

Ilumina Identifier	HGNC gene symbol	Refseq ID	B12 LR(0.08uM+TGfb/UT+DMSO+TGfb)	B12 -log10(pVAL(0.08uM+TGfb/UT+DMSO+TGfb))	B12 LR(2uM+TGfb/UT+DMSO+TGfb)	B12 -log10(pVAL(2uM+TGfb/UT+DMSO+TGfb))	B12 LR(0.08uM-TGfb/UT+DMSO)	B12 -log10(pVAL(0.08uM-TGfb/UT+DMSO))	B12 LR(2uM-TGfb/UT+DMSO)	B12 -log10(pVAL(2uM-TGfb/UT+DMSO))	B12 LR(2uM-TGfb/0.08uM-TGfb)	B12 -log10(pVAL(2uM-TGfb/0.08uM-TGfb))	B12 LR(2uM+TGfb/0.08uM+TGfb)	B12 -log10(pVAL(2uM+TGfb/0.08uM+TGfb))
ILMN_1731433	ABP1	NM_001091.2	2.59	13.04	2.38	11.85	2.19	11.65	1.9	9.09	-0.29	0	-0.21	0.03
ILMN_1758323	ACPP	NM_001099.2	0.91	5.52	1.4	10.57	0.92	8.52	1.19	13.2	0.27	0	0.49	0.89
ILMN_2223359	ADH7	NM_000673.3	2.21	18.04	2.06	17.13	2.16	23.5	2.14	23.1	-0.02	0	-0.15	0.03
ILMN_1702858	ADHFE1	NM_144650.2	0.84	4.06	1.2	7.31	0.87	5.39	1	7.01	0.13	0	0.36	0.22
ILMN_1672148	AKR1B10	NM_020299.3	1.19	8.7	1.39	10.84	1.65	12.99	1.58	12.03	-0.07	0	0.2	0.06
ILMN_2412336	AKR1C2	NM_001354.4	1.54	13.8	1.44	12.81	1.39	21.03	1.31	18.98	-0.09	0	-0.1	0.02
ILMN_2096372	ALDH1A1	NM_000689.3	1.31	3.39	1.62	4.9	1.68	9.21	1.87	11.11	0.2	0	0.31	0.04
ILMN_1709348	ALDH1A1	NM_000689.3	2.05	4.97	2.63	7.44	1.52	2.97	1.64	3.42	0.11	0	0.58	0.09
ILMN_1702503	ALDH3A1	NM_000691.3	1.69	13.08	1.79	14.12	1.46	15.96	1.53	17.16	0.07	0	0.1	0.02
ILMN_2363880	ALDH3B2	NM_001031615.1	1.13	8.61	1.3	10.52	1.01	7.52	1.05	8.09	0.04	0	0.17	0.05
ILMN_1763666	ALDH3B2	NM_001031615.1	2.25	16.76	2.49	18.48	2.14	20.46	2.09	19.81	-0.04	0	0.23	0.07
ILMN_1801851	ALPPL2	NM_031313.1	1.2	5.04	1.14	4.65	1.16	9.28	1.19	9.64	0.03	0	-0.06	0
ILMN_1798006	ANKRD35	NM_144698.2	1.74	9.87	1.41	7.42	1.41	16.45	1.2	12.44	-0.22	0	-0.32	0.1
ILMN_2217601	ANXA9	NM_003568.1	1.48	8.6	1.63	9.91	1.5	11.25	1.55	11.86	0.05	0	0.15	0.02
ILMN_1656951	APCDD1	NM_153000.3	1.62	16.39	1.35	13.52	1.1	8.6	1.15	9.24	0.05	0	-0.27	0.25
ILMN_1721626	ARID5B	NM_032199.1	1	4.48	2.34	15.08	1.52	8.99	1.42	7.91	-0.1	0	1.34	5.86
ILMN_1708778	ASS1	NM_000050.4	1.87	17.09	1.77	16.29	1.77	23.4	1.82	24.28	0.05	0	-0.1	0.02
ILMN_2395451	ASS1	NM_054012.3	1.82	9.74	1.86	10.18	2.32	22.66	2.36	23.11	0.04	0	0.05	0
ILMN_1812073	ATP6V1B1	NM_001692.3	2.8	17.42	2.84	17.79	2.67	27.07	2.77	28.38	0.1	0	0.04	0
ILMN_1690682	B3GALT4	NM_003782.3	1.13	5.43	1.4	7.63	1.08	7.49	1.04	7.06	-0.03	0	0.27	0.07
ILMN_1814686	BCMO1	NM_017429.2	0.97	5.43	1.29	8.42	1.32	12.82	1.43	14.64	0.11	0	0.31	0.16
ILMN_2206746	BGN	NM_001711.3	1.24	6.14	0.71	2.29	1.06	8.24	0.86	5.56	-0.2	0	-0.54	0.5
ILMN_1699989	BNIPL	NM_138278.2	1.45	8.11	1.63	9.63	1.11	6.15	1.04	5.42	-0.07	0	0.18	0.03
ILMN_1802192	C10orf99	NM_207373.2	1.52	12.49	1.52	12.57	1.08	8.59	0.96	6.9	-0.12	0	0	0
ILMN_2174711	C21orf129	NM_152506.1	1.23	4.72	1.83	8.82	1.36	8	1.37	8.07	0.01	0	0.6	0.44
ILMN_1690454	C3orf54	NM_203370.1	1.19	9.99	0.76	5.12	1.15	12.61	0.83	7.07	-0.32	0	-0.43	0.87
ILMN_1674629	C9orf3	NM_032823.3	1.55	11.5	1.07	6.95	1.24	14.84	1.02	10.6	-0.22	0	-0.47	0.7
ILMN_1674650	C9orf95	NM_017881.1	1	4.47	1.2	6.05	1.22	7.51	1.28	8.16	0.06	0	0.2	0.03
ILMN_2326509	CASP1	NM_033294.2	1	5.22	1.19	6.98	0.85	5.15	1.11	8.33	0.26	0	0.19	0.04
ILMN_2326512	CASP1	NM_033294.2	0.95	5.27	1.26	8.18	0.73	4.33	1.03	8.06	0.29	0	0.31	0.15
ILMN_1651705	CAT	NM_001752.2	0.75	6.42	1.03	10.11	0.87	5.84	1.07	8.5	0.2	0	0.27	0.3
ILMN_1803338	CCDC80	NM_199511.1	0.92	5.39	1.01	6.29	1.3	9.36	1.04	6.24	-0.26	0	0.09	0.01
ILMN_1712522	CEACAM6	NM_002483.3	1.05	5.13	1.15	6.01	1.05	6.85	1.23	9.04	0.18	0	0.1	0.01
ILMN_1782050	CEBPD	NM_005195.3	0.31	0.72	1.2	8.4	1.33	16.37	1.09	11.86	-0.23	0	0.9	4.07
ILMN_1803236	CLCA2	NM_006536.4	0.81	4.14	1.04	6.25	1	7.39	1.12	8.98	0.12	0	0.23	0.07
ILMN_1679176	CLCA4	NM_012128.2	1.99	7.49	2.06	7.96	1.45	5.46	1.5	5.86	0.06	0	0.07	0
ILMN_2072568	CLDN8	NM_199328.1	2.19	15.04	2.36	16.56	2.47	30.06	2.38	28.36	-0.1	0	0.18	0.03
ILMN_1746676	CLDN8	NM_199328.1	1.41	7.81	1.94	12.1	2.23	27.17	2.04	23.83	-0.2	0	0.52	0.51
ILMN_1796423	CLIC3	NM_004669.2	2.22	10.88	1.61	6.94	2.31	19.16	2.11	16.59	-0.2	0	-0.61	0.43
ILMN_1803838	CNFN	NM_032488.2	1.52	9.52	1.32	7.89	1.11	9.47	1.01	7.9	-0.11	0	-0.2	0.04
ILMN_1690170	CRABP2	NM_001878.2	1.72	17.21	1.38	13.78	1.55	19.91	1.55	19.71	-0.01	0	-0.33	0.49
ILMN_1810942	CYP3A5	NM_000777.2	3.53	13.49	4.08	16.01	3.76	18.94	3.53	17.09	-0.23	0	0.55	0.12
ILMN_1659215	CYP4B1	NM_000779.3	1.39	8.27	1.22	6.88	0.86	5.68	1.03	7.9	0.17	0	-0.17	0.03
ILMN_1809384	CYP4F12	NM_023944.2	1.85	11.27	1.93	11.99	1.65	12.75	1.67	12.98	0.02	0	0.08	0.01
ILMN_1736190	CYP4F3	NM_000896.1	1.74	9.1	1.84	9.85	1.41	8.64	1.61	10.79	0.2	0	0.09	0.01
ILMN_2175317	CYP4X1	NM_178033.1	1.04	11.1	0.96	10.03	1.05	9.96	0.87	7.11	-0.18	0	-0.08	0.02
ILMN_1687556	DAPL1	NM_001017920.1	1.98	14.38	2.09	15.48	1.78	12.69	1.84	13.43	0.06	0	0.12	0.02

ILMN_1686573	DEFB1	NM_005218.3	2.02	5.19	2.19	5.96	1.1	2.21	1.18	2.56	0.08	0	0.17	0.01
ILMN_1812799	DSG4	NM_177986.2	1.93	9.18	2.32	11.86	1.78	12.06	1.8	12.31	0.03	0	0.39	0.11
ILMN_1672022	EPHA4	NM_004438.3	1.43	9.17	0.76	3.35	1.17	7.36	1.24	8.08	0.07	0	-0.67	1.56
ILMN_1751346	ERBB3	NM_001982.2	1.12	4.45	1.77	9.1	1	5.44	1	5.38	0	0	0.65	0.69
ILMN_1755721	FAM63A	NM_018379.3	1.26	7.48	1.36	8.48	1.3	8.3	1.23	7.57	-0.06	0	0.1	0.01
ILMN_1728799	FBP1	NM_000507.2	1.37	11.66	1.26	10.53	1.16	11.1	0.95	7.78	-0.21	0	-0.11	0.02
ILMN_1652280	FBXO32	NM_058229.2	1.24	4.63	1.83	8.58	1.54	8.38	1.67	9.69	0.13	0	0.59	0.4
ILMN_1703955	FBXO32	NM_148177.1	1.4	7.77	2.13	13.73	1.28	4.61	1.44	5.73	0.16	0	0.73	1.54
ILMN_1772686	FGD3	NM_033086.2	1.21	7.48	1.84	13.24	0.88	4.34	1.52	11.72	0.64	0	0.63	1.38
ILMN_1669046	FOXQ1	NM_033260.3	0.65	2.72	1.11	6.8	1.43	19.06	1.35	17.43	-0.08	0	0.46	0.54
ILMN_1794659	FUT2	NM_001097638.1	0.7	3.14	1.06	6.36	0.83	5.31	1.02	7.78	0.19	0	0.36	0.24
ILMN_1791580	FXYD3	NM_005971.2	1.16	8.23	1.16	8.21	1.12	9.27	1.16	9.82	0.04	0	-0.01	0
ILMN_1665372	FXYD3	NM_021910.1	1.61	11.32	1.52	10.57	1.19	7.73	1.03	6.01	-0.15	0	-0.09	0.01
ILMN_2324202	GABRE	NM_004961.3	0.86	2.16	1.11	3.47	1.28	5.81	1.08	4.2	-0.2	0	0.25	0.03
ILMN_1784706	GABRE	NM_004961.3	1.04	3.35	0.8	2.05	1.08	3.37	1.34	5.16	0.27	0	-0.24	0.03
ILMN_1774077	GBP2	NM_004120.3	2.67	13.63	2.82	14.61	2.28	13.65	2.24	13.2	-0.04	0	0.14	0.01
ILMN_1756953	GBP6	NM_198460.1	0.85	5.84	1.06	8.24	1	6.72	0.98	6.38	-0.03	0	0.21	0.08
ILMN_1737308	GLRX	NM_002064.1	1.21	5.92	1.08	4.95	0.93	2.53	1.04	3.19	0.11	0	-0.13	0.02
ILMN_1729417	GNE	NM_005476.3	0.39	0.87	1.02	5.35	1.31	14.82	1.22	13.15	-0.09	0	0.63	1.23
ILMN_2384056	GPFR	NM_001039966.1	1.39	7.34	1.2	5.87	1.59	12.32	1.47	10.71	-0.12	0	-0.19	0.03
ILMN_1795298	GPFR	NM_001039966.1	1.23	8.23	1.1	6.96	1.28	9.33	1.23	8.6	-0.06	0	-0.14	0.03
ILMN_2407389	GPNMB	NM_002510.2	1.15	5.98	1.43	8.3	0.89	4.16	1.08	6.05	0.2	0	0.27	0.08
ILMN_1750497	GPR109A	NM_177551.3	0.94	3.52	1.16	5.04	1.38	9.47	1.38	9.44	0	0	0.22	0.04
ILMN_1787648	GPR125	XM_944791.1	1.09	2.31	1.26	3.06	0.8	1.84	1.04	3.16	0.24	0	0.17	0.01
ILMN_1801043	GSN	NM_198252.2	1.79	14.32	1.33	9.93	1.07	8.72	1.16	10.03	0.09	0	-0.46	0.74
ILMN_1787518	GSN	NM_000177.3	1.33	4.54	1.03	2.89	1.37	11.77	1.2	9.28	-0.17	0	-0.3	0.05
ILMN_1710284	HES1	NM_005524.2	1.12	6.71	1.04	6.05	1.14	11.8	1.13	11.59	-0.01	0	-0.08	0.01
ILMN_2094266	HES2	NM_019089.3	1.51	11.21	1.02	6.41	1.02	12.55	1.11	14.39	0.09	0	-0.5	0.84
ILMN_1758623	HIST1H2BD	NM_138720.1	0.98	3.85	1.07	4.49	1.31	8.01	1.15	6.35	-0.15	0	0.09	0.01
ILMN_1659047	HIST2H2AA3	NM_003516.2	1.1	8.11	1.08	7.99	1.54	13.36	1.34	10.47	-0.2	0	-0.02	0
ILMN_2144426	HIST2H2AA3	NM_003516.2	1.11	9.38	1.05	8.71	1.17	11.52	1.28	13.27	0.11	0	-0.06	0.01
ILMN_1732071	HIST2H2BE	NM_003528.2	0.61	1.36	1.01	3.56	1.17	7.92	1.2	8.18	0.02	0	0.4	0.14
ILMN_2166457	HPGD	NM_000860.3	1.14	6	1.18	6.46	1.26	11.06	1.19	9.91	-0.07	0	0.05	0
ILMN_2193706	HRK	NM_003806.1	1.57	12.43	0.84	5.11	1.04	8.78	1.03	8.58	-0.01	0	-0.72	2.74
ILMN_1826165			1.45	6.92	1.65	8.43	1.44	12.38	1.52	13.43	0.08	0	0.2	0.03
ILMN_1857335			1.6	10.13	1.86	12.45	1.4	13.48	1.47	14.63	0.07	0	0.26	0.08
ILMN_1863962			0.88	2.74	1.99	10.26	1.42	7.04	1.73	9.98	0.31	0	1.11	2.99
ILMN_1838691			1.37	9.6	1.45	10.46	0.96	5.11	1.14	6.97	0.18	0	0.08	0.01
ILMN_1871457			0.93	5.52	1.38	10.04	1.19	11.62	1.32	13.77	0.13	0	0.45	0.62
ILMN_1867188			0.67	4.48	1.04	9.01	0.97	8.98	1.11	11.4	0.15	0	0.37	0.63
ILMN_1891845			0.82	4.17	1.04	6.21	1.11	5.99	1.11	5.98	0	0	0.22	0.07
ILMN_1838767			1.68	10.98	1.7	11.27	1.96	25.06	1.88	23.52	-0.08	0	0.02	0
ILMN_1881081			1.03	3.74	1.53	7.13	1.51	8.59	1.29	6.42	-0.22	0	0.49	0.26
ILMN_1860963			1.62	12.48	2.17	17.36	1.4	14.36	1.64	18.52	0.24	0	0.55	1.17
ILMN_1720710	HSPB3	NM_006308.1	2.22	22.23	1.74	18	1.91	23.63	2.24	29.25	0.33	0	-0.48	1.71
ILMN_1801246	IFITM1	NM_003641.3	1.58	11.3	1.46	10.22	1.16	12.86	1.14	12.55	-0.02	0	-0.12	0.02
ILMN_1724181	IL15	NM_000585.2	1.29	8.87	1.22	8.24	1.57	13.3	1.48	12.01	-0.09	0	-0.07	0.01
ILMN_2369221	IL15	NM_172174.1	1.01	3.6	0.8	2.33	1.03	8.72	1.12	10.12	0.1	0	-0.21	0.03
ILMN_1700817	KIAA0774	NM_001033602.2	1.54	10.8	1.43	9.92	1.56	13.18	1.6	13.78	0.04	0	-0.1	0.01
ILMN_1677347	KIAA0774	NM_015233.5	1.72	11.34	1.87	12.76	1.71	12.4	1.73	12.48	0.01	0	0.15	0.03
ILMN_1735014	KLF6	NM_001300.4	0.36	0.85	1.24	7.92	0.77	5.59	1.05	9.81	0.28	0	0.88	3.38
ILMN_1688205	KLK10	NM_002776.4	1.14	7.81	1.01	6.49	1.03	12	0.93	9.95	-0.1	0	-0.14	0.03
ILMN_1695924	KLK11	NM_144947.1	1.58	15.49	1.46	14.33	1.4	18.93	1.45	19.81	0.05	0	-0.12	0.03
ILMN_1745570	KLK7	NM_005046.2	1.9	16.22	1.79	15.35	1.56	17.98	1.67	19.91	0.11	0	-0.11	0.02
ILMN_1735700	KLK8	NM_007196.2	1.25	7.78	1.07	6.2	1.06	10.79	0.97	9.23	-0.09	0	-0.18	0.04
ILMN_1716093	KRT10	NM_000421.2	2.06	17.43	2.02	17.32	1.73	21.42	1.79	22.54	0.06	0	-0.04	0
ILMN_1721218	KRT13	NM_002274.3	1.85	17.21	1.83	17.25	1.57	18.73	1.52	17.61	-0.06	0	-0.02	0
ILMN_1770612	KRT15	NM_002275.2	1.92	13.48	1.94	13.78	1.74	24.21	1.72	23.83	-0.01	0	0.02	0
ILMN_1695621	KRT3	NM_057088.2	1.37	10.18	1.07	7.26	1.15	12.7	1.07	11.11	-0.09	0	-0.3	0.17
ILMN_1721354	KRT6B	NM_005555.3	1.21	8.28	1.21	8.35	1.1	9.37	1.29	12.28	0.19	0	0	0
ILMN_1752968	LAMB2	NM_002292.3	0.95	2.48	1.11	3.32	1.22	8.2	1.05	6.24	-0.17	0	0.16	0.01
ILMN_1785444	LEMD1	NM_001001552.3	1.78	14.03	1.64	12.82	1.56	12.61	1.35	9.85	-0.21	0	-0.14	0.03
ILMN_1661708	LGALS7	NM_002307.1	1.54	12.99	1.08	8.16	1.31	12.43	1.31	12.43	0	0	-0.46	0.89

ILMN_1660624	LIMK2	NM_001031801.1	1.13	6.98	0.71	3.18	0.97	5.77	1.02	6.37	0.05	0	-0.43	0.42
ILMN_2235851	LINCR	NM_001080535.1	1.33	9.54	1.25	8.82	0.92	6.16	1.02	7.35	0.09	0	-0.08	0.01
ILMN_1662917	LMO1	NM_002315.1	1.16	7.99	0.75	4	0.79	2.29	1.06	4.18	0.27	0	-0.41	0.46
ILMN_2170625	LOC389286	NM_001018022.1	1.58	6.94	1.52	6.58	1.07	2.12	0.85	1.3	-0.22	0	-0.06	0
ILMN_1661743	LOC644760	XM_932354.1	1.49	7.46	1.5	7.58	1.33	6.26	1.26	5.64	-0.07	0	0.01	0
ILMN_1661078	LOC644844	XM_927939.2	2.19	11.11	1.87	9.12	1.55	12.76	1.31	9.55	-0.24	0	-0.31	0.07
ILMN_1676712	LOC645553	XM_932965.2	1.68	9.34	1.65	9.23	1.53	6.34	1.59	6.81	0.06	0	-0.03	0
ILMN_1674740	LOC651876	XM_944986.1	1.02	3.47	0.82	2.32	1.04	4.93	0.92	3.85	-0.12	0	-0.2	0.03
ILMN_1658569	LOC728910	XM_001128786.1	1.55	9.05	1.23	6.5	1.14	10.23	1.03	8.53	-0.11	0	-0.32	0.11
ILMN_1704014	LOC730256	XM_001134398.1	1.14	6.45	0.7	2.8	1.06	8.71	0.97	7.43	-0.09	0	-0.44	0.39
ILMN_1719543	MAF	NM_005360.3	2.01	14.81	1.73	12.63	1.54	10.09	1.49	9.55	-0.04	0	-0.27	0.11
ILMN_1730202	MAGEF1	NM_022149.4	1.06	6.06	0.86	4.31	1.23	14.04	1.02	10.17	-0.21	0	-0.2	0.05
ILMN_2320330	MAL	NM_002371.2	2.59	10.1	2.45	9.47	2.57	16.09	2.55	15.88	-0.02	0	-0.14	0.01
ILMN_1656285	METTL7A	NM_014033.3	1.15	3.14	1.46	4.82	1.89	14.4	1.92	14.84	0.04	0	0.32	0.05
ILMN_1814106	MGC59937	NM_199001.1	1.14	11.75	0.41	2.3	1.17	14.92	0.91	9.76	-0.26	0	-0.73	4.96
ILMN_2259633	MLL5	NM_182931.2	1.06	6.42	0.89	4.87	1.01	6.92	0.83	4.78	-0.18	0	-0.17	0.04
ILMN_2073758	MMP12	NM_002426.2	2.27	8.55	2.28	8.67	2.19	8.93	2.11	8.33	-0.08	0	0.01	0
ILMN_1768035	MMP12	NM_002426.2	1.5	2.66	1.67	3.24	1.55	4.65	1.37	3.63	-0.18	0	0.17	0.01
ILMN_1775016	MPZL2	NM_144765.1	0.76	4.31	1.07	7.48	1.03	11.76	0.87	8.7	-0.16	0	0.31	0.21
ILMN_1707464	MST1	NM_020998.2	1.04	5.99	1.25	8.03	1.24	10.24	1.31	11.25	0.07	0	0.21	0.06
ILMN_2125346	MUC16	NM_024690.2	2.14	13.81	2.01	12.94	2.09	17.96	2.23	19.81	0.14	0	-0.13	0.02
ILMN_1796642	NCF2	NM_000433.2	0.79	2.89	1.12	5.31	1.29	7.23	1.25	6.84	-0.04	0	0.33	0.11
ILMN_2305225	NDRG4	NM_022910.1	3.1	13.11	2.69	11.05	2.63	13.25	2.42	11.51	-0.21	0	-0.41	0.08
ILMN_1718990	NFRKB	NM_006165.2	0.69	4.63	1.32	12.1	0.74	3.68	1.1	7.78	0.36	0	0.63	2.74
ILMN_1807211	NICN1	NM_032316.3	1	8.69	1.2	11.22	1.06	16.24	1.14	18.19	0.08	0	0.2	0.1
ILMN_2162253	NMU	NM_006681.1	1.09	10.8	1.22	12.6	0.99	9.23	1.06	10.41	0.07	0	0.13	0.04
ILMN_1729161	NOTCH1	NM_017617.3	1.08	7.29	0.53	2.14	1.07	12.26	0.8	7.29	-0.27	0	-0.55	1.25
ILMN_1658926	NOTCH3	NM_000435.1	1.08	4.85	0.94	3.8	1.16	8.37	1.03	6.74	-0.13	0	-0.15	0.02
ILMN_1799589	NOXA1	NM_006647.1	1.42	7.82	1.29	6.86	1.26	12.73	1.27	12.9	0.01	0	-0.13	0.02
ILMN_1742151	NRG2	NM_013985.1	0.93	4.33	1.3	7.49	1.28	7.28	1.27	7.16	-0.01	0	0.37	0.2
ILMN_1804662	NRG4	NM_138573.2	0.92	4.89	1.19	7.46	0.7	3.99	1.05	8.34	0.34	0	0.27	0.11
ILMN_1689318	NUAK1	NM_014840.2	1.3	9.31	0.88	5.19	1.16	9.18	1.42	12.98	0.26	0	-0.42	0.49
ILMN_2404688	NUPR1	NM_001042483.1	1.49	9.05	1.03	5.21	1.14	6.74	1.12	6.44	-0.03	0	-0.46	0.39
ILMN_2410826	OAS1	NM_001032409.1	1.19	5.33	1.48	7.5	0.97	6.25	1.03	6.96	0.06	0	0.28	0.07
ILMN_2116877	OLFM4	NM_006418.3	2.38	13.22	2.33	13.01	2.85	21.44	2.73	20	-0.12	0	-0.05	0
ILMN_1812031	PALM	NM_002579.2	1.5	8.01	0.77	2.62	1.23	9.43	1.29	10.21	0.06	0	-0.73	1.33
ILMN_1710495	PAPLN	NM_173462.3	1.17	7.35	0.75	3.58	1.44	12.54	1.45	12.6	0.01	0	-0.42	0.4
ILMN_1768004	PDCD4	NM_145341.2	1	4.37	1.48	8.18	1.38	7.4	1.49	8.46	0.11	0	0.48	0.35
ILMN_1693192	PI3	NM_002638.2	1.53	7.7	1.54	7.84	1.34	7.65	1.26	6.8	-0.08	0	0.01	0
ILMN_2383383	PIR	NM_001018109.1	1.19	9.82	1.42	12.48	1.33	19.75	1.37	20.53	0.04	0	0.23	0.11
ILMN_1762561	PLA2G10	NM_003561.1	3.33	15.16	2.89	13.04	2.79	17.16	2.9	18.17	0.11	0	-0.44	0.1
ILMN_1653026	PLAC8	NM_016619.1	0.93	6.69	1.08	8.4	1.03	7.85	1.04	7.91	0.01	0	0.15	0.04
ILMN_1797557	PLEKHA6	NM_014935.2	1.19	8.15	1.07	6.98	0.99	6.33	1.16	8.44	0.17	0	-0.12	0.02
ILMN_1675656	PPFIBP2	NM_003621.1	1.15	7.43	1.76	13.39	1.38	13.65	1.45	14.87	0.07	0	0.62	1.53
ILMN_1801105	PRKCD	NM_006254.3	1.6	10.51	0.74	3.12	1.28	10.59	1.03	7.17	-0.25	0	-0.86	2.9
ILMN_1671365	PRODH	NM_016335.2	1.73	7.66	1.91	8.95	1.22	7.6	1.35	9.05	0.13	0	0.19	0.02
ILMN_1761946	PROM2	NM_144707.1	1.24	11.88	1.24	12.1	1.29	18.73	1.15	15.49	-0.14	0	0.01	0
ILMN_2064150	PRRG2	NM_000951.1	1.42	10.69	1.52	11.87	1.07	9.74	0.99	8.5	-0.08	0	0.11	0.02
ILMN_1790317	RAB26	NM_014353.4	1.55	8.94	1.36	7.48	1.44	7.21	1.4	6.78	-0.04	0	-0.19	0.03
ILMN_2230566	RAB40B	NM_006822.1	0.99	6.19	1.19	8.31	1.21	11.44	1.36	13.76	0.15	0	0.21	0.06
ILMN_1659836	RAET1G	NM_001001788.2	0.95	4.57	1.17	6.5	1.12	7.99	0.96	5.95	-0.17	0	0.22	0.05
ILMN_1766085	REL	NM_002908.2	1.05	4.91	0.62	1.87	1.23	6.37	1.11	5.25	-0.12	0	-0.44	0.27
ILMN_1722834	RGS12	NM_002926.3	1.34	10.24	0.83	5.03	0.91	8.71	1.09	11.99	0.19	0	-0.51	1.08
ILMN_1680018	RIPK4	NM_020639.2	0.91	3.56	1.76	10.08	1.97	17.38	1.86	15.78	-0.11	0	0.85	2.01
ILMN_1730223	RNF39	NM_170769.1	0.68	3.24	1.18	8.07	1.18	8.93	1.04	7.06	-0.14	0	0.5	0.88
ILMN_2298818	RPS29	NM_001030001.1	1.51	9.08	1.54	9.44	1.2	9.73	1.25	10.38	0.05	0	0.03	0
ILMN_1753439	RPTN	XM_937200.2	1.31	9.91	1.13	8.04	1.79	12.69	1.78	12.6	0	0	-0.19	0.06
ILMN_1688780	S100A4	NM_019554.2	2.25	14.26	2.13	13.51	2.17	12.48	2.05	11.25	-0.12	0	-0.12	0.01
ILMN_1684306	S100A4	NM_019554.2	1.9	13.43	1.9	13.5	1.89	11.37	1.81	10.47	-0.08	0	-0.01	0
ILMN_1729801	S100A8	NM_002964.3	1.07	7.43	1.16	8.36	1.21	8.37	1.02	6.13	-0.19	0	0.08	0.01
ILMN_1655347	SCGB1A1	NM_003357.3	3.56	19.9	3.48	19.8	3.38	26.53	3.27	25.32	-0.11	0	-0.09	0.01
ILMN_1713995	SCNN1A	NM_001038.4	1.81	13.96	1.93	15.11	1.75	17.62	1.88	19.64	0.13	0	0.12	0.02
ILMN_1767470	SCPEP1	NM_021626.1	1.38	9.35	1.39	9.61	1.07	7.71	1.21	9.57	0.14	0	0.02	0

ILMN_2376822	SDCBP2	NM_015685.3	1.49	12.48	1.28	10.35	1.45	8.55	1.24	6.42	-0.21	0	-0.21	0.08
ILMN_1700310	SDCBP2	NM_080489.3	2	14.13	1.84	12.85	1.84	11.79	1.56	8.8	-0.28	0	-0.17	0.03
ILMN_1814494	SEMA6D	NM_153619.1	0.73	1.67	2.03	9.62	2.17	12.53	2.32	13.96	0.15	0	1.3	3.65
ILMN_1703855	SERPINB3	NM_006919.1	1.83	11.04	1.88	11.54	1.87	12.49	2	13.93	0.13	0	0.05	0
ILMN_1782716	SERPINB4	NM_002974.2	1.28	4.2	1.54	5.77	1.13	5.15	1.29	6.53	0.16	0	0.26	0.03
ILMN_1755649	SLC16A5	NM_004695.2	1.29	12	1.11	10	1.07	16.58	1.07	16.66	0	0	-0.17	0.07
ILMN_1810025	SLC39A2	NM_014579.1	2.86	14.32	2.63	13.17	2.29	19.65	2.29	19.59	0	0	-0.23	0.03
ILMN_2114720	SLPI	NM_003064.2	2.3	8.68	2.43	9.43	2.03	9.65	2.22	11.2	0.19	0	0.13	0.01
ILMN_1716591	SPRR1A	NM_005987.2	2.01	10.65	2.11	11.47	1.91	20.69	1.73	17.72	-0.18	0	0.1	0.01
ILMN_1657451	SRPK2	NM_182691.1	0.8	2.34	1.27	5.36	1.06	5.72	0.78	3.18	-0.27	0	0.47	0.23
ILMN_1660451	STARD13	NM_178008.1	0.33	0.47	1.48	7.24	1.45	9.49	1.77	13.31	0.32	0	1.15	3.59
ILMN_1668592	STON1	NM_006873.2	1.02	3.06	1.44	5.56	1.05	4.79	1.07	4.92	0.02	0	0.42	0.12
ILMN_1775587	STX19	NM_001001850.1	0.74	3.25	1.38	8.93	0.67	2.94	1.03	6.67	0.35	0	0.64	1.4
ILMN_1726928	TCEA3	NM_003196.1	1.62	14.96	1.77	16.63	1.52	18.57	1.55	19.11	0.03	0	0.15	0.04
ILMN_1721134	TGM1	NM_000359.2	1.16	5.08	0.98	3.82	1.39	12.56	1.47	13.81	0.08	0	-0.18	0.03
ILMN_1659610	TJP3	NM_014428.1	2.43	11.75	2.47	12.12	2.08	11.47	2.12	11.79	0.04	0	0.04	0
ILMN_1670672	TMEM37	NM_183240.2	1.25	6.24	1.17	5.67	0.87	4.26	1.06	6.13	0.19	0	-0.08	0.01
ILMN_1771120	TMEM45B	NM_138788.3	1.01	6.29	1.51	11.23	1.59	11.23	1.55	10.69	-0.04	0	0.5	0.82
ILMN_2090802	TMEM79	NM_032323.1	1.62	10.07	1.53	9.42	1.36	14.96	1.31	13.96	-0.05	0	-0.09	0.01
ILMN_1727689	TNFAIP2	NM_006291.2	1.68	6.47	1.65	6.38	1.63	11.22	1.24	6.9	-0.39	0	-0.03	0
ILMN_1676663	TNFRSF11B	NM_002546.3	1.1	3.94	1.32	5.36	1.52	14.12	1.47	13.4	-0.05	0	0.22	0.03
ILMN_1697409	TNFRSF14	NM_003820.2	1.24	6.93	1.3	7.43	1.29	11.79	1.18	10.12	-0.1	0	0.05	0
ILMN_1801307	TNFSF10	NM_003810.2	2.51	12.63	2.87	14.92	2.72	11.98	2.81	12.57	0.09	0	0.36	0.09
ILMN_2214197	TP53INP1	NM_033285.2	0.52	0.75	1.09	3.09	0.87	2.06	1.15	3.59	0.27	0	0.57	0.24
ILMN_1748685	TRIM31	NM_007028.3	2.11	9.83	2.88	14.63	2.64	18	2.68	18.45	0.05	0	0.77	0.86
ILMN_1794612	UBA7	NM_003335.2	1.4	7.95	1.26	6.85	1.14	9.76	1.16	9.97	0.02	0	-0.14	0.02
ILMN_1715647	VANGL2	NM_020335.1	0.83	4.91	1.51	11.86	1.04	7.79	1.19	9.85	0.15	0	0.67	2.26
ILMN_1676413	VSNL1	NM_003385.4	0.98	6.99	1.13	8.74	1.08	12.3	1.05	11.74	-0.03	0	0.15	0.04
ILMN_1753101	VTCN1	NM_024626.2	2.59	17.69	2.54	17.56	1.94	18.88	1.82	17.02	-0.12	0	-0.05	0
ILMN_1752755	VWF	NM_000552.3	3.11	16.76	3.18	17.28	2.39	17.83	2.37	17.54	-0.02	0	0.07	0
ILMN_1740415	WFDC3	NM_080614.1	1.83	9.33	1.85	9.54	1.52	8.22	1.45	7.46	-0.08	0	0.02	0
ILMN_2308903	WFDC3	NM_181522.1	2.33	12.54	2.63	14.58	2.43	13.9	2.34	12.98	-0.1	0	0.3	0.07
ILMN_1791147	YPEL3	NM_031477.4	1.62	8.11	1.5	7.31	1.62	9.54	1.51	8.31	-0.12	0	-0.12	0.01
ILMN_1698189	AASDHPPT	NM_015423.2	-1.26	6.38	-1.11	5.25	-1.34	12.32	-1.12	9.1	0.21	0	0.15	0.02
ILMN_1674032	ABCD3	NM_002858.2	-0.92	5.78	-1.02	6.86	-1.03	7.89	-1.06	8.33	-0.03	0	-0.1	0.02
ILMN_1778104	ACADM	NM_000016.2	-1.07	3.59	-0.91	2.7	-1.1	6.71	-1.15	7.19	-0.04	0	0.15	0.02
ILMN_1771411	ALG6	NM_013339.2	-1.28	10.31	-0.97	7.04	-1.11	9.96	-0.78	5.22	0.33	0	0.31	0.23
ILMN_1788462	AMD1	NM_001033059.1	-0.98	5.31	-1.5	10.02	-0.9	3.71	-1.35	7.95	-0.45	0	-0.51	0.71
ILMN_1726327	AMY1B	NM_001008218.1	-1.54	7.93	-1.77	9.75	-1.65	16.21	-1.48	13.44	0.17	0	-0.23	0.04
ILMN_1739645	ANLN	NM_018685.2	-1.33	4.2	-0.93	2.19	-1.34	7.34	-1.23	6.31	0.1	0	0.4	0.08
ILMN_1766411	AP1S2	NM_003916.3	-1.04	6.56	-0.92	5.42	-0.91	8.06	-1.03	9.97	-0.12	0	0.12	0.02
ILMN_1815051	API5	NM_006595.2	-1.11	4.8	-0.92	3.48	-1.18	7.53	-1.09	6.44	0.1	0	0.19	0.03
ILMN_1753500	ARHGAP12	NM_018287.5	-1.03	2.59	-0.87	1.9	-1.03	4.4	-0.99	4.05	0.04	0	0.15	0.01
ILMN_2120022	ARL5B	NM_178815.3	-1.07	5.33	-1.14	5.99	-1.07	7.94	-0.94	6.23	0.13	0	-0.07	0.01
ILMN_2184064	ARRDC4	NM_183376.1	-1.53	8.98	-0.66	2.22	-1.11	7.44	-0.83	4.29	0.28	0	0.87	2.49
ILMN_1660544	ARRDC4	NM_183376.1	-1.36	6.72	-0.37	0.62	-1.62	11.12	-1.42	8.87	0.19	0	0.99	2.84
ILMN_1791647	ASIP	NM_001672.2	-1.65	12.22	-1.44	10.3	-1.13	7.03	-1.19	7.7	-0.06	0	0.21	0.06
ILMN_2374865	ATF3	NM_001040619.1	-1.01	2.69	-1.78	7.04	-1.71	12.7	-1.17	6.51	0.54	0	-0.77	0.66
ILMN_1651826	BASP1	NM_006317.3	-1.09	4.91	-1.26	6.26	-1.05	7.34	-0.86	5.13	0.18	0	-0.17	0.03
ILMN_1742230	BAZ1A	NM_182648.1	-0.68	3.35	-1.07	7.08	-0.96	8.34	-1.19	11.95	-0.22	0	-0.39	0.37
ILMN_1766169	BCAT1	NM_005504.4	-1.48	6.66	-1.07	3.95	-1.18	4.53	-1.06	3.69	0.12	0	0.41	0.14
ILMN_2357272	BCLAF1	NM_014739.2	-1.2	6.07	-1.23	6.31	-1.21	5.58	-1.05	4.18	0.17	0	-0.02	0
ILMN_1668924	BEGAIN	NM_020836.2	-1.38	8.3	-1.53	9.69	-1.19	10.21	-1.17	9.78	0.03	0	-0.15	0.02
ILMN_1775943	BRMS1L	NM_032352.3	-1.22	6.03	-1.26	6.44	-1.23	11.47	-1.04	8.46	0.19	0	-0.04	0
ILMN_1790100	C11orf82	NM_145018.2	-1.42	5.35	-1.27	4.5	-1.61	11.49	-1.76	13.15	-0.14	0	0.15	0.01
ILMN_1712748	C14orf129	NM_016472.3	-1.07	3.51	-0.99	3.07	-1.74	14.64	-1.75	14.73	-0.01	0	0.08	0.01
ILMN_1773407	C16orf72	NM_014117.2	-1.02	3.88	-0.55	1.21	-1.51	12.88	-1.36	10.66	0.16	0	0.47	0.24
ILMN_1662184	C5orf34	NM_198566.1	-1.26	10.72	-0.88	6.5	-1.37	16.86	-1	9.98	0.36	0	0.38	0.54
ILMN_1730487	CALD1	NM_033140.2	-1	4.75	-1.01	4.86	-1.43	14.82	-1.25	11.88	0.17	0	-0.01	0
ILMN_1766408	CBFB	NM_001755.2	-0.94	3.48	-1.39	6.69	-0.92	5.87	-1.09	7.9	-0.16	0	-0.45	0.22
ILMN_1781077	CCDC100	NM_153223.2	-1.26	3.73	-0.54	0.75	-1.34	9.04	-1.11	6.34	0.24	0	0.72	0.46
ILMN_1809889	CCDC117	NM_173510.1	-1.52	7.13	-1.28	5.5	-1.58	11.05	-1.72	12.71	-0.14	0	0.24	0.04
ILMN_1803590	CCDC131	NM_144982.4	-1.06	3.07	-0.72	1.47	-1.5	9.37	-1.31	7.33	0.19	0	0.34	0.07

ILMN_1677239	CCDC14	NM_022757.3	-1.04	8.5	-0.99	7.86	-1.05	11.14	-1.01	10.36	0.04	0	0.06	0.01
ILMN_1686920	CCDC58	NM_001017928.2	-1.54	3.96	-0.73	0.97	-1.87	13.56	-1.72	11.72	0.15	0	0.8	0.39
ILMN_1786125	CCNA2	NM_001237.2	-1.08	6.23	-0.85	4.21	-0.89	6.05	-1.04	8.04	-0.15	0	0.23	0.07
ILMN_2366212	CD79B	NM_001039933.1	-1.31	6.7	-1.41	7.62	-1.4	11.79	-1.39	11.51	0.02	0	-0.11	0.01
ILMN_1779228	CDH2	NM_001792.2	-1.26	7.27	-1.36	8.16	-1.09	8.11	-1.14	8.68	-0.04	0	-0.1	0.01
ILMN_1730928	CDK5R1	NM_003885.2	-0.71	2.83	-1.37	8.41	-1.42	15.77	-1.52	17.61	-0.1	0	-0.66	1.39
ILMN_1722811	CDKN1B	NM_004064.2	-1.08	2.87	-0.3	0.28	-1.32	4.45	-1.27	4.15	0.04	0	0.77	0.63
ILMN_1670769	CENPQ	NM_018132.3	-1.64	7.54	-1.67	7.79	-1.05	4.36	-1.17	5.33	-0.12	0	-0.03	0
ILMN_1747016	CEP55	NM_018131.3	-1.24	7.28	-0.88	4.16	-0.96	4.78	-1.09	6.05	-0.13	0	0.37	0.21
ILMN_1676588	CEPT1	NM_001007794.1	-1.1	2.04	-0.64	0.72	-1.8	10.72	-1.77	10.33	0.03	0	0.46	0.07
ILMN_2356838	CEPT1	NM_006090.3	-1.15	3.29	-0.82	1.74	-1.48	8.73	-1.53	9.29	-0.06	0	0.33	0.05
ILMN_2224031	CETN3	NM_004365.2	-1.66	5.67	-0.96	2.15	-1.72	11.87	-1.52	9.56	0.2	0	0.7	0.4
ILMN_1715886	CNOT7	NM_013354.5	-1.21	4.26	-0.97	2.91	-1.45	6.85	-1.46	6.98	-0.02	0	0.23	0.03
ILMN_1652024	CSNK1G3	NM_001031812.2	-1.36	5.47	-1.1	3.85	-1.53	9.71	-1.39	8.14	0.14	0	0.26	0.04
ILMN_2332267	CSNK1G3	NM_001044722.1	-1.17	2.76	-0.85	1.48	-1.41	9.83	-1.21	7.45	0.2	0	0.32	0.04
ILMN_1665655	CTDSPL2	NM_016396.1	-1.15	3.46	-0.96	2.45	-1.15	5.47	-1.11	5.07	0.04	0	0.2	0.02
ILMN_2077758	CTDSPL2	NM_016396.2	-1.41	3.41	-0.98	1.73	-1.01	3.78	-0.87	2.79	0.14	0	0.43	0.07
ILMN_2136446	CTNNAL1	NM_003798.1	-1.51	5.8	-1.22	4.07	-1.24	7.62	-1.39	9.28	-0.15	0	0.29	0.05
ILMN_1691535	CUL4B	NM_001079872.1	-1.02	2.34	-0.49	0.58	-1.3	7.73	-1.04	5.07	0.26	0	0.53	0.16
ILMN_1735499	DCBLD2	NM_080927.3	-1.19	2.11	-0.95	1.37	-2.11	11.38	-2.01	10.39	0.1	0	0.24	0.02
ILMN_1801403	DCUN1D4	NM_015115.1	-0.98	4.75	-1.02	5.12	-1.18	10.62	-1.1	9.43	0.07	0	-0.04	0
ILMN_1735461	DDX21	NM_004728.2	-1.64	4.29	-1.22	2.51	-1.59	7.73	-1.43	6.34	0.16	0	0.42	0.06
ILMN_1794392	DDX3X	NM_001356.3	-1.17	3.73	-1.19	3.84	-1.89	11.4	-1.85	10.95	0.04	0	-0.02	0
ILMN_1802819	DEPDC1	NM_017779.3	-1.79	11.83	-1.84	12.41	-1.63	11.62	-1.56	10.64	0.07	0	-0.06	0
ILMN_1750075	DMTF1	NM_021145.2	-1.14	3.45	-0.99	2.67	-1.48	12.88	-1.31	10.45	0.17	0	0.15	0.01
ILMN_1773742	DNAJB9	NM_012328.1	-1.03	5.83	-1.48	10.04	-0.88	6.77	-1.23	12.05	-0.35	0	-0.45	0.47
ILMN_2112915	DRD4	NM_000797.2	-1.03	4.05	-0.61	1.53	-1.06	10.13	-0.82	6.4	0.24	0	0.42	0.19
ILMN_1681890	DYNLT3	NM_006520.1	-0.72	2.88	-1.08	5.89	-1.01	9.77	-0.98	9.25	0.03	0	-0.37	0.21
ILMN_1669502	E2F3	NM_001949.2	-0.84	4.96	-1.5	11.77	-0.9	6.79	-1.42	15.01	-0.52	0	-0.66	2.14
ILMN_1798210	E2F7	NM_203394.2	-1.4	6.43	-1.82	9.57	-1.5	10.55	-1.81	14.43	-0.31	0	-0.42	0.18
ILMN_1815345	EIF3J	NM_003758.2	-1.28	4.56	-1.31	4.81	-1.09	5.81	-0.94	4.38	0.15	0	-0.03	0
ILMN_1761519	EIF4G2	NM_001418.3	-1.15	8.63	-0.96	6.67	-1.31	10.09	-1.21	8.66	0.11	0	0.19	0.06
ILMN_1735151	EIF5A2	NM_020390.5	-0.89	5.39	-1.34	9.96	-0.89	8.22	-1.23	14.3	-0.34	0	-0.45	0.63
ILMN_1739222	ETV5	NM_004454.1	-1.38	5.43	-1.71	7.66	-1.05	4.16	-1.36	6.71	-0.3	0	-0.33	0.07
ILMN_1712066	EXPH5	NM_015065.1	-1.82	10.98	-1.53	8.74	-1.44	5.37	-1.34	4.68	0.1	0	0.29	0.09
ILMN_1762622	FAM111B	NM_198947.1	-0.91	4.88	-1.08	6.47	-0.66	3.33	-1.05	8.03	-0.39	0	-0.17	0.03
ILMN_2187533	FAM130A1	NM_030809.1	-1.32	11.59	-1.16	9.83	-1.01	10.84	-1.04	11.37	-0.03	0	0.16	0.05
ILMN_1776905	FAM23B	NM_001013629.1	-1.07	7.71	-1.11	8.12	-1.16	10.3	-1.14	10	0.02	0	-0.03	0
ILMN_1777322	FAM91A1	NM_144963.2	-0.88	6.29	-1.04	8.25	-0.9	9.26	-1.05	11.88	-0.14	0	-0.17	0.05
ILMN_1814573	FLJ11171	NM_018348.5	-1.19	6.17	-1.03	4.91	-1.25	9.87	-1.46	12.9	-0.22	0	0.16	0.03
ILMN_1669523	FOS	NM_005252.2	-0.33	0.57	-1.5	8.72	-1.04	9.16	-1.19	11.45	-0.15	0	-1.17	4.68
ILMN_1804351	FZD7	NM_003507.1	-0.85	3.5	-1.07	5.17	-1.54	13.73	-1.65	15.42	-0.11	0	-0.22	0.04
ILMN_2381753	G3BP2	NM_203504.1	-1.34	7.34	-1.38	7.71	-1.48	11.88	-1.41	10.97	0.06	0	-0.04	0
ILMN_2381758	G3BP2	NM_203504.1	-1.5	2.98	-1.07	1.58	-1.84	9.74	-1.77	9.1	0.07	0	0.42	0.05
ILMN_1720422	G3BP2	NM_203504.1	-1.25	3.92	-0.95	2.41	-1.4	7.38	-1.43	7.57	-0.02	0	0.29	0.04
ILMN_1758906	GNAI3	NM_006572.3	-1.01	4.37	-0.97	4.08	-1.46	12.62	-1.42	12.06	0.04	0	0.04	0
ILMN_1659923	GNAQ	NM_002072.2	-1.01	2.24	-0.76	1.29	-1.53	11.39	-1.39	9.56	0.14	0	0.25	0.03
ILMN_1758213	GPAM	NM_020918.3	-1.27	7.55	-0.95	4.85	-1.75	22.88	-1.43	16.67	0.32	0	0.31	0.13
ILMN_1721138	GRPEL2	NM_152407.3	-1.01	7.3	-0.94	6.59	-1.38	20.17	-1.28	17.95	0.1	0	0.07	0.01
ILMN_2121408	HBEGF	NM_001945.1	-0.19	0.2	-2.37	13.9	-0.4	0.92	-1.16	7.87	-0.77	0.78	-2.18	11
ILMN_1681283	HIF1A	NM_001530.2	-1.13	4.65	-0.86	2.83	-1.11	6.93	-1	5.78	0.1	0	0.28	0.06
ILMN_1763260	HIF1A	NM_001530.2	-1.05	2.39	-0.93	1.92	-1.17	6.57	-1.26	7.54	-0.09	0	0.11	0.01
ILMN_1692831	HIST1H1A	NM_005325.2	-1.01	6.45	-1.22	8.58	-1.56	13.91	-1.62	14.73	-0.05	0	-0.21	0.06
ILMN_1781942	HMMR	NM_012485.1	-1.27	9.9	-0.81	5.09	-1.4	10.6	-1.27	8.98	0.12	0	0.46	0.83
ILMN_2351466	HNT	NM_001048209.1	-1.18	6.8	-1.01	5.32	-1	5.05	-1	5.11	-0.01	0	0.18	0.03
ILMN_1859946			-1.11	9.38	-0.97	7.86	-1.06	8.22	-1.1	8.74	-0.04	0	0.13	0.03
ILMN_1889752			-1.08	5.22	-1.23	6.56	-1.33	9.16	-1.25	8.13	0.08	0	-0.16	0.02
ILMN_1827840			-1.17	4.37	-0.58	1.16	-1.31	7.87	-1.24	7.06	0.07	0	0.59	0.43
ILMN_1882093			-1.07	5.47	-0.72	2.75	-1.21	11.78	-0.98	8.12	0.23	0	0.35	0.17
ILMN_1816174			-1.03	5.11	-0.88	3.9	-1.01	8.22	-0.75	4.69	0.26	0	0.15	0.02
ILMN_1816342			-1.44	4.21	-1.1	2.59	-1.24	5.15	-1.45	6.92	-0.21	0	0.34	0.05
ILMN_1910893			-1.29	7.09	-0.97	4.51	-1.47	12.82	-1.36	11.17	0.11	0	0.32	0.12
ILMN_1885165			-1.08	2.06	-0.67	0.82	-1.71	9.09	-1.67	8.68	0.04	0	0.4	0.06

ILMN_1712475	HS3ST2	NM_006043.1	-1.14	9.03	-2.49	21.75	-1.56	17.38	-1.52	16.67	0.04	0	-1.35	9.87
ILMN_1691097	HSP90AA1	NM_001017963.2	-1.1	2.45	-0.8	1.32	-1.4	6.84	-1.37	6.57	0.03	0	0.3	0.03
ILMN_1766713	HSPD1	NM_002156.4	-1.39	9.48	-1.06	6.46	-1.18	11.79	-1.22	12.4	-0.04	0	0.33	0.19
ILMN_1803775	HSPE1	NM_002157.1	-1.24	2.96	-0.47	0.47	-1.22	6.94	-1.11	5.73	0.12	0	0.77	0.4
ILMN_1712888	HSPH1	NM_006644.2	-1.4	11.94	-1.38	11.94	-1.08	8.98	-1.23	11.13	-0.15	0	0.01	0
ILMN_2169439	ITGAV	NM_002210.2	-1.81	5.87	-2.01	6.95	-1.92	7.82	-1.82	7.08	0.1	0	-0.2	0.02
ILMN_2397750	IVNS1ABP	NM_006469.4	0.02	0.01	-1.04	2.23	-1.08	5.41	-1.21	6.7	-0.13	0	-1.06	1.26
ILMN_1806023	JUN	NM_002228.3	0.23	0.31	-2.23	14.26	-2.08	18.19	-1.22	7.31	0.86	0.96	-2.46	14.37
ILMN_1716272	KBTBD8	NM_032505.1	-1.36	10.15	-1.25	9.13	-0.98	6.8	-1.02	7.29	-0.04	0	0.11	0.02
ILMN_1745813	KIAA1279	NM_015634.2	-1.09	6.18	-1.14	6.72	-1.25	13.81	-1.3	14.73	-0.05	0	-0.05	0
ILMN_2137789	KLF4	NM_004235.3	-1.44	8.85	-2.59	17.87	-1.39	12.9	-1.54	15.13	-0.14	0	-1.14	4.96
ILMN_1693401	KLHL28	NM_017658.3	-1.11	2.94	-0.86	1.79	-1.29	8.45	-1.28	8.31	0.01	0	0.25	0.03
ILMN_1760792	KLHL7	NM_018846.2	-1.12	4.61	-0.97	3.62	-1.1	8.69	-0.95	6.54	0.16	0	0.15	0.02
ILMN_1708427	KPNA3	NM_002267.2	-1.39	4.35	-1.45	4.66	-1.39	7.32	-1.38	7.24	0.01	0	-0.05	0
ILMN_1689817	LCOR	NM_032440.2	-1.54	7.11	-1.48	6.76	-1.6	9.38	-1.46	7.87	0.15	0	0.06	0
ILMN_1727361	LEMD3	NM_014319.3	-0.84	3.78	-1.51	9.54	-1.46	12.85	-1.26	10.06	0.19	0	-0.67	1.41
ILMN_1704369	LIMA1	NM_016357.3	-1.22	7.3	-0.95	4.92	-1.25	7.17	-1.07	5.33	0.18	0	0.27	0.1
ILMN_1658266	LOC146053	XM_933251.1	-1.2	11.18	-1.34	12.88	-1.26	16.94	-1.24	16.46	0.02	0	-0.13	0.04
ILMN_1666384	LOC151579	XM_045290.6	-1.6	6.32	-1.49	5.72	-1.35	6.8	-1.12	4.75	0.23	0	0.11	0.01
ILMN_1666477	LOC390876	XM_372704.4	-1.25	5.05	-1.62	7.64	-1.3	8.4	-1.38	9.36	-0.08	0	-0.37	0.11
ILMN_1718997	LOC390956	XM_372741.4	-1.06	7.87	-1.05	7.82	-0.95	10.78	-1.1	13.87	-0.16	0	0.01	0
ILMN_1775473	LOC400652	XM_375543.3	-1.49	10.21	-1.08	6.53	-1.07	7.98	-1.06	7.78	0.01	0	0.4	0.34
ILMN_1669233	LOC401677	XM_941301.1	-1.12	9.38	-1.25	10.93	-1.11	12.22	-1.23	14.58	-0.13	0	-0.13	0.03
ILMN_2407235	LOC402057	NM_001080499.1	-1.74	7.44	-1.71	7.31	-1.57	9.46	-1.45	8.19	0.12	0	0.03	0
ILMN_1690638	LOC402677	XM_943039.1	-1.33	12.63	-1.44	14	-1.26	10.24	-1.44	12.76	-0.18	0	-0.11	0.03
ILMN_2061979	LOC440093	NM_001013699.1	-1.28	11.5	-1.42	13.18	-1.18	12.36	-1.08	10.55	0.1	0	-0.14	0.04
ILMN_1716601	LOC441032	XM_933495.1	-1.48	8.22	-1.56	8.99	-1.54	12.9	-1.51	12.33	0.04	0	-0.09	0.01
ILMN_1711729	LOC442454	NR_002308.1	-2.14	4.22	-1.62	2.55	-1.39	3	-1.25	2.42	0.14	0	0.52	0.05
ILMN_1665630	LOC643872	XM_933938.2	-1.03	8.76	-1.08	9.37	-1.31	15.61	-1.3	15.42	0.01	0	-0.04	0.01
ILMN_1811193	LOC645289	XM_928333.1	-1.08	7.64	-1.06	7.53	-1.1	8.24	-1.02	7.14	0.08	0	0.02	0
ILMN_1685985	LOC649150	XR_019269.1	-1.92	10.1	-1.99	10.63	-1.92	18.87	-1.82	17.27	0.1	0	-0.06	0
ILMN_1803799	LOC649555	XM_945579.1	-1.47	2.17	-0.93	0.88	-1.51	5.41	-1.4	4.66	0.11	0	0.54	0.06
ILMN_1812236	LOC650739	XR_019385.1	-1.61	12.22	-1.45	10.75	-1.59	19.71	-1.52	18.28	0.07	0	0.16	0.03
ILMN_1670800	LOC651745	XM_944901.1	-1.29	10.57	-1.19	9.49	-1.16	12.43	-1.16	12.43	0	0	0.11	0.02
ILMN_1660477	LOC652608	XM_942140.1	-1.39	7.24	-1.19	5.76	-1.02	6.39	-0.91	5.19	0.11	0	0.19	0.03
ILMN_1658531	LOC653702	NM_001093763.1	-1.39	2.78	-1.11	1.79	-1.27	4.15	-1.39	4.97	-0.13	0	0.29	0.02
ILMN_1701882	LOC653820	XM_930579.2	-1.4	3.81	-0.95	1.86	-0.98	4.52	-1.14	6.03	-0.16	0	0.45	0.08
ILMN_1749875	LOC728715	XM_001128260.1	-1.09	7.67	-0.84	5.11	-1.45	18.06	-1.57	20.43	-0.13	0	0.25	0.11
ILMN_1764362	LYAR	NM_017816.1	-1.04	6.19	-1.3	8.72	-0.99	6.19	-1.14	8.08	-0.16	0	-0.26	0.09
ILMN_2147435	MAN2A1	NM_002372.2	-1.16	5.43	-0.85	3.2	-1.42	10.34	-1.29	8.67	0.13	0	0.31	0.09
ILMN_1761808	MCFD2	NM_139279.3	-1.13	6.43	-1.39	8.86	-1.06	9.68	-1.05	9.53	0.01	0	-0.26	0.08
ILMN_1788832	MIB1	NM_020774.2	-0.95	3.4	-1.19	5.02	-1.13	5.76	-1.09	5.36	0.04	0	-0.24	0.04
ILMN_1791478	MTPN	NM_145808.2	-1.24	2.04	-0.84	0.94	-1.62	6.91	-1.35	4.86	0.28	0	0.4	0.04
ILMN_2214678	MXD1	NM_002357.2	0.37	0.59	-0.68	1.91	-1.31	11.47	-1.08	8.14	0.23	0	-1.05	3.04
ILMN_2308849	MYADM	NM_001020820.1	-0.89	6.26	-1.87	16.77	-1.08	12.42	-1.26	16.02	-0.18	0	-0.98	5.96
ILMN_1699208	NAP1L1	NM_139207.1	-1.56	10.7	-1.46	9.88	-1.62	18.13	-1.44	14.95	0.18	0	0.1	0.01
ILMN_1743208	NEDD1	NM_152905.2	-1.25	2.3	-0.9	1.21	-1.46	7.53	-1.45	7.38	0.01	0	0.35	0.03
ILMN_2414007	NME2	NM_001018139.1	-1.64	10.01	-1.79	11.34	-0.99	4.43	-1.1	5.37	-0.11	0	-0.15	0.02
ILMN_1667906	NR2E3	NM_014249.2	-1.01	6.71	-1.03	7.06	-1.1	11.62	-1.01	10	0.09	0	-0.03	0
ILMN_1718629	NRIP1	NM_003489.2	-1.21	3.94	-1.32	4.63	-1.17	6.14	-1.15	5.87	0.03	0	-0.12	0.01
ILMN_1699574	NRP1	NM_003873.4	-1.31	5.31	-1.3	5.26	-1.1	5.36	-1.24	6.74	-0.15	0	0.01	0
ILMN_1798886	NUDT21	NM_007006.2	-1.48	3.85	-1.35	3.28	-1.78	7.44	-1.53	5.63	0.25	0	0.13	0.01
ILMN_1765829	NUFIP2	NM_020772.1	-1.2	2.35	-0.85	1.21	-1.31	5.21	-1.44	6.18	-0.13	0	0.35	0.04
ILMN_2358652	NXF1	NM_006362.4	-1.29	12.51	-1.13	10.55	-1.09	10.76	-1.11	10.97	-0.02	0	0.17	0.07
ILMN_1705783	NXF1	NM_001081491.1	-1.09	8.48	-1	7.51	-1.29	16.21	-1.07	11.84	0.22	0	0.09	0.02
ILMN_2102515	PGAM4	NM_001029891.2	-1.71	11.53	-1.73	11.85	-1.48	10.21	-1.31	8.23	0.17	0	-0.02	0
ILMN_1701195	PLA2G7	NM_005084.2	-1.02	6.36	-1.01	6.35	-0.97	7.4	-1.08	8.9	-0.11	0	0.01	0
ILMN_2309156	PMEPA1	NM_199169.1	0.47	1.74	-2.24	18.34	-0.85	4.7	-1.24	9.43	-0.39	0	-2.71	20.46
ILMN_1800855	PPTC7	NM_139283.1	-1.02	2.39	-0.69	1.11	-1.02	3.45	-1.05	3.69	-0.04	0	0.33	0.05
ILMN_1737124	PRPF4B	NM_176800.1	-1.4	6.72	-1.02	4.03	-1.08	5.36	-0.79	2.88	0.29	0	0.38	0.14
ILMN_1736021	PRPF4B	NM_003913.3	-1.13	3.79	-0.82	2.07	-1.46	7.87	-1.38	7.15	0.07	0	0.32	0.06
ILMN_2054297	PTGS2	NM_000963.1	-0.3	0.68	-1.64	12.61	-0.72	3.27	-1.08	6.97	-0.35	0	-1.34	8.23
ILMN_1695509	PTPN12	NM_002835.2	-1.08	3.68	-1.17	4.24	-1.13	6.65	-1.29	8.36	-0.16	0	-0.09	0.01

ILMN_1747184	PUS7L	NM_001098615.1	-1.24	5.85	-1.01	4.2	-1.3	11.34	-1.24	10.38	0.06	0	0.23	0.04
ILMN_1771403	PWWP2A	NM_052927.1	-1.16	4.9	-0.99	3.76	-1.19	9.13	-1.2	9.23	-0.01	0	0.17	0.02
ILMN_1667417	RAB23	NM_016277.3	-1	3.18	-0.64	1.34	-1.15	7.71	-1.13	7.39	0.02	0	0.36	0.09
ILMN_1740426	RASD1	NM_016084.3	-0.83	4.64	-1.37	10.03	-1.18	11.8	-1.33	14.31	-0.15	0	-0.54	1.12
ILMN_1696591	RB1	NM_000321.2	-1.18	3.39	-1.13	3.12	-1.68	11.49	-1.6	10.51	0.08	0	0.05	0
ILMN_1710738	RC3H2	NM_018835.1	-1.09	4.5	-0.83	2.81	-0.83	2.81	-1.04	4.34	-0.2	0	0.26	0.05
ILMN_1708611	RDX	NM_002906.3	-1.32	4.03	-1.21	3.47	-1.67	11.28	-1.61	10.47	0.06	0	0.11	0.01
ILMN_2380999	RECQL	NM_032941.1	-1.3	3.18	-0.86	1.44	-1.41	7.59	-1.39	7.39	0.02	0	0.44	0.08
ILMN_1794068	RFX4	NM_002920.3	-1.24	6.78	-1.36	7.81	-1.17	8.72	-1.11	7.86	0.06	0	-0.12	0.01
ILMN_1655329	RIOK2	NM_018343.1	-1.08	2.79	-0.42	0.46	-1.21	7.47	-0.84	3.73	0.37	0	0.66	0.35
ILMN_2070210	RNF219	NM_024546.3	-1.65	7.6	-1.28	5.17	-1.3	8.63	-1.48	10.75	-0.18	0	0.37	0.1
ILMN_1808768	ROCK1	NM_005406.2	-1.23	2.26	-0.8	0.98	-1	4.37	-1.12	5.42	-0.12	0	0.43	0.05
ILMN_1766916	RPAP3	NM_024604.1	-1.28	3.24	-0.9	1.66	-1.28	10.38	-1.2	9.23	0.08	0	0.38	0.06
ILMN_1698231	RRM2B	NM_015713.3	-1.25	6.09	-0.89	3.46	-1.33	11.01	-1.26	9.99	0.07	0	0.36	0.14
ILMN_1730611	RTN4	NM_007008.2	-1.31	9.71	-1.31	9.84	-1.17	9.71	-1.13	9.2	0.03	0	0	0
ILMN_2065773	SCG5	NM_003020.1	-1.03	9.19	-1.21	11.49	-1.14	12.29	-1.12	11.9	0.02	0	-0.18	0.08
ILMN_2054233	SENP6	NM_015571.1	-1.27	3.9	-0.9	2.05	-1.72	11.61	-1.52	9.32	0.2	0	0.38	0.07
ILMN_1655595	SERPINE2	NM_006216.2	-0.8	4.02	-1.36	9.21	-1.1	5.9	-1.1	5.8	0.01	0	-0.55	1.02
ILMN_2158242	SHOC2	NM_007373.2	-1.36	4.48	-1.46	5.06	-1.19	5.12	-1.2	5.27	-0.02	0	-0.1	0.01
ILMN_1791728	SLC25A25	NM_052901.2	-0.97	7.07	-1.26	10.3	-0.92	10.08	-1.02	12.02	-0.1	0	-0.29	0.2
ILMN_1766528	SLC25A36	NM_018155.1	-1.15	3.03	-0.36	0.35	-1.15	5.36	-1.09	4.77	0.07	0	0.79	0.6
ILMN_1713163	SMARCA5	NM_003601.2	-1.34	4.44	-0.95	2.38	-1.34	7.38	-1.15	5.57	0.19	0	0.39	0.08
ILMN_1748923	SMC2	NM_001042550.1	-1.32	3.23	-1.1	2.27	-1.91	13.3	-1.76	11.51	0.16	0	0.23	0.02
ILMN_2330861	SMC4	NM_001002800.1	-1.12	5.05	-0.9	3.48	-1.05	7.42	-1.09	7.93	-0.04	0	0.22	0.04
ILMN_1756942	SP3	NM_001017371.3	-1.28	4.69	-1.31	4.89	-1.68	12.69	-1.62	11.98	0.05	0	-0.03	0
ILMN_1804277	SPRED1	NM_152594.1	-0.84	4.96	-1.27	9.43	-0.66	4.05	-1.04	9.34	-0.38	0	-0.43	0.59
ILMN_1677532	TARDBP	NM_007375.3	-1.03	4.58	-0.6	1.71	-1.45	13.15	-1.08	7.85	0.37	0	0.43	0.24
ILMN_1811799	TAS2R10	NM_023921.1	-1.05	6.55	-0.77	4	-1.13	14.48	-1.2	16.11	-0.08	0	0.27	0.12
ILMN_1701058	TATDN1	NM_032026.2	-1.67	4.79	-1.11	2.34	-1.62	8.99	-1.28	5.85	0.34	0	0.55	0.13
ILMN_1688098	TBC1D4	NM_014832.2	-1.13	8.38	-1.12	8.33	-1.19	10.92	-1.09	9.28	0.1	0	0.01	0
ILMN_2314007	TCF12	NM_207037.1	-1.8	13.05	-1.7	12.26	-1.62	12.61	-1.14	6.82	0.48	0	0.1	0.01
ILMN_1669832	TCF12	NM_207038.1	-1.61	10.16	-1.59	10.11	-1.61	11.88	-1.07	5.72	0.54	0	0.02	0
ILMN_1777096	TDG	NM_003211.3	-0.74	5.1	-1.08	9.16	-1.08	13.8	-1.1	14.13	-0.02	0	-0.34	0.42
ILMN_1724139	TMEM123	NM_052932.2	-1.46	3.02	-0.75	0.85	-1.56	7.29	-1.39	5.86	0.17	0	0.71	0.19
ILMN_2222688	TMSB4X	NM_021109.2	-1.28	6.76	-1.3	6.98	-1.58	25.76	-1.55	25.01	0.03	0	-0.02	0
ILMN_1732566	TMTCS	NM_181783.2	-1.41	5.64	-1.35	5.32	-1.41	11.93	-1.21	9.07	0.2	0	0.06	0
ILMN_1837935	TNPO1	NM_153188.2	-1.33	6.55	-1.62	8.82	-1.62	10.93	-1.47	9.13	0.16	0	-0.28	0.07
ILMN_1686097	TOP2A	NM_001067.2	-1.35	5.56	-0.92	2.91	-1.53	11.61	-1.44	10.42	0.09	0	0.42	0.15
ILMN_1690307	TPRKB	NM_016058.1	-1.08	2.66	-0.73	1.24	-1.23	7.8	-1.13	6.69	0.1	0	0.35	0.05
ILMN_1788783	TRAM2	NM_012288.3	-1.25	7.27	-1.49	9.41	-1.21	11.31	-1.26	11.95	-0.05	0	-0.24	0.06
ILMN_1700337	TROAP	NM_005480.2	-1.08	7.04	-0.9	5.33	-0.98	8.86	-1.01	9.46	-0.04	0	0.18	0.04
ILMN_2047206	TXNDC10	NM_019022.3	-1.27	4.44	-1.49	5.77	-1.5	7.16	-1.35	5.85	0.15	0	-0.21	0.03
ILMN_1770515	UBE2V2	NM_003350.2	-1.48	4.66	-1.11	2.8	-1.23	6.51	-1.07	4.99	0.16	0	0.37	0.06
ILMN_1759453	UQCRB	NM_006294.2	-1.57	2.2	-0.96	0.85	-1.82	6.79	-1.77	6.41	0.05	0	0.61	0.07
ILMN_1795275	USP53	NM_019050.2	-1.08	4.38	-0.91	3.26	-1.28	13.26	-1.1	10.15	0.18	0	0.17	0.02
ILMN_1715188	USP8	NM_005154.2	-1.01	4.17	-0.9	3.42	-1.3	11.75	-1.13	9.14	0.17	0	0.11	0.01
ILMN_1756043	WDHD1	NM_007086.2	-1.09	3.27	-0.73	1.54	-1.22	6.72	-1.29	7.35	-0.06	0	0.36	0.08
ILMN_1719343	WDR26	NM_025160.4	-1.45	6.06	-1.11	3.89	-1.31	6.71	-1.05	4.4	0.26	0	0.34	0.08
ILMN_1704621	WDR44	NM_019045.3	-1.06	6.42	-0.93	5.22	-0.97	6.28	-1.05	7.22	-0.08	0	0.13	0.02
ILMN_1725121	XPO1	NM_003400.3	-1.27	4.31	-0.72	1.49	-1.68	12.42	-1.47	9.94	0.2	0	0.55	0.25
ILMN_1798030	XPR1	NM_004736.2	-1.03	4.18	-0.81	2.71	-1.15	10.05	-1.09	9.14	0.06	0	0.22	0.04
ILMN_1750145	YWHAG	NM_012479.2	-2.08	9.18	-2.23	10.18	-1.06	2.87	-1.05	2.81	0.01	0	-0.15	0.01
ILMN_1760360	ZNF294	NM_015565.1	-1.13	7.37	-0.97	5.9	-1.23	9.02	-1.1	7.39	0.13	0	0.16	0.03
ILMN_1728230	ZNF30	NM_001099437.1	-1.07	8.62	-0.2	0.45	-1.31	15.35	-0.92	8.34	0.39	0	0.87	4.99
ILMN_1777061	ZSWIM6	XM_035299.8	-0.66	3.25	-1.1	7.59	-1.17	8.9	-0.92	5.68	0.25	0	-0.44	0.62
ILMN_1767322	EDAR	NM_022336.2	1.79	9.56	0.21	0.23	1.3	9.37	1.19	7.97	-0.11	0	-1.58	6.64
ILMN_2129572	F3	NM_001993.2	-0.31	0.43	-1.38	6.87	1.42	8.19	0.98	4.05	-0.44	0	-1.07	3.35
ILMN_1797009	F3	NM_001993.2	0.69	2.11	-0.86	3.22	1.21	6.1	0.64	1.71	-0.57	0	-1.54	6.95
ILMN_2115005	FGD2	NM_173558.2	1.73	10.96	0.34	0.64	1.11	11.09	1.11	11.06	0	0	-1.39	6.74
ILMN_1794742	HES5	NM_001010926.2	1.55	9.51	0.25	0.38	1.02	10.01	0.61	3.88	-0.41	0	-1.3	6.05
ILMN_1665832	ID1	NM_181353.1	1.46	7.34	0.16	0.15	2.23	24.69	1.28	10.11	-0.95	2.38	-1.31	4.9
ILMN_2086095	ID2	NM_002166.4	-0.36	0.4	-1.59	6.33	1.44	10.71	0.47	1.18	-0.97	1.96	-1.24	2.95
ILMN_2372915	P2RY2	NM_002564.2	1.38	12.13	0.2	0.45	1.18	11.62	0.97	8.26	-0.21	0	-1.17	8.47

ILMN_1666392	WNT4	NM_030761.3	1.59	9.01	0.41	0.82	1.27	9.9	1.13	7.98	-0.14	0	-1.18	4.51
--------------	------	-------------	------	------	------	------	------	-----	------	------	-------	---	-------	------