

Ilumina Identifier	HGNC gene symbol	Refseq ID	BI2 LR(0.08uM+TGFb/UT+DMSO+TGFb)	BI2 -log10(pVAL(0.08uM+TGFb/UT+DMSO+TGFb))	BI2 LR(2uM+TGFb/UT+DMSO+TGFb)	BI2 -log10(pVAL(2uM+TGFb/UT+DMSO+TGFb))	BI2 LR(0.08uM-TGFb/UT+DMSO)	BI2 -log10(pVAL(0.08uM-TGFb/UT+DMSO))	BI2 LR(2uM-TGFb/UT+DMSO)	BI2 -log10(pVAL(2uM-TGFb/UT+DMSO))	BI2 LR(2uM-TGFb/0.08uM-TGFb)	BI2 -log10(pVAL(2uM-TGFb/0.08uM-TGFb))	BI2 LR(2uM+TGFb/0.08uM+TGFb)	BI2 -log10(pVAL(2uM+TGFb/0.08uM+TGFb))
ILMN_1731433	ABP1	NM_001091.2	0.42	0.36	1.92	9.02	1.56	6.35	0.69	1.26	-0.86	0.24	1.5	3.68
ILMN_1769694	ACCN2	NM_001095.2	0.6	1.41	1.66	11	1.07	8.41	1.53	15.49	0.46	0.1	1.06	3.29
ILMN_1758323	ACPP	NM_001099.2	1.14	6.15	0.91	5.77	1.26	14.71	1.04	10.55	-0.22	0	-0.22	0.04
ILMN_1673566	ADAMTS1	NM_006988.3	1.37	5.18	1.08	4.65	1.07	8.44	1.2	10.34	0.13	0	-0.3	0.04
ILMN_1814526	ADD3	NM_001121.2	0.35	0.33	1.25	5.65	1.14	7.71	0.93	5.28	-0.21	0	0.9	1.51
ILMN_2223359	ADH7	NM_000673.3	2.24	15.6	2.09	17.45	1.93	20	1.6	14.83	-0.33	0	-0.15	0.01
ILMN_1703946	ADORA2B	NM_000676.2	1.16	5.89	1.3	9.13	1.62	24.72	1.41	19.96	-0.21	0	0.14	0
ILMN_1669557	AIM1L	NM_001039775.1	0.6	0.95	1.09	4.42	0.93	4.73	1.04	5.86	0.11	0	0.49	0.23
ILMN_1672148	AKR1B10	NM_020299.3	2.12	14.97	1.95	16.38	2.07	18.88	1.78	14.8	-0.29	0	-0.17	0.01
ILMN_1773417	AKR1C2	XM_943415.1	2.53	15.29	1.63	11.06	2.08	22.21	1.66	15.67	-0.41	0	-0.9	2.44
ILMN_2412336	AKR1C2	NM_001354.4	1.96	15.25	1.72	15.8	1.88	31.99	1.25	17.91	-0.62	2.51	-0.24	0.09
ILMN_1713124	AKR1C3	NM_003739.4	1.92	13.62	1.92	16.38	2.4	31.41	2.06	25.4	-0.34	0	0	0
ILMN_1687757	AKR1C4	NM_001818.2	1.91	13.08	1.55	12.45	2.24	31.4	1.8	23.03	-0.45	0.19	-0.36	0.27
ILMN_2096372	ALDH1A1	NM_000689.3	1.38	2.7	1.89	6.44	2.23	15.08	2.03	12.89	-0.19	0	0.52	0.08
ILMN_1709348	ALDH1A1	NM_000689.3	1.8	2.96	2.2	5.77	2.51	7.77	2.16	5.85	-0.35	0	0.4	0.01
ILMN_1702503	ALDH3A1	NM_000691.3	1.42	8.51	1.98	15.94	2	25.88	1.93	24.53	-0.07	0	0.56	0.99
ILMN_1763666	ALDH3B2	NM_001031615.1	1.28	6.6	2.51	18.88	1.93	17.64	2.14	20.58	0.21	0	1.22	4.99
ILMN_1801851	ALPPL2	NM_031313.1	1	2.72	1.61	8.18	1.64	16.77	1.35	12.07	-0.29	0	0.61	0.47
ILMN_2217601	ANXA9	NM_003568.1	0.45	0.7	1.69	10.57	1.27	8.38	0.85	3.98	-0.41	0	1.24	4.05
ILMN_1709820	AOAH	NM_001637.1	0.41	1.18	1.16	10	1.14	10.05	0.92	6.77	-0.22	0	0.74	2.85
ILMN_1796737	APM-1	XM_113971.4	0.71	2.54	1.91	15.06	1.49	12.41	1.14	7.64	-0.36	0	1.2	5.27
ILMN_1762952	ARTN	NM_057091.1	1.17	5.38	1.29	8.19	1.09	9.23	1.03	8.3	-0.06	0	0.11	0
ILMN_1723412	ASCL2	NM_005170.2	0.79	2.43	1.09	6	1.13	10.05	1.15	10.39	0.02	0	0.3	0.07
ILMN_1708778	ASS1	NM_000050.4	0.92	5.37	1.92	17.72	2.01	28.19	1.8	24.01	-0.21	0	0.99	4.96
ILMN_2395451	ASS1	NM_054012.3	0.89	2.23	2.29	13.37	2.49	25.23	2.39	23.65	-0.1	0	1.41	4.17
ILMN_1812073	ATP6V1B1	NM_001692.3	1.49	6.34	3.08	19.42	2.57	25.99	2.67	27.21	0.09	0	1.59	5.8
ILMN_2376771	ATR	NM_001184.2	-0.15	0.11	1.08	5.66	1.2	6.71	1.1	5.76	-0.09	0	1.23	4.19
ILMN_1734929	BBOX1	NM_003986.2	0.94	1.74	1.4	5.16	1.32	8.15	0.86	3.61	-0.46	0	0.46	0.1
ILMN_2255133	BCL11A	NM_022893.2	0.73	0.79	1.28	3.54	1.03	4.58	1.08	5.01	0.05	0	0.55	0.12
ILMN_1752899	BCL11A	NM_022893.2	1.43	9.22	1.33	10.59	1.18	11.21	1.22	11.76	0.04	0	-0.09	0
ILMN_1665761	BCL11B	NM_138576.2	0.71	3.37	1.02	8.31	1.12	13.54	0.98	10.71	-0.14	0	0.31	0.25
ILMN_1814686	BCMO1	NM_017429.2	0.79	2.83	2.15	16.13	1.46	15.28	1.51	16.03	0.05	0	1.35	5.97
ILMN_1726809	BHLHB3	NM_030762.1	0.78	2.94	1.45	10.58	1.41	9.75	0.82	3.5	-0.59	0.18	0.67	1.45
ILMN_1695354	BMF	NM_033503.3	0.95	2.53	1.18	5.22	1.11	5.45	0.71	2.23	-0.4	0	0.23	0.01
ILMN_2308338	BMF	NM_001003943.1	1.01	3.07	0.92	3.65	1.07	6.26	0.69	2.67	-0.38	0	-0.09	0
ILMN_1777591	C10orf65	NM_138413.2	1.04	4.08	1.94	13.21	1.19	11.27	1.38	14.51	0.2	0	0.89	2.23
ILMN_1658494	C13orf15	NM_014059.2	1.1	6.64	1.14	8.97	1.81	21.78	1.13	10.08	-0.68	1.4	0.03	0
ILMN_1713744	C14orf132	NM_020215.2	0.92	3.71	2.09	15.5	1.05	7.4	0.84	4.86	-0.21	0	1.16	4.43
ILMN_1775330	C15orf52	NM_207380.1	1.29	9.22	1.46	13.39	2.43	34.83	2.06	27.84	-0.37	0.02	0.17	0.02
ILMN_2073446	C1orf116	NM_023938.4	1.29	8.68	1.05	8.32	1.27	15.83	1.43	19.05	0.16	0	-0.24	0.07
ILMN_1676725	C1orf116	NM_023938.5	1.01	5.24	0.76	4.43	1.01	5.37	1.45	10.29	0.43	0	-0.25	0.06
ILMN_1733288	C1RL	NM_016546.1	0.93	5.6	1.46	13.41	1.24	13.7	1.03	9.93	-0.21	0	0.53	1.28
ILMN_2174711	C21orf129	NM_152506.1	1.37	4.31	2.46	13.18	1.51	9.73	1.46	9.08	-0.05	0	1.09	2.01
ILMN_1737255	C22orf36	NM_207644.2	1.27	4.86	0.9	3.64	1.01	7.64	0.93	6.56	-0.08	0	-0.37	0.11
ILMN_1757639	C3orf57	NM_001040100.1	0.51	1.42	1.03	7.09	1.41	11.86	1.04	6.84	-0.37	0	0.52	0.85
ILMN_1777740	C8orf55	NM_016647.2	0.61	3.09	1.14	11.02	1.04	14.18	0.82	9.4	-0.22	0	0.53	1.57
ILMN_1674629	C9orf3	NM_032823.3	1.53	9.26	1.2	8.33	1.46	19.33	1.32	16.47	-0.14	0	-0.34	0.18
ILMN_1674650	C9orf95	NM_017881.1	0.94	2.94	2.56	16.63	1.57	11.82	1.45	10.27	-0.12	0	1.63	6.35

ILMN_2199439	CA2	NM_000067.1	1.04	2.75	1.01	3.68	1.25	15.46	0.96	9.82	-0.29	0	-0.03	0
ILMN_2326509	CASP1	NM_033294.2	0.93	3.52	1.26	7.72	1.08	8.11	1.14	8.77	0.05	0	0.32	0.1
ILMN_2326512	CASP1	NM_033294.2	0.85	3.23	1.4	9.69	0.95	6.98	1.07	8.72	0.12	0	0.55	0.78
ILMN_2053829	CBLN3	NM_001039771.2	0.83	4.81	1.2	10.92	1.13	11.1	0.93	7.88	-0.2	0	0.37	0.5
ILMN_1652237	CBR3	NM_001236.3	1.37	8.65	2.04	17.23	1.48	19.78	1.47	19.49	-0.01	0	0.67	1.75
ILMN_1760247	CD70	NM_001252.3	0.36	0.44	1.71	10.61	1.22	9.53	1.13	8.28	-0.09	0	1.35	4.7
ILMN_1695423	CD9	NM_001769.2	0.65	1.03	1.41	6.27	1.81	22.57	1.62	19.05	-0.19	0	0.76	0.81
ILMN_1714592	CDA	NM_001785.2	0.52	1.33	1.13	7.64	1.47	14.33	1.31	11.64	-0.17	0	0.61	1.21
ILMN_1782050	CEBPD	NM_005195.3	0.95	4.45	1.28	9.31	1.52	20.41	1.19	13.83	-0.33	0	0.33	0.17
ILMN_1803236	CLCA2	NM_006536.4	1.65	9.73	1.9	14.34	1.05	8.06	1.03	7.8	-0.02	0	0.25	0.05
ILMN_1679176	CLCA4	NM_012128.2	1.2	2.36	2.37	9.83	1.26	4.16	0.63	1	-0.63	0	1.16	1.48
ILMN_1724686	CLDN1	NM_021101.3	1.75	8.29	2.11	13.35	1.29	9.19	0.83	4	-0.46	0.01	0.37	0.11
ILMN_1746676	CLDN8	NM_199328.1	2.67	14.66	2.61	17.04	2.29	28.45	1.99	23.11	-0.31	0	-0.07	0
ILMN_1784608	CLEC2B	NM_005127.2	0.9	2.61	2.08	12.92	1.64	15.27	1.23	9.21	-0.42	0	1.18	3.39
ILMN_1796423	CLIC3	NM_004669.2	0.98	2.13	1.47	6.19	2.01	15.52	2.1	16.56	0.09	0	0.5	0.17
ILMN_1690170	CRABP2	NM_001878.2	1.41	11.5	1.98	20.04	1.61	21.26	1.48	18.5	-0.14	0	0.57	1.92
ILMN_1807291	CYP1A1	NM_000499.2	0.58	1.77	1.63	12.93	1.66	9.77	2.29	16.8	0.64	0.09	1.05	4.35
ILMN_1693338	CYP1B1	NM_000104.2	1.55	4.31	2.4	10.96	1.75	12.01	1.46	8.76	-0.28	0	0.85	0.74
ILMN_1810942	CYP3A5	NM_000777.2	1.84	4.1	4.7	18.6	4.09	21.68	3.05	13.56	-1.04	0.15	2.86	7.1
ILMN_1809384	CYP4F12	NM_023944.2	1.37	5.78	2.29	14.81	1.5	10.98	1.43	9.97	-0.08	0	0.92	2.04
ILMN_1736190	CYP4F3	NM_000896.1	2.3	10.69	3.57	20.79	1.46	9.25	1.35	7.95	-0.12	0	1.28	3.39
ILMN_1708340	DAPK1	NM_004938.2	1.27	4.05	2.27	12.56	1.75	15.27	1.6	13.07	-0.15	0	1	1.81
ILMN_1687556	DAPL1	NM_001017920.1	0.97	4.08	1.66	11.92	2.04	16.09	1.82	13.23	-0.22	0	0.69	1.39
ILMN_2374352	DBNDD1	NM_001042610.1	0.3	0.46	1.02	6.96	1.05	10.59	0.98	9.32	-0.07	0	0.72	1.99
ILMN_2347145	DCN	NM_133505.2	0.8	3.01	1.1	7.05	1.11	9.85	0.62	3.3	-0.49	0.26	0.3	0.1
ILMN_1661599	DDIT4	NM_019058.2	0.66	2.95	1.17	10.02	1.71	27.32	1.64	25.66	-0.07	0	0.51	1.14
ILMN_1686573	DEFB1	NM_005218.3	1.45	2.08	2.14	5.84	2.11	7.83	2.13	7.95	0.02	0	0.69	0.12
ILMN_2319910	DGKA	NM_201554.1	0.43	0.68	1.07	5.68	1.39	9.47	1.03	5.48	-0.35	0	0.64	0.92
ILMN_2319913	DGKA	NM_201554.1	0.38	0.6	1.12	6.74	1	5.13	0.93	4.44	-0.07	0	0.74	1.58
ILMN_1733998	DHRS9	NM_005771.3	1.41	11.15	0.84	6.82	1.2	11.46	1	8.23	-0.2	0	-0.57	1.79
ILMN_1788931	DOCK8	NM_203447.1	0.72	2.44	1.78	13.5	1.1	8.94	1.2	10.28	0.09	0	1.07	4.05
ILMN_1663119	DSC2	NM_004949.2	1.04	4.06	0.39	0.86	1.15	9.25	0.94	6.46	-0.2	0	-0.66	1.02
ILMN_2359159	DSC3	NM_001941.2	0.83	2.12	1.17	5.54	1.03	5.47	0.61	1.9	-0.43	0	0.34	0.07
ILMN_1812799	DSG4	NM_177986.2	1.39	4.26	1.51	6.57	1.73	11.66	1.38	7.75	-0.35	0	0.12	0
ILMN_1703913	DST	NM_001723.4	1.8	7.39	1.57	7.87	1.55	12.51	1.34	9.63	-0.21	0	-0.23	0.01
ILMN_2238302	DST	NM_001723.3	1.49	5.29	1.39	6.36	1.46	8.73	1.16	5.65	-0.3	0	-0.09	0
ILMN_2401878	DUSP10	NM_144729.1	0.59	1.32	1.41	8.69	1.44	12.13	1.23	9.19	-0.21	0	0.82	1.8
ILMN_1746763	ECM2	NM_001393.2	0.78	1.42	1.12	4.09	0.39	0.71	1.06	5.52	0.68	0.34	0.34	0.04
ILMN_2228938	ECM2	NM_001393.2	0.85	3.39	1.61	12.05	0.19	0.23	1.06	6.7	0.88	1.99	0.77	1.99
ILMN_1767322	EDAR	NM_022336.2	1.46	5.56	1.68	9.04	2.39	25.01	2	19.13	-0.39	0	0.22	0.01
ILMN_1726893	EPN3	NM_017957.1	1.31	6.69	2.04	15.08	1.13	9.57	1.05	8.39	-0.08	0	0.73	1.58
ILMN_2378100	FBXL5	NM_012161.2	1.09	2.33	0.94	2.54	0.95	4.4	1.09	5.71	0.14	0	-0.14	0
ILMN_1652280	FBXO32	NM_058229.2	0.91	1.89	1.55	6.87	1.08	4.36	1.2	5.32	0.12	0	0.65	0.45
ILMN_1703955	FBXO32	NM_148177.1	1.53	7.03	1.95	12.42	1.08	3.26	1.16	3.82	0.09	0	0.41	0.19
ILMN_1772686	FGD3	NM_033086.2	1.33	6.82	2.6	19.26	0.82	3.78	1.47	11.11	0.65	0.36	1.27	5.18
ILMN_1746465	FJX1	NM_014344.2	1.26	6.86	0.66	3.08	0.95	6.41	1.26	10.65	0.31	0	-0.6	1.14
ILMN_1691966	FLJ35934	NM_207453.1	1.36	7.95	1.06	7.09	1.08	9.66	1.08	9.76	0.01	0	-0.3	0.13
ILMN_2134538	FTHL11	NR_002204.1	0.29	0.25	1.04	4.35	1.1	6.51	0.95	4.89	-0.15	0	0.74	0.99
ILMN_2173835	FTHL3	NR_002201.1	0.59	0.96	1.04	4.23	1.5	11.95	1.25	8.64	-0.25	0	0.45	0.18
ILMN_1794659	FUT2	NM_001097638.1	1.2	5.9	1.32	8.9	1.26	11.49	0.92	6.43	-0.35	0	0.12	0
ILMN_1791580	FXYD3	NM_005971.2	0.94	4.55	1.59	12.76	1.41	13.87	1.36	12.95	-0.05	0	0.65	1.56
ILMN_1665372	FXYD3	NM_021910.1	0.69	2.16	1.26	8.28	1.61	13.25	1.55	12.42	-0.05	0	0.57	0.83
ILMN_2376050	FXYD3	NM_005971.2	0.62	0.55	1.31	3.6	1.62	8.07	1.64	8.27	0.03	0	0.69	0.26
ILMN_2324202	GABRE	NM_004961.3	0.8	1.29	1.25	4.35	1.61	8.87	1.28	5.81	-0.33	0	0.45	0.09
ILMN_1784706	GABRE	NM_004961.3	1.35	3.99	1.94	9.31	1.31	4.89	0.89	2.26	-0.42	0	0.58	0.3
ILMN_1727087	GJA1	NM_000165.3	1.29	3.79	1.38	5.76	1.21	5.35	0.84	2.59	-0.37	0	0.09	0
ILMN_1718268	GJB4	NM_153212.1	0.66	1.29	1.07	4.64	1.21	8.36	0.83	4.14	-0.38	0	0.41	0.14
ILMN_1737308	GLRX	NM_002064.1	0.23	0.18	1.16	5.71	1.33	5.15	1.16	3.97	-0.17	0	0.93	1.99
ILMN_1773963	GNA15	NM_002068.1	1.1	6.06	0.88	5.65	1.08	15	0.83	9.41	-0.25	0	-0.22	0.04
ILMN_2384056	GPER	NM_001039966.1	1.23	4.68	2.12	13.21	1.45	10.57	1.18	7.36	-0.26	0	0.89	1.76
ILMN_1795298	GPER	NM_001039966.1	0.73	2.57	1.85	14.18	1.28	9.37	1.1	7.08	-0.18	0	1.12	4.46
ILMN_2407389	GPNMB	NM_002510.2	0.88	2.77	2.15	14.3	1.38	9.45	1.1	6.21	-0.28	0	1.28	4.37
ILMN_1750497	GPR109A	NM_177551.3	1.21	4.07	1.36	6.6	1.41	9.9	1.15	6.84	-0.26	0	0.14	0
ILMN_1677693	GPR109B	NM_006018.1	0.85	4.25	1.08	8.33	1.25	9.63	1.04	6.91	-0.21	0	0.23	0.06

ILMN_1744299	GPR110	NM_153840.2	0.88	4.71	1.1	8.79	1.59	17.48	1.38	13.8	-0.21	0	0.22	0.05
ILMN_2241124	GPR110	NM_153840.2	1.23	3.76	1.8	9.2	2.43	25.9	2.23	22.82	-0.2	0	0.57	0.35
ILMN_1782944	GPR37L1	NM_004767.3	1.01	5.91	1.82	16.22	1.19	8.24	1.09	7.01	-0.1	0	0.81	3.09
ILMN_2133205	GPX2	NM_002083.2	1.24	10.16	1.31	13.46	1.16	13.87	0.95	9.69	-0.22	0	0.07	0
ILMN_1740762	GRB7	NM_005310.2	0.46	0.62	1.71	9.69	1.05	6.25	0.92	4.85	-0.13	0	1.25	3.55
ILMN_2405254	GRB7	NM_001030002.1	0.41	0.38	1.9	9.39	1.26	6.84	1.07	4.99	-0.19	0	1.49	3.89
ILMN_1801043	GSN	NM_198252.2	0.82	3.58	1.44	11.25	1.42	14.49	1.27	11.86	-0.15	0	0.62	1.37
ILMN_1732071	HIST2H2BE	NM_003528.2	0.43	0.45	1.03	3.73	1.59	13.59	1.19	8.1	-0.41	0	0.59	0.39
ILMN_1797728	HMGCS1	NM_002130.6	0.03	0.01	1.26	5.44	0.44	0.78	1.14	5.32	0.7	0.26	1.23	2.94
ILMN_1759676	HOXC13	NM_017410.2	0.92	3.6	2.06	15.13	2.07	22.82	1.75	17.57	-0.32	0	1.14	4.23
ILMN_2166457	HPGD	NM_000860.3	1.49	7.15	1.85	12.22	1.53	15.43	1.24	10.71	-0.29	0	0.36	0.12
ILMN_1857335			1.14	4.78	1.57	10.11	1.29	11.89	1.23	10.88	-0.06	0	0.43	0.26
ILMN_1904054			1.11	6.98	1.35	11.78	1.13	9.14	1.03	7.82	-0.09	0	0.24	0.09
ILMN_1863962			0.91	2.08	2.57	14.24	0.96	3.33	1.14	4.65	0.18	0	1.66	5.08
ILMN_1909156			1.12	6.59	1.06	8.01	0.98	6.46	1.06	7.42	0.08	0	-0.05	0
ILMN_1915188			0.74	3.9	1.01	8.56	1.18	13.86	0.68	5.2	-0.49	0.6	0.27	0.16
ILMN_1838691			1.2	6.31	0.37	0.98	1.09	6.49	1.27	8.54	0.18	0	-0.84	2.51
ILMN_1838767			1.59	8.24	1.81	12.38	1.58	18.23	1.64	19.28	0.06	0	0.22	0.02
ILMN_1904628			1.76	8.8	1.83	11.64	1.11	9.47	1.21	10.87	0.09	0	0.07	0
ILMN_1881081			1.29	4.09	1.74	8.82	1.52	8.78	1.17	5.35	-0.36	0	0.46	0.16
ILMN_1860963			1.6	10.03	1.52	11.7	1.62	18.23	1.49	15.94	-0.13	0	-0.09	0
ILMN_1720710	HSPB3	NM_006308.1	1.76	15.52	0.96	9.12	1.8	21.78	1.7	19.9	-0.1	0	-0.8	4.16
ILMN_1793990	ID2	NM_002166.4	-0.47	0.67	0.87	3.36	1.55	13.44	0.74	3.46	-0.8	1.46	1.34	4.17
ILMN_2086095	ID2	NM_002166.4	-0.92	1.69	0.85	2.13	1.73	14.64	0.79	3.49	-0.94	2.16	1.76	4.62
ILMN_1732296	ID3	NM_002167.2	1.03	4.69	1.94	14.61	2.28	31.44	1.79	22.48	-0.49	0.26	0.9	2.8
ILMN_1725193	IGFBP2	NM_000597.2	0.76	2.18	1.35	8.09	1.29	10.27	1.28	10.17	0	0	0.59	0.73
ILMN_1746085	IGFBP3	NM_000598.4	0.36	0.62	1.45	10.73	1.27	11.64	1.1	8.96	-0.17	0	1.09	4.35
ILMN_2396875	IGFBP3	NM_001013398.1	0.79	4.25	1.57	14.62	1.06	9.6	1.08	9.87	0.02	0	0.78	3.2
ILMN_1704353	IGSF3	NM_001542.2	1.33	7.03	1.05	6.42	1.04	7.17	0.79	4.31	-0.24	0	-0.28	0.07
ILMN_1724181	IL15	NM_000585.2	1.2	6.27	1.29	9.16	1.69	15.17	1.51	12.48	-0.18	0	0.1	0
ILMN_2369221	IL15	NM_172174.1	1.08	3.01	1.27	5.45	1.27	12.67	1.07	9.27	-0.21	0	0.18	0
ILMN_1765668	IL20RB	NM_144717.2	1.1	6.6	1.06	8.14	1.11	9.01	1.21	10.48	0.1	0	-0.04	0
ILMN_1811468	IRX3	NM_024336.1	1.41	12.09	1.65	17.42	1.4	15.86	1.14	11.19	-0.26	0	0.24	0.14
ILMN_1755727	JARID1B	NM_006618.3	0.88	4.04	1.07	7.49	1.16	11.2	1.09	10.01	-0.07	0	0.19	0.02
ILMN_1687275	JUB	NM_032876.4	1.26	4.63	1.48	7.97	1.14	7.29	1.04	6.16	-0.1	0	0.22	0.01
ILMN_1700817	KIAA0774	NM_001033602.2	1.46	8.1	1.83	13.64	1.57	13.47	1.59	13.76	0.03	0	0.37	0.21
ILMN_1677347	KIAA0774	NM_015233.5	1.05	4.23	1.74	11.82	1.65	11.71	1.61	11.12	-0.04	0	0.69	1.23
ILMN_1678808	KIAA0831	NM_014924.3	0.14	0.06	1.52	6.55	1.08	6.31	0.85	3.98	-0.23	0	1.38	3.22
ILMN_2095273	KIAA1407	NM_020817.1	1.05	6.51	1.46	12.96	1.04	6.27	0.99	5.72	-0.05	0	0.4	0.54
ILMN_1695924	KLK11	NM_144947.1	1.07	7.66	1.27	12.31	1.22	15.23	1.23	15.38	0.01	0	0.2	0.06
ILMN_1666191	KLK13	NM_015596.1	1.1	4.32	1.29	7.52	1.27	12.51	0.88	6.41	-0.4	0.03	0.2	0.01
ILMN_1745570	KLK7	NM_005046.2	1.38	9.06	1.8	15.5	1.28	13.2	1.06	9.53	-0.22	0	0.42	0.5
ILMN_1735712	KRT1	NM_006121.3	2.26	10.43	3.26	19.13	3.24	29.43	2.71	22.82	-0.53	0	1	1.93
ILMN_1716093	KRT10	NM_000421.2	0.95	5	1.3	10.51	1.56	18.5	1.29	13.58	-0.27	0	0.35	0.29
ILMN_1721218	KRT13	NM_002274.3	1.3	9.43	1.75	16.5	1.66	20.51	1.54	18.12	-0.12	0	0.44	0.8
ILMN_1770612	KRT15	NM_002275.2	1.36	6.78	2.14	15.46	1.63	22.1	1.45	18.56	-0.17	0	0.78	1.79
ILMN_1736760	KRT16	NM_005557.2	1.63	9.59	1.04	6.41	1.85	19.38	1.55	14.62	-0.3	0	-0.59	0.98
ILMN_1730777	KRT19	NM_002276.3	0.65	2.75	1.23	10.38	1.03	11.62	0.75	6.62	-0.28	0	0.58	1.47
ILMN_1744765	KRT4	NM_002272.2	1.49	7.56	2.48	17.68	2.52	32.89	2.44	31.31	-0.08	0	0.99	2.97
ILMN_1752968	LAMB2	NM_002292.3	0.54	0.54	1.17	3.74	1.6	13.2	1.38	10.15	-0.22	0	0.63	0.31
ILMN_2053415	LDLR	NM_000527.2	0.31	0.84	1.64	17.28	0.55	3.18	1.14	12.31	0.59	1.21	1.33	9.83
ILMN_1785444	LEMD1	NM_001001552.3	0.72	2.74	1.34	10.04	1.44	11.08	0.87	4.43	-0.56	0.18	0.62	1.31
ILMN_1660624	LIMK2	NM_001031801.1	0.54	1.34	1.14	7.2	1.04	6.65	1.04	6.66	0	0	0.59	0.97
ILMN_1668194	LMTK3	XM_936372.2	0.71	3.54	1.67	15.72	1	6.78	1.01	6.89	0.01	0	0.96	4.83
ILMN_1693119	LOC130576	NM_177964.3	0.68	2.49	1.23	9.05	1.32	11.2	1.17	9	-0.15	0	0.55	0.97
ILMN_2278335	LOC441282	NM_001080538.1	0.71	2.23	1.09	6.55	1.07	9.58	0.72	4.64	-0.34	0	0.38	0.21
ILMN_1661078	LOC644844	XM_927939.2	0.74	1.31	1.27	5.14	1.33	9.9	0.82	3.97	-0.51	0.1	0.53	0.24
ILMN_1676712	LOC645553	XM_932965.2	0.35	0.37	1.1	5.08	1.18	3.82	1.24	4.24	0.06	0	0.75	1.1
ILMN_1653934	LOC650517	XR_019109.1	1	3.43	0.27	0.41	1.07	4.58	1.1	4.76	0.02	0	-0.73	1.19
ILMN_2064860	LOC653499	NM_001042507.1	1.09	7.3	1.01	8.52	1.46	17.72	1.27	14.01	-0.19	0	-0.08	0
ILMN_1658569	LOC728910	XM_001128786.1	1.15	4.38	0.71	2.57	1.17	10.76	1.19	11.08	0.02	0	-0.43	0.23
ILMN_1797704	LOC729252	XR_015937.1	1.42	4.67	0.97	3.26	1.33	8.41	1.18	6.75	-0.15	0	-0.45	0.14
ILMN_1722670	LYNX1	NM_177458.1	1.41	5.81	1.95	11.9	1.94	17.61	1.87	16.54	-0.07	0	0.54	0.43
ILMN_1719543	MAF	NM_005360.3	1.46	8.07	1.52	10.83	1.49	9.63	1.15	5.93	-0.35	0	0.06	0

ILMN_1663640	MAOA	NM_000240.2	1.12	5.84	1.87	14.96	1.11	9.12	0.82	5.28	-0.28	0	0.76	2.1
ILMN_1656285	METTL7A	NM_014033.3	0.83	1.15	2.08	8.5	2.05	16.61	1.78	13.11	-0.27	0	1.25	1.87
ILMN_1802027	MGST2	NM_002413.3	0.71	0.67	1.12	2.58	1.05	3.32	0.81	1.95	-0.24	0	0.42	0.03
ILMN_2073758	MMP12	NM_002426.2	2.14	6.13	2.95	12.36	2.38	10.4	1.05	2.17	-1.33	1.12	0.81	0.47
ILMN_1663873	MMP13	NM_002427.2	2.77	9.09	2.12	7.92	2.03	10.94	1.14	3.72	-0.89	0.34	-0.65	0.22
ILMN_1752952	MMP28	NM_024302.3	1.17	7.29	0.97	7.18	1.4	18.55	1.25	15.49	-0.15	0	-0.2	0.04
ILMN_2399016	MMP28	NM_001032278.1	1.07	8.44	1.04	10.32	1.3	17.14	1.07	12.38	-0.23	0	-0.03	0
ILMN_2148193	MPPED2	NM_001584.1	1.53	3.29	2.57	10.07	2.21	14.64	1.44	6.86	-0.77	0.26	1.04	0.93
ILMN_2124802	MT1H	NM_005951.2	0.66	1.75	1.06	5.8	0.85	4.28	1.26	8.94	0.41	0	0.4	0.22
ILMN_2125346	MUC16	NM_024690.2	1.12	4.3	1.73	10.84	1.62	11.85	1.59	11.41	-0.03	0	0.6	0.7
ILMN_2110908	MYC	NM_002467.3	0.89	1.87	1.17	4.35	1.96	13.42	1.58	9.27	-0.37	0	0.27	0.02
ILMN_1774617	NAB1	NM_005966.3	1.35	4.88	1.79	9.8	1.2	10.18	0.67	3.43	-0.53	0.26	0.44	0.16
ILMN_1796642	NCF2	NM_000433.2	0.73	1.76	1.85	11.29	1.63	11.03	1.5	9.47	-0.13	0	1.12	3.08
ILMN_2305225	NDRG4	NM_022910.1	2.37	7.38	2.83	11.94	3.01	16.71	2.29	10.58	-0.71	0	0.45	0.05
ILMN_1808824	NEBL	NM_006393.1	0.27	0.17	1.22	4.3	1.32	6.89	0.9	3.31	-0.42	0	0.95	1.21
ILMN_2162253	NMU	NM_006681.1	0.94	7.03	1.17	12.18	1	9.39	1.08	10.71	0.08	0	0.24	0.15
ILMN_1799589	NOXA1	NM_006647.1	1.13	4.16	1.54	9.09	1.27	13.18	1.34	14.25	0.07	0	0.42	0.2
ILMN_1747067	NPAS1	NM_002517.2	0.66	1.73	1.19	7	1.02	6.78	1.24	9.59	0.22	0	0.54	0.58
ILMN_1742151	NRG2	NM_013985.1	0.56	1.15	1.87	12.45	1.45	9.08	1.6	10.83	0.16	0	1.31	4.8
ILMN_1689318	NUAK1	NM_014840.2	1.23	6.81	1.12	7.75	1.21	9.99	1.28	10.91	0.07	0	-0.11	0
ILMN_2079786	NUAK1	NM_014840.2	1.17	5.69	1.31	8.79	0.96	9.03	1.06	10.83	0.11	0	0.14	0
ILMN_2410826	OAS1	NM_001032409.1	0.83	2.02	1.56	8.3	1.03	6.98	0.86	5.03	-0.16	0	0.73	0.94
ILMN_2116877	OLFM4	NM_006418.3	1.59	6.04	2.62	14.99	2.55	18.27	1.96	11.83	-0.59	0	1.03	1.98
ILMN_1761425	OLFML2A	NM_182487.2	1.07	5.84	1.57	12.81	1.4	13.11	1.29	11.34	-0.11	0	0.5	0.78
ILMN_1656482	OSBPL2	NM_144498.1	0.65	3.19	1.36	12.87	1.16	14.08	1.04	11.64	-0.12	0	0.7	2.78
ILMN_1724832	OVOL2	NM_021220.2	1.64	14.16	2.59	25.63	1.59	20.71	1.23	13.77	-0.36	0.02	0.95	5.61
ILMN_1810560	P8	NM_012385.1	0.78	2.33	1.17	6.55	1.41	8.63	1.62	10.96	0.21	0	0.39	0.18
ILMN_1710495	PAPLN	NM_173462.3	1.47	8.22	1.76	13.12	1.67	16.17	1.47	13.07	-0.2	0	0.29	0.09
ILMN_1784110	PCTK3	NM_212503.1	0.79	2.8	1.16	7.24	1.42	14.64	1.09	9.25	-0.33	0	0.36	0.19
ILMN_1729095	PDZD2	NM_178140.2	0.92	3.08	1.64	10.3	1.27	11.99	1.12	9.56	-0.15	0	0.71	1.18
ILMN_1780132	PELI2	NM_021255.2	0.92	2.28	1.6	8.11	1.24	8.42	1.01	5.69	-0.24	0	0.68	0.68
ILMN_1795285	PHF15	NM_015288.4	1.57	5.15	2.04	9.96	1.35	14.64	1.09	10.13	-0.26	0	0.47	0.13
ILMN_1746135	PHF23	NM_024297.2	0.56	1.02	1.1	5.25	1.13	6.48	1.05	5.63	-0.08	0	0.53	0.43
ILMN_1659106	PHLDA3	NM_012396.3	1.11	7.23	1.34	12.01	1.1	16.2	0.91	11.81	-0.19	0	0.23	0.08
ILMN_2179778	PHLDB2	NM_145753.1	1.33	4	0.55	1.04	1.03	5.43	1.23	7.6	0.2	0	-0.79	0.82
ILMN_1719986	PIK3IP1	NM_052880.3	1.52	9.34	2.9	22.75	2.28	14.91	2.39	15.93	0.11	0	1.38	6.94
ILMN_2383383	PIR	NM_001018109.1	0.5	1.68	1.07	8.72	1.14	15.72	1.07	13.96	-0.08	0	0.57	1.45
ILMN_1761247	PIR	NM_001018109.1	0.63	1.04	1.3	5.9	1.26	10.99	1.09	8.5	-0.17	0	0.67	0.63
ILMN_2093343	PLAC8	NM_016619.1	0.7	3.74	1.18	11.13	1.27	16.72	1.24	16.07	-0.03	0	0.48	1.19
ILMN_1798841	PLCXD3	NM_001005473.1	1.69	8.33	1.26	7	1.25	9.05	0.55	1.86	-0.69	0.73	-0.43	0.23
ILMN_1719696	PLD1	NM_002662.2	0.62	1.83	1.25	8.4	1.09	9.75	1.15	10.63	0.06	0	0.62	1.15
ILMN_1797557	PLEKHA6	NM_014935.2	0.21	0.22	1.41	10.57	1.25	9.68	1.22	9.32	-0.02	0	1.2	5.37
ILMN_1780671	PLEKHG3	NM_015549.1	0.64	1.98	1.21	8.24	1.34	12.16	1.16	9.43	-0.18	0	0.57	0.94
ILMN_1742330	PLXNB1	NM_002673.3	0.79	1.61	1.21	5.03	1.1	11.79	0.94	8.97	-0.16	0	0.42	0.11
ILMN_1678655	PNLIPRP3	NM_001011709.1	1.57	8.15	1.64	11.01	1.32	12.28	1.01	7.61	-0.31	0	0.07	0
ILMN_1687721	PROC	NM_000312.1	1.03	2.87	0.49	0.98	1.15	7.08	0.73	2.96	-0.42	0	-0.54	0.32
ILMN_1671365	PRODH	NM_016335.2	1.32	3.79	2.77	14.45	1.69	13.46	1.63	12.61	-0.06	0	1.45	3.49
ILMN_1761946	PROM2	NM_144707.1	0.84	5.42	1.27	12.54	1.1	14.65	0.99	12.23	-0.11	0	0.43	0.88
ILMN_2339835	PTGS1	NM_080591.1	0.59	1.73	1.23	8.53	0.97	8.42	1.01	8.93	0.03	0	0.64	1.31
ILMN_1676616	PTPRZ1	NM_002851.2	0.79	1.43	1.22	4.64	1.15	7.98	0.93	5.37	-0.22	0	0.43	0.1
ILMN_1731699	RAB15	NM_198686.1	0.49	0.64	1.01	3.89	1.3	6.45	1.03	4.15	-0.27	0	0.52	0.28
ILMN_1771688	RAB7B	NM_177403.3	1.89	8.62	1.22	5.76	1.45	15.24	1.32	12.96	-0.13	0	-0.67	0.75
ILMN_2206126	RAET1L	NM_130900.2	0.88	3.36	1.03	5.99	0.78	3.86	1.12	7.57	0.33	0	0.15	0
ILMN_1699856	RALGDS	NM_006266.2	0.7	2.17	1.74	12.52	1.26	13.48	1.2	12.2	-0.07	0	1.04	3.54
ILMN_2362902	RASSF5	NM_182664.2	0.47	1.37	1.88	16.76	1.28	10.71	1.04	7.39	-0.24	0	1.41	8.4
ILMN_1698484	RHOV	NM_133639.2	0.21	0.23	1.43	11.01	1.1	5.84	1.12	6	0.02	0	1.22	5.74
ILMN_1722726	RICS	NM_0147215.2	1.03	5.31	0.82	4.93	1.01	7.53	0.86	5.55	-0.15	0	-0.21	0.03
ILMN_1680018	RIPK4	NM_020639.2	1.01	3.17	1.82	10.75	2.02	18.2	1.71	13.8	-0.31	0	0.81	1.38
ILMN_1730223	RNF39	NM_170769.1	1.07	5.38	2.04	16.25	1.39	11.94	1.38	11.71	-0.01	0	0.97	3.57
ILMN_1753439	RPTN	XM_937200.2	1.69	11.3	1.52	12.23	2.34	19.74	1.71	11.79	-0.63	0.15	-0.18	0.02
ILMN_1687315	RXRA	NM_002957.3	0.85	4.9	1.02	8.56	1.44	21.9	1.31	18.8	-0.13	0	0.17	0.02
ILMN_1688780	S100A4	NM_019554.2	0.96	3.09	1.71	10.37	2.27	13.54	1.94	10.32	-0.33	0	0.75	1.21
ILMN_1684306	S100A4	NM_019554.2	0.98	3.95	1.44	9.68	1.73	9.8	1.44	7.03	-0.29	0	0.47	0.43
ILMN_1801216	S100P	NM_005980.2	0.75	2.5	1.2	7.64	1.19	7.38	0.94	4.78	-0.24	0	0.45	0.4

ILMN_1814305	SAMD9	NM_017654.2	1.21	5.88	0.98	5.56	1.05	7.16	0.69	3.18	-0.36	0	-0.23	0.03
ILMN_1654966	SCARA3	NM_182826.1	0.79	1.97	1.7	9.83	1.15	9.73	1.17	9.9	0.01	0	0.91	1.81
ILMN_1710325	SCEL	NM_144777.1	0.92	1.85	1.76	8.06	1.02	4.21	0.86	3.01	-0.16	0	0.85	0.95
ILMN_1655347	SCGB1A1	NM_003357.3	1.36	4.66	2.79	16.05	2.95	22.04	2.3	14.9	-0.65	0.04	1.43	4.05
ILMN_1713995	SCNN1A	NM_001038.4	1.26	6.93	2.73	21.25	1.76	17.95	1.7	16.89	-0.06	0	1.47	7.47
ILMN_2153837	SCNN1G	NM_001039.2	0.78	1.49	1.73	8.41	1.19	6.86	0.55	1.48	-0.64	0.26	0.95	1.47
ILMN_1705107	SDCBP2	NM_015685.4	1.25	7.11	1.73	13.82	2.11	18.71	1.65	12.56	-0.45	0	0.48	0.63
ILMN_2376822	SDCBP2	NM_015685.3	0.96	5.31	1.32	10.94	1.34	7.42	1.08	4.92	-0.26	0	0.35	0.31
ILMN_1700310	SDCBP2	NM_080489.3	1.12	4.93	1.33	8.54	1.33	6.62	1.11	4.7	-0.22	0	0.21	0.02
ILMN_1814494	SEMA6D	NM_153619.1	1.6	5.2	1.9	8.92	1.69	8.12	1.42	5.88	-0.27	0	0.3	0.02
ILMN_1789627	Sep 05	NM_002688.4	1.15	3.93	1.18	5.65	1.29	12.71	1.19	11.04	-0.1	0	0.04	0
ILMN_1719661	SEPX1	NM_016332.2	0.6	1.83	1.07	7.15	1.13	12.83	0.95	9.42	-0.18	0	0.47	0.57
ILMN_1769759	SERPINB13	NM_012397.2	1.33	7.88	1.96	16.05	1.1	12.67	1.09	12.41	-0.01	0	0.63	1.44
ILMN_1810025	SLC39A2	NM_014579.1	1.24	3.25	2.04	9.61	2.04	16.5	1.42	8.92	-0.62	0.14	0.79	0.73
ILMN_2114720	SLPI	NM_003064.2	0.84	1.02	1.14	2.81	1.71	7.12	1.59	6.23	-0.12	0	0.31	0.01
ILMN_1796349	SMPDL3A	NM_006714.2	0.86	2.11	1.52	7.86	1.03	5.99	0.96	5.23	-0.07	0	0.66	0.68
ILMN_1768282	SNX21	NM_001042632.1	0.99	2.75	1.24	5.59	1.31	13.36	0.96	7.74	-0.35	0	0.24	0.01
ILMN_1676099	SPON2	NM_012445.1	0.5	0.65	1.15	4.9	1.04	6.13	1.09	6.7	0.05	0	0.66	0.61
ILMN_1716591	SPRR1A	NM_005987.2	0.71	1.33	1.26	5.55	1.18	9.37	1.14	8.77	-0.04	0	0.55	0.33
ILMN_1867664	SPTLC3	NM_018327.2	1.15	4.74	1.35	8.02	1.18	8.02	1.39	10.75	0.22	0	0.19	0.01
ILMN_1663035	SREBF1	NM_001005291.1	0.49	1.28	1.38	10.7	1.11	8.72	0.79	4.56	-0.32	0	0.89	3.25
ILMN_1755234	SSH3	NM_017857.2	0.74	4.19	1.19	11.4	1.12	15.16	1.14	15.36	0.01	0	0.46	1.03
ILMN_1775486	SSPN	NM_005086.3	0.33	0.39	1.11	5.97	1.27	9.56	1.09	7.29	-0.17	0	0.78	1.55
ILMN_1658706	ST6GALNAC2	NM_006456.1	0.6	1.09	1.07	4.78	1.01	5.4	1.04	5.72	0.03	0	0.47	0.25
ILMN_2341254	STARD13	NM_178006.1	0.73	1.1	1.48	5.88	1.37	8.33	1.6	10.87	0.23	0	0.75	0.59
ILMN_1668592	STON1	NM_006873.2	0.79	1.3	1.59	6.64	1.05	4.73	1.12	5.37	0.07	0	0.8	0.74
ILMN_2315780	TACC2	NM_006997.2	1.13	8.01	1.45	13.86	1.01	7.82	0.8	5.11	-0.2	0	0.32	0.3
ILMN_1668351	TAF6	NM_139315.1	0.44	0.43	1.28	5.14	1.03	5.66	1.03	5.72	0.01	0	0.84	1.02
ILMN_2153679	TBC1D3B	NM_001001417.4	0.72	1.86	1.21	6.6	1.19	6.96	1.07	5.72	-0.12	0	0.49	0.38
ILMN_1726928	TCEA3	NM_003196.1	1.14	7.8	1.97	18.61	1.47	17.73	1.39	16.14	-0.08	0	0.83	3.63
ILMN_1784287	TGFBR3	NM_003243.2	0.93	4.74	2.37	20.04	1.39	18.24	1.16	13.5	-0.23	0	1.45	8.15
ILMN_1804663	THBS3	NM_007112.3	0.29	0.23	1.27	5.68	1.55	9.39	1.45	8.35	-0.09	0	0.97	1.79
ILMN_1701461	TIMP3	NM_000362.4	1.16	1.74	1.76	5.26	1.94	9.58	1.59	6.67	-0.35	0	0.6	0.12
ILMN_1683470	TMEM139	NM_153345.1	0.92	3.02	1.53	9.3	0.59	2.67	1.07	8.59	0.49	0.19	0.61	0.74
ILMN_1670672	TMEM37	NM_183240.2	0.86	2.43	1.66	9.7	1.33	9.29	0.66	2.45	-0.66	0.44	0.79	1.36
ILMN_1727689	TNFAIP2	NM_006291.2	1.03	2.03	1.56	5.97	1.58	10.69	1.24	6.92	-0.34	0	0.53	0.16
ILMN_1697409	TNFRSF14	NM_003820.2	1.31	5.88	1.62	10.36	1.21	10.69	1.24	11.01	0.03	0	0.3	0.07
ILMN_1685005	TNFRSF1A	NM_001065.2	0.94	4.51	1.23	9.11	1.28	15.84	1.06	11.41	-0.23	0	0.29	0.12
ILMN_1801307	TNFSF10	NM_003810.2	1.74	6.04	3.15	16.61	2.66	11.59	2.3	8.96	-0.36	0	1.42	3.34
ILMN_1667893	TNS3	NM_022748.10	1.46	13.16	1.95	20.97	1.21	15.81	1.11	13.73	-0.1	0	0.49	1.54
ILMN_1658469	TP53AP1	NM_007233.1	0.25	0.32	1.1	7.86	0.94	5.51	1.01	6.37	0.07	0	0.85	2.98
ILMN_2214197	TP53INP1	NM_033285.2	0.8	1.19	1.93	8.12	1.32	4.73	1.28	4.41	-0.05	0	1.13	1.6
ILMN_1779252	TRIM22	NM_006074.3	0.74	1.96	1.29	7.21	1.08	8.97	0.82	5.35	-0.26	0	0.55	0.52
ILMN_1748685	TRIM31	NM_007028.3	1.27	3.39	3.53	18.23	2.6	17.68	1.85	9.97	-0.75	0.14	2.26	7.47
ILMN_2376403	TSC22D3	NM_004089.3	0.83	3.35	1.52	11.41	0.96	6.3	1.36	11.87	0.41	0	0.69	1.61
ILMN_1748124	TSC22D3	NM_198057.2	0.53	1.05	1.12	6.25	0.79	4.63	1.08	8.21	0.28	0	0.6	0.78
ILMN_1695829	TTYH2	NM_032646.5	0.77	2.89	1.53	11.36	0.97	9.57	1.08	11.46	0.11	0	0.76	1.96
ILMN_1657679	VAV3	NM_006113.4	2.19	10.37	2.63	15.85	1.2	8.36	1.24	8.76	0.03	0	0.44	0.18
ILMN_2399463	VAV3	NM_006113.4	1.19	4.03	1.49	7.85	1.01	6.23	1.06	6.82	0.05	0	0.31	0.04
ILMN_1676413	VSNL1	NM_003385.4	1.17	7.28	1.76	15.45	1.25	15.89	1.11	13.08	-0.14	0	0.59	1.43
ILMN_1753101	VTCN1	NM_024626.2	0.39	0.56	1.24	7.25	1.29	9.53	1.05	6.63	-0.23	0	0.85	1.97
ILMN_1752755	VWF	NM_000552.3	1.51	5.1	2.56	13.72	2.45	18.57	2.32	17.04	-0.12	0	1.04	1.81
ILMN_1749398	WFDC11	NM_147197.2	0.62	1.62	1.94	13.81	1.86	16.76	1.32	9.35	-0.54	0.1	1.32	5.3
ILMN_1706612	WFDC2	NM_080736.1	0.43	0.8	1.26	8.2	1.35	9.43	0.86	4.01	-0.5	0.03	0.83	2.17
ILMN_1740415	WFDC3	NM_080614.1	0.98	2.52	2.23	12.34	1.97	13	1.61	9.07	-0.36	0	1.25	3.03
ILMN_2308903	WFDC3	NM_181522.1	1.54	5.51	2.94	16.57	2.58	15.46	2.38	13.49	-0.2	0	1.4	3.74
ILMN_1658426	WNT10A	NM_025216.2	0.9	2.82	1.41	8.04	1.13	6.99	0.92	4.69	-0.21	0	0.5	0.38
ILMN_1791147	YPEL3	NM_031477.4	1.05	3.02	1.93	10.65	1.69	10.26	1	3.88	-0.68	0.16	0.88	1.43
ILMN_1651365	ZBED2	NM_024508.3	1.34	11.11	0.64	4.8	1.18	15.47	1.38	19.67	0.2	0	-0.7	3.17
ILMN_2150258	ZFP36L2	NM_006887.3	1.03	1.24	1.59	4.12	1.67	10.53	1.04	4.37	-0.63	0.1	0.56	0.07
ILMN_1655748	ZNF323	NM_145909.2	1.06	5.37	1.55	12.01	1.31	10.51	1.02	6.64	-0.29	0	0.49	0.65
ILMN_1786722	ZNF385A	NM_015481.1	1.12	3.06	1.29	5.4	1.36	11.82	1.09	7.95	-0.27	0	0.17	0
ILMN_1779015	ZNF467	NM_207336.1	0.64	1.93	1.08	6.76	1.15	10.74	0.83	5.87	-0.32	0	0.44	0.4
ILMN_1679797	ADARB1	NM_001112.2	-1.29	11.98	-1.38	15.77	-1.13	17.83	-1.41	24.56	-0.28	0.02	-0.09	0

ILMN_1788462	AMD1	NM_001033059.1	-0.17	0.14	-1.09	6.44	-0.68	2.11	-1.03	4.82	-0.35	0	-0.92	2.66
ILMN_2215881	ARHGAP11B	NM_001039841.1	-0.88	2.89	-1.01	5.06	-1.1	5.74	-1.3	7.75	-0.19	0	-0.12	0
ILMN_1691410	BAMBI	NM_012342.2	-1.63	6.39	-2.55	14.66	-3.97	14.41	-2.03	4.28	1.93	1.4	-0.91	1.52
ILMN_2074258	BARD1	NM_000465.1	-0.35	0.53	-1.08	6.6	-0.98	5	-1.05	5.7	-0.07	0	-0.73	1.64
ILMN_1772446	C12orf34	NM_032829.1	-1.31	10.12	-1.31	12.59	-1.11	14.41	-1.15	15.09	-0.04	0	0	0
ILMN_1670263	C1orf71	NM_152609.1	-0.93	6.8	-1.08	10.84	-1.3	9.55	-1.37	10.38	-0.07	0	-0.15	0.03
ILMN_2384785	CCNE1	NM_057182.1	-0.36	0.75	-1.56	13.01	-0.58	2.92	-1.08	9.69	-0.51	0.34	-1.19	5.99
ILMN_1795852	CCNE1	NM_057182.1	-0.81	3.41	-1.54	12.03	-0.48	2.03	-1.07	9.55	-0.59	0.84	-0.73	1.96
ILMN_2374425	CCNE1	NM_001238.1	-0.72	1.44	-1.91	10.5	-0.56	2.91	-1.17	11.49	-0.61	1.06	-1.19	2.89
ILMN_2261784	CCNY	NM_145012.3	-1.11	6.83	-1.75	15.61	-1.48	9.63	-1.23	6.83	0.25	0	-0.64	1.85
ILMN_1810069	CCNYL1	NM_152523.1	-0.75	2.41	-1.08	6.29	-1.02	7.64	-1.06	8.16	-0.04	0	-0.33	0.11
ILMN_1689378	CCRN4L	NM_012118.2	-1.14	3.56	-1.57	8.14	-0.95	5.87	-1.13	8.01	-0.17	0	-0.44	0.16
ILMN_1748883	CDKN2D	NM_079421.2	-1.52	9.61	-1.38	10.65	-1.32	14.98	-1.23	13.23	0.09	0	0.14	0
ILMN_1742779	CENPL	NM_033319.1	-0.71	3.09	-1.03	7.82	-1.03	6.4	-0.88	4.72	0.15	0	-0.32	0.22
ILMN_1658504	CHKA	NM_212469.1	-0.88	5.78	-1.03	9.51	-0.96	14.23	-1.1	17.58	-0.14	0	-0.15	0.02
ILMN_2115125	CTGF	NM_001901.2	-1.82	8.16	-2.48	15.12	-1.08	5.61	-0.78	2.98	0.3	0	-0.66	0.73
ILMN_1699829	CTGF	NM_001901.1	-1.83	8.11	-2.56	15.46	-1.36	8.16	-1	4.63	0.35	0	-0.73	0.94
ILMN_1798210	E2F7	NM_203394.2	-0.54	0.76	-1.44	6.98	-1.1	6.01	-1.77	13.9	-0.67	0.33	-0.91	1.5
ILMN_1695719	EIF2C2	NM_012154.2	-2.02	7.35	-2.42	12.01	-1.24	4.79	-1.07	3.6	0.17	0	-0.4	0.06
ILMN_1735151	EIF5A2	NM_020390.5	-0.65	2.26	-1.16	8.24	-1.49	19.65	-1.45	18.6	0.05	0	-0.5	0.74
ILMN_1652913	EZH2	NM_004456.3	-1.57	6.32	-1.86	10.48	-1.11	5.51	-1.28	7.14	-0.17	0	-0.3	0.04
ILMN_1758672	FAM107B	NM_031453.2	-1.66	10.1	-2.34	18.3	-1.46	13.75	-1.38	12.32	0.09	0	-0.68	1.52
ILMN_1810725	FAM129A	NM_052966.2	-1.02	3.01	-1.78	9.94	-1.25	5.51	-0.83	2.44	0.42	0	-0.76	1.04
ILMN_1706015	FAM43A	NM_153690.4	-1.09	6.34	-0.95	6.8	-0.67	3.52	-1.17	10.16	-0.51	0.26	0.13	0
ILMN_1781943	FAM83D	NM_030919.2	-0.44	1.1	-1.06	7.79	-0.85	8	-1.12	13	-0.27	0	-0.62	1.52
ILMN_1710676	FBXO5	NM_012177.2	-0.68	2.8	-1.41	11.71	-1.11	10.58	-1.55	18.19	-0.44	0.13	-0.73	2.28
ILMN_1778064	FICD	NM_007076.2	-1.37	6.81	-1.79	12.48	-1.44	11.92	-1.5	12.63	-0.05	0	-0.41	0.27
ILMN_2130635	FOXRED2	NM_024955.4	-0.81	2.48	-1.14	6.25	-1.01	6.7	-0.8	4.21	0.22	0	-0.33	0.09
ILMN_2211003	GAS2L3	NM_174942.1	-1.48	5.83	-1.57	8.3	-1.53	11.62	-1.43	10.3	0.1	0	-0.08	0
ILMN_1708414	GNL3L	NM_019067.4	-1.77	7.98	-2.07	12.42	-1.08	4.29	-0.84	2.6	0.24	0	-0.3	0.04
ILMN_1779376	GSK3B	NM_002093.2	-0.79	3.71	-1.62	13.81	-1.2	8.86	-1.08	7.37	0.11	0	-0.82	3.05
ILMN_1694268	HES6	NM_018645.3	-0.94	4.88	-1.59	13.28	-0.99	9.12	-1.07	10.5	-0.08	0	-0.64	1.65
ILMN_2351466	HNT	NM_001048209.1	-1.06	4.34	-1.21	7.24	-1.26	7.87	-1.18	6.87	0.09	0	-0.15	0
ILMN_1839051			-1.15	2.82	-1.12	3.79	-1.06	4.39	-0.84	2.75	0.22	0	0.03	0
ILMN_1820295			-0.88	3.66	-1.33	9.53	-1.12	5.5	-1.05	4.89	0.07	0	-0.46	0.5
ILMN_1866216			-2.02	12.26	-2.06	15.24	-1.7	10.23	-1.48	7.96	0.22	0	-0.04	0
ILMN_1821280			-1.16	8.63	-1.15	10.76	-1.07	9.44	-1	8.31	0.07	0	0.01	0
ILMN_1881526			-1.15	3.14	-0.86	2.56	-1.11	4.83	-1.3	6.44	-0.18	0	0.29	0.02
ILMN_1904521			-1.75	5.37	-1.97	8.45	-1.71	7.14	-1.61	6.42	0.09	0	-0.22	0
ILMN_1838407			-1.07	3.22	-0.52	1.14	-1.29	9.96	-1.14	7.92	0.15	0	0.55	0.38
ILMN_1840401			-1.14	3.48	-1.22	5.37	-1.13	6.34	-0.52	1.34	0.61	0.19	-0.08	0
ILMN_1881909			-1.78	4.91	-2.89	12.83	-1.1	3.19	-1.52	5.95	-0.41	0	-1.12	1.37
ILMN_1712475	HS3ST2	NM_006043.1	-1.54	10.96	-3.23	27.23	-1.5	16.48	-1	8.22	0.5	0.26	-1.69	10.94
ILMN_1798181	IRF7	NM_004029.2	-1.22	7.87	-1.32	11.19	-1.12	9.31	-1.28	11.76	-0.16	0	-0.1	0
ILMN_1691747	KHDRBS3	NM_006558.1	-0.81	4.89	-1.36	13.18	-1.13	15.09	-1.06	13.59	0.06	0	-0.55	1.58
ILMN_1808508	KITLG	NM_000899.3	1.57	3.59	0.41	0.41	-0.85	1.91	-1.32	4.59	-0.47	0	-1.16	1.31
ILMN_1701648	KLHL15	NM_030624.1	-1.01	5.02	-1.1	7.65	-2.64	43.87	-2.26	36.5	0.38	0.13	-0.09	0
ILMN_1664089	LOC286076	NM_001024610.1	-0.8	2.39	-1.13	6.06	-1.31	11.54	-1.12	8.64	0.2	0	-0.33	0.09
ILMN_1703337	LOC441763	XM_930284.1	-2.68	4.2	-3.4	8.2	-1.86	2.96	-1.93	3.22	-0.08	0	-0.72	0.05
ILMN_1755910	LOC648366	XM_497707.2	-0.78	3.46	-1.2	9.29	-1.28	9.74	-1.02	6.5	0.25	0	-0.42	0.5
ILMN_1665332	LOC653157	XM_926258.1	-1.2	5.45	-1.02	5.64	-1.29	6.98	-1.27	6.85	0.01	0	0.18	0.01
ILMN_1660942	LOC653352	XM_934316.1	-1.21	3.72	-1.37	6.15	-1.26	7.68	-1	5	0.26	0	-0.15	0
ILMN_1717060	LOC654342	XM_946374.1	-0.74	2.85	-1.1	7.52	-1.03	8.46	-0.72	4.37	0.3	0	-0.36	0.23
ILMN_1808591	LOC731049	XM_001129232.1	-0.85	1.56	-1.38	5.48	-0.91	5.79	-1	6.93	-0.09	0	-0.54	0.21
ILMN_1655796	Mrz 03	XM_001127871.1	-0.57	1.86	-1.18	8.96	-1.47	18.06	-1.71	22.54	-0.24	0	-0.61	1.42
ILMN_2413898	MCM10	NM_018518.3	-0.57	1.15	-1.66	10.38	-1.36	8.85	-1.87	15.12	-0.5	0.02	-1.09	3.18
ILMN_1708006	MICB	NM_005931.2	-1.1	8.76	-0.76	6.5	-1.08	13.02	-0.92	9.79	0.16	0	0.34	0.52
ILMN_1667162	NKX3-1	NM_006167.2	-1.51	5.98	-1.48	7.62	-0.88	5.12	-1.18	8.83	-0.3	0	0.03	0
ILMN_1746317	NUPL1	NM_001008565.1	-1.53	7.41	-1.66	10.6	-1.18	7.09	-0.99	5.1	0.19	0	-0.12	0
ILMN_2378316	NUPL1	NM_014089.3	-1.26	10.76	-1.46	15.7	-1	8.43	-0.87	6.56	0.13	0	-0.2	0.07
ILMN_1749846	OMD	NM_005014.1	-0.88	3.5	-1.11	7.09	-1.19	7.07	-1.18	6.98	0.01	0	-0.24	0.04
ILMN_1731070	ORC6L	NM_014321.2	-0.81	2.86	-1.2	7.61	-1.3	10.43	-1.27	9.96	0.03	0	-0.39	0.25
ILMN_1781966	OSBP2	NM_030758.3	-1.15	6.9	-1.54	13.08	-1.03	7.51	-0.84	5.04	0.2	0	-0.39	0.43
ILMN_1694041	PDCL	NM_005388.3	-1.41	5.07	-1.27	5.72	-1.02	6.24	-1.14	7.63	-0.12	0	0.14	0

ILMN_2410924	PLOD2	NM_000935.2	-1.34	3.24	-1.36	4.55	-1.48	8.74	-1.71	11.21	-0.23	0	-0.01	0
ILMN_1734276	PMEPA1	NM_199169.1	-0.01	0.01	-3.34	28.6	-1.21	12.54	-1.76	22.46	-0.54	0.62	-3.33	24.18
ILMN_2309156	PMEPA1	NM_199169.1	-0.19	0.2	-3.69	28.39	-0.93	5.53	-1.29	10.09	-0.36	0	-3.5	23.23
ILMN_2346997	RAB23	NM_016277.3	-0.83	6.38	-1.3	14.61	-1.15	14.05	-1.23	15.56	-0.08	0	-0.46	1.49
ILMN_1748578	RAD21	NM_006265.1	-1.81	7.03	-2.21	11.92	-0.99	3.18	-1.03	3.5	-0.05	0	-0.41	0.1
ILMN_1659206	RARA	NM_000964.2	-1.18	7.03	-1.08	8.11	-1.27	18.42	-1.13	15.17	0.14	0	0.09	0
ILMN_1682875	RBM4	XM_945488.1	-1.29	9.18	-1.28	11.4	-1.01	8.18	-0.89	6.48	0.12	0	0.01	0
ILMN_1710738	RC3H2	NM_018835.1	-1.12	3.51	-0.95	3.66	-1.1	4.9	-1.12	5.08	-0.02	0	0.16	0
ILMN_1704056	RPPH1	NR_002312.1	-1.31	5.28	-1.15	5.78	-0.88	5.53	-1.25	10.57	-0.37	0	0.15	0
ILMN_1690064	RUNDC2C	NR_002939.2	-1.98	13.08	-2.04	16.26	-1.07	4.76	-0.72	2.18	0.35	0	-0.05	0
ILMN_1721842	RYBP	NM_012234.4	-1.41	5.63	-1.67	9.43	-1.76	9.26	-1.6	7.82	0.15	0	-0.25	0.02
ILMN_1776077	SF1	NM_201997.1	-2.66	14.29	-2.59	16.64	-1.09	4.81	-0.92	3.46	0.17	0	0.07	0
ILMN_1753353	SLBP	NM_006527.2	-0.63	2.35	-1.1	8.35	-0.73	5.87	-1.02	10.68	-0.29	0	-0.47	0.74
ILMN_1666553	SLC25A19	NM_021734.3	-1.23	4.42	-1.37	6.99	-1.16	5.98	-1.39	8.43	-0.24	0	-0.13	0
ILMN_1687958	SLC25A22	NM_024698.4	-1.64	7.4	-1.96	12	-1.06	6.86	-1.14	7.73	-0.07	0	-0.32	0.06
ILMN_1791728	SLC25A25	NM_052901.2	-1.15	7.12	-1.21	9.94	-1.11	14.13	-1.09	13.55	0.02	0	-0.07	0
ILMN_1704446	SLC6A10P	NR_003083.2	-1.21	3.64	-1.33	5.81	-1.13	11.14	-0.98	8.61	0.15	0	-0.12	0
ILMN_1676449	SLIT2	NM_004787.1	-1.46	5.6	-1.81	10	-1.02	7.06	-0.96	6.29	0.06	0	-0.35	0.06
ILMN_2096747	SNORA33	NR_002436.1	-0.85	4.41	-1.26	10.65	-1.51	16.07	-1.28	12.19	0.23	0	-0.42	0.57
ILMN_2145997	SP4	NM_003112.3	-0.83	2.35	-1.19	6.18	-1.04	4.82	-1.3	7.35	-0.26	0	-0.36	0.11
ILMN_1656287	SPOCK2	NM_014767.1	-1.14	6.13	-0.49	1.87	-1.53	15.45	-0.98	7.16	0.54	0.33	0.65	1.48
ILMN_1728699	SPTY2D1	NM_194285.2	-1.14	6.02	-1.23	8.84	-1.12	11.4	-1.03	9.79	0.09	0	-0.09	0
ILMN_1721024	SRFBP1	NM_152546.1	-0.42	0.7	-1.24	7.52	-0.97	6.29	-1.16	8.7	-0.19	0	-0.82	1.9
ILMN_1657701	TMEM137	XR_017971.1	-1.73	6.63	-1.24	5.15	-1.25	5.54	-0.78	2.21	0.46	0	0.49	0.21
ILMN_1758418	TNFSF13B	NM_006573.3	-1.01	5.13	-0.99	6.65	-1.07	15.46	-1.06	15.02	0.01	0	0.02	0
ILMN_1736939	UGCG	NM_003358.1	-1.21	5.74	-1.22	7.6	-1.14	4.72	-1.14	4.72	0	0	0	0
ILMN_1786065	UHRF1	NM_001048201.1	0.35	0.45	-1.05	5.39	-0.34	0.89	-1.19	10.2	-0.85	2.61	-1.4	5.31
ILMN_1737254	USP1	NM_003368.4	-0.23	0.24	-1.02	5.97	-1.31	5.57	-1.36	5.92	-0.04	0	-0.79	1.94
ILMN_1667295	VASN	NM_138440.2	-2.33	11.94	-3.02	19.08	-1.71	24.48	-1.85	27.33	-0.15	0	-0.69	0.89
ILMN_1757497	VGF	NM_003378.2	-0.71	3.58	-1.15	10.05	-0.76	6.26	-1.03	10.69	-0.26	0	-0.43	0.74
ILMN_1802894	VKORC1L1	NM_173517.3	-0.88	4.65	-1.41	12.03	-1.02	7.61	-0.93	6.33	0.1	0	-0.53	1.08
ILMN_1693669	WDR79	NM_018081.1	-0.83	3.13	-1.13	7.19	-1.02	6.15	-0.91	4.94	0.11	0	-0.3	0.1
ILMN_1763364	WHDC1	NM_001080435.1	-1.55	9.3	-1.51	11.28	-1.51	10.41	-1.5	10.21	0.01	0	0.04	0
ILMN_2309926	ZDHHC14	NM_024630.2	-0.68	1.91	-1.13	6.63	-1.21	11.06	-1.23	11.23	-0.01	0	-0.45	0.36
ILMN_1703053	ZFP91	NM_053023.3	-1.15	3.45	-1.22	5.24	-1.01	3.5	-0.94	3.01	0.08	0	-0.07	0
ILMN_1795435	ZNF264	NM_003417.3	-1.24	4.86	-0.82	3.24	-1.37	7.95	-1.13	5.49	0.25	0	0.42	0.19
ILMN_1757742	ZRANB1	NM_017580.2	-0.89	2.56	-1.17	5.77	-1	6.73	-1.03	7.12	-0.03	0	-0.28	0.04
ILMN_1672022	EPHA4	NM_004438.3	1.2	5.58	0.17	0.22	1.63	13.2	1.23	7.97	-0.41	0	-1.04	3.39
ILMN_2129572	F3	NM_001993.2	-0.73	1.58	-1.06	4.59	1.22	6.19	1.27	6.64	0.05	0	-0.33	0.06
ILMN_1719792	PHLDB2	NM_145753.1	1.86	5.28	0.81	1.6	1.03	4.7	1.31	7.32	0.28	0	-1.05	1.15
ILMN_1785699	PTHLH	NM_198964.1	1.64	11.3	0.19	0.37	1.19	12.34	0.74	5.28	-0.44	0.19	-1.45	8.3
ILMN_1686116	THBS1	NM_003246.2	1.65	4.58	0.43	0.52	1.39	4.5	1.43	4.78	0.04	0	-1.22	1.82
ILMN_1658094	ZNF365	NM_014951.2	1.36	7.08	0.22	0.37	1.02	7.7	0.68	3.48	-0.35	0	-1.14	4.27
ILMN_1665832	ID1	NM_181353.1	1.11	3.52	1.61	8.67	2.75	32.89	1.62	15.11	-1.13	4.87	0.5	0.29
ILMN_1669233	LOC401677	XM_941301.1	1.04	6.61	0.94	7.47	-1.37	17.51	-1.37	17.3	0.01	0	-0.09	0
ILMN_2407235	LOC402057	NM_001080499.1	1.27	3.33	1.51	6.17	-1.83	12.41	-1.69	10.76	0.14	0	0.25	0.01
ILMN_1716601	LOC441032	XM_933495.1	1.58	7.19	1.34	7.28	-2.29	24.09	-2.03	20.06	0.26	0	-0.25	0.02
ILMN_1663415	LOC641750	XM_935596.1	1.12	4.74	1.17	6.77	-2.44	31.19	-2.58	33.19	-0.13	0	0.05	0
ILMN_1670932	LOC645737	XM_930508.1	0.9	2.11	1.02	3.78	-1.72	15.9	-1.82	17.33	-0.1	0	0.12	0
ILMN_1695899	LOC648659	XM_944469.1	0.79	2.32	1.13	6.1	-0.99	6.63	-1.07	7.69	-0.08	0	0.34	0.11
ILMN_1685985	LOC649150	XR_019269.1	1.69	6.68	1.49	7.23	-2.31	25.06	-2.27	24.32	0.04	0	-0.2	0
ILMN_1660477	LOC652608	XM_942140.1	1	3.18	1	4.38	-1.18	8.45	-1.12	7.6	0.07	0	0	0
ILMN_1768035	MMP12	NM_002426.2	1.69	2.38	2.25	5.56	1.76	5.93	0.49	0.47	-1.27	0.88	0.56	0.04
ILMN_1708611	RDX	NM_002906.3	1.11	2.12	0.44	0.51	-0.48	0.99	-1.03	4.7	-0.55	0.03	-0.67	0.31
ILMN_1805064	SCARNA9	NR_002569.1	1.05	4.01	0.61	2.05	-2.17	11.55	-2.08	10.71	0.09	0	-0.44	0.27
ILMN_2373010	TMEM70	NM_017866.4	1.08	3.37	1.22	5.64	-1.35	10.05	-1.33	9.82	0.02	0	0.13	0
ILMN_2222688	TMSB4X	NM_021109.2	1.19	4.64	1.05	5.09	-1.72	29.23	-1.64	27.1	0.09	0	-0.14	0