423077	-3.56
ILMN_2387471	PRR36	0.10	6.59	2.61	0.0105065	0.0423256	-3.57
ILMN_3260017	HNRNPK	-0.08	6.75	-2.61	0.0105086	0.0423291	-3.57
ILMN_1711270	SUGP2	-0.12	9.78	-2.61	0.0105281	0.0424028	-3.57
ILMN_1701289	NA	0.09	6.69	2.61	0.0105329	0.042417	-3.57
ILMN_1681888	PRKAR2A	-0.12	7.22	-2.61	0.0105455	0.042458	-3.57
ILMN_1687782	RAD17	-0.08	6.95	-2.61	0.0105443	0.042458	-3.57
ILMN_2159453	STXBP2	-0.18	8.49	-2.61	0.0105748	0.0425709	-3.57
ILMN_1655921	GTF2E1	0.09	7.27	2.61	0.0105807	0.0425894	-3.57
ILMN_1766991	ABRA	-0.06	6.29	-2.61	0.010585	0.042602	-3.57
ILMN_3239378	TADA2B	-0.11	7.46	-2.61	0.0106006	0.0426597	-3.58
ILMN_2059549	SYK	0.16	8.70	2.61	0.0106105	0.0426948	-3.58
ILMN_1769027	CDC42SE1	0.11	6.92	2.61	0.0106153	0.0427091	-3.58
ILMN_1791052	FKBPL	-0.08	6.55	-2.60	0.0106192	0.0427195	-3.58
ILMN_2103720	MRPL15	-0.10	8.11	-2.60	0.0106358	0.0427816	-3.58
ILMN_1793854	INTS1	-0.09	7.05	-2.60	0.0106487	0.0428284	-3.58
ILMN_1882708	NA	-0.06	6.55	-2.60	0.0106594	0.0428663	-3.58
ILMN_1673704	INA	0.07	6.36	2.60	0.010665	0.0428838	-3.58
ILMN_1779852	FABP5P3	0.13	7.07	2.60	0.0106689	0.0428945	-3.58
ILMN_1756982	CLIC1	0.15	10.95	2.60	0.0106744	0.0429116	-3.58
ILMN_2389590	PRKAR1A	0.46	9.33	2.60	0.0106758	0.0429123	-3.58
ILMN_1676322	KDF1	-0.09	6.85	-2.60	0.0106772	0.0429129	-3.58
ILMN_1657893	TXNRD2	-0.09	7.43	-2.60	0.0107091	0.0430361	-3.59
ILMN_2373285	MSR1	0.10	6.57	2.60	0.0107161	0.0430591	-3.57
ILMN_1752682	WDR78	-0.10	6.63	-2.60	0.0107326	0.0431207	-3.58
ILMN_1668027	NDUFB4	0.13	7.38	2.60	0.0107359	0.0431285	-3.58
ILMN_1842582	TTC39C	0.10	6.91	2.60	0.0107388	0.0431355	-3.59
ILMN_1723607	GPHN	-0.07	6.65	-2.60	0.010763	0.0432274	-3.58
ILMN_1809483	HSD17B14	0.08	6.41	2.60	0.01077	0.0432506	-3.59
ILMN_1684193	NA	-0.08	6.37	-2.60	0.0107894	0.0433236	-3.59
ILMN_1804490	NA	-0.10	7.44	-2.60	0.0107983	0.0433543	-3.59
ILMN_1690616	SMIM5	-0.11	6.58	-2.60	0.0108015	0.0433593	-3.59
ILMN_1747412	DPP3	-0.10	6.77	-2.60	0.0108021	0.0433593	-3.59
ILMN_2393169	THOC5	0.08	7.28	2.60	0.0108172	0.0434148	-3.59

ILMN_1785389	ABHD2	-0.07	6.34	-2.60	0.0108236	0.0434356	-3.59
ILMN_2045729	WDR12	0.12	8.06	2.60	0.0108279	0.0434477	-3.59
ILMN_1780887	USP21	-0.09	7.28	-2.60	0.0108308	0.0434542	-3.60
ILMN_1708922	ABL1	0.07	6.44	2.60	0.0108411	0.0434905	-3.60
ILMN_1810759	MMADHC	0.12	9.99	2.60	0.0108494	0.0435186	-3.60
ILMN_1725139	CA9	0.13	6.43	2.60	0.0108512	0.0435211	-3.60
ILMN_1715259	OR6V1	-0.06	6.40	-2.60	0.0108729	0.0436029	-3.60
ILMN_2295252	C9orf72	0.07	6.56	2.60	0.0108796	0.0436248	-3.60
ILMN_1677979	NA	-0.07	6.48	-2.60	0.010892	0.0436691	-3.60
ILMN_1769787	SELO	-0.09	7.22	-2.60	0.0108967	0.0436832	-3.60
ILMN_3292297	LOC1001321	-0.07	6.40	-2.59	0.0109143	0.0437484	-3.60
ILMN_1784227	MCRS1	-0.11	9.01	-2.59	0.0109279	0.0437981	-3.60
ILMN_1801302	SCN1B	0.07	6.40	2.59	0.0109296	0.0437996	-3.60
ILMN_1775734	SH2D3C	0.11	6.74	2.59	0.0109372	0.0438252	-3.60
ILMN_1674866	TADA3	-0.09	8.08	-2.59	0.010944	0.0438473	-3.60
ILMN_1805828	VRK1	0.11	7.25	2.59	0.0109557	0.0438892	-3.61
ILMN_2407703	SYN1	0.06	6.56	2.59	0.0109697	0.0439398	-3.61
ILMN_2197247	POLR3A	-0.09	7.67	-2.59	0.0109729	0.0439475	-3.61
ILMN_1775111	SND1	0.13	8.75	2.59	0.0109847	0.0439897	-3.61
ILMN_1795949	CORO7	0.10	7.45	2.59	0.0110115	0.0440817	-3.61
ILMN_1800390	ZNF511	-0.12	8.51	-2.59	0.0110103	0.0440817	-3.61
ILMN_3298065	NA	0.07	6.37	2.59	0.011011	0.0440817	-3.60
ILMN_1718706	ERAL1	-0.09	8.53	-2.59	0.0110288	0.0441458	-3.61
ILMN_1667081	CCND2	-0.23	9.67	-2.59	0.0110443	0.0442007	-3.61
ILMN_2110532	RPL26L1	0.11	8.36	2.59	0.011045	0.0442007	-3.61
ILMN_1742788	PKD1L2	0.08	6.38	2.59	0.0110525	0.0442253	-3.61
ILMN_1683933	SERPINA9	0.12	6.43	2.59	0.0110926	0.0443808	-3.62
ILMN_1767690	SENP8	-0.07	6.48	-2.59	0.0111009	0.0444086	-3.62
ILMN_1790149	HGF	0.06	6.39	2.59	0.0111073	0.0444293	-3.62
ILMN_1700727	KLF6	-0.12	6.73	-2.59	0.0111287	0.0445095	-3.62
ILMN_1890924	NA	-0.07	6.44	-2.59	0.011135	0.0445298	-3.62
ILMN_2054271	GPR135	0.08	6.44	2.59	0.0111372	0.0445334	-3.62
ILMN_2199362	FBXL22	-0.07	6.46	-2.59	0.0111439	0.0445522	-3.62
ILMN_2338268	ABHD11	-0.12	6.99	-2.59	0.0111445	0.0445522	-3.62
ILMN_2301083	UBE2C	0.26	8.29	2.59	0.0111479	0.0445607	-3.62
ILMN_1677261	LZTS1	0.07	6.34	2.59	0.0111559	0.0445874	-3.62
ILMN_1673395	PIGO	-0.08	6.65	-2.59	0.0111622	0.0446072	-3.62
ILMN_1707943	SWSAP1	-0.07	6.54	-2.59	0.0111796	0.0446677	-3.62
ILMN_1774017	TRIM51GP	-0.10	6.41	-2.59	0.0111799	0.0446677	-3.62
ILMN_1768363	BAP1	-0.12	7.21	-2.59	0.0111816	0.0446692	-3.62
ILMN_1778294	SENP7	-0.07	6.67	-2.58	0.0112201	0.0448179	-3.63
ILMN_1677607	SC5D	-0.15	8.54	-2.58	0.0112234	0.0448261	-3.63
ILMN_1676289	NCAM1	0.10	6.69	2.58	0.0112261	0.0448317	-3.63
ILMN_1779984	ACE	-0.08	6.51	-2.58	0.0112381	0.0448741	-3.63
ILMN_2167616	NACA	0.12	11.61	2.58	0.0112471	0.0449052	-3.63
ILMN_2397230	USP16	0.12	8.56	2.58	0.0112521	0.0449196	-3.62
ILMN_1766079	SULT1C2	0.26	6.77	2.58	0.0112589	0.0449367	-3.63
ILMN_1793549	PTPN4	0.09	7.41	2.58	0.0112589	0.0449367	-3.63

ILMN_1763409	LRR8D	-0.09	7.34	-2.58	0.0112613	0.0449407	-3.63
ILMN_1767643	CTRB2	-0.07	6.53	-2.58	0.0112684	0.0449642	-3.63
ILMN_1854383	NA	-0.10	6.98	-2.58	0.0112737	0.0449801	-3.63
ILMN_1667261	PJA1	0.09	6.37	2.58	0.0112757	0.0449826	-3.62
ILMN_1655904	ROR1	0.10	6.83	2.58	0.0112801	0.0449901	-3.63
ILMN_3249035	NFE2L3	-0.06	6.40	-2.58	0.0112801	0.0449901	-3.63
ILMN_1733831	PGBD5	-0.06	6.37	-2.58	0.0112827	0.044995	-3.63
ILMN_1731180	EXOC2	-0.08	7.00	-2.58	0.0112901	0.0450196	-3.63
ILMN_1678841	UBD	0.45	7.76	2.58	0.0113028	0.0450595	-3.63
ILMN_3225471	NA	-0.08	6.68	-2.58	0.0113023	0.0450595	-3.63
ILMN_2336094	TENM3	0.09	6.54	2.58	0.0113055	0.0450652	-3.63
ILMN_1692398	CNTNAP1	0.17	7.08	2.58	0.0113118	0.0450852	-3.63
ILMN_3240557	NA	-0.06	6.41	-2.58	0.0113235	0.0451266	-3.63
ILMN_1746213	SNX20	-0.06	6.32	-2.58	0.0113633	0.0452767	-3.64
ILMN_1749907	CCT6P3	-0.08	6.65	-2.58	0.0113638	0.0452767	-3.64
ILMN_1745116	ABHD12	0.13	7.52	2.58	0.0113683	0.0452894	-3.64
ILMN_1719883	CYP4F11	-0.23	6.91	-2.58	0.0113708	0.0452913	-3.64
ILMN_2192316	TOP1	0.12	7.24	2.58	0.0113714	0.0452913	-3.63
ILMN_2231985	HSPA13	0.09	6.72	2.58	0.0113728	0.0452916	-3.64
ILMN_1677487	ANKZF1	-0.11	7.52	-2.58	0.0113755	0.0452971	-3.64
ILMN_1759915	ARPC1A	-0.15	9.96	-2.58	0.0113775	0.0452998	-3.63
ILMN_1872419	NA	-0.24	10.32	-2.58	0.0113811	0.0453087	-3.64
ILMN_2181363	UBE3C	0.10	9.79	2.58	0.0113875	0.045329	-3.64
ILMN_3306028	NA	0.07	6.64	2.58	0.0113901	0.0453344	-3.64
ILMN_2269256	DNAJC12	0.27	7.76	2.58	0.0114031	0.0453809	-3.64
ILMN_1701375	FBXW5	-0.12	7.62	-2.58	0.0114252	0.0454633	-3.64
ILMN_1657550	MVD	-0.12	6.96	-2.58	0.0114344	0.045495	-3.64
ILMN_1680726	SYTL5	-0.06	6.54	-2.58	0.0114397	0.0455107	-3.64
ILMN_2352633	ARHGAP24	0.08	6.68	2.58	0.0114547	0.0455651	-3.65
ILMN_3249175	LINC00426	0.09	6.67	2.58	0.0114603	0.0455821	-3.65
ILMN_3245365	SNORA6	0.09	6.86	2.58	0.0114675	0.0456053	-3.62
ILMN_1764795	FMN2	-0.08	6.50	-2.58	0.0114829	0.0456615	-3.65
ILMN_1779404	PUF60	-0.13	9.63	-2.58	0.011497	0.0457121	-3.65
ILMN_1780382	SPCS2P4	0.26	8.86	2.58	0.0114994	0.0457163	-3.65
ILMN_2071826	RNF152	-0.07	6.65	-2.58	0.0115117	0.0457603	-3.65
ILMN_1845347	NA	-0.07	6.50	-2.58	0.0115143	0.0457653	-3.65
ILMN_3213261	BTBD6	-0.08	6.60	-2.57	0.0115475	0.045892	-3.65
ILMN_1686679	ZNF462	-0.14	7.68	-2.57	0.011551	0.0459003	-3.65
ILMN_1733746	REEP1	0.23	6.95	2.57	0.0115532	0.0459037	-3.65
ILMN_1739345	LBHD1	-0.14	8.34	-2.57	0.0115595	0.0459217	-3.65
ILMN_2205032	MAGEE1	0.09	6.90	2.57	0.0115604	0.0459217	-3.65
ILMN_1704206	NPSR1	0.12	6.55	2.57	0.0115811	0.0459989	-3.65
ILMN_3282436	EIF3F	0.13	8.32	2.57	0.0115842	0.0460058	-3.66
ILMN_1684278	SNORD38A	0.07	6.54	2.57	0.0115967	0.0460502	-3.66
ILMN_1717029	NA	0.09	6.58	2.57	0.011601	0.0460566	-3.66
ILMN_1792528	RPS25	0.08	13.44	2.57	0.0116001	0.0460566	-3.66
ILMN_2411127	YBEY	-0.12	6.92	-2.57	0.0116107	0.0460898	-3.66
ILMN_1776395	ARMC4	0.06	6.32	2.57	0.0116184	0.046115	-3.66

ILMN_2317348	APTX	-0.10	8.45	-2.57	0.011628	0.0461479	-3.66
ILMN_2048982	ZBTB25	0.08	6.84	2.57	0.0116553	0.046251	-3.66
ILMN_1762436	UBB	-0.12	12.39	-2.57	0.0116589	0.04626	-3.66
ILMN_2396148	HIP1R	-0.10	6.92	-2.57	0.0116609	0.0462625	-3.66
ILMN_1811836	DYNC2LI1	0.10	7.45	2.57	0.0116891	0.046369	-3.66
ILMN_1727051	DDX19A	0.09	7.12	2.57	0.0117096	0.046445	-3.66
ILMN_2061310	ZNF280C	0.09	7.16	2.57	0.0117144	0.0464587	-3.67
ILMN_1729188	HAMP	0.08	6.51	2.57	0.0117239	0.046491	-3.67
ILMN_3247681	C2orf68	-0.09	7.08	-2.57	0.0117409	0.0465529	-3.67
ILMN_1776047	HSP90AB3P	0.12	7.33	2.57	0.0117483	0.0465557	-3.66
ILMN_1780769	TUBB4B	-0.16	10.29	-2.57	0.0117455	0.0465557	-3.67
ILMN_2076602	ITM2A	0.07	6.43	2.57	0.0117483	0.0465557	-3.67
ILMN_2355462	CYFIP1	-0.12	8.97	-2.57	0.011744	0.0465557	-3.67
ILMN_3209220	NA	0.06	6.52	2.57	0.0117459	0.0465557	-3.67
ILMN_1811719	MYO7A	0.07	6.54	2.57	0.0117515	0.0465632	-3.67
ILMN_1781816	CHD6	0.11	6.87	2.57	0.011757	0.0465793	-3.67
ILMN_1731354	PARL	-0.13	9.27	-2.57	0.0117629	0.0465975	-3.67
ILMN_2358980	ILK	0.10	7.44	2.57	0.011772	0.046628	-3.67
ILMN_1701551	ABCA6	0.12	6.87	2.57	0.0117937	0.0466741	-3.67
ILMN_1730117	TMC5	-0.25	8.20	-2.57	0.0117931	0.0466741	-3.67
ILMN_1735680	TMEM30A	0.11	8.04	2.57	0.0117907	0.0466741	-3.67
ILMN_1751464	TNFSF9	0.11	6.63	2.57	0.0117906	0.0466741	-3.66
ILMN_1785198	POLE3	0.11	9.57	2.57	0.0117944	0.0466741	-3.67
ILMN_1814044	CABIN1	-0.09	7.13	-2.57	0.0117866	0.0466741	-3.67
ILMN_1850842	NA	0.07	6.37	2.57	0.0117917	0.0466741	-3.67
ILMN_3263393	OR7E156P	-0.08	6.48	-2.57	0.0117924	0.0466741	-3.67
ILMN_2256953	CASZ1	-0.11	6.80	-2.57	0.0118071	0.0467187	-3.67
ILMN_1662557	MAP7D3	0.08	6.62	2.57	0.0118138	0.0467399	-3.67
ILMN_1753498	COASY	-0.12	9.26	-2.57	0.0118249	0.0467786	-3.67
ILMN_2056074	NA	0.10	6.60	2.57	0.011834	0.0468092	-3.67
ILMN_1787567	TSC22D1	0.13	10.88	2.56	0.0118386	0.046822	-3.67
ILMN_1784031	TIMM44	-0.09	6.88	-2.56	0.0118479	0.0468532	-3.68
ILMN_3258955	COL6A5	0.10	6.53	2.56	0.0118801	0.0469753	-3.68
ILMN_1732410	SLC16A9	-0.38	9.17	-2.56	0.0118853	0.0469906	-3.68
ILMN_1844919	NA	0.07	6.48	2.56	0.0118903	0.0470051	-3.68
ILMN_1808379	PLCD4	0.06	6.41	2.56	0.0118935	0.0470121	-3.68
ILMN_2154115	PSD4	-0.11	7.43	-2.56	0.0119115	0.0470726	-3.68
ILMN_2367707	PKN1	0.09	6.77	2.56	0.0119104	0.0470726	-3.68
ILMN_1815033	HPCA	-0.05	6.46	-2.56	0.0119187	0.0470955	-3.68
ILMN_3309864	MIR449B	-0.07	6.37	-2.56	0.0119435	0.047188	-3.68
ILMN_1796113	BCDIN3D	-0.09	7.63	-2.56	0.0119469	0.0471948	-3.68
ILMN_2328433	NOP2	0.11	6.90	2.56	0.0119479	0.0471948	-3.68
ILMN_2370160	HERC4	0.10	6.93	2.56	0.0119534	0.0472112	-3.68
ILMN_1753279	HNRNPA0	0.12	9.37	2.56	0.0119565	0.0472178	-3.68
ILMN_3241921	GLRA4	-0.07	6.43	-2.56	0.0119698	0.0472651	-3.68
ILMN_3237884	LINC01096	-0.07	6.40	-2.56	0.0119785	0.0472938	-3.68
ILMN_1756408	PARVA	0.11	7.43	2.56	0.0119975	0.047358	-3.69
ILMN_3307992	MIR656	-0.07	6.36	-2.56	0.0119961	0.047358	-3.69

ILMN_1691849	LIN7C	-0.10	6.81	-2.56	0.0120101	0.0474024	-3.68
ILMN_1723895	GTF3C5	-0.12	7.44	-2.56	0.0120188	0.0474315	-3.69
ILMN_1714730	UBE2C	0.23	8.07	2.56	0.0120295	0.0474681	-3.69
ILMN_1765060	FBXO34	-0.14	8.87	-2.56	0.0120374	0.0474941	-3.69
ILMN_1761797	CSTB	0.19	10.92	2.56	0.0120545	0.0475544	-3.69
ILMN_2112256	TNFRSF4	0.18	7.11	2.56	0.0120555	0.0475544	-3.69
ILMN_1733799	FAM195B	0.09	6.90	2.56	0.0120637	0.0475813	-3.69
ILMN_2113126	RNASE3	0.07	6.26	2.56	0.0120712	0.0476053	-3.69
ILMN_1694323	GLE1	-0.08	6.69	-2.56	0.012086	0.0476583	-3.69
ILMN_1694730	RNPEPL1	-0.08	6.85	-2.56	0.0120925	0.0476785	-3.69
ILMN_1789467	VMAC	-0.08	6.36	-2.56	0.0121021	0.0477107	-3.69
ILMN_2202423	HELLS	0.09	6.79	2.56	0.0121078	0.0477277	-3.69
ILMN_1652989	NUP160	0.12	8.33	2.56	0.0121116	0.0477376	-3.69
ILMN_2372398	ALDH5A1	-0.15	7.65	-2.56	0.0121219	0.0477727	-3.70
ILMN_2381121	UQCC1	-0.08	7.08	-2.56	0.0121331	0.0478112	-3.70
ILMN_1743995	ALG12	-0.07	6.72	-2.56	0.0121513	0.0478775	-3.70
ILMN_2052871	TMEM116	-0.11	7.17	-2.56	0.0121589	0.0479019	-3.69
ILMN_1825822	NA	-0.07	6.46	-2.55	0.0121893	0.0480164	-3.70
ILMN_1664466	KLHL9	-0.12	8.92	-2.55	0.0122123	0.0481015	-3.70
ILMN_1748427	ZNF239	0.11	7.05	2.55	0.0122245	0.0481437	-3.70
ILMN_1703617	AHSA1	-0.12	8.36	-2.55	0.0122274	0.04815	-3.70
ILMN_1778132	C2CD2L	-0.09	6.62	-2.55	0.0122296	0.048153	-3.70
ILMN_3247064	SNRNP40	0.11	8.38	2.55	0.0122326	0.0481591	-3.70
ILMN_1726990	DXO	0.09	7.05	2.55	0.0122376	0.0481735	-3.70
ILMN_2358647	FBXO21	0.09	7.51	2.55	0.0122495	0.0482149	-3.70
ILMN_1656662	RPL24	0.10	11.98	2.55	0.0122535	0.0482253	-3.71
ILMN_1661595	C1orf53	-0.14	7.52	-2.55	0.0122753	0.0483054	-3.71
ILMN_1717887	GOLGA7B	0.07	6.34	2.55	0.0122802	0.0483189	-3.71
ILMN_2038776	TXN	-0.12	12.82	-2.55	0.0122982	0.0483845	-3.71
ILMN_1802190	FOXJ1	0.09	6.48	2.55	0.0123054	0.0484074	-3.71
ILMN_1797025	NA	-0.08	6.68	-2.55	0.012324	0.0484749	-3.71
ILMN_1701681	SEC11C	0.20	10.45	2.55	0.0123297	0.0484874	-3.71
ILMN_1782954	UBE2K	-0.11	8.58	-2.55	0.01233	0.0484874	-3.71
ILMN_3228822	NEMP1	0.11	7.75	2.55	0.0123322	0.048488	-3.71
ILMN_3249583	POM121L1P	0.08	6.47	2.55	0.012333	0.048488	-3.71
ILMN_1698367	CD84	0.13	6.93	2.55	0.0123395	0.0485081	-3.71
ILMN_1795937	EZR	0.17	11.79	2.55	0.0123434	0.0485179	-3.71
ILMN_2327947	SLC25A25	0.09	6.68	2.55	0.0123466	0.0485251	-3.71
ILMN_3238889	RPRD2	-0.11	7.88	-2.55	0.0123715	0.0486172	-3.71
ILMN_2316173	AP1S1	-0.17	7.82	-2.55	0.0123779	0.0486369	-3.71
ILMN_1724704	GRIPAP1	-0.07	6.68	-2.55	0.0123803	0.0486409	-3.71
ILMN_1728984	PA2G4	0.13	8.77	2.55	0.0123975	0.048703	-3.72
ILMN_1799860	PIGM	-0.09	8.22	-2.55	0.0124174	0.0487755	-3.72
ILMN_3253579	HAUS8	-0.08	6.81	-2.55	0.0124239	0.0487955	-3.72
ILMN_1786628	CNTNAP3B	-0.09	6.64	-2.55	0.0124317	0.0488206	-3.72
ILMN_1736729	OAS2	0.10	6.56	2.55	0.012434	0.0488239	-3.72
ILMN_3247261	RAPGEF2	-0.09	8.75	-2.55	0.0124396	0.0488404	-3.72
ILMN_1777168	CSRP2BP	-0.06	6.47	-2.55	0.0124481	0.0488684	-3.72

ILMN_1711439	EMILIN1	0.11	6.86	2.55	0.0124608	0.0489015	-3.72
ILMN_1742250	CCNH	0.10	7.18	2.55	0.0124601	0.0489015	-3.72
ILMN_1881865	NA	-0.12	6.70	-2.55	0.0124587	0.0489015	-3.72
ILMN_1780799	ENPP2	0.23	8.04	2.55	0.0124627	0.0489031	-3.72
ILMN_1776213	RGMB	-0.23	7.56	-2.55	0.0124681	0.0489187	-3.72
ILMN_1751636	ANKS3	-0.08	6.64	-2.55	0.0124698	0.0489199	-3.72
ILMN_3244029	ANKRD52	-0.07	6.70	-2.55	0.0124788	0.0489498	-3.72
ILMN_1791951	KRTAP13-2	-0.13	6.58	-2.54	0.0124956	0.0490101	-3.72
ILMN_1693878	GMPPA	0.08	6.50	2.54	0.0125047	0.04904	-3.72
ILMN_1732300	POLR2C	-0.09	7.53	-2.54	0.012507	0.0490435	-3.72
ILMN_1727458	HDAC1	-0.12	11.22	-2.54	0.0125245	0.0491065	-3.72
ILMN_1687351	ANKRA2	-0.11	8.18	-2.54	0.0125292	0.0491137	-3.72
ILMN_1699172	AFG3L1P	-0.06	6.42	-2.54	0.012528	0.0491137	-3.72
ILMN_1794729	KRT20	-0.32	11.23	-2.54	0.0125362	0.0491357	-3.73
ILMN_1753518	NA	0.18	6.69	2.54	0.0125416	0.0491511	-3.73
ILMN_1665714	C4orf22	-0.07	6.47	-2.54	0.0125476	0.0491692	-3.73
ILMN_1892859	ONECUT2	0.17	6.58	2.54	0.0125539	0.0491885	-3.73
ILMN_1664691	DAPP1	0.09	6.64	2.54	0.0125717	0.0492525	-3.73
ILMN_1681543	RHBDD1	0.09	7.19	2.54	0.0125993	0.0493515	-3.73
ILMN_1703279	CXorf57	0.09	6.72	2.54	0.0125998	0.0493515	-3.73
ILMN_1796962	PPP3R1	0.15	8.83	2.54	0.0126207	0.0494277	-3.73
ILMN_1798379	NTM	0.09	6.61	2.54	0.0126699	0.0496147	-3.73
ILMN_2099528	BTLA	0.10	6.60	2.54	0.0126789	0.0496443	-3.74
ILMN_2096747	SNORA33	0.10	6.95	2.54	0.0126871	0.0496706	-3.74
ILMN_1666050	TMUB1	-0.13	8.08	-2.54	0.0127081	0.0497416	-3.74
ILMN_1815652	NA	0.24	6.84	2.54	0.0127077	0.0497416	-3.74
ILMN_1666593	NA	-0.07	6.42	-2.54	0.0127151	0.0497576	-3.74
ILMN_1787949	RPS15A	0.14	12.89	2.54	0.012714	0.0497576	-3.74
ILMN_1702972	GJA5	0.07	6.44	2.54	0.0127344	0.0498232	-3.74
ILMN_1780825	RRAS	0.18	8.92	2.54	0.0127347	0.0498232	-3.73
ILMN_1651628	EXOC6	0.10	7.98	2.54	0.0127434	0.0498509	-3.74
ILMN_1677959	NA	0.07	6.35	2.54	0.0127447	0.0498509	-3.74
ILMN_3245287	SCN5A	-0.10	6.91	-2.54	0.0127529	0.0498775	-3.74
ILMN_1658717	DEPDC5	-0.07	6.91	-2.54	0.0127661	0.0499231	-3.74
ILMN_2305116	CTH	-0.07	6.65	-2.54	0.0127675	0.0499231	-3.74
ILMN_1701025	EPHX1	-0.11	7.35	-2.54	0.0127697	0.0499261	-3.74
ILMN_1657682	GFM1	-0.15	8.96	-2.54	0.0127827	0.0499708	-3.74
ILMN_2372639	TRAPPC5	-0.13	8.37	-2.54	0.012784	0.0499708	-3.74
ILMN_1693088	SDC4P	-0.07	6.45	-2.54	0.0127896	0.049987	-3.74
ILMN_1773380	UNC13D	0.10	6.82	2.54	0.0128018	0.0500258	-3.74
ILMN_2141452	RPL18A	0.09	13.01	2.54	0.0128025	0.0500258	-3.74
ILMN_1739497	GTF2H5	0.10	9.24	2.54	0.0128187	0.0500837	-3.74
ILMN_1667199	SQRDL	-0.19	8.46	-2.53	0.0128325	0.0501316	-3.75
ILMN_1760245	TMEM42	-0.08	7.46	-2.53	0.0128439	0.0501701	-3.75
ILMN_2126832	SEC24A	0.14	7.48	2.53	0.0128452	0.0501701	-3.75
ILMN_2282077	MIB2	-0.12	7.34	-2.53	0.0128467	0.0501701	-3.75
ILMN_3262217	NA	-0.08	6.37	-2.53	0.012853	0.0501893	-3.75
ILMN_1798212	LLGL1	0.11	7.44	2.53	0.012855	0.0501913	-3.75

ILMN_1802096	ABTB1	0.13	7.64	2.53	0.0128992	0.0503582	-3.75
ILMN_2204526	TCTEX1D4	-0.06	6.46	-2.53	0.0129066	0.0503813	-3.75
ILMN_3223798	ZNF84	-0.10	7.05	-2.53	0.0129097	0.0503879	-3.75
ILMN_1682100	IGSF10	0.07	6.48	2.53	0.012925	0.0504416	-3.75
ILMN_1773751	HRAS	-0.10	7.36	-2.53	0.0129463	0.050519	-3.75
ILMN_1672547	MYO9B	0.12	7.77	2.53	0.0129495	0.050526	-3.75
ILMN_1809141	ING4	-0.09	6.83	-2.53	0.0129549	0.0505414	-3.75
ILMN_1677793	NA	0.08	6.39	2.53	0.0129626	0.0505597	-3.76
ILMN_1792168	GALE	-0.17	8.62	-2.53	0.0129622	0.0505597	-3.76
ILMN_1789136	NA	-0.13	11.45	-2.53	0.0129667	0.0505703	-3.76
ILMN_1791396	NA	-0.12	8.10	-2.53	0.0129769	0.0506042	-3.76
ILMN_1652085	MPHOSPH1C	0.11	8.33	2.53	0.0129796	0.0506089	-3.76
ILMN_1700109	PTOV1	-0.11	9.07	-2.53	0.0129878	0.0506237	-3.76
ILMN_1703415	NA	-0.07	6.50	-2.53	0.0129872	0.0506237	-3.76
ILMN_1770020	PPIL3	0.14	9.66	2.53	0.0129861	0.0506237	-3.76
ILMN_1791568	CEP57	0.08	6.82	2.53	0.0130005	0.0506675	-3.76
ILMN_1678087	MAP3K4	0.09	8.15	2.53	0.0130107	0.0506957	-3.76
ILMN_1688625	AIM1	-0.10	7.17	-2.53	0.0130094	0.0506957	-3.76
ILMN_1779685	ASIC2	-0.07	6.35	-2.53	0.0130198	0.0507256	-3.76
ILMN_1790978	ATG7	0.11	7.62	2.53	0.0130238	0.0507353	-3.75
ILMN_1715947	NA	0.22	10.23	2.53	0.0130299	0.0507535	-3.76
ILMN_3245020	WASH1	-0.13	7.18	-2.53	0.0130317	0.0507546	-3.75
ILMN_1760563	PRRC2A	0.11	7.61	2.53	0.0130411	0.0507856	-3.76
ILMN_1718177	CYP20A1	0.10	7.79	2.53	0.0130709	0.0508959	-3.76
ILMN_1753729	KNG1	-0.09	6.46	-2.53	0.0130834	0.0509386	-3.76
ILMN_1687002	OSR2	0.07	6.35	2.53	0.0130865	0.0509402	-3.76
ILMN_2369286	NME7	0.07	6.63	2.53	0.0130867	0.0509402	-3.76
ILMN_1652434	MTHFD2L	0.08	6.81	2.53	0.0130885	0.0509414	-3.76
ILMN_3268717	LOC146880	0.08	6.65	2.53	0.0130919	0.0509489	-3.76
ILMN_1683129	CCNL1	0.10	7.19	2.53	0.0130988	0.0509585	-3.76
ILMN_2302075	MSI2	0.06	6.32	2.53	0.0130959	0.0509585	-3.76
ILMN_2405009	NA	-0.16	10.12	-2.53	0.0130983	0.0509585	-3.76
ILMN_3187210	NA	0.08	6.48	2.53	0.0131031	0.0509695	-3.76
ILMN_2051469	E2F1	0.09	6.71	2.53	0.0131066	0.0509772	-3.76
ILMN_1751444	NCAPG	0.19	7.64	2.53	0.0131244	0.0510407	-3.77
ILMN_2331525	PRKD2	0.07	6.73	2.53	0.0131543	0.0511514	-3.77
ILMN_1757910	HIP1R	-0.08	6.62	-2.53	0.0131588	0.0511632	-3.77
ILMN_3225634	NA	0.10	12.24	2.53	0.0131606	0.0511644	-3.77
ILMN_1787879	ARL2	-0.11	9.13	-2.53	0.0131701	0.0511954	-3.77
ILMN_1800619	BRI3BP	-0.10	7.14	-2.52	0.013194	0.0512826	-3.77
ILMN_1714774	TRIM71	-0.06	6.36	-2.52	0.0132121	0.0513472	-3.77
ILMN_1792885	CTSC	0.28	8.27	2.52	0.0132143	0.0513497	-3.77
ILMN_1702385	LILRA4	-0.08	6.44	-2.52	0.0132174	0.0513524	-3.77
ILMN_1776870	ESPNP	-0.10	6.53	-2.52	0.0132179	0.0513524	-3.77
ILMN_2135232	SRSF3	0.06	6.53	2.52	0.0132314	0.0513989	-3.77
ILMN_2309180	SMARCD3	0.08	6.85	2.52	0.0132352	0.0514079	-3.77
ILMN_1725014	TMPRSS6	-0.07	6.42	-2.52	0.0132795	0.0515688	-3.78
ILMN_2382724	METTL23	0.12	8.12	2.52	0.0132796	0.0515688	-3.78

ILMN_3253471	KLHL29	0.08	6.55	2.52	0.0132883	0.0515969	-3.78
ILMN_1815205	LYZ	0.64	10.49	2.52	0.0132914	0.0516028	-3.78
ILMN_1724959	SEC31A	0.11	8.50	2.52	0.0132999	0.0516242	-3.78
ILMN_2338038	AK4	-0.18	7.55	-2.52	0.0132988	0.0516242	-3.78
ILMN_1786039	RNF34	-0.09	9.11	-2.52	0.0133093	0.0516491	-3.78
ILMN_2053527	PARP9	0.16	7.44	2.52	0.0133084	0.0516491	-3.78
ILMN_1788895	SRD5A2	-0.07	6.45	-2.52	0.0133177	0.0516761	-3.77
ILMN_1766195	ZNF558	-0.09	7.24	-2.52	0.0133247	0.0516971	-3.78
ILMN_1673708	HDAC9	0.06	6.30	2.52	0.0133341	0.0517238	-3.78
ILMN_1737320	ZDHHC15	0.08	6.31	2.52	0.0133335	0.0517238	-3.78
ILMN_2352216	FBXL6	-0.14	7.42	-2.52	0.0133336	0.0517238	-3.78
ILMN_1672743	ZNF334	-0.10	6.64	-2.52	0.0133676	0.0518404	-3.78
ILMN_1747744	LHFPL2	0.19	8.92	2.52	0.0133714	0.0518495	-3.78
ILMN_2365023	C9orf24	-0.11	6.76	-2.52	0.0133857	0.0518988	-3.78
ILMN_1801516	GPC1	0.08	6.61	2.52	0.0133922	0.0519182	-3.78
ILMN_1730294	INO80C	-0.13	8.02	-2.52	0.0134056	0.0519584	-3.78
ILMN_2406313	RBCK1	-0.09	7.34	-2.52	0.0134054	0.0519584	-3.78
ILMN_1794956	BBS9	0.07	6.82	2.52	0.01341	0.0519698	-3.79
ILMN_1656297	YBEY	-0.12	6.92	-2.52	0.0134152	0.0519781	-3.79
ILMN_1755658	ABI3	0.11	6.93	2.52	0.0134145	0.0519781	-3.79
ILMN_1739428	IFIT2	-0.27	7.64	-2.52	0.0134244	0.0520079	-3.78
ILMN_1673941	RBM24	-0.13	6.69	-2.52	0.0134313	0.0520291	-3.79
ILMN_1694847	TERF1	-0.14	7.70	-2.52	0.0134375	0.0520472	-3.79
ILMN_1693987	MLXIP	-0.06	6.43	-2.52	0.0134399	0.0520507	-3.79
ILMN_1661646	BANK1	0.16	6.78	2.52	0.0134539	0.052099	-3.79
ILMN_1717745	TIAL1	0.11	7.45	2.52	0.0134586	0.0521115	-3.79
ILMN_1695317	RCBTB1	0.06	6.49	2.52	0.0135176	0.052334	-3.79
ILMN_2363634	ADHFE1	-0.11	6.81	-2.52	0.0135264	0.052362	-3.79
ILMN_2249288	TIPRL	-0.11	7.25	-2.52	0.013528	0.0523622	-3.79
ILMN_2398926	C17orf58	-0.10	8.51	-2.51	0.0135391	0.0523984	-3.79
ILMN_3249645	HSPA13	0.09	6.64	2.51	0.0135404	0.0523984	-3.79
ILMN_1712754	NFKBIB	-0.08	7.17	-2.51	0.0135731	0.0525194	-3.80
ILMN_2357062	IL1RAP	0.08	6.45	2.51	0.0135798	0.0525391	-3.80
ILMN_1901532	NA	-0.08	6.66	-2.51	0.0135877	0.0525638	-3.79
ILMN_1689446	EIF3G	0.12	9.37	2.51	0.0136016	0.0526117	-3.80
ILMN_1803302	CRK	-0.12	8.24	-2.51	0.0136227	0.0526825	-3.80
ILMN_1881909	NA	-0.31	7.47	-2.51	0.0136229	0.0526825	-3.80
ILMN_3248008	TUBB	0.06	6.42	2.51	0.0136312	0.0527087	-3.80
ILMN_1852041	NA	-0.07	6.48	-2.51	0.0136346	0.0527159	-3.80
ILMN_1836218	PP7080	-0.66	8.65	-2.51	0.013642	0.0527383	-3.80
ILMN_1748352	CTSV	0.26	7.36	2.51	0.0136618	0.0528084	-3.80
ILMN_1780659	NUDT6	-0.09	6.75	-2.51	0.0136632	0.0528084	-3.80
ILMN_2209163	CHD6	0.08	6.95	2.51	0.0136795	0.0528658	-3.80
ILMN_1721842	RYBP	0.11	9.06	2.51	0.0136831	0.0528735	-3.80
ILMN_2248589	DHX40	0.10	8.40	2.51	0.0136966	0.05292	-3.80
ILMN_2145250	NACAP1	0.11	7.19	2.51	0.0137042	0.0529434	-3.80
ILMN_1803376	AEBP2	0.10	7.27	2.51	0.0137073	0.0529495	-3.80
ILMN_1676799	MFAP1	-0.09	7.92	-2.51	0.0137275	0.0530215	-3.81

ILMN_1772489	NEMF	-0.09	7.52	-2.51	0.0137574	0.053119	-3.81
ILMN_1782070	NPL	0.16	7.45	2.51	0.0137556	0.053119	-3.81
ILMN_1791890	SPON1	-0.24	10.02	-2.51	0.0137565	0.053119	-3.80
ILMN_2119937	NDUFB3	-0.14	11.13	-2.51	0.0137778	0.0531918	-3.81
ILMN_1671076	ADGRB3	0.09	6.57	2.51	0.0137967	0.0532589	-3.81
ILMN_1809963	RSAD1	-0.09	7.22	-2.51	0.0138175	0.0533334	-3.81
ILMN_1801090	KRT222	0.08	6.43	2.51	0.0138324	0.0533847	-3.81
ILMN_1725633	MACROD2	-0.06	6.31	-2.51	0.0138453	0.0534227	-3.81
ILMN_1764628	LYPLA2	-0.09	7.27	-2.51	0.0138448	0.0534227	-3.81
ILMN_1690818	AKAP5	-0.07	6.39	-2.51	0.013861	0.053474	-3.81
ILMN_1772163	PRKY	0.19	6.95	2.51	0.0138617	0.053474	-3.81
ILMN_1673605	PRSS57	0.07	6.43	2.51	0.0138653	0.0534819	-3.81
ILMN_1680844	NA	-0.06	6.39	-2.51	0.0138778	0.0535239	-3.82
ILMN_1801889	MYO16	0.07	6.47	2.51	0.0138796	0.0535248	-3.80
ILMN_1653466	HES4	0.17	8.44	2.51	0.0138811	0.0535249	-3.82
ILMN_2309156	PMEPA1	0.13	7.60	2.51	0.0138855	0.0535358	-3.82
ILMN_1703314	KLHL36	0.09	7.70	2.51	0.0138905	0.0535431	-3.82
ILMN_1770824	ARHGAP4	0.19	7.64	2.51	0.0138895	0.0535431	-3.82
ILMN_1772458	SPAG6	0.06	6.39	2.51	0.0138923	0.0535439	-3.82
ILMN_2373791	ENPP2	0.23	8.29	2.50	0.0139111	0.0536084	-3.82
ILMN_3304505	NA	-0.07	6.36	-2.50	0.0139121	0.0536084	-3.81
ILMN_2166865	ENY2	0.11	9.69	2.50	0.013918	0.053625	-3.82
ILMN_2109156	RANBP1	0.13	9.53	2.50	0.013941	0.0537076	-3.82
ILMN_3306672	PATL2	0.10	6.75	2.50	0.0139561	0.0537597	-3.82
ILMN_1741171	TM2D2	0.08	7.14	2.50	0.013968	0.0537998	-3.82
ILMN_2183424	TPTE2P6	-0.09	6.54	-2.50	0.0139751	0.0538211	-3.82
ILMN_1794233	LINC-PINT	0.10	6.68	2.50	0.0139915	0.053878	-3.82
ILMN_2327974	CORO2A	-0.12	6.99	-2.50	0.0139935	0.0538799	-3.82
ILMN_2061950	RABGAP1	0.13	9.16	2.50	0.014008	0.0539297	-3.82
ILMN_1676241	NA	-0.09	7.10	-2.50	0.0140138	0.0539397	-3.82
ILMN_1678052	C19orf24	-0.08	7.14	-2.50	0.0140128	0.0539397	-3.82
ILMN_1679483	INTS10	0.09	8.52	2.50	0.0140174	0.0539477	-3.82
ILMN_1665219	LTBP4	0.14	8.63	2.50	0.0140191	0.0539481	-3.82
ILMN_1780827	EPS8L2	-0.07	6.55	-2.50	0.0140346	0.0539959	-3.83
ILMN_1795678	POLR3C	0.09	8.32	2.50	0.0140339	0.0539959	-3.82
ILMN_1793830	NA	-0.08	6.47	-2.50	0.0140428	0.0540214	-3.83
ILMN_1786612	PSME2	0.17	10.48	2.50	0.014066	0.0541046	-3.83
ILMN_1721563	TMEM127	-0.11	7.36	-2.50	0.0140739	0.0541289	-3.82
ILMN_1779225	C7orf33	0.06	6.24	2.50	0.01408	0.0541463	-3.83
ILMN_1766094	MOSPD2	0.12	7.50	2.50	0.0140817	0.054147	-3.83
ILMN_1725220	FER1L5	-0.07	6.45	-2.50	0.0140862	0.0541582	-3.83
ILMN_1785404	FGFBP1	-0.32	8.48	-2.50	0.0140953	0.0541871	-3.83
ILMN_1706326	MRPL33	0.13	10.64	2.50	0.0140991	0.0541957	-3.83
ILMN_1672149	CHCHD1	-0.08	7.20	-2.50	0.0141017	0.0541996	-3.83
ILMN_1737685	CRLS1	-0.10	9.62	-2.50	0.0141043	0.0542036	-3.83
ILMN_1744508	FAM53C	0.12	7.88	2.50	0.0141077	0.0542107	-3.83
ILMN_2252813	TAF5L	-0.09	6.81	-2.50	0.0141156	0.0542349	-3.83
ILMN_1810159	LVRN	0.07	6.47	2.50	0.0141173	0.0542355	-3.82

ILMN_1756501	ST6GAL1	0.24	9.69	2.50	0.0141247	0.0542578	-3.83
ILMN_1787265	ZNF503	0.10	7.11	2.50	0.0141354	0.0542928	-3.83
ILMN_1713006	CDC34	-0.10	7.27	-2.50	0.0141407	0.0543071	-3.83
ILMN_2043265	ZNF106	0.13	8.78	2.50	0.0141465	0.0543233	-3.83
ILMN_1806601	GRSF1	-0.11	9.01	-2.50	0.0141558	0.054353	-3.83
ILMN_1769783	ZDHHC2	-0.10	7.02	-2.50	0.0141776	0.0544305	-3.83
ILMN_1667449	GCSAM	0.10	6.60	2.50	0.0142067	0.0545266	-3.84
ILMN_1681628	ZNF277	0.11	8.10	2.50	0.0142053	0.0545266	-3.84
ILMN_1886515	NA	0.09	7.22	2.50	0.0142073	0.0545266	-3.84
ILMN_1718271	MTIF3	-0.12	8.85	-2.50	0.014215	0.054544	-3.84
ILMN_2108366	RBM41	-0.08	6.51	-2.50	0.0142139	0.054544	-3.84
ILMN_1772557	SLC22A10	0.06	6.46	2.50	0.0142465	0.0546524	-3.84
ILMN_1786766	SNTB2	0.09	6.89	2.50	0.014246	0.0546524	-3.84
ILMN_1763842	PTRH1	0.09	6.88	2.50	0.0142602	0.054699	-3.84
ILMN_3243686	LTN1	-0.09	7.32	-2.49	0.0142699	0.0547301	-3.84
ILMN_1801377	SLC29A4	-0.21	7.16	-2.49	0.0142719	0.0547318	-3.84
ILMN_1699226	UBR4	0.11	9.04	2.49	0.0142744	0.0547354	-3.84
ILMN_1760037	ATAT1	-0.05	6.29	-2.50	0.0142786	0.0547451	-3.84
ILMN_1729650	PEX7	-0.11	7.64	-2.49	0.0142851	0.054764	-3.84
ILMN_1699049	NA	-0.08	6.85	-2.49	0.0143065	0.0548399	-3.84
ILMN_1767556	C10orf10	0.22	7.07	2.49	0.0143086	0.0548418	-3.84
ILMN_1811029	TLK1	-0.10	7.76	-2.49	0.014318	0.054872	-3.84
ILMN_1682402	SNORD46	0.11	6.70	2.49	0.0143276	0.0549026	-3.84
ILMN_1796900	NUDCD3	-0.08	7.44	-2.49	0.014331	0.0549096	-3.84
ILMN_1756860	TXNL1	0.13	7.23	2.49	0.0143355	0.0549204	-3.84
ILMN_2048700	ATAD2	0.15	7.17	2.49	0.0144628	0.0553653	-3.85