

Ilumina Identifier	HGNC gene symbol	Refseq ID	BI1 LR(0.08uM+TGfb/UT+DMSO+TGfb)	BI1 -log10(pVAL(0.08uM+TGfb/UT+DMSO+TGfb))	BI1 LR(2uM+TGfb/UT+DMSO+TGfb)	BI1 -log10(pVAL(2uM+TGfb/UT+DMSO+TGfb))	BI1 LR(0.08uM-TGfb/UT+DMSO)	BI1 -log10(pVAL(0.08uM-TGfb/UT+DMSO))	BI1 LR(2uM-TGfb/UT+DMSO)	BI1 -log10(pVAL(2uM-TGfb/UT+DMSO))	BI1 LR(2uM-TGfb/0.08uM-TGfb)	BI1 -log10(pVAL(2uM-TGfb/0.08uM-TGfb))	BI1 LR(2uM+TGfb/0.08uM+TGfb)	BI1 -log10(pVAL(2uM+TGfb/0.08uM+TGfb))
ILMN_1731433	ABP1	NM_001091.2	2.81	11.67	2.77	11.48	2.83	17.97	2.85	18.24	0.02	0	-0.04	0.01
ILMN_1687035	ADAMTSL4	NM_025008.3	1.22	9.43	1.42	11.52	0.93	11.37	1.18	16.76	0.25	0.36	0.2	0.13
ILMN_1762294	ADAMTSL4	NM_025008.3	1.12	5.72	1.39	8.05	0.89	9.95	1.18	16.03	0.29	0.52	0.27	0.15
ILMN_1814526	ADD3	NM_001121.2	0.58	2.12	1.02	5.77	1.41	11.37	1.38	11.08	-0.02	0	0.44	0.58
ILMN_2223359	ADH7	NM_000673.3	1.54	7.42	1.56	7.68	2.17	23.92	1.96	20.55	-0.22	0.11	0.02	0
ILMN_1702858	ADHFE1	NM_144650.2	1.29	7.25	1.67	10.39	1.15	9.26	1.09	8.39	-0.06	0.01	0.37	0.31
ILMN_2363634	ADHFE1	NM_001077593.1	1.02	5.29	0.91	4.56	1.12	9.42	0.93	6.82	-0.19	0.09	-0.1	0.03
ILMN_2412336	AKR1C2	NM_001354.4	1.19	6.95	1.28	7.85	1.52	24.17	1.25	18.06	-0.27	0.45	0.09	0.03
ILMN_2096372	ALDH1A1	NM_000689.3	1.16	3.72	1.08	3.45	1.86	11.25	1.74	10.1	-0.11	0.02	-0.07	0.01
ILMN_1709348	ALDH1A1	NM_000689.3	1.97	4.83	1.81	4.31	1.62	3.49	1.74	4.04	0.12	0.01	-0.16	0.02
ILMN_1702503	ALDH3A1	NM_000691.3	1.85	12.01	1.88	12.29	1.51	17.04	1.52	17.36	0.01	0	0.03	0.01
ILMN_2363880	ALDH3B2	NM_001031615.1	1.34	6.86	1.45	7.82	1.14	9.56	1.06	8.38	-0.08	0.02	0.11	0.03
ILMN_1763666	ALDH3B2	NM_001031615.1	2.49	11.19	2.45	11.01	2.33	23.6	2.16	21.09	-0.17	0.06	-0.03	0
ILMN_1801851	ALPPL2	NM_031313.1	1.61	7.82	1.81	9.31	1.45	13.88	1.6	16.19	0.14	0.05	0.2	0.06
ILMN_1667748	ANKRD33	NM_182608.2	1.12	4.42	1.21	5.16	0.91	4.75	1.1	6.77	0.19	0.07	0.09	0.02
ILMN_1798006	ANKRD35	NM_144698.2	1.86	12.32	1.57	9.99	1.49	17.99	1.07	10.49	-0.42	0.92	-0.29	0.18
ILMN_2217601	ANXA9	NM_003568.1	1.68	7.88	1.57	7.26	1.94	17.34	1.65	13.51	-0.28	0.16	-0.11	0.02
ILMN_1656951	APCDD1	NM_153000.3	2.02	15.45	1.58	11.77	1.25	11	1.19	10.19	-0.06	0.01	-0.44	0.69
ILMN_1796737	APM-1	XM_113971.4	1.14	7.64	1.38	10.07	1.37	10.83	1.39	11.1	0.02	0	0.24	0.16
ILMN_2219466	POBEC3B	NM_004900.3	0.87	2.67	1.12	4.31	1.09	8.56	0.92	6.39	-0.16	0.07	0.25	0.09
ILMN_2408851	ARHGAP30	NM_181720.2	2.03	12.43	1.76	10.46	0.74	3.76	1.53	13.83	0.79	2.84	-0.27	0.13
ILMN_1723412	ASCL2	NM_005170.2	1.2	6.46	1.04	5.33	1.06	9.21	0.59	3.06	-0.47	1.05	-0.16	0.05
ILMN_1708778	ASS1	NM_000050.4	2.11	9.61	2.25	10.52	2	28.05	1.99	27.99	-0.01	0	0.14	0.03
ILMN_2395451	ASS1	NM_054012.3	2.08	6.95	2.2	7.67	2.44	24.51	2.38	23.76	-0.06	0.01	0.12	0.02
ILMN_1726025	ASXL1	NM_015338.4	1.34	7.61	1.5	9.02	1.04	10.93	0.9	8.46	-0.14	0.07	0.16	0.06
ILMN_1812073	ATP6V1B1	NM_001692.3	2.96	14.26	3.1	14.88	2.99	31.6	2.81	29.41	-0.17	0.06	0.13	0.03
ILMN_2089073	ATP9A	NM_006045.1	1.21	9.4	0.81	5.3	0.98	11.66	1.03	12.53	0.04	0.01	-0.4	0.72
ILMN_2376771	ATR	NM_001184.2	1.42	6.09	1.06	3.91	1.72	12.92	1.58	11.23	-0.14	0.04	-0.36	0.17
ILMN_2231911	AUH	NM_001698.1	1.12	8.51	0.96	7.01	1.08	10.67	0.78	5.98	-0.3	0.37	-0.15	0.08
ILMN_1690682	B3GALT4	NM_003782.3	1.23	6.03	1.03	4.66	1.06	7.45	0.65	2.95	-0.41	0.51	-0.2	0.07
ILMN_1814686	BCMO1	NM_017429.2	1	7.3	1.31	10.62	1.77	20.73	1.38	14	-0.39	0.61	0.31	0.37
ILMN_1699989	BNIP1	NM_138278.2	1.58	6.28	1.61	6.63	1.42	9.88	0.96	4.79	-0.47	0.51	0.03	0
ILMN_1802192	C10orf99	NM_207373.2	1.64	7.39	1.89	9.15	1.3	11.93	1.21	10.64	-0.09	0.02	0.25	0.08
ILMN_1713744	C14orf132	NM_020215.2	0.88	5.22	1.29	9.32	1.28	10.7	1.28	10.69	0	0	0.41	0.61
ILMN_1693630	C16orf7	NM_004913.2	1.47	8.33	1.3	7.15	1.3	14.8	1.18	12.83	-0.11	0.04	-0.16	0.06
ILMN_1754894	C1orf162	NM_174896.2	-0.12	0.19	2.11	17.75	-0.24	0.62	2.08	31	2.32	32.3	2.24	16.85
ILMN_1797735	C1orf21	NM_030806.3	0.67	4.11	1.46	12.77	0.5	3.59	1.3	19.51	0.81	6.85	0.79	4.09
ILMN_1786470	C1orf74	NM_152485.2	1.4	12.87	1.56	14.52	0.71	6.17	1.31	17.54	0.6	3.02	0.16	0.1
ILMN_1733288	C1RL	NM_016546.1	1.05	6.11	1.37	9.09	1.23	13.62	1.22	13.46	-0.01	0	0.32	0.27
ILMN_2198270	C20orf106	NM_001012971.2	-0.41	1.52	0.61	3.25	-0.27	0.79	0.76	6.13	1.03	8.48	1.02	5.78
ILMN_2174711	C21orf129	NM_152506.1	1.76	8.71	2.13	11.31	1.63	11.28	1.29	7.42	-0.35	0.2	0.37	0.2
ILMN_1690454	C3orf54	NM_203370.1	1.16	10.5	0.65	4.6	1.21	13.93	0.66	4.8	-0.55	2.1	-0.51	1.83
ILMN_1781745	C9orf152	NM_001012993.1	0.9	6.79	3.04	26.07	1.22	10.61	2.91	38.1	1.7	15.53	2.14	17.05
ILMN_1683175	C9orf23	NM_148178.1	0.94	7.48	1.23	10.83	1.1	11.5	1.07	10.95	-0.03	0.01	0.29	0.38
ILMN_1674629	C9orf3	NM_032823.3	1.76	18.19	1.02	9.89	1.3	16.18	0.86	8.08	-0.44	1.25	-0.74	4.73
ILMN_1799320	C9orf37	NM_032937.3	1.22	7.61	1.13	6.91	1.08	10.5	1.11	11.03	0.03	0.01	-0.09	0.03
ILMN_1719998	C9orf45	XR_017862.1	0.34	0.9	1.25	8.81	0.65	4.55	1.14	12.61	0.49	1.6	0.92	4.12
ILMN_1813837	C9orf9	NM_018956.3	1	6.7	1.21	8.83	0.86	5.93	1.06	8.67	0.2	0.11	0.2	0.12

ILMN_1674650	C9orf95	NM_017881.1	1.47	9.01	1.23	7.12	1.55	11.63	1.36	9.4	-0.18	0.06	-0.24	0.12
ILMN_1749118	CALML5	NM_017422.3	2.28	10.08	1.66	6.58	1.19	9.16	1.12	8.27	-0.07	0.01	-0.62	0.48
ILMN_2359601	CAMK2G	NM_172172.1	0.84	2.36	1.09	3.84	0.74	4.83	1.06	9.3	0.32	0.37	0.24	0.08
ILMN_1655191	CASZ1	NM_017766.3	1.24	12.32	1.65	16.73	0.78	6.86	1.3	16.69	0.53	2.1	0.41	1.23
ILMN_1657361	CBX7	NM_175709.2	1.33	6.72	1.38	7.23	1.09	6	0.46	1.08	-0.63	1.13	0.05	0.01
ILMN_1789266	CCDC25	NM_018246.2	0.64	4.12	1.13	9.69	0.82	8.87	1.13	15.18	0.31	0.61	0.48	1.47
ILMN_2377669	CD247	NM_198053.1	0.1	0.14	1.49	12.14	0.1	0.18	2.27	41.66	2.17	35.93	1.39	9.27
ILMN_1676924	CD247	NM_000734.2	0.17	0.37	1.5	13.64	0.21	0.59	2.03	35.56	1.82	27.77	1.33	10
ILMN_1760247	CD70	NM_001252.3	1.32	7.34	1.75	10.87	1.28	10.58	1.12	8.37	-0.16	0.06	0.43	0.43
ILMN_1695423	CD9	NM_001769.2	1.28	5.06	1.32	5.46	1.83	23.02	1.76	21.66	-0.08	0.02	0.04	0.01
ILMN_1714592	CDA	NM_001785.2	1.54	11.78	1.59	12.3	1.34	12.28	1.33	12.22	-0.01	0	0.05	0.01
ILMN_1781987	CDK5	NM_004935.2	1.33	6.4	1.24	5.87	1.09	9.9	0.4	1.43	-0.69	2.92	-0.09	0.02
ILMN_1717714	CDKN2A	NM_000077.3	1.24	7.33	0.79	3.66	0.92	8.65	1.05	10.79	0.12	0.06	-0.46	0.58
ILMN_2331205	CHKB	NM_005198.3	1.3	6.98	1.66	9.97	0.92	6.16	1.09	8.46	0.18	0.08	0.36	0.27
ILMN_1679176	CLCA4	NM_012128.2	2.37	9.01	2.21	8.28	1.93	9.49	1.86	8.87	-0.07	0.01	-0.16	0.03
ILMN_2399363	CLEC4A	NM_194448.1	0.04	0.03	1.28	8.08	0.23	0.62	1.63	24.25	1.4	16.55	1.24	6.12
ILMN_1796423	CLIC3	NM_004669.2	2.73	14.34	2.56	13.36	2.88	26.68	2.59	23.07	-0.29	0.13	-0.17	0.04
ILMN_1803838	CNFN	NM_032488.2	1.89	9.88	1.99	10.59	1.43	14.75	1.67	18.84	0.24	0.16	0.1	0.02
ILMN_1690170	CRABP2	NM_001878.2	1.91	11.93	1.9	11.87	1.87	26.36	1.91	27.19	0.04	0.01	-0.01	0
ILMN_1752451	CTSH	NM_004390.3	1.7	7.9	1.37	5.85	1.21	7.17	1.19	6.94	-0.02	0	-0.33	0.14
ILMN_2393712	CTTN	NM_138565.1	1.21	7.91	1.42	9.99	1.03	10.17	1.04	10.23	0	0	0.21	0.12
ILMN_1745256	CXXC5	NM_016463.5	2.05	12.4	1.24	6.34	1.05	11.1	1.05	11.01	-0.01	0	-0.81	1.99
ILMN_1665437	CYP2E1	NM_000773.3	0.87	6.96	1.14	10.29	0.97	15.56	1.18	21.05	0.21	0.34	0.27	0.36
ILMN_1810942	CYP3A5	NM_000777.2	4.02	13.08	4.08	13.32	4.61	25.8	3.78	19.38	-0.83	0.52	0.06	0.01
ILMN_2173291	CYP4B1	NM_000779.2	0.88	4.19	1.24	7.35	1.02	7.1	0.87	5.29	-0.15	0.05	0.36	0.32
ILMN_1659215	CYP4B1	NM_000779.3	1.44	6.53	1.58	7.63	1.18	10.29	1.02	8	-0.16	0.07	0.14	0.04
ILMN_1809384	CYP4F12	NM_023944.2	2.27	13.5	2.42	14.5	2.18	20.22	1.88	16.09	-0.3	0.18	0.15	0.04
ILMN_1736190	CYP4F3	NM_000896.1	1.87	12.25	1.89	12.47	1.75	12.77	1.41	8.81	-0.34	0.2	0.02	0
ILMN_2175317	CYP4X1	NM_178033.1	1.2	8.65	0.84	5.25	1.33	15.17	1.17	12.38	-0.16	0.08	-0.35	0.45
ILMN_1687556	DAPL1	NM_001017920.1	1.82	8.16	1.64	7.13	2.15	17.58	2.27	19.14	0.11	0.02	-0.18	0.05
ILMN_1685441	DDEF1	NM_017707.2	1.29	8.36	1.55	10.78	0.81	5.52	1.01	8.35	0.21	0.12	0.26	0.17
ILMN_1686573	DEFB1	NM_005218.3	1.88	5.16	1.82	5.02	1.31	3.25	1.3	3.23	-0.01	0	-0.06	0.01
ILMN_2319910	DGKA	NM_201554.1	1.3	5.37	0.74	2.13	1.1	6.39	0.75	3.08	-0.35	0.25	-0.56	0.51
ILMN_2319913	DGKA	NM_201554.1	1.38	7.61	0.62	2.08	1.09	6.18	0.64	2.19	-0.45	0.48	-0.76	1.82
ILMN_1752478	DHRS3	NM_004753.4	1.28	9.57	0.79	4.74	1.08	8.45	0.84	5.3	-0.24	0.16	-0.5	1.12
ILMN_1763605	DIDO1	NM_080797.2	1.18	7.71	2.41	17.97	0.66	3.79	2.17	28.07	1.51	13.93	1.23	6.6
ILMN_2404182	DUOX1	NM_017434.3	1.11	4.2	0.82	2.59	0.88	4.53	1.09	6.75	0.21	0.08	-0.29	0.11
ILMN_1690289	DUOX1	NM_017434.3	1.43	7	1.31	6.32	1.01	8.65	1.07	9.58	0.06	0.01	-0.11	0.03
ILMN_1710622	DUOXA1	NM_144565.2	1.43	10.93	1.11	7.79	1.04	10.68	0.81	6.8	-0.24	0.22	-0.33	0.36
ILMN_1745623	EFCAB4A	NM_173584.3	3.01	18.79	2.03	12.51	1.38	13.63	1.4	13.89	0.01	0	-0.98	3.11
ILMN_1764873	ELAVL1	NM_001419.2	0.05	0.06	1.44	12.95	0.11	0.16	1.69	24.75	1.58	19.48	1.39	10.55
ILMN_1672022	EPHA4	NM_004438.3	1.05	8.27	0.38	1.55	1.26	8.55	0.33	0.63	-0.93	3.39	-0.67	2.95
ILMN_1709237	EPHX2	NM_001979.4	1.07	5.34	0.92	4.3	1.49	10.03	1.27	7.55	-0.22	0.08	-0.15	0.05
ILMN_2148012	EPR1	NR_002219.1	1.47	4.9	1.59	5.66	1.08	5.59	1.15	6.26	0.07	0.01	0.12	0.02
ILMN_1737993	ERBB3	NM_001005915.1	0.89	3.76	1.89	11.6	1.11	7.45	1.38	10.95	0.27	0.16	1	3.34
ILMN_1751346	ERBB3	NM_001982.2	1.28	4.6	1.42	5.57	1.15	7.27	0.96	5.14	-0.2	0.07	0.14	0.03
ILMN_1808011	FAM46B	NM_052943.2	1	6.22	1.57	11.77	0.58	3.6	1.31	15.4	0.73	3.93	0.58	1.47
ILMN_1704571	FAM53B	NM_014661.3	1.67	5.89	1.91	7.33	0.75	4.02	1.1	8.18	0.35	0.35	0.24	0.06
ILMN_1755721	FAM63A	NM_018379.3	1.55	6.92	1.71	8.12	1.55	11.57	1.53	11.32	-0.02	0	0.16	0.04
ILMN_1728799	FBP1	NM_000507.2	1.33	9.48	1.62	12.29	1.39	15.23	1.02	9.05	-0.37	0.58	0.29	0.25
ILMN_1705302	FCGRT	NM_004107.3	1.18	5.75	1.24	6.39	1.09	9.58	0.86	6.34	-0.22	0.15	0.07	0.01
ILMN_1700098	FLJ22531	XM_945497.1	0.67	3.17	1.13	7.58	0.75	4.51	1.13	9.64	0.39	0.53	0.47	0.82
ILMN_2150802	FLJ22795	NM_025084.1	1.28	9.09	1.11	7.52	1.52	15.8	1.37	13.44	-0.15	0.06	-0.17	0.09
ILMN_1691966	FLJ35934	NM_207453.1	1.18	7.4	1.34	9.02	1.36	14.59	1.09	10.01	-0.27	0.26	0.17	0.07
ILMN_1795300	FLJ41603	NM_001001669.2	1.21	9.84	1.23	10.12	0.81	9.68	1	14.03	0.2	0.23	0.02	0
ILMN_2173524	FOXD4	NM_207305.2	0.14	0.15	1.3	7.37	-0.21	0.53	1.19	14.71	1.41	16.21	1.16	4.76
ILMN_1781867	FOXD4L1	NM_012184.4	-0.04	0.04	1.65	13.49	-0.15	0.38	1.23	19.15	1.38	19.68	1.68	11.77
ILMN_2085441	FOXD4L1	NM_012184.3	-0.03	0.03	1.62	13.37	0.02	0.02	1.78	20.37	1.76	17.09	1.65	11.63
ILMN_1712095	FOXO4	NM_005938.2	1.23	5.02	1.54	7.25	1.3	6.89	1.16	5.59	-0.14	0.03	0.31	0.14
ILMN_1791580	FXYD3	NM_005971.2	1.61	11.42	1.53	10.79	1.4	13.7	1.29	12.09	-0.1	0.03	-0.07	0.02
ILMN_1665372	FXYD3	NM_021910.1	1.75	7.07	2.35	10.64	1.57	12.79	1.43	10.96	-0.14	0.04	0.59	0.44
ILMN_1796537	FYB	NM_001465.3	1.5	2.74	1.17	1.82	1.13	2.82	0.73	1.16	-0.4	0.12	-0.33	0.06
ILMN_2324202	GABRE	NM_004961.3	1.84	8.31	1.07	3.67	1.36	6.73	1.31	6.26	-0.05	0.01	-0.77	1.04
ILMN_1784706	GABRE	NM_004961.3	1.66	8.52	0.9	3.33	1.32	5.13	1.2	4.28	-0.12	0.02	-0.76	1.41

ILMN_2102670	GATA2	NM_032638.3	2	12.59	1.84	11.45	0.68	4.32	1.02	9.13	0.34	0.47	-0.16	0.05
ILMN_1699631	GATS	NM_178831.4	0.79	4.14	1.25	8.56	1.19	7.44	1.28	8.51	0.09	0.02	0.46	0.77
ILMN_1774077	GBP2	NM_004120.3	2.95	13.01	2.9	12.82	2.79	19.17	2.63	17.56	-0.17	0.03	-0.04	0.01
ILMN_1694780	GCHFR	NM_005258.2	1.87	8.38	1.78	7.97	1.34	11.21	1.02	6.99	-0.32	0.26	-0.08	0.02
ILMN_1737308	GLRX	NM_002064.1	1.08	3.6	0.7	1.71	1.13	3.95	0.76	1.77	-0.38	0.15	-0.39	0.18
ILMN_2384056	GPER	NM_001039966.1	1.5	11.06	1.04	6.75	1.71	14.25	0.87	4.27	-0.84	2.67	-0.46	0.81
ILMN_1795298	GPER	NM_001039966.1	1.34	11.01	0.83	5.65	1.26	9.29	0.5	1.6	-0.76	2.34	-0.51	1.43
ILMN_2407389	GPNMB	NM_002510.2	1.27	6.45	0.91	3.84	1.32	8.86	1.12	6.6	-0.2	0.07	-0.37	0.26
ILMN_1782944	GPR37L1	NM_004767.3	1.25	9.1	0.86	5.34	1.46	11.99	0.88	4.88	-0.58	1.14	-0.39	0.57
ILMN_1682599	GPRC5A	NM_003979.3	1.55	11.86	0.67	3.53	1.02	9.32	0.49	2.36	-0.53	1.61	-0.88	3.94
ILMN_2133205	GPX2	NM_002083.2	1.01	6.04	1.21	8.04	1.02	11.22	0.77	6.77	-0.25	0.3	0.2	0.11
ILMN_1723706	GRAMD4	NM_015124.2	1.12	7.7	1.06	7.3	0.83	8.71	1.05	12.88	0.21	0.22	-0.05	0.02
ILMN_1801043	GSN	NM_198252.2	2.38	11.45	2.15	10.07	1.29	12.35	1.37	13.66	0.08	0.02	-0.24	0.07
ILMN_1787518	GSN	NM_000177.3	1.87	7.88	1.56	6.16	1.33	11.36	1.67	16.53	0.34	0.32	-0.31	0.1
ILMN_2201580	GSTM2	NM_000848.2	1.15	7.2	1.62	11.49	1.01	7.75	1.38	13.22	0.37	0.46	0.47	0.73
ILMN_2211728	GUCA1B	NM_002098.3	-0.23	0.57	1.17	9.42	-0.48	2.43	1.01	10.04	1.49	16.1	1.41	10
ILMN_1708728	H2AFJ	NM_177925.2	1.31	7.07	1.26	6.84	1.07	9.8	1.01	8.8	-0.06	0.02	-0.05	0.01
ILMN_2318568	HCFC1R1	NM_001002018.1	1.08	6.29	1.08	6.37	1.57	18.17	1.56	18.16	-0.01	0	-0.01	0
ILMN_1710284	HES1	NM_005524.2	0.58	1.64	2.65	16.23	1.34	15.75	1.88	26.16	0.54	1.9	2.07	10.49
ILMN_2094266	HES2	NM_019089.3	1.75	13.08	1.26	8.68	1.19	16.51	1.16	15.83	-0.03	0.01	-0.49	0.92
ILMN_1794742	HES5	NM_001010926.2	1.34	4.47	0.94	2.5	1.07	11.1	0.63	4.28	-0.44	1.12	-0.4	0.16
ILMN_1652762	HIC2	NM_015094.2	-0.1	0.14	1.37	10.89	0.73	6.38	1.39	19.06	0.66	3.77	1.48	10
ILMN_1757406	HIST1H1C	NM_005319.3	1.03	4.95	1.1	5.6	1.49	10.71	1.23	7.61	-0.27	0.13	0.07	0.02
ILMN_1756849	HIST1H2AE	NM_021052.2	1.3	4.22	2.02	8.44	0.95	8.65	1.45	17.49	0.5	1.47	0.72	0.68
ILMN_1686478	HIST1H2AG	NM_021064.3	0.9	2.62	1.3	5.06	1.38	10.85	1.78	16.52	0.4	0.41	0.4	0.2
ILMN_1651496	HIST1H2BD	NM_138720.1	1.17	5.57	1.19	5.83	1.57	13.59	1.35	10.6	-0.22	0.1	0.02	0
ILMN_1758623	HIST1H2BD	NM_138720.1	1.71	7.12	1.78	7.7	1.84	14.69	1.64	12.11	-0.21	0.07	0.08	0.01
ILMN_1716195	HIST1H2BG	NM_003518.3	0.19	0.22	1.11	5.11	0.68	4.03	1.22	11.48	0.53	1.42	0.91	2.47
ILMN_1749368	HIST1H3H	NM_003536.2	1.21	6.2	1.99	12.34	1.2	11.22	1.82	21.85	0.62	2.13	0.78	1.9
ILMN_1681542	HIST1H4E	NM_003545.3	0.04	0.02	1.01	3.22	0.44	0.99	1.27	8.24	0.84	2.46	0.98	1.84
ILMN_1659047	HIST2H2AA3	NM_003516.2	1.71	8.47	1.81	9.27	1.9	19.03	1.87	18.75	-0.03	0	0.1	0.02
ILMN_2144426	HIST2H2AA3	NM_003516.2	1.45	12.02	1.53	12.91	1.6	19.32	1.5	17.57	-0.1	0.04	0.09	0.03
ILMN_1732071	HIST2H2BE	NM_003528.2	1.13	5.87	0.89	4.11	1.41	11.14	1.28	9.54	-0.12	0.04	-0.24	0.11
ILMN_2186806	HLA-F	NM_018950.1	1.02	6.12	0.8	4.29	1.01	8.81	1.24	12.55	0.23	0.17	-0.22	0.12
ILMN_2166457	HPGD	NM_000860.3	1.15	4.82	1.63	8.32	1.27	11.36	1.35	12.69	0.08	0.02	0.48	0.4
ILMN_2193706	HRK	NM_003806.1	1.36	10.71	0.82	5.23	1.17	10.91	1.23	11.95	0.06	0.02	-0.54	1.52
ILMN_1863284			0.9	6.94	1.05	8.85	1.13	11.96	1.16	12.64	0.04	0.01	0.16	0.1
ILMN_1904401			0.11	0.08	1.32	5.12	0.12	0.15	1.73	19.6	1.61	14.83	1.21	3.1
ILMN_1852793			0.3	1.09	1.81	17.34	0.15	0.31	1.6	24.55	1.45	18.32	1.51	12.32
ILMN_1857335			1.81	11.42	2.09	13.52	1.51	15.49	1.51	15.55	0	0	0.28	0.16
ILMN_1868866			1	5.97	1.37	9.53	1.09	8.82	0.85	5.57	-0.24	0.16	0.37	0.42
ILMN_1856480			1.01	4.98	1.54	9.4	0.9	5.14	1.35	10.81	0.46	0.63	0.53	0.76
ILMN_1907947			0.11	0.15	1.37	10.46	0.39	1.61	1.45	18.16	1.06	8.66	1.25	7.61
ILMN_1878029			1.01	5.24	1.43	9.02	0.64	3.59	1.24	11.96	0.6	1.95	0.43	0.49
ILMN_1863962			1.64	11.57	1.63	11.5	2.06	13.65	1.49	7.84	-0.57	0.54	-0.01	0
ILMN_1886963			0.11	0.19	1.33	11.99	0.18	0.48	1.69	28.22	1.5	20.83	1.22	8.87
ILMN_1887008			-0.1	0.1	1.22	6.53	0.12	0.17	1.26	13.97	1.14	9.57	1.32	5.74
ILMN_1911503			1.19	2.99	0.71	1.23	1.37	6.83	1.21	5.45	-0.16	0.04	-0.48	0.19
ILMN_1836218			1.11	5.19	1.4	7.55	1.59	17.63	1.7	19.57	0.11	0.04	0.29	0.15
ILMN_1871457			1.23	7.41	1.86	12.88	1.57	18.47	1.42	15.85	-0.15	0.07	0.63	1.49
ILMN_1908274			0.82	2.51	2.09	10.83	0.62	3.99	1.49	18.39	0.87	5.56	1.26	3.9
ILMN_1838767			1.9	13.5	1.93	13.65	2.07	27.23	1.9	24.14	-0.18	0.1	0.02	0
ILMN_1861057			0.59	1.75	1.39	7.66	-0.22	0.53	0.91	8.63	1.13	10.25	0.8	2.02
ILMN_1838407			-1.01	4.38	0.09	0.08	-0.44	1.28	0.56	2.1	1	4.78	1.1	3.73
ILMN_1817656			-0.07	0.08	1.24	9.39	-0.18	0.6	0.85	12.2	1.04	14.16	1.3	8.24
ILMN_1857295			1	8.05	0.94	7.44	1.29	10.47	1.37	11.67	0.08	0.02	-0.06	0.02
ILMN_1881081			1.7	9.44	1.74	9.84	2.19	16.35	1.27	6.44	-0.92	2.24	0.04	0.01
ILMN_1880215			1.28	5.32	1.55	7.28	1.41	6.4	1.56	7.7	0.15	0.03	0.27	0.1
ILMN_1720710	HSPB3	NM_006308.1	2.01	13.12	1.1	5.89	1.81	21.98	1.58	17.96	-0.23	0.16	-0.91	2.99
ILMN_1726678	HSPC047	NM_014147.1	1.93	13.87	1.05	6.26	0.94	8.02	1.07	10.19	0.14	0.06	-0.88	3.34
ILMN_1665832	ID1	NM_181353.1	1.66	5.56	1.13	3.05	2.38	27.23	1.92	20.03	-0.46	0.72	-0.52	0.25
ILMN_1732296	ID3	NM_002167.2	1.3	7.51	1.06	5.64	2.25	30.89	1.3	13.77	-0.95	6.21	-0.24	0.12
ILMN_1745374	IFI35	NM_005533.2	1.05	4.45	1.42	7.33	1.08	11.99	1.13	13.01	0.05	0.01	0.38	0.25
ILMN_1801246	IFITM1	NM_003641.3	1.48	9.44	1.8	12.26	1.51	19.93	1.27	15.27	-0.24	0.24	0.32	0.25

ILMN_1725193	IGFBP2	NM_000597.2	1.01	5.43	1.16	6.86	1.06	7.46	0.92	5.67	-0.15	0.05	0.15	0.06
ILMN_1683328	IHPK2	NM_001005910.1	0.82	3.69	1.26	7.4	1.17	12.75	1.15	12.58	-0.01	0	0.44	0.49
ILMN_2328835	IHPK2	NM_016291.2	0.85	2.78	1.24	5.41	0.81	5.02	1.35	12.53	0.54	1.29	0.39	0.23
ILMN_1724181	IL15	NM_000585.2	0.82	4.72	1.21	8.63	1.62	14.27	1.42	11.5	-0.2	0.08	0.39	0.54
ILMN_1809141	ING4	NM_016162.2	1.04	6.99	1.01	6.78	0.92	7.23	1.09	9.86	0.18	0.09	-0.03	0.01
ILMN_1747934	ISYNA1	NM_016368.3	1.16	6.07	1.26	6.97	1.15	9.17	1.32	11.6	0.17	0.07	0.1	0.03
ILMN_1700817	KIAA0774	NM_001033602.2	1.14	6.83	1.24	7.82	1.58	13.81	1.38	10.98	-0.2	0.09	0.1	0.03
ILMN_1677347	KIAA0774	NM_015233.5	0.98	3.74	1.43	7.03	1.89	14.81	1.45	9.48	-0.44	0.39	0.45	0.36
ILMN_2289093	KIAA1618	NM_020954.2	1.35	10.07	1.59	12.39	0.74	5.96	1.53	20.37	0.79	5	0.23	0.16
ILMN_1735930	KLF2	NM_016270.2	0.65	2	1.3	6.7	0.47	1.64	1.43	13.53	0.96	5.07	0.65	1.12
ILMN_1735014	KLF6	NM_001300.4	0.68	1.34	1.17	3.77	0.93	8.21	1.57	19.47	0.63	2.68	0.49	0.27
ILMN_1701918	KLHDC9	NM_001007256.1	1.28	7.07	1.52	9.11	1.15	10.65	1.02	8.69	-0.13	0.05	0.24	0.11
ILMN_1688205	KLK10	NM_002776.4	1.45	7.9	1.44	7.91	1.08	13.16	1.19	15.43	0.11	0.05	-0.01	0
ILMN_1695924	KLK11	NM_144947.1	1.69	17.13	1.64	16.51	1.58	22.8	1.52	21.56	-0.06	0.02	-0.05	0.02
ILMN_1745570	KLK7	NM_005046.2	1.96	12.87	1.93	12.63	1.91	24.59	2.05	27.14	0.14	0.06	-0.04	0.01
ILMN_1735700	KLK8	NM_007196.2	1.15	5.33	1.53	8.34	1.21	13.74	1.21	13.84	0	0	0.38	0.27
ILMN_1716093	KRT10	NM_000421.2	2.35	15.55	2.29	15.16	1.91	25.12	1.91	25.09	0	0	-0.06	0.01
ILMN_1721218	KRT13	NM_002274.3	2.1	12.93	2.05	12.6	1.63	20.01	1.73	21.95	0.1	0.04	-0.05	0.01
ILMN_1770612	KRT15	NM_002275.2	2.2	10.91	2.28	11.41	1.96	28.73	1.96	28.8	0	0	0.07	0.01
ILMN_1695621	KRT3	NM_057088.2	1.35	8.36	1.53	9.98	1.28	15.39	1.42	18.24	0.14	0.07	0.18	0.07
ILMN_1721354	KRT6B	NM_005555.3	0.95	5.87	1.11	7.48	1.15	10.41	1.39	14.26	0.24	0.17	0.15	0.07
ILMN_1752968	LAMB2	NM_002292.3	1.52	5.48	1.55	5.74	1.47	11.53	1.33	9.78	-0.14	0.04	0.03	0
ILMN_1660317	LEFTY1	NM_020997.2	1.76	11.32	1.23	7.02	0.48	3.1	1.22	16.58	0.74	5.28	-0.53	0.81
ILMN_1785444	LEMD1	NM_001001552.3	2.4	10.31	1.76	6.81	1.96	18.56	1.57	13.06	-0.39	0.38	-0.64	0.48
ILMN_1661708	LGALS7	NM_002307.1	1.79	14.04	1.44	10.8	1.46	15.17	1.34	13.18	-0.12	0.04	-0.35	0.42
ILMN_1660624	LIMK2	NM_001031801.1	1.8	14.41	1.95	15.75	2.24	23.94	2.3	24.94	0.07	0.01	0.15	0.08
ILMN_2235851	LINCR	NM_001080535.1	1.39	9.36	1.56	10.86	1.04	7.89	0.95	6.7	-0.09	0.02	0.16	0.07
ILMN_1668194	LMTK3	XM_936372.2	1.26	9.14	1.16	8.27	1.54	14.61	1.43	12.95	-0.11	0.03	-0.1	0.04
ILMN_1803889	LOC146439	XM_085463.7	1.62	10.7	1.66	11.14	1.05	4.55	1.24	6.23	0.19	0.05	0.05	0.01
ILMN_1703316	LOC255783	NR_002797.1	1.31	9.86	1.66	13.26	1.13	9.55	1.16	9.94	0.03	0.01	0.35	0.45
ILMN_2170625	LOC389286	NM_001018022.1	0.88	2.14	1.34	4.58	1.17	2.65	0.88	1.5	-0.29	0.06	0.46	0.22
ILMN_1770994	LOC440900	XM_498909.3	-0.14	0.25	1.08	8.32	-0.07	0.08	1.22	13.29	1.29	12.16	1.22	8.04
ILMN_1765032	LOC440993	NM_001013714.1	1.63	14.31	1.94	16.99	1.44	16.36	1.63	19.79	0.18	0.11	0.31	0.39
ILMN_1743755	LOC441150	XM_001134411.1	1.66	10.01	2.14	13.65	1.27	11.95	1.74	19.94	0.47	0.99	0.48	0.55
ILMN_1743943	LOC441737	XM_497474.2	-0.26	0.48	1.44	9.66	0.12	0.13	1.89	19.92	1.77	15.31	1.7	10
ILMN_1770818	LOC642342	XM_925876.1	0.8	1.91	1.91	8.36	0.8	2.93	1.11	5.49	0.3	0.15	1.12	2.39
ILMN_1743078	LOC643031	XM_926402.1	1.6	8.74	2.12	12.63	1.15	6.38	1.24	7.34	0.09	0.02	0.52	0.58
ILMN_1692956	LOC643949	XR_018645.1	0.81	2.74	1.1	4.72	1.33	10.82	1.39	11.62	0.06	0.01	0.28	0.12
ILMN_1661743	LOC644760	XM_932354.1	1.2	5.6	0.88	3.47	1.76	10.56	1.2	5.33	-0.56	0.51	-0.32	0.17
ILMN_1661078	LOC644844	XM_927939.2	2.85	13.13	2.73	12.56	1.95	18.75	1.87	17.65	-0.08	0.02	-0.12	0.02
ILMN_1737991	LOC650298	XM_939387.1	0.92	5.52	1.13	7.61	0.91	8.74	1.12	12.34	0.2	0.16	0.21	0.12
ILMN_1657348	LOC650909	XM_939995.2	1.75	6.04	1.96	7.29	0.95	6.69	1.08	8.44	0.13	0.05	0.21	0.04
ILMN_1709948	LOC651453	XM_940610.1	0.87	2.46	1.03	3.48	1.43	9.75	1.56	11.4	0.14	0.04	0.16	0.04
ILMN_1736316	LOC652767	XM_942408.1	1.1	6.41	1.27	8.02	1.19	9.31	0.83	4.82	-0.36	0.38	0.17	0.07
ILMN_1722032	LOC653060	XM_925779.1	0.24	0.78	1.22	12.18	0.47	1.47	1.04	7.06	0.57	1.23	0.99	7.53
ILMN_1655949	LOC653107	XM_931353.1	1.81	7.43	1.82	7.61	1.47	9.33	0.8	2.98	-0.67	1.15	0.01	0
ILMN_1695435	LOC653610	XM_928387.1	1.03	5.8	1.08	6.45	0.87	6.81	1.07	9.99	0.21	0.14	0.06	0.02
ILMN_1668027	LOC727762	XM_001125898.1	0.29	0.52	1.56	9.84	0.19	0.38	1.54	19.42	1.35	13.3	1.27	5.86
ILMN_1658569	LOC728910	XM_001128786.1	2	14.34	1.79	12.64	1.35	13.85	1.27	12.63	-0.08	0.02	-0.21	0.11
ILMN_1704014	LOC730256	XM_001134398.1	1.45	8.37	1.12	5.85	1.44	14.92	0.99	7.84	-0.45	0.89	-0.33	0.22
ILMN_2157075	LRCH4	NM_002319.3	0.66	2.31	1.03	5.15	0.78	6.74	1.01	10.64	0.23	0.22	0.37	0.3
ILMN_1739605	LYPD3	NM_014400.2	1.22	10.08	0.89	6.56	1.11	13.74	1	11.64	-0.11	0.05	-0.33	0.48
ILMN_1719543	MAF	NM_005360.3	1.59	10.72	1.05	6.02	1.26	7.25	0.68	2.26	-0.57	0.76	-0.55	1.02
ILMN_1730202	MAGEF1	NM_022149.4	1.14	4.59	0.83	2.75	1.14	12.72	0.64	4.56	-0.5	1.66	-0.31	0.14
ILMN_2320330	MAL	NM_002371.2	2.75	11.6	3.02	12.98	3.4	24.91	3.15	22.33	-0.25	0.06	0.27	0.07
ILMN_1663640	MAOA	NM_000240.2	1.14	5.71	1.2	6.32	1.23	11.08	1.12	9.49	-0.11	0.03	0.06	0.01
ILMN_1724064	MAG27348	XM_171158.5	0.02	0.02	1.22	9.69	-0.12	0.19	1.34	17.06	1.46	16.55	1.2	7.72
ILMN_1814106	MGC59937	NM_199001.1	1.52	11.79	1.1	7.7	1.25	16.89	1.06	12.9	-0.19	0.17	-0.42	0.71
ILMN_2073758	MMP12	NM_002426.2	2.44	12.31	2.32	11.57	3.19	17.06	2.58	12.13	-0.61	0.3	-0.13	0.03
ILMN_1768035	MMP12	NM_002426.2	1.32	2.91	1.24	2.72	2.06	8.11	1.74	5.99	-0.31	0.07	-0.08	0.01
ILMN_1663873	MMP13	NM_002427.2	1.45	5.62	1.21	4.33	1.22	4.42	0.74	1.61	-0.49	0.27	-0.24	0.07
ILMN_1791508	MMP28	NM_024302.3	1.74	8.04	1.35	5.63	1.41	13.36	1.26	10.98	-0.16	0.06	-0.39	0.2
ILMN_1775016	MPZL2	NM_144765.1	0.8	4.92	1.06	7.72	1.36	18.69	0.82	8.17	-0.53	2.36	0.26	0.23
ILMN_1730007	MPZL2	NM_144765.1	0.87	3.62	1.06	5.25	1.1	9.14	0.78	4.88	-0.32	0.33	0.2	0.08

ILMN_1707464	MST1	NM_020998.2	1.42	7.77	1.89	11.48	1.71	17.78	1.7	17.66	-0.01	0	0.47	0.49
ILMN_2124802	MT1H	NM_005951.2	0.72	2.45	1.19	5.87	1.09	7	0.95	5.51	-0.13	0.04	0.47	0.46
ILMN_2371911	MUC1	NM_001044390.1	1.21	4.94	1.44	6.62	0.92	6.45	1.26	11.23	0.34	0.37	0.23	0.08
ILMN_1756992	MUC1	NM_001044391.1	1.54	9.99	1.8	12.19	1.05	11.71	1.19	14.55	0.14	0.08	0.25	0.14
ILMN_2125346	MUC16	NM_024690.2	2.38	14.34	2.29	13.66	2.68	26.13	2.54	24.33	-0.14	0.04	-0.09	0.02
ILMN_1803277	MVP	NM_005115.3	1.81	7.55	1.97	8.63	1.25	10.73	0.97	6.84	-0.28	0.22	0.16	0.04
ILMN_2181125	NAPB	NM_022080.1	0.61	3.25	1.11	8.45	0.46	1.82	1.02	8.59	0.56	1.68	0.5	1.27
ILMN_1692169	NAT5	NM_181527.2	-0.19	0.2	0.82	2.88	-0.09	0.13	1.31	16.73	1.4	15.79	1.01	2.79
ILMN_1796642	NCF2	NM_000433.2	1.16	5.05	0.94	3.66	1.57	10.53	1.31	7.62	-0.27	0.11	-0.22	0.08
ILMN_2305225	NDRG4	NM_022910.1	3.59	19.88	3.26	18.22	3.38	20.09	3.23	18.91	-0.14	0.02	-0.32	0.16
ILMN_1773154	NFKBIA	NM_020529.1	-0.35	0.59	1.05	4.5	0.62	3	1.19	10.07	0.57	1.46	1.4	5.45
ILMN_1809613	NGEF	NM_019850.1	1.01	6.49	0.69	3.54	0.34	1	1.03	8.97	0.7	2.92	-0.33	0.35
ILMN_1807211	NICN1	NM_032316.3	0.99	7.68	1.04	8.41	1.25	21.04	1.17	19.06	-0.08	0.04	0.05	0.02
ILMN_2162253	NMU	NM_006681.1	1.18	7.79	1.38	9.79	1.05	10.53	1.17	12.64	0.12	0.05	0.2	0.11
ILMN_1729161	NOTCH1	NM_017617.3	1.64	14.8	1.23	10.59	1.24	15.76	1.31	17.38	0.08	0.03	-0.41	0.9
ILMN_1658926	NOTCH3	NM_000435.1	1.64	9.95	1.4	8.13	1.51	13.38	1.47	12.89	-0.04	0.01	-0.24	0.11
ILMN_1799589	NOXA1	NM_006647.1	1.81	9.15	1.8	9.14	1.58	18.81	1.19	11.86	-0.4	0.71	-0.02	0
ILMN_1742151	NRG2	NM_013985.1	0.7	2.86	1.24	7.4	1.56	10.53	1.33	7.99	-0.23	0.08	0.54	0.91
ILMN_1787885	NUDT18	NM_024815.3	1.05	8.58	1.24	10.71	1.21	16	1.26	17.14	0.05	0.01	0.19	0.13
ILMN_2404688	NUPR1	NM_001042483.1	1.31	6.82	0.53	1.5	1.08	6.22	0.77	3.28	-0.31	0.19	-0.78	1.84
ILMN_2410826	OAS1	NM_001032409.1	1.18	4.39	1.84	8.75	1.61	15.44	1.09	8.02	-0.52	1	0.66	0.73
ILMN_2116877	OLFM4	NM_006418.3	2.19	9.84	2.17	9.76	3.23	25.99	2.86	21.9	-0.37	0.17	-0.03	0
ILMN_1722426	OR7D2	NM_175883.1	0.54	2.73	1.1	8.74	0.65	4.1	1.38	15.73	0.73	3.68	0.56	1.88
ILMN_2099745	P53AIP1	NM_022112.1	0.01	0.01	1.26	7.56	-0.07	0.11	1.07	14.26	1.15	13.33	1.24	5.85
ILMN_1812031	PALM	NM_002579.2	1.77	12.82	1.38	9.38	1.78	17.87	1.86	19.11	0.07	0.02	-0.4	0.48
ILMN_1710495	PAPLN	NM_173462.3	1.16	5.12	0.42	0.87	1.52	14.01	1.07	7.73	-0.45	0.66	-0.74	1.38
ILMN_2372136	PH-4	NM_177938.2	1.12	7.52	1.09	7.34	1.41	16.36	1	9.28	-0.41	0.82	-0.03	0.01
ILMN_1693192	PI3	NM_002638.2	1.45	5.93	1.71	7.77	1.6	10.64	1.5	9.55	-0.1	0.02	0.27	0.09
ILMN_1666924	PINK1	NM_032409.2	1.1	6.86	0.69	3.32	1.25	8.58	0.79	3.7	-0.45	0.54	-0.41	0.54
ILMN_2383383	PIR	NM_001018109.1	1.15	7.69	1.17	8.02	1.4	21.57	1.2	17.1	-0.2	0.21	0.02	0
ILMN_1720034	PKHD1	NM_138694.3	1.18	4.01	1.33	5.05	0.83	5.11	1.33	11.89	0.5	0.99	0.15	0.04
ILMN_1663454	PKP1	NM_001005337.1	1.53	9.43	1.35	8.06	0.84	5.22	1.03	7.49	0.18	0.08	-0.18	0.07
ILMN_1762561	PLA2G10	NM_003561.1	3.71	18.92	3.12	16.06	3.53	24.71	3.16	21.03	-0.38	0.13	-0.59	0.52
ILMN_1653026	PLAC8	NM_016619.1	0.71	2.24	1.08	4.84	1	7.68	0.95	7	-0.05	0.01	0.38	0.25
ILMN_1797557	PLEKHA6	NM_014935.2	1.53	11.3	1.02	6.62	1.53	13.85	0.98	6.42	-0.55	1.12	-0.5	1.01
ILMN_1702899	PLEKHA7	NM_175058.3	0.8	6.71	1.28	12.72	1.16	14.74	1.6	24.25	0.44	1.51	0.48	1.83
ILMN_1708041	PLEKHF1	NM_024310.4	0.88	5.5	2.05	16.5	0.86	7	1.14	11.5	0.28	0.3	1.17	6.83
ILMN_1804652	PLEKHH3	NM_024927.3	1.3	11.31	0.84	6.21	1.09	8.72	0.99	7.29	-0.1	0.03	-0.46	1.27
ILMN_1742330	PLXNB1	NM_002673.3	1.53	6.88	1.44	6.38	1.06	11.22	1.19	13.68	0.13	0.06	-0.1	0.02
ILMN_1662587	PNPLA7	NM_152286.2	1.69	8.51	1.61	8.08	1.18	5.75	0.83	2.95	-0.35	0.18	-0.08	0.02
ILMN_1748831	PPP1R13B	NM_015316.2	1.28	11.74	1.4	13.07	0.98	10.39	1.31	16.91	0.33	0.61	0.12	0.06
ILMN_1801105	PRKCD	NM_006254.3	1.91	16.85	1.56	13.49	1.63	16.15	1.4	12.59	-0.23	0.14	-0.35	0.56
ILMN_1671365	PRODH	NM_016335.2	2.3	8.02	2.58	9.51	1.67	13.39	1.5	11.18	-0.17	0.06	0.28	0.06
ILMN_1761946	PROM2	NM_144707.1	1.45	14.97	1.26	12.72	1.3	19.07	1.18	16.42	-0.12	0.07	-0.2	0.2
ILMN_2064150	PRRG2	NM_000951.1	1.83	13.13	1.87	13.5	1.47	16.95	1.27	13.43	-0.2	0.13	0.04	0.01
ILMN_2377459	PSCD2	NM_004228.4	1.29	5.75	1.06	4.29	1.33	15	1.21	12.85	-0.12	0.05	-0.23	0.08
ILMN_1698766	PYCARD	NM_013258.3	1.44	10.09	1.73	12.71	1.06	12.13	0.93	9.62	-0.14	0.07	0.28	0.22
ILMN_1731699	RAB15	NM_198686.1	1.14	2.88	0.67	1.14	1.12	5.09	1.09	4.8	-0.03	0	-0.47	0.19
ILMN_1790317	RAB26	NM_014353.4	1.91	8.26	1.99	8.86	1.72	10.13	1.58	8.68	-0.15	0.03	0.08	0.01
ILMN_2230566	RAB40B	NM_006822.1	0.92	4.72	1.04	5.92	1.43	15.31	1.05	9.05	-0.39	0.6	0.13	0.04
ILMN_1659836	RAET1G	NM_001001788.2	1.07	5.58	1.06	5.62	1.32	10.84	0.95	6.11	-0.36	0.37	-0.01	0
ILMN_2206126	RAET1L	NM_130900.2	1.44	7.33	1.29	6.33	1.17	8.44	0.7	3.23	-0.47	0.68	-0.15	0.05
ILMN_1758613	RAPGEFL1	NM_016339.2	1.02	7.27	1.02	7.39	1.08	10.21	0.92	7.69	-0.16	0.08	0	0
ILMN_1665135	RBBP6	NM_032626.5	1.07	4.67	1.19	5.69	1.39	12.78	1.87	20.35	0.47	0.83	0.12	0.03
ILMN_1747968	RBM33	NM_001008408.3	0.51	1.8	1.41	9.59	0.31	1.07	1.03	10.77	0.72	4.01	0.9	3.56
ILMN_1762803	RFXDC2	NM_022841.4	0.1	0.05	1.54	4.64	-0.63	2.22	0.77	3.28	1.4	7.93	1.45	2.85
ILMN_1717636	RGMA	NM_020211.1	-0.02	0.01	1.02	5.77	1.01	7.66	0.99	7.39	-0.02	0	1.03	4.42
ILMN_1698484	RHOV	NM_133639.2	0.82	1.51	1.72	5.68	1.43	9.68	1.7	12.92	0.26	0.12	0.9	0.92
ILMN_1680018	RIPK4	NM_020639.2	1.02	4.69	1.26	6.68	2.27	21.87	1.79	15.14	-0.48	0.59	0.24	0.11
ILMN_1713369	RPL13A	NM_012423.2	1.03	6.76	1.09	7.42	1.08	8.16	1.02	7.31	-0.06	0.01	0.06	0.02
ILMN_2298818	RPS29	NM_001030001.1	1.71	8.58	2.43	13.44	2.3	27.32	2.92	37.06	0.61	1.71	0.72	1.14
ILMN_1687315	RXRA	NM_002957.3	1.75	17.42	1.48	14.55	1.02	12.82	0.93	11	-0.09	0.04	-0.27	0.39
ILMN_1688780	S100A4	NM_019554.2	1.99	7.36	1.67	5.75	2.61	17.04	2.4	15.05	-0.2	0.04	-0.32	0.09
ILMN_1684306	S100A4	NM_019554.2	1.77	6.14	1.54	5.08	2.22	15.13	2.24	15.3	0.01	0	-0.22	0.05

ILMN_1729801	S100A8	NM_002964.3	1.01	4.59	0.75	2.9	1	6.05	1.03	6.46	0.04	0.01	-0.25	0.12
ILMN_1728298	SBK1	NM_001024401.2	1.02	6.82	1.05	7.23	1.27	16.42	0.7	5.85	-0.57	2.68	0.03	0.01
ILMN_2372011	SCAND1	NM_033630.1	1.22	6.45	1.49	8.72	1.02	12.06	1.22	16.34	0.21	0.2	0.27	0.14
ILMN_1794230	SCAND1	NM_016558.2	1.4	9.65	1.56	11.13	0.8	8.04	1.05	12.9	0.25	0.34	0.16	0.07
ILMN_1655347	SCGB1A1	NM_003357.3	3.67	11.28	3.44	10.43	3.55	28.64	3.62	29.41	0.06	0.01	-0.23	0.03
ILMN_1713995	SCNN1A	NM_001038.4	2.07	14.74	2.1	15.01	2.04	22.48	1.82	19.08	-0.21	0.11	0.04	0.01
ILMN_2153837	SCNN1G	NM_001039.2	1.39	9.23	0.63	2.69	1.1	6.18	0.41	0.88	-0.69	1.46	-0.76	2.49
ILMN_1767470	SCPEP1	NM_021626.1	1.31	9.38	1.12	7.67	1.38	12.32	1.11	8.51	-0.27	0.19	-0.19	0.1
ILMN_2376822	SDCBP2	NM_015685.3	2.26	11.54	2	9.95	1.81	12.78	1.72	11.78	-0.09	0.02	-0.26	0.09
ILMN_1700310	SDCBP2	NM_080489.3	2.54	16.38	2.4	15.4	2.34	17.74	2.33	17.69	-0.01	0	-0.14	0.04
ILMN_1680652	SELENBP1	NM_003944.2	0.91	3.89	1.24	6.6	1	8.71	0.77	5.35	-0.24	0.18	0.33	0.22
ILMN_1703855	SERPINB3	NM_006919.1	1.52	7.79	1.69	9.14	2	14.25	2.12	15.71	0.12	0.02	0.17	0.05
ILMN_2216918	SHPK	NM_013276.2	0.47	3.38	1.03	11.14	0.59	4.77	1.05	13.41	0.46	1.85	0.56	3.29
ILMN_1791912	SIDT2	NM_001040455.1	0.94	6.26	1.26	9.53	1.07	9.85	1.38	15.14	0.31	0.37	0.31	0.34
ILMN_1755649	SLC16A5	NM_004695.2	1.27	14.15	1.15	12.63	1.13	18.36	1.02	15.78	-0.11	0.07	-0.12	0.09
ILMN_1679949	SLC25A23	NM_024103.2	1.21	8.23	1.42	10.31	1.01	13.29	1.19	17.37	0.18	0.17	0.21	0.12
ILMN_1709399	SLC25A34	NM_207348.1	-0.59	2.73	0.49	2.08	-0.05	0.06	0.95	8.8	1	7.63	1.08	5.93
ILMN_1810025	SLC39A2	NM_014579.1	3.07	12.1	2.83	11	2.92	28.07	2.61	24.15	-0.31	0.16	-0.23	0.05
ILMN_1678928	SLCO3A1	NM_013272.2	0.83	4.84	1.05	7.03	0.81	6.53	1.07	10.61	0.25	0.25	0.21	0.13
ILMN_2114720	SLPI	NM_003064.2	2.1	10.94	2.09	10.9	2.5	13.98	2.54	14.41	0.04	0	-0.01	0
ILMN_1717639	SNF1LK	NM_173354.3	1.29	5.46	1.27	5.42	0.37	1.23	1.05	9.34	0.67	2.8	-0.03	0
ILMN_1669210	SNORD16	NR_002440.1	-0.07	0.05	1.04	3.91	0.33	0.66	2.1	20.82	1.76	13.4	1.11	2.99
ILMN_1694367	SNORD35B	NR_001285.1	0.74	2.15	1.81	9.31	0.73	3.99	1.43	13.41	0.7	2.41	1.07	2.92
ILMN_1676099	SPON2	NM_012445.1	1.76	6.75	1.71	6.59	0.99	5.74	1.04	6.27	0.05	0.01	-0.05	0.01
ILMN_1716591	SPRR1A	NM_005987.2	1.84	6.45	2.18	8.37	2.13	24.48	2.18	25.33	0.05	0.01	0.34	0.1
ILMN_1663035	SREBF1	NM_001005291.1	1.49	10.43	1.31	8.86	1.13	9.13	1.08	8.47	-0.05	0.01	-0.18	0.09
ILMN_1755234	SSH3	NM_017857.2	1.14	9.61	0.8	5.79	1.18	16.59	1	12.67	-0.18	0.17	-0.35	0.59
ILMN_1775486	SSPN	NM_005086.3	1.15	6.61	1.11	6.42	1.53	13.43	1.51	13.09	-0.03	0	-0.04	0.01
ILMN_1658706	ST6GALNAC2	NM_006456.1	1.41	9.06	1.1	6.43	1.28	8.65	0.88	4.32	-0.4	0.37	-0.31	0.24
ILMN_1668592	STON1	NM_006873.2	1.29	5.07	1.4	5.93	1.3	7.34	0.64	1.86	-0.66	1.06	0.11	0.03
ILMN_1727805	SYNGR1	NM_004711.3	0.95	6.5	1.53	12.45	0.94	8.68	1.14	12.11	0.2	0.14	0.58	1.75
ILMN_1750785	SYTL1	NM_032872.1	1.48	5.91	1.4	5.59	0.99	5.29	1.14	6.85	0.15	0.04	-0.07	0.01
ILMN_2153679	TBC1D3B	NM_001001417.4	2.09	7.18	2.31	8.45	1.04	5.63	1.19	7.16	0.15	0.04	0.23	0.05
ILMN_2068991	TBC1D3G	NM_001040282.1	1.87	5.8	1.83	5.74	1	5.62	1.11	6.85	0.11	0.03	-0.04	0
ILMN_1726928	TCEA3	NM_003196.1	1.65	12.31	1.53	11.25	1.75	23.13	1.47	17.86	-0.28	0.31	-0.12	0.05
ILMN_1768469	TCN1	NM_001062.3	1.36	2.78	1.34	2.82	1.16	4.12	0.93	2.67	-0.23	0.06	-0.02	0
ILMN_1784287	TGFBR3	NM_003243.2	0.76	4.56	1.03	7.39	1.19	14.31	1.11	12.73	-0.08	0.03	0.27	0.24
ILMN_1721134	TGM1	NM_000359.2	1.29	7.46	0.93	4.6	1.59	15.96	1.24	10.66	-0.35	0.37	-0.36	0.31
ILMN_1804663	THBS3	NM_007112.3	1.17	3.74	1.02	3.07	1.61	10.22	1.43	8.29	-0.18	0.05	-0.15	0.03
ILMN_1724863	TICAM1	NM_182919.1	1.1	4.97	1.3	6.54	0.87	8.74	1.09	12.88	0.22	0.22	0.19	0.07
ILMN_1701461	TIMP3	NM_000362.4	1.76	6.21	1.09	2.93	1.5	6.13	1.21	4.06	-0.29	0.08	-0.66	0.46
ILMN_1697420	TINF2	NM_012461.1	1.12	3.93	0.95	3.06	1.06	6.57	0.58	2.06	-0.48	0.64	-0.17	0.04
ILMN_1659610	TJP3	NM_014428.1	3.1	12.16	3.08	12.11	2.7	17.74	2.39	14.71	-0.31	0.09	-0.02	0
ILMN_2340721	TMEM134	NM_001078651.1	1.1	5.03	1.38	7.24	1.04	8.66	1.01	8.32	-0.02	0	0.28	0.13
ILMN_1670672	TMEM37	NM_183240.2	1.33	8.1	1.48	9.48	1.43	10.74	1.07	6.36	-0.37	0.3	0.15	0.05
ILMN_2090802	TMEM79	NM_032323.1	1.92	15.39	1.67	13.2	1.49	17.6	1.06	10.05	-0.43	0.95	-0.25	0.19
ILMN_1794560	TMEM93	NM_001014764.1	0.55	1.22	1.21	5.21	0.63	3	1.64	16.69	1.01	5.48	0.66	0.89
ILMN_1706021	TMPRSS4	NM_019894.2	0.94	3.65	1.22	5.7	1.2	10.7	1.08	8.89	-0.12	0.04	0.28	0.12
ILMN_1727689	TNFAIP2	NM_006291.2	2.09	8.33	2.41	10.18	1.92	15.05	1.62	11.39	-0.3	0.15	0.32	0.1
ILMN_1697409	TNFRSF14	NM_003820.2	1.38	10.4	1.75	13.88	1.66	18.02	1.49	15.39	-0.16	0.07	0.37	0.5
ILMN_1801307	TNFSF10	NM_003810.2	2.08	7.95	2.09	8.12	2.88	13.44	2.08	7.66	-0.81	0.54	0.01	0
ILMN_1751464	TNFSF9	NM_003811.2	0.65	2.87	1.08	6.69	1.1	9.29	1.12	9.67	0.02	0.01	0.42	0.58
ILMN_2082314	TOM1	NM_005488.1	1.15	9.52	1.22	10.38	1.21	10.8	1.22	10.96	0.01	0	0.07	0.03
ILMN_1658469	TP53AP1	NM_007233.1	1.21	6.75	1.54	9.65	1.05	7	0.74	3.59	-0.31	0.24	0.33	0.25
ILMN_1797744	TPPP3	NM_015964.2	0.89	4.03	1.23	6.87	1.19	10.95	1.02	8.38	-0.17	0.08	0.34	0.25
ILMN_1775703	TRAPPC6A	NM_024108.1	1.16	5.84	1.27	6.82	1.01	6.16	0.76	3.52	-0.26	0.14	0.11	0.03
ILMN_1748685	TRIM31	NM_007028.3	2.81	9.28	2.78	9.22	3.5	27.36	3.06	22.76	-0.44	0.23	-0.04	0
ILMN_1695829	TTYH2	NM_032646.5	1.34	7.25	1.47	8.38	0.95	9.43	1.09	11.79	0.13	0.06	0.13	0.04
ILMN_1794612	UBA7	NM_003335.2	1.44	8.2	1.66	9.99	1.27	11.89	1.41	14.15	0.14	0.05	0.21	0.09
ILMN_1685625	UCP2	NM_003355.2	1.63	8.44	1.65	8.73	1.16	8.02	1.01	6.17	-0.16	0.05	0.02	0
ILMN_1679194	UGT2B7	XM_001128725.1	0.97	4.62	1.07	5.54	1.29	15.14	0.96	9.23	-0.33	0.52	0.1	0.03
ILMN_1773313	USMG5	NM_032747.2	1.06	3.68	2.33	11.99	1.24	10.79	2.03	23.65	0.79	3.36	1.28	3.74
ILMN_1809467	VAMP5	NM_006634.2	1.22	4.91	1.94	9.87	0.9	4.95	1.52	12.64	0.62	1.37	0.72	1.06
ILMN_1715647	VANGL2	NM_020335.1	1.14	6.22	1.23	7.1	1.06	8.3	0.94	6.64	-0.12	0.04	0.09	0.03

ILMN_2199389	VIPR1	NM_004624.2	1.67	10.06	0.85	3.67	1.25	10.97	1.2	10.29	-0.05	0.01	-0.83	2.27
ILMN_1753101	VTCN1	NM_024626.2	2.3	12.14	2.74	14.76	2.33	24.87	2.25	23.74	-0.08	0.02	0.44	0.29
ILMN_1752755	VWF	NM_000552.3	3.16	11.9	3.52	13.51	2.83	23.25	2.96	24.72	0.13	0.02	0.36	0.1
ILMN_1685427	WFDC2	NM_080733.1	1.36	5.47	1.61	7.23	1.02	8.34	0.91	6.88	-0.1	0.03	0.25	0.08
ILMN_1740415	WFDC3	NM_080614.1	1.87	7.9	1.65	6.69	1.83	11.54	1.56	8.8	-0.27	0.09	-0.22	0.06
ILMN_2308903	WFDC3	NM_181522.1	2.47	11.04	2.37	10.49	2.75	17.18	2.25	12.48	-0.5	0.26	-0.1	0.02
ILMN_1666392	WNT4	NM_030761.3	1.82	14.69	1.01	7.01	1.66	15.73	2	21.05	0.34	0.31	-0.8	3.53
ILMN_1791147	YPEL3	NM_031477.4	2.33	12.61	1.99	10.43	2.1	15.01	1.85	12.18	-0.25	0.08	-0.34	0.16
ILMN_1686968	ZNF362	NM_152493.2	1.21	11.39	0.85	7.08	1.13	15.02	0.88	9.96	-0.25	0.34	-0.37	0.81
ILMN_1779015	ZNF467	NM_207336.1	1.2	7.02	1.18	6.95	1.04	9.21	0.83	6.06	-0.22	0.15	-0.02	0
ILMN_1810147	ZNF524	NM_153219.2	0.86	3.63	1.29	7.15	0.9	6.57	1.15	10.25	0.25	0.19	0.43	0.43
ILMN_1679093	ZNF581	NM_016535.3	1.12	7.32	1.62	12.13	0.93	9.92	1.08	12.88	0.15	0.1	0.5	0.99
ILMN_1698189	AASDHPPT	NM_015423.2	-1	3.31	-0.92	2.94	-1.31	12.15	-1.47	14.81	-0.17	0.07	0.09	0.02
ILMN_1674032	ABCD3	NM_002858.2	-0.74	3.02	-1.01	5.26	-1.08	8.87	-0.84	5.57	0.24	0.17	-0.27	0.15
ILMN_1655702	ABHD5	NM_016006.3	-1.08	8.39	-1.21	9.88	-1.19	13.89	-1.15	13.25	0.04	0.01	-0.13	0.06
ILMN_1778104	ACADM	NM_000016.2	-1.33	6.47	-1.5	7.81	-1.08	6.6	-1.02	5.96	0.06	0.01	-0.17	0.05
ILMN_1697585	ACTR6	NM_022496.3	-0.87	5.15	-1.03	6.82	-0.74	4.48	-1.14	9.89	-0.4	0.61	-0.16	0.08
ILMN_1695590	ADRB2	NM_000024.4	-0.64	2.3	-1.16	6.39	0.51	2.76	-0.7	5.13	-1.21	11.16	-0.52	0.74
ILMN_1771411	ALG6	NM_013339.2	-0.98	5.35	-1.1	6.6	-1	8.53	-1.07	9.6	-0.07	0.02	-0.13	0.04
ILMN_1788462	AMD1	NM_001033059.1	-1.16	3.46	-1.76	6.97	-1.07	5.4	-1.44	9.22	-0.37	0.24	-0.61	0.43
ILMN_1667994	AMD1	NM_001634.4	-0.8	1.1	-2.1	6.29	-0.04	0.03	-1.52	9.75	-1.48	7.27	-1.3	1.72
ILMN_1779374	AMMECR1	NM_015365.2	-1.15	4.95	-1.44	7.15	-0.8	3.56	-1.09	6.36	-0.29	0.16	-0.29	0.13
ILMN_1726327	AMY1B	NM_001008218.1	-1.72	9.69	-1.67	9.38	-1.71	17.36	-1.2	9.66	0.51	1.02	0.05	0.01
ILMN_1770378	ANAPC10	NM_014885.3	-1.13	4.3	-1.26	5.27	-1.43	12.07	-1.31	10.39	0.12	0.04	-0.13	0.03
ILMN_2148507	ANKRD13C	NM_030816.2	-1.01	5.34	-0.69	2.92	-1.31	11.78	-1.1	8.68	0.21	0.12	0.32	0.24
ILMN_1756417	ANKRD37	NM_181726.2	-1.11	8.14	-1.6	13.13	-0.98	10.28	-1.69	24.22	-0.7	4.05	-0.49	1.18
ILMN_1669259	ANKRD49	NM_017704.2	-0.79	3.17	-1.4	8.09	-0.82	4.92	-1.35	12.07	-0.53	1.15	-0.61	1.1
ILMN_1724040	ANKRD57	NM_023016.3	0.06	0.04	-1.12	4.37	-0.46	2.49	-1.19	14.65	-0.74	4.69	-1.18	3.34
ILMN_1739645	ANLN	NM_018685.2	-1.41	4.59	-1.38	4.57	-1.69	11.35	-1.81	12.72	-0.12	0.02	0.03	0
ILMN_2215881	ARHGAP11B	NM_001039841.1	-1.18	2.97	-1.15	2.93	-0.66	2.14	-1.19	6.82	-0.54	0.67	0.03	0
ILMN_1753500	ARHGAP12	NM_018287.5	-0.79	1.48	-1.06	2.65	-1.19	5.93	-1.29	6.84	-0.1	0.02	-0.27	0.06
ILMN_2338447	ARID4A	NM_023000.2	-1.04	3.04	-1.26	4.35	-1.36	8.99	-1.18	6.98	0.18	0.06	-0.22	0.06
ILMN_1810229	ARID4A	NM_023001.2	-1.62	7.5	-1.5	6.77	-1.08	8.89	-1.08	8.86	0	0	0.13	0.03
ILMN_2120022	ARL5B	NM_178815.3	-1.04	5.3	-1.35	8.02	-1.46	13.7	-1.39	12.67	0.07	0.02	-0.31	0.21
ILMN_1680465	ARL5B	NM_178815.3	-1.11	7.9	-1.38	10.62	-1.06	5.65	-0.92	4.29	0.14	0.04	-0.26	0.22
ILMN_1741156	ARMCX5	NM_022838.2	-0.91	4.33	-1.27	7.52	-1.15	10.29	-1.11	9.72	0.04	0.01	-0.37	0.33
ILMN_2184064	ARRDC4	NM_183376.1	-1.61	9.4	-1.44	8.16	-1.44	12.01	-1.64	14.87	-0.2	0.08	0.17	0.06
ILMN_1660544	ARRDC4	NM_183376.1	-1.76	9.1	-1.65	8.41	-1.98	15.86	-2.16	18.27	-0.18	0.05	0.11	0.03
ILMN_1791647	ASIP	NM_001672.2	-1.37	8.69	-1.23	7.64	-1.04	6.2	-1.24	8.51	-0.2	0.08	0.13	0.05
ILMN_2048700	ATAD2	NM_014109.2	-1.17	2.3	-1.17	2.4	-1.95	12.38	-1.69	9.66	0.27	0.09	0	0
ILMN_2374865	ATF3	NM_001040619.1	-1.39	4.66	-2.87	13.07	-1.85	14.71	-1.91	15.47	-0.05	0.01	-1.48	3.87
ILMN_1661428	ATP11C	NM_173694.3	-1.11	5.24	-1.12	5.45	-1.09	10.74	-1.01	9.52	0.07	0.02	-0.01	0
ILMN_1680955	AURKA	NM_198436.1	-0.54	1.78	-1.3	7.98	-0.65	3.98	-1.5	17.41	-0.85	4.88	-0.76	2.24
ILMN_2357438	AURKA	NM_198434.1	-0.78	3.51	-1.4	8.98	-0.79	5.7	-1.65	19.94	-0.86	4.93	-0.63	1.41
ILMN_1661500	B4GALT4	NM_003778.3	0.42	1.47	-0.75	4.38	0.73	4.13	-0.35	0.96	-1.08	6.65	-1.17	6.86
ILMN_1691410	BAMBI	NM_012342.2	0.39	0.22	-1.84	3.6	-1.24	1.64	-1.61	2.83	-0.37	0.05	-2.24	3.54
ILMN_2074258	BARD1	NM_000465.1	-1.55	8.96	-1.66	9.88	-0.9	4.35	-1.23	7.75	-0.33	0.21	-0.11	0.03
ILMN_1651826	BASP1	NM_006317.3	-0.95	3.77	-1.27	6.17	-1.2	9.58	-0.8	4.61	0.4	0.5	-0.32	0.17
ILMN_1743137	BAT2D1	NM_015172.3	-1.05	3.36	-1	3.23	-1.36	9.02	-1.22	7.37	0.15	0.04	0.05	0.01
ILMN_1720850	BAZ2B	NM_013450.2	-0.74	3.41	-1.01	5.93	-0.88	7.2	-1.19	12.16	-0.31	0.37	-0.28	0.19
ILMN_1737314	BCL6	NM_001706.2	-0.71	2.62	-1.43	8.26	1.02	5.41	-1.02	5.42	-2.04	15.18	-0.72	1.62
ILMN_2357272	BCLAF1	NM_014739.2	-1.36	5.8	-1.26	5.24	-1.65	9.95	-1.49	8.3	0.16	0.04	0.1	0.02
ILMN_1722718	BMP2	NM_001200.2	-0.04	0.02	-1.39	4.77	0.38	1.04	-0.62	2.92	-1	5.42	-1.35	3.18
ILMN_1775943	BRMS1L	NM_032352.3	-0.88	3.31	-1.26	6.17	-1.36	13.69	-1.48	15.74	-0.12	0.04	-0.39	0.27
ILMN_1759359	BTF3L4	NM_152265.2	-0.55	1.03	-1.07	3.68	-1.52	11.16	-1.33	8.96	0.18	0.06	-0.52	0.38
ILMN_1775743	BTG1	NM_001731.1	-0.08	0.1	-1.16	8.78	0.61	3.44	-0.75	5.07	-1.36	12.16	-1.07	6.3
ILMN_2202948	BUB1	NM_004336.2	-1	4.97	-1.33	7.81	-0.94	6.53	-1.33	11.96	-0.39	0.5	-0.33	0.24
ILMN_1664167	BXDC1	NM_032194.1	-1.18	3.29	-1	2.57	-1.05	7.68	-0.79	4.54	0.26	0.17	0.18	0.04
ILMN_2163051	C11orf77	NM_173811.2	-0.68	2.74	-1.11	6.37	-0.62	3.05	-1.4	13.64	-0.79	3.39	-0.43	0.51
ILMN_1790100	C11orf82	NM_145018.2	-1.48	6.6	-1.8	8.94	-2.13	18.29	-1.84	14.55	0.29	0.15	-0.33	0.15
ILMN_1761486	C13orf34	NM_024808.2	-1.04	4.68	-1.14	5.56	-0.82	5.79	-1.31	13.17	-0.49	1.14	-0.1	0.03
ILMN_1712748	C14orf129	NM_016472.3	-0.97	3.02	-1.06	3.65	-1.74	14.9	-1.66	13.85	0.08	0.02	-0.09	0.02
ILMN_2181883	C14orf129	NM_016472.3	-1.1	4.67	-1.01	4.2	-1	5.93	-1.05	6.39	-0.04	0.01	0.09	0.02
ILMN_1807031	C14orf28	NM_001017923.1	-0.78	3.12	-1.09	5.54	-0.4	1.35	-1.04	8.76	-0.64	2.3	-0.3	0.18

ILMN_1706483	C1orf116	NM_023938.5	0.81	3.07	-0.62	2	0.58	4.08	-0.74	6.44	-1.33	14.71	-1.43	6.21
ILMN_1760556	C1orf63	NM_207035.1	-0.54	1.01	-2.44	12.26	-1.56	10.56	-3.08	30	-1.53	8.06	-1.9	7.2
ILMN_2184612	C3orf52	NM_024616.1	0.61	0.79	-1.69	5.16	0.36	0.86	-0.78	4.17	-1.15	6.53	-2.3	6.53
ILMN_1662184	C5orf34	NM_198566.1	-1.36	9.86	-1.62	12.43	-1.39	17.51	-1.77	25.08	-0.38	0.78	-0.27	0.21
ILMN_1776788	C5orf41	NM_153607.1	-1.06	3.44	-0.86	2.47	-0.99	3.33	-1.44	6.85	-0.46	0.27	0.2	0.05
ILMN_2195821	C5orf41	NM_153607.1	-1.01	3.59	-1.14	4.5	-0.85	2.66	-1.36	6.53	-0.51	0.38	-0.12	0.03
ILMN_1741881	C9orf72	NM_018325.1	-0.88	4.56	-1.01	5.86	-0.98	7.47	-1.24	11.31	-0.26	0.2	-0.13	0.05
ILMN_1766408	CBFB	NM_001755.2	-0.68	1.57	-1.04	3.47	-1.24	10.21	-1.02	7.31	0.21	0.11	-0.35	0.15
ILMN_1770244	CBX1	NM_006807.3	-1.24	2.48	-1.03	1.85	-1.46	6.94	-1.07	3.82	0.4	0.19	0.21	0.04
ILMN_1781077	CCDC100	NM_153223.2	-1.13	3.89	-1.46	6.04	-1.55	11.78	-1.49	11.11	0.05	0.01	-0.33	0.13
ILMN_1809889	CCDC117	NM_173510.1	-1.09	4.37	-1.9	10.14	-1.52	10.55	-2.17	18.89	-0.65	1.15	-0.81	1.6
ILMN_1677239	CCDC14	NM_022757.3	-0.89	5.25	-1.07	7.12	-1.06	11.63	-0.96	9.84	0.1	0.04	-0.18	0.09
ILMN_1799113	CCDC41	NM_016122.2	-1.03	5.35	-0.85	4.06	-1.08	10.16	-0.99	8.69	0.09	0.03	0.18	0.07
ILMN_1686920	CCDC58	NM_001017928.2	-1.53	3.39	-1.3	2.64	-2.16	17.39	-1.86	13.75	0.3	0.14	0.23	0.04
ILMN_1786125	CCNA2	NM_001237.2	-0.93	4.87	-1.32	8.39	-1.16	10.01	-1.67	18.16	-0.5	1.12	-0.39	0.41
ILMN_1778625	CD44	NM_000610.3	-1.01	1.12	-2.32	5.15	-0.61	1.13	-1.37	5.74	-0.76	0.94	-1.31	0.96
ILMN_1800540	CD55	NM_000574.2	-0.51	1.02	-2.02	10.27	-0.58	2.27	-1.27	10.16	-0.7	2.1	-1.51	5.31
ILMN_2366212	CD79B	NM_001039933.1	-1.27	6.75	-1.28	6.93	-1.3	10.55	-1.08	7.67	0.22	0.11	-0.01	0
ILMN_1711005	CDC25A	NM_001789.2	-0.38	1.05	-1.2	7.81	-0.91	3.86	-1.77	12.91	-0.86	2.25	-0.82	3.04
ILMN_2349138	CDC42SE1	NM_001038707.1	-1.02	2.51	-1.36	4.29	-1.12	6.67	-0.96	4.99	0.16	0.05	-0.34	0.11
ILMN_1660654	CDC42	NM_152562.2	-1.05	4.95	-0.97	4.49	-1.36	8.74	-1.41	9.42	-0.06	0.01	0.08	0.02
ILMN_1779228	CDH2	NM_001792.2	-1.28	11.86	-1.36	12.76	-1.47	13.8	-1.2	9.77	0.27	0.2	-0.08	0.03
ILMN_1670769	CENPQ	NM_018132.3	-1.37	5.34	-1.73	7.78	-1.39	7.53	-1.86	12.53	-0.47	0.37	-0.37	0.16
ILMN_1747016	CEP55	NM_018131.3	-0.88	3.97	-1.15	6.2	-1.03	5.69	-1.12	6.54	-0.08	0.02	-0.26	0.14
ILMN_1676588	CEPT1	NM_001007794.1	-0.94	1.31	-1.31	2.55	-1.8	10.93	-1.79	10.9	0.01	0	-0.37	0.07
ILMN_2266309	CEPT1	NM_006090.3	-1.36	1.63	-1.52	2.11	-1.67	7.6	-1.31	4.88	0.36	0.12	-0.16	0.02
ILMN_2356838	CEPT1	NM_006090.3	-1	2.03	-1.41	3.9	-1.69	11.25	-1.59	10.2	0.1	0.02	-0.41	0.13
ILMN_2224031	CETN3	NM_004365.2	-1.49	3.61	-1.65	4.43	-1.73	12.18	-1.83	13.49	-0.11	0.02	-0.16	0.02
ILMN_1739241	CHAC1	NM_024111.2	-0.98	2.58	-1.91	7.78	-1.03	6.1	-0.76	3.39	0.27	0.15	-0.93	1.35
ILMN_1663092	CITED2	NM_006079.3	-1.24	7.83	-1.45	9.83	0.98	6.89	-0.9	5.93	-1.88	17.59	-0.21	0.11
ILMN_1674411	CKAP2	NM_001098525.1	-0.79	1.75	-1.08	3.19	-1.66	12.48	-1.71	13.17	-0.05	0.01	-0.29	0.09
ILMN_1751776	CKAP2L	NM_152515.2	-1.02	4.89	-1.2	6.46	-0.63	2.19	-1.06	6.09	-0.43	0.44	-0.18	0.07
ILMN_1679727	CLK1	NM_004071.2	-0.43	0.55	-1.38	4.84	-1.4	7.91	-1.72	11.36	-0.32	0.15	-0.96	1.48
ILMN_2292123	COL4A3BP	NM_005713.1	-1.26	5.71	-1.37	6.64	-1.15	7.69	-0.89	4.76	0.26	0.15	-0.11	0.03
ILMN_2375484	CPEB2	NM_182646.1	-1.3	5.23	-1.16	4.48	-0.97	4.87	-1.1	6.2	-0.13	0.04	0.14	0.03
ILMN_1722025	CPEB4	NM_030627.1	-0.95	2.38	-1.1	3.2	-1	7.08	-0.8	4.61	0.21	0.1	-0.15	0.03
ILMN_1652024	CSNK1G3	NM_001031812.2	-1.2	3.29	-1.04	2.63	-1.55	10.23	-1.56	10.29	-0.01	0	0.17	0.03
ILMN_2332267	CSNK1G3	NM_001044722.1	-1.17	3.88	-1.24	4.41	-1.74	14.28	-1.34	9.27	0.39	0.35	-0.07	0.01
ILMN_1690880	CTAGE5	NM_203356.1	-0.85	4.13	-1	5.52	-0.96	6.98	-1.05	8.25	-0.09	0.03	-0.15	0.06
ILMN_1665655	CTDSPL2	NM_016396.1	-1.17	3.95	-1.24	4.5	-1.19	6.02	-1.3	7.03	-0.1	0.02	-0.07	0.01
ILMN_2077758	CTDSPL2	NM_016396.2	-1.32	3.97	-1.44	4.73	-1.19	5.33	-1.14	4.95	0.04	0.01	-0.12	0.02
ILMN_1721901	CTNNA1	NM_003798.2	-1.04	3.87	-1	3.75	-1.64	11.89	-1.48	10.01	0.16	0.04	0.04	0.01
ILMN_2136446	CTNNA1	NM_003798.1	-1.43	7.14	-1.66	8.91	-1.61	12.35	-1.58	12.01	0.03	0	-0.22	0.08
ILMN_1783285	CTPS	NM_001905.1	-0.93	6.9	-1.01	7.97	-1.28	9.96	-1.19	8.81	0.09	0.02	-0.09	0.04
ILMN_2371458	CXCR7	NM_001047841.1	2.54	13.48	0.34	0.52	1.2	10.05	-0.1	0.11	-1.3	9.27	-2.2	9.55
ILMN_1703279	CXorf57	NM_018015.4	-0.81	3.29	-1.16	6.15	-1.4	15.37	-1.48	16.82	-0.08	0.02	-0.36	0.27
ILMN_1787251	DAAM1	NM_014992.1	0.12	0.07	-1.04	2.3	-0.95	4.02	-1.63	10.83	-0.68	1.14	-1.17	1.66
ILMN_1735499	DCBLD2	NM_080927.3	-1.33	2.78	-1.2	2.39	-2.36	13.88	-1.86	9.29	0.5	0.28	0.14	0.02
ILMN_2174127	DCBLD2	NM_080927.3	-1.25	7.31	-1.07	5.9	-1.67	14.73	-1.44	11.48	0.24	0.11	0.18	0.07
ILMN_1668507	DDAH1	NM_012137.2	-0.93	3.11	-1.11	4.41	-1.05	3.76	-0.97	3.29	0.07	0.01	-0.19	0.05
ILMN_1735461	DDX21	NM_004728.2	-1.26	3.06	-1.16	2.75	-2.05	12.31	-1.46	6.8	0.59	0.51	0.1	0.01
ILMN_1794392	DDX3X	NM_001356.3	-0.72	1.38	-1.48	5.16	-1.92	11.92	-2.36	16.77	-0.44	0.27	-0.76	0.75
ILMN_1802819	DEPDC1	NM_017779.3	-1.71	6.43	-1.51	5.44	-2.02	16.65	-2.14	18.33	-0.12	0.03	0.2	0.05
ILMN_1695226	DIAPH3	NM_030932.3	-0.95	2.45	-1.07	3.14	-1.09	7.48	-0.76	3.78	0.33	0.28	-0.12	0.02
ILMN_2275533	DIAPH3	NM_001042517.1	-1.37	5.61	-1.45	6.25	-1.02	8.03	-0.89	6.29	0.13	0.05	-0.08	0.02
ILMN_1874530	DIAPH3	NM_001042517.1	-1.27	6.27	-1.31	6.73	-1.27	9.63	-1.05	6.82	0.22	0.11	-0.04	0.01
ILMN_1749829	DLG7	NM_014750.3	-0.98	3.48	-1.22	5.16	-0.81	4.32	-1.25	9.59	-0.44	0.58	-0.24	0.08
ILMN_1672094	DLX1	NM_178120.4	-0.13	0.19	-1.18	8.85	-0.98	8.78	-1.38	15.8	-0.41	0.8	-1.05	5.94
ILMN_1750075	DMTF1	NM_021145.2	-0.98	4.1	-1.11	5.1	-1.72	16.76	-1.92	19.92	-0.2	0.09	-0.12	0.03
ILMN_1773742	DNAJB9	NM_012328.1	-0.98	5.12	-1.53	9.91	-1.11	10.4	-1.75	21.55	-0.64	2.44	-0.55	0.96
ILMN_1752455	DOCK5	NM_024940.6	-0.92	4.3	-1.05	5.41	-1.27	11.84	-1.16	10.16	0.11	0.04	-0.12	0.04
ILMN_1795715	DPYD	NM_000110.3	-0.98	3.82	-1.03	4.24	-1.09	7.55	-0.84	4.66	0.25	0.14	-0.04	0.01
ILMN_2396020	DUSP6	NM_022652.2	-0.16	0.07	-2.42	6.26	0.4	0.42	-0.81	1.73	-1.22	2.53	-2.26	4.17
ILMN_1677466	DUSP6	NM_001946.2	0.16	0.07	-1.54	3.11	0.61	1.6	-0.51	1.15	-1.12	3.86	-1.7	2.41

ILMN_1669502	E2F3	NM_001949.2	-0.99	5.27	-1.52	9.97	-1.12	10.25	-1.08	9.65	0.04	0.01	-0.53	0.9
ILMN_1798210	E2F7	NM_203394.2	-1.46	5.64	-2	9.09	-1.83	14.9	-2.35	21.99	-0.52	0.67	-0.54	0.38
ILMN_1698673	EFCAB7	NM_032437.1	-0.98	4.06	-1.01	4.4	-0.92	5.05	-1.12	7.31	-0.2	0.08	-0.03	0.01
ILMN_1762899	EGR1	NM_001964.2	-0.83	0.86	-2.39	5.89	0.05	0.03	-1.15	4.35	-1.21	3.3	-1.56	1.76
ILMN_1779147	ENC1	NM_003633.1	-0.32	0.23	-1.77	4.95	-0.74	2.53	-1.05	4.97	-0.31	0.15	-1.45	2.32
ILMN_1739222	ETV5	NM_004454.1	-2.16	14.31	-2.21	14.68	-1.43	7.57	-1.44	7.71	-0.01	0	-0.06	0.01
ILMN_1673721	EXO1	NM_006027.3	-1.05	6.84	-1.12	7.6	-1.01	7.93	-1.18	10.37	-0.17	0.07	-0.07	0.02
ILMN_1756162	EXOSC8	NM_181503.1	-1.01	4.54	-1.01	4.62	-1.04	8.39	-1	7.88	0.04	0.01	0.01	0
ILMN_1712066	EXPH5	NM_015065.1	-2.02	11.49	-1.83	10.17	-1.51	6.05	-1.4	5.26	0.11	0.01	0.19	0.06
ILMN_2388425	EXTL2	NM_001033025.1	-1.04	2.17	-1.1	2.48	-1.17	6.2	-1.07	5.27	0.1	0.02	-0.05	0.01
ILMN_1758672	FAM107B	NM_031453.2	-1.83	6.43	-2.07	7.77	-1.06	7.94	-1.26	10.81	-0.2	0.1	-0.23	0.05
ILMN_1776905	FAM23B	NM_001013629.1	-0.84	5.7	-1.15	9.08	-1.3	12.81	-0.9	6.72	0.4	0.65	-0.3	0.36
ILMN_1761594	FAM35A	NM_019054.2	-0.63	1.42	-1.2	4.66	-0.79	2.87	-1.06	5.09	-0.27	0.11	-0.57	0.51
ILMN_1777322	FAM91A1	NM_144963.2	-1.15	9.17	-1.12	8.94	-1	11.31	-0.85	8.47	0.15	0.1	0.03	0.01
ILMN_1698252	FANCB	NM_152633.2	-1.06	5.21	-1.37	7.73	-1.14	9.38	-0.83	5.29	0.31	0.29	-0.3	0.18
ILMN_1794187	FBXL3	NM_012158.1	-0.7	2.62	-1.14	6.08	-0.62	2.58	-1.13	7.96	-0.5	0.83	-0.44	0.46
ILMN_1700232	FBXO30	NM_032145.4	-0.68	1.53	-1	3.21	-1.29	8.28	-1.57	11.59	-0.28	0.14	-0.32	0.12
ILMN_1710676	FBXO5	NM_012177.2	-1.09	4.93	-1.62	9.02	-0.53	2.66	-1.34	14.63	-0.81	4.46	-0.53	0.61
ILMN_1703330	FEM1C	NM_020177.2	-0.81	3	-1.58	8.8	-0.74	5.75	-1.23	14.12	-0.49	1.56	-0.77	1.69
ILMN_2389114	FIGNL1	NM_001042762.1	-1.18	2.28	-1.52	3.67	-1.76	8.54	-1.95	10.2	-0.19	0.04	-0.33	0.07
ILMN_1778152	FIGNL1	NM_001042762.1	-0.98	2.68	-1.34	4.78	-1.28	5.91	-1.59	8.81	-0.31	0.12	-0.37	0.14
ILMN_1814573	FLJ11171	NM_018348.5	-0.94	3.13	-1.61	7.53	-1.44	12.91	-1.67	16.49	-0.23	0.13	-0.66	0.82
ILMN_1805665	FLRT3	NM_198391.1	1.12	3.56	-1.65	6.78	0.77	5.73	-1.4	16.08	-2.18	27.13	-2.77	11.42
ILMN_1669523	FOS	NM_005252.2	-0.73	2.01	-1.04	3.9	-0.89	7.04	-1.3	13.74	-0.42	0.8	-0.31	0.13
ILMN_1736510	FOXN2	NM_002158.3	-1.35	6.19	-1.03	4.11	-0.99	5.42	-1.25	8.32	-0.26	0.13	0.32	0.16
ILMN_1788213	FRAT2	NM_012083.2	-0.5	2.46	-1.45	12.63	0.24	0.93	-1.68	30.78	-1.92	32.92	-0.95	5.68
ILMN_1792072	FUT4	NM_002033.2	-0.23	0.19	-1.38	4.48	-0.45	1.9	-1.01	9.14	-0.56	1.91	-1.15	2.07
ILMN_1804351	FZD7	NM_003507.1	-0.32	0.62	-1.24	7.11	-1.71	16.51	-1.78	17.74	-0.07	0.02	-0.92	3.16
ILMN_1704398	FZD9	NM_003508.2	-1.04	9.28	-1.18	11.07	-0.82	9.48	-1.06	14.7	-0.24	0.37	-0.14	0.1
ILMN_2381753	G3BP2	NM_203504.1	-0.85	3.65	-1.32	7.45	-1.62	14.2	-1.41	11.16	0.22	0.1	-0.47	0.53
ILMN_2381758	G3BP2	NM_203504.1	-1.05	2.39	-1.5	4.59	-2.15	13.01	-2.12	12.75	0.03	0	-0.45	0.16
ILMN_1720422	G3BP2	NM_203504.1	-0.68	1.93	-1.21	5.44	-1.65	10.03	-1.66	10.23	-0.02	0	-0.53	0.54
ILMN_1803977	GALNT1	NM_020474.2	-0.75	4.26	-1.14	8.25	-1.12	9.28	-1.04	8.25	0.07	0.02	-0.39	0.58
ILMN_1795344	GOLPH4	NM_014498.2	-2.12	7.33	-2.07	7.23	-1.13	4.5	-0.92	3.08	0.2	0.05	0.04	0.01
ILMN_1767837	GOLT1B	NM_016072.3	-0.86	1.91	-1.26	3.95	-0.64	1.24	-1.17	4.2	-0.53	0.35	-0.4	0.15
ILMN_1758213	GPAM	NM_020918.3	-1.3	7.02	-1.08	5.4	-1.89	25.56	-1.88	25.38	0.01	0	0.22	0.1
ILMN_1721138	GRPEL2	NM_152407.3	-1.15	6.24	-0.94	4.6	-1.49	23.02	-1.15	15.45	0.34	0.81	0.22	0.1
ILMN_1739497	GTF2H5	NM_207118.1	-0.7	0.87	-1.12	2.24	-1.76	11.48	-1.46	8.34	0.3	0.12	-0.43	0.11
ILMN_1725244	HAT1	NM_003642.2	-1.13	2.61	-1.47	4.28	-1.19	6.41	-1	4.69	0.18	0.05	-0.34	0.09
ILMN_1693905	HAT1	NM_003642.2	-1.59	2.23	-1.91	3.23	-1.83	5.63	-1.84	5.72	-0.02	0	-0.32	0.04
ILMN_1681283	HIF1A	NM_001530.2	-1.34	7.5	-1.1	5.68	-1.04	6.41	-1.2	8.27	-0.16	0.05	0.24	0.11
ILMN_1763260	HIF1A	NM_001530.2	-1.01	2.46	-1.21	3.55	-1.29	8.11	-1.32	8.39	-0.02	0	-0.21	0.05
ILMN_1661799	HIGD1A	NM_001099668.1	-0.94	1.01	-1.34	2.08	-1.89	8.96	-1.7	7.46	0.19	0.04	-0.4	0.07
ILMN_1692831	HIST1H1A	NM_005325.2	-1.55	8.71	-1.48	8.24	-1.75	17	-1.98	20.63	-0.23	0.12	0.08	0.02
ILMN_1654268	HMGB2	NM_002129.2	-1.06	5.92	-1.16	6.86	-0.73	5.22	-1.09	10.59	-0.35	0.55	-0.09	0.03
ILMN_1733519	HMGB3	NM_005342.2	-0.38	0.56	-1.45	6.22	-1.18	9.37	-1.83	19.13	-0.64	1.83	-1.06	2.53
ILMN_1781942	HMMR	NM_012485.1	-0.79	4.02	-1.1	6.94	-1.46	11.63	-1.58	13.26	-0.12	0.03	-0.31	0.26
ILMN_2351466	HNT	NM_001048209.1	-1.44	8.4	-1.4	8.16	-1.35	9.1	-1.26	8.02	0.09	0.02	0.04	0.01
ILMN_1902308			0.24	0.11	-2.27	5.08	0.54	1.51	-0.82	3.6	-1.36	7.15	-2.51	4.44
ILMN_1824362			-0.72	0.64	-2.02	4.41	0.34	0.46	-1.26	6.27	-1.59	7.59	-1.31	1.06
ILMN_1855278			-0.09	0.04	-1.55	3.99	0.66	1.69	-0.51	1.02	-1.17	3.76	-1.46	2.36
ILMN_1903914			-0.27	0.14	-1.71	3.67	0.3	0.35	-0.77	2.29	-1.08	2.97	-1.44	1.6
ILMN_1889752			-0.49	0.66	-1.05	2.87	-1.28	8.74	-1.39	10.16	-0.11	0.03	-0.56	0.33
ILMN_1869897			-0.93	1.26	-1.4	2.8	-2.05	13.45	-1.99	12.86	0.06	0.01	-0.46	0.11
ILMN_1827840			-1.53	8.12	-0.91	3.71	-1.48	10.01	-1.04	5.3	0.44	0.39	0.62	0.92
ILMN_1857067			-1.17	4.49	-0.89	2.93	-1.25	9.31	-0.55	1.98	0.7	1.95	0.28	0.1
ILMN_1816174			-0.82	2.75	-1.03	4.22	-1	8.25	-1.02	8.51	-0.02	0	-0.21	0.07
ILMN_1816342			-1.59	3.97	-1.75	4.78	-1.09	4.13	-0.96	3.27	0.12	0.02	-0.16	0.02
ILMN_1886493			-1.15	3.44	-1.65	6.42	-1	6	-1.41	11.06	-0.41	0.44	-0.51	0.29
ILMN_1838313			-0.94	4.21	-1.08	5.45	-1	8.44	-1.11	10.1	-0.11	0.04	-0.14	0.05
ILMN_1819384			-1.14	2.65	-1.65	5.16	-1.14	4.1	-1.67	8.25	-0.52	0.35	-0.51	0.21
ILMN_1904521			-0.81	1.56	-1.3	3.82	0.53	0.71	-0.78	1.61	-1.31	3.06	-0.49	0.21
ILMN_1910893			-1.24	6.1	-1.17	5.66	-1.65	15.78	-1.59	14.97	0.06	0.01	0.07	0.02
ILMN_1828967			-1.01	4.24	-0.75	2.62	-0.93	8.02	-1.29	14.02	-0.36	0.56	0.26	0.11

ILMN_1829845			-0.64	0.37	-2.49	4.55	-0.36	0.86	-2.13	23.27	-1.77	14.95	-1.86	1.62
ILMN_1885165			-1.2	2.19	-1.21	2.32	-1.81	10.29	-1.82	10.3	0	0	-0.01	0
ILMN_1847313			-1.21	5.14	-0.91	3.31	-1.21	12.72	-0.98	8.97	0.22	0.18	0.3	0.13
ILMN_1712475	HS3ST2	NM_006043.1	-0.66	2.7	-1.77	12.27	-1.69	19.93	-1.38	14.56	0.31	0.35	-1.11	5.02
ILMN_1691097	HSP90AA1	NM_001017963.2	-0.98	1.87	-1.09	2.38	-1.76	10.59	-1.3	6.16	0.46	0.32	-0.11	0.02
ILMN_1766713	HSPD1	NM_002156.4	-1.43	10.29	-1.37	9.79	-1.32	14.38	-1.17	11.73	0.15	0.07	0.06	0.02
ILMN_1712888	HSPH1	NM_006644.2	-1.08	7.03	-1.41	10.31	-1.12	9.69	-1.03	8.4	0.09	0.03	-0.33	0.35
ILMN_2086095	ID2	NM_002166.4	-0.77	2.23	-1.48	6.75	1.52	12.01	-0.4	0.9	-1.92	14.85	-0.7	0.97
ILMN_1739428	IFIT2	NM_001547.4	-1.3	5.4	-1.81	8.94	-0.79	4.4	-1.91	20.05	-1.11	6.35	-0.51	0.41
ILMN_1758811	IMPA1	NM_005536.2	-1.16	6.28	-0.75	3.15	-1.1	9.6	-0.77	5.07	0.33	0.37	0.41	0.41
ILMN_1814282	ISG20L1	NM_022767.2	0.21	0.2	-0.94	3.05	-0.03	0.02	-1.04	4.31	-1	2.71	-1.15	2.97
ILMN_1763390	ISL1	NM_002202.1	-0.9	8.63	-1.25	13.21	-0.41	1.71	-1.3	15.05	-0.89	6.1	-0.35	0.96
ILMN_2169439	ITGAV	NM_002210.2	-1	1.4	-1.51	3.15	-2.08	9.24	-1.76	6.86	0.32	0.08	-0.52	0.14
ILMN_1723467	ITGB1	NM_002211.2	-0.93	6.33	-1.19	9.22	-1.09	12.74	-0.94	9.92	0.15	0.09	-0.27	0.25
ILMN_2397750	IVNS1ABP	NM_006469.4	0.49	0.43	-1.1	2.01	-1.13	6.07	-1.17	6.43	-0.04	0.01	-1.59	2.55
ILMN_2410742	JMJD1C	NM_032776.1	-0.87	1.26	-1.35	2.99	-1.63	10.01	-1.51	8.71	0.13	0.03	-0.48	0.14
ILMN_2198393	KATNA1	NM_007044.2	-0.87	5.38	-1.22	9.02	-0.76	6.92	-1.09	12.95	-0.33	0.61	-0.35	0.44
ILMN_1716272	KBTBD8	NM_032505.1	-1.36	9.41	-1.24	8.33	-1.11	8.73	-1.14	9.16	-0.03	0.01	0.13	0.05
ILMN_1712505	KDELC1	NM_024089.1	-0.96	7.67	-1.01	8.43	-0.72	4.46	-1.01	8.23	-0.28	0.26	-0.06	0.02
ILMN_1745813	KIAA1279	NM_015634.2	-0.9	5.35	-1.23	8.61	-1.19	13.09	-1.52	19.47	-0.33	0.52	-0.33	0.33
ILMN_1701111	KIAA1434	NM_019593.3	-1.04	6.87	-1.11	7.66	-1.29	11.35	-1.04	7.78	0.25	0.17	-0.07	0.02
ILMN_1803254	KIAA2010	NM_032560.3	-0.79	1.59	-1.28	3.97	-1.7	9.17	-1.43	6.75	0.27	0.08	-0.49	0.24
ILMN_1753063	KIF15	NM_020242.1	-1.32	7.36	-1.1	5.7	-0.98	7.04	-1.07	8.25	-0.09	0.02	0.22	0.1
ILMN_2137789	KLF4	NM_004235.3	-1.14	3.93	-1.99	9.35	-1.62	16.8	-2.04	23.84	-0.42	0.63	-0.85	1.37
ILMN_1664466	KLHL9	NM_018847.2	0.29	0.56	-0.79	3.64	0.51	2.45	-0.66	4.02	-1.17	9.24	-1.08	4.54
ILMN_1708427	KPNA3	NM_002267.2	-1.19	4.03	-1.52	6.08	-1.75	11.24	-1.64	10.1	0.11	0.02	-0.32	0.12
ILMN_1706519	LAMC2	NM_018891.1	-0.1	0.04	-2.33	5.38	-0.62	1.85	-1.08	5.49	-0.46	0.42	-2.23	3.61
ILMN_1667577	LCMT2	NM_014793.3	0.08	0.07	-1.42	7.56	-0.12	0.19	-1.53	20.07	-1.41	14.95	-1.5	6.56
ILMN_1727361	LEMD3	NM_014319.3	-0.48	0.96	-1.24	5.41	-1.37	11.84	-1.44	12.98	-0.08	0.02	-0.76	1.29
ILMN_1658266	LOC146053	XM_933251.1	-1.39	10.72	-1.33	10.16	-1.3	17.95	-1.34	18.78	-0.03	0.01	0.06	0.02
ILMN_1666384	LOC151579	XM_045290.6	-0.99	3.34	-1.67	7.77	-1.37	7.12	-1.26	6.11	0.11	0.02	-0.67	0.82
ILMN_1666477	LOC390876	XM_372704.4	-1.18	6.72	-0.89	4.4	-1.12	6.58	-0.98	5.13	0.14	0.04	0.29	0.19
ILMN_1718997	LOC390956	XM_372741.4	-1.36	8.51	-0.99	5.42	-1.23	16.79	-1.26	17.56	-0.03	0.01	0.37	0.35
ILMN_1775473	LOC400652	XM_375543.3	-1.37	12.25	-1.59	14.5	-1.12	8.91	-0.79	4.69	0.33	0.33	-0.22	0.19
ILMN_1669233	LOC401677	XM_941301.1	-1.27	8.06	-1.3	8.47	-1.44	18.83	-1.12	12.67	0.32	0.52	-0.03	0.01
ILMN_2407235	LOC402057	NM_001080499.1	-1.9	9.67	-2.11	11.09	-1.47	8.64	-1.38	7.71	0.09	0.02	-0.2	0.06
ILMN_1690638	LOC402677	XM_943039.1	-1.62	13.36	-1.81	15.05	-1.36	11.95	-1.43	12.99	-0.07	0.02	-0.19	0.11
ILMN_2061979	LOC440093	NM_001013699.1	-1.41	13.88	-1.49	14.7	-1.05	10.43	-1.19	12.88	-0.14	0.07	-0.08	0.04
ILMN_1701112	LOC440944	XR_017949.1	-1.05	8.2	-1.23	10.24	-0.83	6.86	-1.01	9.65	-0.17	0.11	-0.18	0.11
ILMN_1716601	LOC441032	XM_933495.1	-1.74	7.73	-1.96	9.24	-1.54	13.11	-1.91	18.64	-0.37	0.36	-0.22	0.06
ILMN_1664955	LOC642109	XM_936248.1	-1.24	4.97	-1.28	5.36	-0.51	2.39	-1.14	10.78	-0.63	2.33	-0.04	0.01
ILMN_1665630	LOC643872	XM_933938.2	-1.08	8.75	-0.97	7.67	-1.33	16.18	-1.19	13.62	0.14	0.07	0.11	0.05
ILMN_1675472	LOC644799	XM_934554.1	-0.82	0.91	-1.38	2.5	-1.59	7.18	-1.54	6.83	0.04	0.01	-0.55	0.14
ILMN_1811193	LOC645289	XM_928333.1	-1.34	10.01	-1.25	9.22	-0.96	6.65	-1.01	7.33	-0.05	0.01	0.09	0.03
ILMN_1753692	LOC647135	XM_930578.2	-1.25	6.29	-1.34	7.14	-0.28	0.47	-1.31	9.62	-1.03	4.56	-0.09	0.02
ILMN_1667813	LOC648000	XM_371757.5	-1.05	1.24	-1.33	2.03	-1.68	8.21	-1.36	5.59	0.32	0.1	-0.28	0.04
ILMN_1755910	LOC648366	XM_497707.2	-1.05	5.83	-0.96	5.12	-0.35	0.79	-1.28	9.87	-0.92	3.93	0.1	0.03
ILMN_1685985	LOC649150	XR_019269.1	-2.03	8.71	-2.19	9.72	-1.92	19.09	-2	20.36	-0.08	0.02	-0.15	0.03
ILMN_1803799	LOC649555	XM_945579.1	-1.33	2.63	-1.58	3.67	-1.73	7.17	-1.44	5.13	0.29	0.07	-0.25	0.04
ILMN_1812236	LOC650739	XR_019385.1	-1.82	12	-1.69	11.01	-1.69	21.67	-1.6	20.04	0.09	0.03	0.12	0.04
ILMN_1670800	LOC651745	XM_944901.1	-1.11	6.98	-1.49	10.6	-1.41	17.35	-1.3	15.37	0.11	0.04	-0.38	0.45
ILMN_1660477	LOC652608	XM_942140.1	-1.55	7.67	-1.81	9.66	-0.69	3.13	-1.03	6.77	-0.34	0.3	-0.26	0.11
ILMN_1658531	LOC653702	NM_001093763.1	-1.59	3.17	-1.81	4.13	-1.19	3.79	-0.78	1.62	0.41	0.16	-0.23	0.03
ILMN_1701882	LOC653820	XM_930579.2	-1.3	3.24	-1.94	6.39	-1.07	5.57	-1.59	11.21	-0.51	0.59	-0.64	0.33
ILMN_1749875	LOC728715	XM_001128260.1	-1	6.66	-0.92	5.95	-1.75	24.25	-1.64	22.13	0.11	0.04	0.08	0.03
ILMN_1676848	LOC728844	XM_001133058.1	-0.92	3.42	-1.4	6.88	-0.61	1.99	-1.27	8.11	-0.66	1.3	-0.48	0.42
ILMN_1754332	LOC85389	NR_001453.1	-0.65	2.15	-1.57	9.09	-0.74	2.61	-1.55	10.38	-0.8	1.92	-0.92	2.74
ILMN_1689294	LOC85390	NR_001454.1	-0.55	1.34	-1.5	7.62	-0.75	3.15	-1.31	9.06	-0.56	0.93	-0.95	2.47
ILMN_1677765	LRP8	NM_017522.3	-1.04	4.59	-0.79	2.94	-1.42	10.69	-1.28	8.96	0.14	0.04	0.26	0.11
ILMN_1810593	LRRC7	NM_020794.2	-1.92	11.11	-2.08	12.29	-1.33	10.55	-1.24	9.37	0.09	0.02	-0.16	0.05
ILMN_1764362	LYAR	NM_017816.1	-1.27	11.28	-1.24	10.94	-1.26	9.92	-1.26	9.87	0	0	0.03	0.01
ILMN_2147435	MAN2A1	NM_002372.2	-0.86	3.02	-1.05	4.39	-1.6	13.01	-1.34	9.66	0.26	0.13	-0.19	0.06
ILMN_2408908	MAP4K5	NM_006575.3	-1.2	3.27	-1.51	4.95	-1.08	4.26	-1.08	4.27	0	0	-0.31	0.09
ILMN_1757287	MAPK6	NM_002748.2	-0.4	1.07	-1.25	7.89	-0.89	9.04	-1.11	13.17	-0.22	0.21	-0.85	3.07

ILMN_2411076	MATR3	NM_199189.1	-1.9	2.81	-1.8	2.64	-1.77	6.74	-1.41	4.42	0.36	0.09	0.11	0.01
ILMN_2313158	MBNL1	NM_207295.1	-1.32	2.83	-1.53	3.8	-1.72	7.45	-1.45	5.41	0.27	0.06	-0.21	0.04
ILMN_2303166	MBNL3	NM_133486.1	-1.03	2.26	-0.68	1.1	-1.11	3.54	-0.92	2.45	0.19	0.04	0.35	0.1
ILMN_1761808	MCFD2	NM_139279.3	-0.76	3.61	-1.16	7.14	-1.14	11.17	-1.12	10.85	0.02	0	-0.39	0.43
ILMN_1658989	MEX3B	NM_032246.3	-0.74	6.66	-1.07	11.09	-0.84	9.73	-1.18	16.95	-0.33	0.82	-0.33	0.8
ILMN_1788832	MIB1	NM_020774.2	-1.03	4.94	-0.92	4.19	-1.32	7.87	-1.42	8.99	-0.1	0.02	0.11	0.03
ILMN_1783702	MORC3	NM_015358.1	-0.79	1.88	-1.21	4.18	-0.96	6.66	-1.06	7.88	-0.09	0.02	-0.42	0.2
ILMN_1660222	MTBP	NM_022045.3	-1.39	4.85	-1.54	5.82	-1.51	13.07	-1.81	17.45	-0.29	0.2	-0.15	0.03
ILMN_2099249	MTERF	NM_006980.3	-0.85	1.87	-1.36	4.46	-1.1	6.61	-1.64	13.31	-0.54	0.83	-0.51	0.27
ILMN_2405521	MTHFD2	NM_001040409.1	-1.03	5.05	-0.8	3.46	-1.11	6.03	-0.8	3.26	0.31	0.16	0.22	0.1
ILMN_1791478	MTPN	NM_145808.2	-1.09	1.73	-1.16	2.03	-1.73	7.95	-1.26	4.4	0.47	0.23	-0.07	0.01
ILMN_2308849	MYADM	NM_001020820.1	-0.35	0.87	-1.4	9.48	-1.2	15.05	-1.03	11.69	0.17	0.12	-1.05	4.81
ILMN_1699208	NAP1L1	NM_139207.1	-1.52	6.81	-1.45	6.53	-1.87	22.64	-1.78	21.14	0.09	0.02	0.06	0.01
ILMN_1751444	NCAPG	NM_022346.3	-1.12	4.74	-1.48	7.37	-1.22	7.92	-1.44	10.64	-0.22	0.09	-0.35	0.2
ILMN_1743208	NEDD1	NM_152905.2	-1.25	2.53	-1.4	3.24	-1.49	8.01	-1.38	7.01	0.11	0.02	-0.16	0.02
ILMN_2261076	NEDD9	NM_006403.2	0.14	0.09	-2	8.31	0.76	4.08	-0.53	1.96	-1.29	8.49	-2.13	7.36
ILMN_1707312	NFIL3	NM_005384.2	-0.73	1.94	-1.49	6.7	-0.39	0.92	-1.08	7.15	-0.69	1.92	-0.76	1.17
ILMN_1742089	NLN	NM_020726.3	-1	2.77	-1.07	3.2	-1.24	8.98	-1.13	7.55	0.12	0.03	-0.06	0.01
ILMN_2414007	NME2	NM_001018139.1	-1.72	9.83	-1.8	10.49	-1.18	6.28	-1.1	5.57	0.07	0.01	-0.08	0.02
ILMN_1676844	NR1D2	XM_940036.1	-1.22	6.63	-0.97	4.74	-0.97	7.13	-1.14	9.56	-0.17	0.08	0.25	0.13
ILMN_1782305	NR4A2	NM_006186.2	-1.33	6.84	-1.75	10.09	-0.47	1.75	-1.55	16.15	-1.08	6.84	-0.41	0.33
ILMN_1718629	NRIP1	NM_003489.2	-0.88	1.9	-1.52	5.1	-1.29	7.55	-1.3	7.62	-0.01	0	-0.64	0.43
ILMN_1699574	NRP1	NM_003873.4	-1.58	7.34	-1.45	6.59	-1.77	12.82	-1.71	12.09	0.06	0.01	0.13	0.03
ILMN_1697220	NTSE	NM_002526.1	-1.17	4.07	-1.43	5.77	-0.96	4.46	-1	4.84	-0.04	0.01	-0.26	0.08
ILMN_1798886	NUDT21	NM_007006.2	-0.92	1.73	-1.06	2.35	-1.95	9	-1.63	6.52	0.32	0.09	-0.14	0.02
ILMN_1765829	NUFIP2	NM_020772.1	-1.32	3.25	-1.27	3.16	-1.22	4.64	-0.95	2.91	0.26	0.07	0.05	0.01
ILMN_1785852	OBFC2A	NM_001031716.1	-0.62	2.69	-1.7	12.52	-0.04	0.04	-1.83	23.25	-1.78	19.37	-1.08	5.3
ILMN_2336094	ODZ3	NM_001080477.1	-1.28	4.67	-0.83	2.3	-1.04	6.55	-0.75	3.47	0.3	0.2	0.45	0.25
ILMN_1749846	OMD	NM_005014.1	-1.4	9.89	-1.39	9.87	-0.3	0.47	-1.07	6.04	-0.78	2.05	0.01	0
ILMN_2405078	OSBPL8	NM_020841.4	-1.92	4.58	-1.93	4.75	-1.23	4.44	-0.95	2.7	0.28	0.07	-0.01	0
ILMN_1757732	OSGIN2	NM_004337.1	-0.56	1.39	-1.08	4.64	-1.16	8.95	-1.28	10.68	-0.12	0.04	-0.52	0.52
ILMN_1723141	OTUD1	XM_001134465.1	0.2	0.29	-0.82	3.67	0.23	0.33	-1.17	7.97	-1.4	8.73	-1.03	3.84
ILMN_1676385	PAK2	XM_001126110.1	-2.07	3.55	-1.6	2.35	-1.82	9.02	-1.65	7.63	0.16	0.03	0.47	0.07
ILMN_1709396	PDCD10	NM_145859.1	-1.24	2.3	-1.56	3.59	-1.73	9.17	-1.81	9.9	-0.08	0.01	-0.32	0.06
ILMN_2365196	PDCD10	NM_145860.1	-1.38	4.48	-1.71	6.45	-1.15	4.55	-1	3.48	0.15	0.03	-0.33	0.11
ILMN_1806328	PDIK1L	NM_152835.2	-1.16	6.7	-0.38	0.99	-1.28	8.43	-1.16	7.16	0.11	0.03	0.78	2.39
ILMN_1723436	PFKFB2	NM_001018053.1	-0.8	4.35	-1.16	7.89	-1.05	10.55	-0.82	6.73	0.24	0.21	-0.36	0.42
ILMN_2102515	PGAM4	NM_001029891.2	-1.81	10.16	-1.84	10.41	-1.37	9.15	-1.02	5.37	0.35	0.23	-0.02	0
ILMN_1693620	PGM3	NM_015599.1	-0.97	1.33	-1.22	2.16	-1.29	3.46	-1.13	2.67	0.16	0.02	-0.25	0.04
ILMN_2168314	PGM3	NM_015599.1	-0.98	2.02	-1.08	2.51	-1.21	5.19	-1.24	5.44	-0.03	0	-0.1	0.01
ILMN_1687978	PHLDA1	NM_007350.3	0.32	0.17	-2.72	6.96	0.43	0.7	-1.5	8.24	-1.93	10.42	-3.04	6.53
ILMN_1705985	PIGA	NM_020473.2	-1.11	7.42	-1.53	11.52	-1.32	15.12	-1.69	22.18	-0.37	0.66	-0.42	0.65
ILMN_1815023	PIM1	NM_002648.2	1.47	4	-0.61	0.86	0.03	0.03	-1.35	14.97	-1.38	13.04	-2.08	5.51
ILMN_1701195	PLA2G7	NM_005084.2	-1.02	6.56	-0.88	5.31	-1.29	12.47	-1.09	9.41	0.2	0.11	0.14	0.06
ILMN_1789123	PLK4	NM_014264.3	-0.99	3.97	-1.38	6.89	-1.77	18.25	-1.81	19.08	-0.04	0.01	-0.39	0.26
ILMN_1771599	PLOD2	NM_000935.2	-0.27	0.67	-1.02	7.08	-0.99	9.22	-1.08	10.68	-0.09	0.03	-0.75	3.03
ILMN_2041788	PLS3	NM_005032.3	-1.09	9.03	-1.1	9.2	-1.01	11.65	-0.91	9.67	0.11	0.05	-0.01	0
ILMN_2309156	PMEPA1	NM_199169.1	1.01	3.33	-0.22	0.24	-0.95	5.95	-1.03	7	-0.09	0.02	-1.23	3.39
ILMN_1716862	PPM1B	NM_177968.2	-1.3	13.22	-1.93	19.41	-1.55	23.32	-2.45	42.03	-0.91	7.89	-0.63	3.55
ILMN_1659058	PPP1R10	NM_002714.2	0.26	0.37	-1.3	6.55	-0.69	3.22	-1.41	12.11	-0.72	2.33	-1.56	6.86
ILMN_1736670	PPP1R3C	NM_005398.4	-1.02	4.86	-1.04	5.12	-1.06	10.68	-0.94	8.71	0.12	0.05	-0.02	0
ILMN_2321485	PPP1R8	NM_014110.3	-1.02	1.46	-1.17	2	-2.05	10.01	-2.02	9.67	0.04	0	-0.15	0.02
ILMN_1796210	PPRC1	NM_015062.3	-0.08	0.1	-1.15	8.73	-0.28	0.62	-1.14	9.64	-0.85	4.14	-1.07	6.26
ILMN_1655622	PRKRIR	NM_004705.2	-0.83	4.69	-1.02	6.68	-1.33	13.44	-1.19	11.22	0.14	0.06	-0.2	0.11
ILMN_1737124	PRPF4B	NM_176800.1	-2.1	12.77	-1.94	11.62	-1.47	9.64	-1.45	9.5	0.01	0	0.16	0.05
ILMN_1703926	PTGER2	NM_000956.2	-0.95	6.36	-1.29	9.93	-1.18	9.25	-1.11	8.24	0.08	0.02	-0.34	0.42
ILMN_2054297	PTGS2	NM_000963.1	-0.7	1.17	-2.53	10.19	-1.08	7.25	-2	20.17	-0.92	3.78	-1.83	4.99
ILMN_1677511	PTGS2	NM_000963.1	-0.79	2.75	-1.39	7.15	-0.96	7.89	-1.08	9.76	-0.12	0.05	-0.6	0.84
ILMN_1760575	PTP4A1	NM_003463.3	-0.77	1.16	-1.25	2.94	-1.16	4.35	-1.51	7.12	-0.35	0.13	-0.47	0.15
ILMN_1695509	PTPN12	NM_002835.2	-0.71	1.79	-1.12	4.17	-1.26	8.29	-1.45	10.59	-0.19	0.06	-0.41	0.22
ILMN_1747184	PUS7L	NM_001098615.1	-1.19	5.19	-1.27	5.89	-1.61	16.45	-1.47	14.28	0.14	0.05	-0.08	0.02
ILMN_1667417	RAB23	NM_016277.3	-1.06	3.38	-1.02	3.28	-1.39	10.95	-1.22	8.8	0.17	0.06	0.04	0.01
ILMN_2346997	RAB23	NM_016277.3	-1.16	8.84	-1.15	8.8	-1.2	15.16	-1.2	15.19	0	0	0.01	0
ILMN_1790354	RABGGTB	NM_004582.2	-0.83	1.46	-1.17	2.88	-1.07	3.52	-1.22	4.62	-0.16	0.03	-0.34	0.09

ILMN_1722127	RAD54B	NM_012415.2	-1.16	4.9	-0.82	2.78	-1.77	15.7	-1.67	14.33	0.1	0.02	0.35	0.18
ILMN_1783846	RAPH1	NM_213589.1	-0.74	2.27	-1.07	4.46	-0.93	8.69	-1.08	11.34	-0.15	0.08	-0.33	0.16
ILMN_1751378	RARS	NM_002887.3	-0.92	4.38	-1.01	5.25	-1.06	12.17	-0.91	9.28	0.16	0.1	-0.09	0.03
ILMN_1696591	RB1	NM_000321.2	-1.22	3.43	-1.07	2.83	-1.87	14.04	-1.87	13.97	0.01	0	0.15	0.03
ILMN_1708611	RDX	NM_002906.3	-0.8	2.01	-1.18	4.18	-1.76	12.54	-1.86	13.73	-0.1	0.02	-0.39	0.17
ILMN_2380999	RECQL	NM_032941.1	-1.78	4.63	-1.92	5.36	-1.49	8.64	-1.41	7.9	0.07	0.01	-0.14	0.02
ILMN_1794068	RFX4	NM_002920.3	-1.31	6.45	-1.5	8.01	-1.05	7.36	-1.14	8.55	-0.09	0.02	-0.19	0.06
ILMN_2197365	RGS2	NM_002923.1	-2.18	13.33	-2.75	16.99	0.24	0.31	-2.14	18.6	-2.38	18.82	-0.57	0.79
ILMN_1685496	RGS7	NM_002924.3	-1.04	2.94	-1.24	4.16	-1.89	17.21	-2.04	19.51	-0.15	0.05	-0.21	0.05
ILMN_1755758	RIF1	NM_018151.3	-1.19	3.86	-1.23	4.18	-1.35	9.19	-1.41	9.87	-0.06	0.01	-0.03	0
ILMN_1655329	RIOK2	NM_018343.1	-0.89	2.31	-1.07	3.33	-1.16	7.14	-0.79	3.46	0.37	0.29	-0.18	0.04
ILMN_2070210	RNF219	NM_024546.3	-1.32	5.61	-1.53	7.12	-1.44	10.5	-1.66	13.45	-0.23	0.1	-0.21	0.06
ILMN_1808768	ROCK1	NM_005406.2	-1.19	2.24	-1.68	4.23	-1.1	5.4	-1.08	5.26	0.02	0	-0.49	0.14
ILMN_1766916	RPAP3	NM_024604.1	-1.04	3.71	-1.25	5.17	-1.42	12.63	-1.46	13.27	-0.04	0.01	-0.21	0.06
ILMN_1698231	RRM2B	NM_015713.3	-1.29	6.72	-1.35	7.3	-1.38	11.99	-1.3	10.86	0.08	0.02	-0.06	0.01
ILMN_2089458	SASS6	NM_194292.1	-1	4.82	-0.82	3.53	-1.18	9.84	-1.09	8.49	0.09	0.03	0.19	0.07
ILMN_1794598	SCHIP1	NM_014575.2	-0.08	0.08	-1.33	7.6	-0.4	2.45	-1.15	17.09	-0.75	6.53	-1.25	5.37
ILMN_1768050	SCOC	NM_032547.1	-0.82	3.59	-1.09	5.81	-1.13	8.68	-1.1	8.22	0.03	0.01	-0.26	0.15
ILMN_1743427	SCYL3	NM_020423.4	-0.52	1.07	-1.03	3.84	0.31	0.83	-0.9	6.78	-1.21	9.25	-0.51	0.41
ILMN_2054233	SENP6	NM_015571.1	-1.01	2.46	-1.4	4.46	-2.08	16.15	-1.88	13.75	0.2	0.06	-0.38	0.13
ILMN_1655595	SERPINE2	NM_006216.2	-0.99	7.62	-1.5	13.16	-1.49	10.38	-1.03	5.31	0.46	0.47	-0.51	1.55
ILMN_1730794	SERTAD4	NM_019605.2	-0.14	0.11	-2.07	9.67	-0.68	3.33	-1.2	9.61	-0.52	1.03	-1.93	7.12
ILMN_1776077	SF1	NM_201997.1	-1.62	5.05	-1.99	7.05	0.38	0.58	-0.75	2.38	-1.12	3.75	-0.37	0.11
ILMN_1702487	SGK	NM_005627.2	-0.5	0.57	-2.54	9.7	-0.05	0.06	-1.35	16.2	-1.29	12.71	-2.05	5.61
ILMN_2158242	SHOC2	NM_007373.2	-1.09	3.09	-1.29	4.24	-1.5	8.12	-1.26	5.87	0.24	0.07	-0.2	0.05
ILMN_1743402	SIX4	NM_017420.3	-0.33	1.04	-1.11	8.46	-0.36	1.27	-1.33	15.27	-0.97	7.04	-0.78	3.58
ILMN_1732410	SLC16A9	NM_194298.1	-1.16	7.97	-0.98	6.3	-1.2	8.52	-1.21	8.7	-0.01	0	0.19	0.1
ILMN_1730639	SLC22A15	NM_018420.1	-0.24	0.31	-1.25	6.18	-0.86	6.7	-1.05	9.47	-0.18	0.11	-1.01	3.1
ILMN_1766528	SLC25A36	NM_018155.1	-1.64	4.32	-1.51	3.9	-1.43	8.16	-1.35	7.36	0.08	0.01	0.13	0.02
ILMN_1745021	SLC30A1	NM_021194.2	-0.86	4.44	-1.33	8.7	-1.43	14.66	-1.51	16.01	-0.08	0.02	-0.46	0.69
ILMN_2067852	SLC30A1	NM_021194.2	-0.89	5.21	-1.28	9.01	-1.27	14.52	-1.34	15.73	-0.06	0.02	-0.39	0.49
ILMN_1651799	SLC38A2	NM_018976.3	-0.83	3.22	-2.16	13.24	-0.12	0.17	-1.96	27.19	-1.84	21.68	-1.33	5.48
ILMN_1676449	SLIT2	NM_004787.1	-1.71	7.89	-1.84	8.82	-1.19	9.56	-0.77	4.34	0.42	0.57	-0.12	0.03
ILMN_1767068	SMAD6	NM_005585.3	0.08	0.06	-1.29	5.24	-0.44	2.3	-1.12	13.17	-0.68	3.9	-1.37	4.27
ILMN_1713163	SMARCA5	NM_003601.2	-1.29	2.74	-1.35	3.08	-1.48	9	-1.65	10.91	-0.17	0.05	-0.06	0.01
ILMN_1748923	SMC2	NM_001042550.1	-1.13	2.95	-1.49	4.87	-2.13	16.19	-2.16	16.58	-0.03	0	-0.36	0.11
ILMN_2330861	SMC4	NM_001002800.1	-0.84	3.34	-1.23	6.32	-1.3	11.1	-1.32	11.43	-0.02	0	-0.38	0.29
ILMN_1799381	SNORD14A	NR_000022.1	-0.79	2.04	-1.18	4.28	-1.03	9.24	-0.99	8.49	0.05	0.01	-0.39	0.18
ILMN_1666599	SNORD30	NR_002561.1	-1	3.08	-1.48	6.07	-1.46	9.62	-1.69	12.39	-0.23	0.09	-0.48	0.31
ILMN_2072391	SNORD31	NR_002560.1	-1.66	2.53	-1.85	3.18	-1.75	5.54	-1.82	5.94	-0.07	0.01	-0.19	0.02
ILMN_1797082	SNX13	NM_015132.3	-0.91	2.44	-1.19	4.07	-1.34	10.88	-1.17	8.6	0.17	0.06	-0.28	0.09
ILMN_1753795	SOCS4	NM_199421.1	-1.17	4.29	-1.09	3.98	-1.06	8.98	-0.98	7.81	0.08	0.02	0.07	0.01
ILMN_1756942	SP3	NM_001017371.3	-1.24	3.59	-1.47	4.89	-1.73	13.58	-1.76	14.09	-0.04	0.01	-0.23	0.05
ILMN_2145997	SP4	NM_003112.3	-1.64	7.84	-1.53	7.23	-0.6	1.67	-1.3	7.55	-0.7	1.3	0.11	0.02
ILMN_1804277	SPRED1	NM_152594.1	-1.02	8.59	-1.76	16.52	-1.03	9.44	-1.8	23.11	-0.77	3.96	-0.74	4.02
ILMN_1804822	SRXN1	NM_080725.1	-0.71	5.67	-1.01	9.52	-0.97	8.29	-1.04	9.48	-0.08	0.02	-0.3	0.52
ILMN_1809478	SSBP1	NM_003143.1	-0.88	3.33	-1.13	5.19	-0.96	7.52	-1.01	8.24	-0.05	0.01	-0.25	0.1
ILMN_1667315	STAG3L1	NM_018991.2	-0.77	1.8	-1.16	3.85	-0.19	0.24	-1.47	11.68	-1.28	7.17	-0.39	0.16
ILMN_2391178	STAR	NM_001007243.1	-1.06	5.48	-1.05	5.54	-1.02	8.12	-1.26	11.6	-0.23	0.15	0.01	0
ILMN_1691884	STC2	NM_003714.2	-1.21	6.33	-0.69	2.54	-1.23	5.36	-0.9	2.94	0.33	0.13	0.52	0.7
ILMN_1653856	STS-1	NM_032873.3	-0.71	2.26	-1.16	5.47	-1.24	8.23	-1.28	8.73	-0.04	0.01	-0.46	0.4
ILMN_2194448	STT3B	NM_178862.1	-0.89	1.61	-1.22	2.97	-1.55	8.85	-1.68	10.23	-0.13	0.03	-0.33	0.08
ILMN_1677532	TARDBP	NM_007375.3	-1.14	4.61	-0.97	3.63	-1.51	14.37	-0.6	2.69	0.91	4.28	0.17	0.05
ILMN_1701058	TATDN1	NM_032026.2	-1.3	3.21	-1.17	2.8	-1.83	11.43	-1.6	9.06	0.23	0.07	0.13	0.02
ILMN_1688098	TBC1D4	NM_014832.2	-1.23	6.75	-1.27	7.19	-1.28	12.63	-1.18	10.97	0.1	0.04	-0.04	0.01
ILMN_2314007	TCF12	NM_207037.1	-1.82	11.16	-1.73	10.44	-1.66	13.33	-1.16	7.19	0.5	0.64	0.1	0.03
ILMN_1669832	TCF12	NM_207038.1	-1.78	8.74	-1.86	9.4	-1.48	10.46	-0.98	4.95	0.5	0.6	-0.08	0.02
ILMN_1777096	TDG	NM_003211.3	-0.77	3.87	-1.4	9.7	-1.1	14.56	-1.28	18.43	-0.17	0.15	-0.63	1.66
ILMN_2067709	TFB2M	NM_022366.1	-0.66	2.9	-1.11	6.96	-0.47	2.81	-1.07	12.96	-0.6	3.21	-0.45	0.67
ILMN_2318643	TGIF1	NM_170695.2	0.38	0.42	-0.87	2.11	0.96	8.68	-0.6	3.63	-1.56	16.55	-1.25	2.64
ILMN_2318638	TGIF1	NM_170695.2	-0.14	0.11	-1.37	5.39	0.63	5.12	-0.61	4.77	-1.24	14.03	-1.23	3.18
ILMN_1690066	TIGD2	NM_145715.2	-0.87	3.62	-1.22	6.41	-0.63	2.66	-1.13	7.99	-0.49	0.8	-0.35	0.24
ILMN_1761939	TIPIN	NM_017858.1	-1.25	5.19	-1.01	3.75	-1.28	7.61	-1.04	5.17	0.24	0.1	0.24	0.08
ILMN_2403006	TJP1	NM_175610.2	-1.02	4.58	-1.17	5.82	-1.22	8.99	-1.07	7.16	0.15	0.05	-0.15	0.05

ILMN_1725387	TMEM200A	NM_052913.2	-1.28	8.54	-1.03	6.35	-1.01	6.74	-0.96	6.04	0.06	0.01	0.25	0.16
ILMN_1770922	TMEM45A	NM_018004.1	-1.11	5.5	-1.02	4.93	-1.27	8.86	-1.18	7.75	0.09	0.02	0.09	0.02
ILMN_2150402	TMEM64	NM_001008495.2	-0.84	3.75	-1.1	6	-1.08	9.54	-1.16	10.74	-0.08	0.02	-0.26	0.15
ILMN_2373010	TMEM70	NM_017866.4	-1.57	9.25	-1.42	8.16	-1.11	7.29	-0.97	5.68	0.14	0.04	0.15	0.05
ILMN_2222688	TMSB4X	NM_021109.2	-1.49	8.61	-1.64	9.88	-1.7	28.53	-1.69	28.46	0.01	0	-0.15	0.05
ILMN_1732566	TMTC3	NM_181783.2	-1.48	5.34	-1.52	5.7	-1.51	13.69	-1.53	13.97	-0.02	0	-0.04	0.01
ILMN_1837935	TNPO1	NM_153188.2	-1.22	4.04	-1.05	3.26	-1.81	13.38	-1.62	11.11	0.19	0.06	0.17	0.04
ILMN_1786347	TNPO1	NM_153188.2	-1.47	2.53	-1.16	1.72	-1.6	11.91	-0.83	3.61	0.77	1.94	0.31	0.05
ILMN_1686097	TOP2A	NM_001067.2	-0.87	2.3	-1.05	3.29	-1.55	12.06	-1.6	12.74	-0.05	0.01	-0.17	0.04
ILMN_1783910	TRAF6	NM_145803.1	-0.41	0.95	-1.06	5.28	-0.49	3.41	-1.1	14.73	-0.61	3.71	-0.64	1.22
ILMN_1788783	TRAM2	NM_012288.3	-1.5	14.33	-1.34	12.56	-1.48	15.87	-1.45	15.44	0.03	0.01	0.17	0.12
ILMN_1803811	TRIB1	NM_025195.2	-0.5	0.26	-2.58	5.16	-0.47	1.12	-2.01	17.32	-1.54	8.98	-2.09	2.38
ILMN_1700337	TROAP	NM_005480.2	-0.97	5.6	-1.01	6.09	-1.05	10.37	-1.69	22.13	-0.64	2.78	-0.04	0.01
ILMN_1738909	TROVE2	NM_004600.4	-0.66	2.99	-1.09	6.92	-0.74	4.65	-1.05	8.81	-0.31	0.32	-0.43	0.61
ILMN_1788166	TTK	NM_003318.3	-1.21	4.6	-1.33	5.5	-1.51	13.43	-1.84	18.42	-0.33	0.28	-0.12	0.03
ILMN_1717056	TXNRD1	NM_001093771.1	-0.54	1.63	-1.4	8.27	-0.42	1.38	-1.75	19.63	-1.33	10.41	-0.86	2.63
ILMN_2324421	TXNRD1	NM_182743.1	-0.79	1.4	-1.53	4.7	-0.07	0.05	-1.45	10.89	-1.38	7.93	-0.73	0.53
ILMN_1770515	UBE2V2	NM_003350.2	-1.12	3.7	-1.45	5.81	-1.44	8.94	-1.32	7.64	0.12	0.03	-0.33	0.13
ILMN_1696975	USP1	NM_001017416.1	-1.11	4.28	-1.4	6.36	-1.21	7.33	-1.19	7.04	0.03	0	-0.29	0.12
ILMN_1687284	USP12	NM_182488.1	-1.01	3.96	-1	4.03	-0.71	2.49	-1.04	5.29	-0.33	0.19	0.01	0
ILMN_2306077	USP33	NM_201624.1	-0.95	2.41	-1.13	3.4	-1	6.44	-0.77	3.96	0.23	0.11	-0.18	0.04
ILMN_1795275	USP53	NM_019050.2	-0.97	3.37	-1.39	6.24	-1.28	13.49	-1.19	12.03	0.09	0.03	-0.42	0.26
ILMN_1735908	UTP15	NM_032175.2	-1.01	5.8	-1.78	12.8	-0.67	3.32	-1.32	11.61	-0.65	1.99	-0.78	2.62
ILMN_1697906	WBP4	NM_007187.3	-0.61	1.91	-1.26	6.69	-0.98	6.9	-1.31	11.52	-0.33	0.33	-0.65	1.18
ILMN_1704621	WDR44	NM_019045.3	-0.77	3.04	-1.08	5.48	-0.98	6.62	-1.15	8.78	-0.17	0.06	-0.31	0.19
ILMN_1744240	WDR67	NM_145647.2	-1.17	5.34	-0.66	2.08	-1.07	8.37	-0.68	3.62	0.39	0.51	0.51	0.52
ILMN_1801869	WDR75	NM_032168.1	-1.09	5.32	-0.96	4.48	-1.11	13.23	-0.83	8.02	0.28	0.4	0.13	0.04
ILMN_1778561	WEE1	NM_003390.2	-0.61	3.08	-1.38	10.79	-1.11	13.62	-2.06	33.76	-0.96	8.49	-0.77	3.28
ILMN_1809433	XBP1	NM_005080.2	-0.74	2.71	-1.22	6.35	-1.04	10.41	-1	9.62	0.05	0.01	-0.48	0.51
ILMN_1725121	XPO1	NM_003400.3	-1.14	4.24	-1.09	4.06	-1.97	16.46	-1.89	15.51	0.08	0.01	0.05	0.01
ILMN_2188374	XPOT	NM_007235.3	-1.43	1.88	-1.53	2.22	-1.59	4.55	-1.72	5.24	-0.12	0.01	-0.09	0.01
ILMN_1750145	YWHAG	NM_012479.2	-1.91	6.77	-1.78	6.22	-1.35	4.81	-1.03	2.83	0.32	0.09	0.13	0.02
ILMN_2093500	ZBED5	NM_021211.2	0.05	0.02	-1.54	4.07	-0.01	0	-1.32	7.75	-1.32	5.83	-1.59	2.95
ILMN_1664424	ZBED5	NM_021211.2	0.05	0.02	-1.65	3.57	-1	4.12	-2.2	16.5	-1.2	4.12	-1.69	2.46
ILMN_1686360	ZNF124	NM_003431.2	-1.49	9.32	-1.6	10.29	-1.2	9.55	-0.86	5.23	0.34	0.33	-0.11	0.03
ILMN_1684964	ZNF212	NM_012256.2	-0.91	6.48	-1.32	10.99	-0.98	12.14	-1.49	23.52	-0.51	2.45	-0.41	0.82
ILMN_1755303	ZNF217	NM_006526.2	-0.73	0.89	-1.72	4.42	-0.25	0.17	-1.36	4.17	-1.11	1.69	-0.99	0.79
ILMN_2117904	ZNF22	NM_006963.3	-1.15	10.12	-1.04	8.93	-0.88	8.38	-1	10.47	-0.12	0.06	0.11	0.06
ILMN_2061310	ZNF280C	NM_017666.2	-1.39	9.92	-1.54	11.32	-1.09	14.31	-1.56	24.6	-0.46	1.87	-0.14	0.06
ILMN_1728230	ZNF30	NM_001099437.1	-1.51	10.61	-1.1	6.89	-1.39	17.12	-1.59	21.07	-0.2	0.15	0.42	0.55
ILMN_1692100	ZNF35	NM_003420.3	-0.49	1.19	-1.18	5.8	-0.85	7.46	-1.08	11.35	-0.23	0.2	-0.69	1.29
ILMN_1658094	ZNF365	NM_014951.2	0.52	1.09	-0.52	1.18	0.54	2.32	-0.6	2.91	-1.15	7.59	-1.04	2.73
ILMN_1742541	ZNF518A	NM_014803.3	-0.95	4.21	-1.13	5.72	-0.47	2.09	-1.28	13.72	-0.81	4.56	-0.18	0.06
ILMN_1677785	ZNF559	NM_032497.1	-0.83	3.68	-1.06	5.68	-0.74	4.11	-1.27	10.96	-0.53	1.14	-0.23	0.11
ILMN_1721629	ZNF654	NM_018293.2	-1.09	2.21	-1.13	2.47	-1.42	9.93	-1.43	9.98	0	0	-0.04	0
ILMN_2367233	ZNF654	NM_018293.2	-0.53	1.15	-1	3.91	-1.18	8.32	-1.04	6.57	0.14	0.05	-0.48	0.39
ILMN_1741313	ZNF782	NM_001001662.1	-0.93	4.46	-1.08	5.85	-0.95	6.97	-1.19	10.38	-0.24	0.16	-0.15	0.06
ILMN_1688346	ZNF800	NM_176814.3	-0.31	0.46	-1.32	6.39	-0.51	2.36	-1.2	11.91	-0.69	3.03	-1.01	2.88
ILMN_2225348	ZNF805	NM_001023563.1	-0.83	1.76	-1.03	2.69	-1.04	5.46	-1.04	5.46	0	0	-0.19	0.04
ILMN_1777061	ZSWIM6	XM_035299.8	-0.83	2.23	-1.44	5.78	-1.04	7.37	-1.1	8.1	-0.06	0.01	-0.6	0.52
ILMN_1806483	ZWILCH	NM_017975.3	-1.9	2.92	-1.6	2.25	-1.14	2.97	-1.32	4.03	-0.19	0.03	0.3	0.04
ILMN_2206746	BGN	NM_001711.3	1.83	11.51	0.83	3.61	1.39	13.4	1.54	15.94	0.15	0.06	-1	3.54
ILMN_1767322	EDAR	NM_022336.2	1.75	7.23	0.2	0.19	1.33	9.92	0.63	2.47	-0.7	1.83	-1.55	4.66
ILMN_2129572	F3	NM_001993.2	-0.51	1.23	-1.7	9.37	1.15	5.67	0.37	0.59	-0.78	1.59	-1.18	4.11
ILMN_2115005	FGD2	NM_173558.2	1.88	13.01	0.47	1.51	1.21	13.11	0.88	7.56	-0.33	0.49	-1.41	7.37
ILMN_1766650	FOXA1	NM_004496.2	-0.49	1.37	-1.01	5.13	1.16	10.95	0.25	0.58	-0.91	5.34	-0.52	0.74
ILMN_1670926	GALNAC4S-6S	NM_015892.2	1.26	6.38	-0.29	0.51	1.09	14.62	0.33	1.54	-0.76	6.12	-1.55	7.06
ILMN_1796316	MMP9	NM_004994.2	2.94	20.8	1.65	11.57	1.01	8.45	0.85	6.08	-0.17	0.08	-1.29	6.81
ILMN_1753439	RPTN	XM_937200.2	1.75	14.34	0.61	3.21	2.1	16.79	1.31	7.65	-0.78	1.73	-1.13	6.8
ILMN_1789627	Sep 05	NM_002688.4	2.39	17.21	1.34	8.75	1.28	12.64	1.14	10.45	-0.14	0.06	-1.05	4.61
ILMN_1714170	SPSB1	NM_025106.2	1.93	9.04	0.89	2.71	1.02	8.87	1.05	9.42	0.03	0.01	-1.04	2.32
ILMN_2412380	TSC22D1	NM_183422.1	-0.22	0.21	-1.09	3.79	1.33	6.17	0.64	1.47	-0.69	0.86	-0.87	1.46
ILMN_2072568	CLDN8	NM_199328.1	1.49	8.03	1.55	8.56	2.49	30.37	1.41	13.02	-1.08	6.4	0.05	0.01
ILMN_1746676	CLDN8	NM_199328.1	1.17	5.65	1.1	5.28	2.35	29.25	1.25	11.16	-1.1	7.05	-0.07	0.01

ILMN_1750497	GPR109A	NM_177551.3	1.29	6.32	0.62	1.89	1.73	14.15	0.72	2.89	-1.01	3.91	-0.67	1.13
ILMN_2405254	GRB7	NM_001030002.1	1.59	7.29	0.8	2.41	1.12	5.62	-0.05	0.03	-1.17	4.46	-0.79	1.32
ILMN_1662917	LMO1	NM_002315.1	1.51	6.7	0.8	2.41	1.4	7.24	0.37	0.54	-1.03	2.71	-0.71	0.96