

**Supplemental Table 2. Probes with >two-fold difference in all of the three ALDH sorted pairs.**

Reported Id	Gene.Symbo	Accession	LocusLink	R_001_N	R_002_N	R_003_N	mean.dif (log2)
ILMN_1656057	PLAU	NM_002658.2	5328	4.676	5.3636	6.6754	5.572
ILMN_1810289	FER1L3	NM_133337.1	26509	5.0875	5.7521	4.9121	5.251
ILMN_2396875	IGFBP3	NM_001013398.1	3486	4.1606	4.3597	6.515	5.012
ILMN_1705814	KRT80	NM_182507.2	144501	5.1433	4.9273	4.5484	4.873
ILMN_1746085	IGFBP3	NM_000598.4	3486	4.2529	3.9945	6.0999	4.782
ILMN_1706519	LAMC2	NM_018891.1	3918	4.155	4.9448	4.8635	4.654
ILMN_1653824	LAMC2	NM_005562.1	3918	4.3512	4.255	5.3512	4.652
ILMN_1759513	RND3	NM_005168.3	390	3.7724	5.1185	5.0266	4.639
ILMN_1730777	KRT19	NM_002276.3	3880	5.0448	4.8048	4.0082	4.619
ILMN_2406035	LAMA3	NM_198129.1	3909	5.4519	4.152	4.2232	4.609
ILMN_1739001	TACSTD2	NM_002353.1	4070	4.6573	5.0676	3.9347	4.553
ILMN_1770653	MAL2	NM_052886.2	114569	5.2651	5.1859	3.1941	4.548
ILMN_1785404	FGFBP1	NM_005130.3	9982	4.431	4.6308	4.3942	4.485
ILMN_1785330	SH3BP4	NM_014521.2	23677	4.0863	5.3096	4.0517	4.483
ILMN_1772131	IL1R2	NM_173343.1	7850	3.9738	4.97	4.4931	4.479
ILMN_1665792	ITGA2	NM_002203.3	3673	4.3543	3.1562	5.7376	4.416
ILMN_2189027	LIPG	NM_006033.2	9388	4.5875	4.1695	4.4806	4.413
ILMN_1763638	BCAR3	NM_003567.2	8412	3.4223	4.3568	5.3693	4.383
ILMN_2114720	SLPI	NM_003064.2	6590	3.6358	4.4506	4.7725	4.286
ILMN_1668411	FHL2	NM_201557.2	2274	5.4054	3.0559	4.3591	4.273
ILMN_1685403	MMP7	NM_002423.3	4316	6.2454	3.2652	3.3012	4.271
ILMN_1769201	ELF3	NM_004433.3	1999	4.4918	4.3259	3.9774	4.265
ILMN_1724686	CLDN1	NM_021101.3	9076	5.3911	4.0634	3.3387	4.264
ILMN_2163723	KRT7	NM_005556.3	3855	4.6852	3.6235	4.4066	4.238
ILMN_2192072	MMP7	NM_002423.3	4316	6.1997	3.2734	3.2137	4.229
ILMN_2235851	LINC1	NM_001080535.1	93082	3.5476	5.3331	3.7994	4.227
ILMN_1701424	LAMC2	NM_005562.1	3918	4.7785	3.6117	4.2388	4.210
ILMN_1811364	SGPP2	XM_938742.1	130367	2.3088	5.1549	5.052	4.172
ILMN_2186061	PFKFB3	NM_004566.2	5209	1.3972	3.9299	6.9621	4.096
ILMN_1692223	LCN2	NM_005564.3	3934	3.8048	3.6676	4.7348	4.069
ILMN_1694778	LOC646723	XR_017241.1	646723	5.2624	3.3574	3.4785	4.033
ILMN_2355831	FHL2	NM_201555.1	2274	4.7819	2.7785	4.4828	4.014
ILMN_1724941	CDCP1	NM_022842.3	64866	2.9539	4.7893	4.2072	3.983
ILMN_1806607	SFN	NM_006142.3	2810	4.0688	3.6834	4.1636	3.972
ILMN_1682599	GPRC5A	NM_003979.3	9052	3.098	4.6448	4.1636	3.969
ILMN_1699651	IL6	NM_000600.1	3569	3.1707	3.6383	4.8831	3.897
ILMN_2324421	TXNRD1	NM_182743.1	7296	2.7729	3.9602	4.8339	3.856
ILMN_1685574	TSC22D2	NM_014779.2	9819	2.3809	4.6722	4.4876	3.847
ILMN_1752502	HKDC1	NM_025130.2	80201	3.8121	4.5928	3.0914	3.832
ILMN_1757387	UCHL1	NM_004181.3	7345	3.5642	3.9198	4.005	3.830
ILMN_1703593	BAIAP2L1	NM_018842.3	55971	3.4455	3.662	4.3475	3.818
ILMN_1673566	ADAMTS1	NM_006988.3	9510	3.8969	2.7198	4.7793	3.799
ILMN_2128639	C10orf47	NM_153256.2	254427	3.621	4.3918	3.3792	3.797
ILMN_1691499	TJP1	NM_003257.3	7082	3.3571	4.2273	3.7928	3.792
ILMN_1715684	LAMB3	NM_000228.2	3914	4.3929	2.8995	4.0823	3.792
ILMN_1735461	DDX21	NM_004728.2	9188	2.6482	5.1136	3.5705	3.777
ILMN_1753370	ABTB2	NM_145804.1	25841	2.453	4.8106	4.0513	3.772
ILMN_1661755	FAM129B	NM_022833.2	64855	2.9493	2.8958	5.447	3.764
ILMN_2311537	HMGA1	NM_145899.1	3159	3.062	3.715	4.4847	3.754
ILMN_2139970	ALDH1A3	NM_000693.1	220	2.7334	4.0767	4.4358	3.749
ILMN_1769282	FRMD6	NM_152330.2	122786	3.4188	4.4773	3.3376	3.745
ILMN_2364521	AXL	NM_021913.2	558	3.3513	3.1196	4.5682	3.680
ILMN_1734276	TMEPAI	NM_199169.1	56937	3.166	4.3546	3.5074	3.676
ILMN_1771841	FOSL1	NM_005438.2	8061	2.9636	3.0251	5.0051	3.665
ILMN_1678842	THBS2	NM_003247.2	7058	3.7116	2.5895	4.672	3.658
ILMN_1796925	CXADR	NM_001338.3	1525	4.0041	3.0926	3.8544	3.650
ILMN_1725852	S100A2	NM_005978.3	6273	3.5404	4.618	2.7722	3.644
ILMN_1690170	CRABP2	NM_001878.2	1382	2.2423	4.9553	3.7319	3.643
ILMN_2408576	FAM129B	NM_001035534.1	64855	2.5596	4.6119	3.7146	3.629
ILMN_1793934	PISD	NM_014338.3	23761	1.3429	5.0424	4.4966	3.627
ILMN_1683859	SLC7A1	NM_003045.3	6541	1.775	4.9136	4.1371	3.609
ILMN_1779706	TP53BP2	NM_001031685.2	7159	2.2561	3.515	5.0229	3.598
ILMN_1684836	AKAP12	NM_144497.1	9590	2.7427	3.2781	4.7508	3.591
ILMN_1708340	DAPK1	NM_004938.2	1612	3.7926	3.162	3.8115	3.589
ILMN_2094952	NUAK2	NM_030952.1	81788	2.1191	3.9048	4.6818	3.569
ILMN_2408543	PLAUR	NM_002659.2	5329	1.8524	4.5869	4.2133	3.551
ILMN_1719759	TNC	NM_002160.2	3371	3.5349	3.0546	4.0069	3.532
ILMN_2409167	ANXA2	NM_001002858.1	302	3.1959	3.1118	4.286	3.531
ILMN_1711899	ANXA2	NM_001002857.1	302	1.8513	4.5643	4.177	3.531
ILMN_1808789	MYO5C	NM_018728.2	55930	3.3681	3.7967	3.3586	3.508
ILMN_2309156	TMEPAI	NM_199169.1	56937	2.9775	3.9236	3.6154	3.506
ILMN_2136446	CTNNA1	NM_003798.1	8727	2.1232	4.4672	3.8854	3.492
ILMN_2220184	GFPT1	NM_002056.1	2673	2.1433	4.4903	3.7676	3.467
ILMN_2412336	AKR1C2	NM_001354.4	1646	3.3846	4.388	2.6281	3.467
ILMN_1698666	CST6	NM_001323.2	1474	3.9296	3.0198	3.4289	3.459
ILMN_1669046	FOXQ1	NM_033260.3	94234	4.3715	3.5336	2.4626	3.456
ILMN_1725946	IRF6	NM_006147.2	3664	2.2106	4.2559	3.8884	3.452
ILMN_1735220	CAV2	NM_001233.3	858	3.2372	3.6625	3.4484	3.449
ILMN_1811470	PLEK2	NM_016445.1	26499	3.1152	3.707	3.4808	3.434
ILMN_1806907	PAWR	NM_002583.2	5074	2.7041	3.3741	4.2241	3.434
ILMN_1723486	HK2	NM_000189.4	3099	1.4004	4.3647	4.4327	3.399
ILMN_1805466	SOX9	NM_000346.2	6662	3.663	2.6844	3.817	3.388
ILMN_2347622	TRIM55	NM_184086.1	84675	3.0341	2.5014	4.6175	3.384
ILMN_1699354	EPHA2	NM_004431.2	1969	2.5682	3.979	3.5802	3.376
ILMN_1745076	CLINT1	NM_014666.2	9685	1.4134	5.3742	3.3084	3.365
ILMN_1814799	S100A13	NM_001024212.1	6284	3.9864	3.9704	2.13	3.362

ILMN_1727080	MYO6	NM_004999.3	4646	2.6221	4.2678	3.1931	3.361
ILMN_1746465	FJX1	NM_014344.2	24147	2.8091	3.7403	3.5141	3.355
ILMN_2089329	SPRY2	NM_005842.2	10253	2.6522	3.5943	3.8073	3.351
ILMN_1689431	APCDD1L	NM_153360.1	164284	1.9484	4.0702	4.0192	3.346
ILMN_1688892	LAMA3	NM_198129.1	3909	5.0266	1.7428	3.2444	3.338
ILMN_2190414	ZNF83	NM_018300.2	55769	2.1738	4.3339	3.4883	3.332
ILMN_2184612	C3orf52	NM_024616.1	79669	2.7238	3.3603	3.8985	3.328
ILMN_2308849	MYADM	NM_001020820.1	91663	1.0683	2.7431	6.1647	3.325
ILMN_1785170	ARMCX2	NM_177949.1	9823	2.2203	4.1148	3.6319	3.322
ILMN_2331231	TNFRSF6B	NM_032945.2	8771	2.934	2.7905	4.2228	3.316
ILMN_1779031	ZPLD1	NM_175056.1	131368	4.2163	2.5251	3.1801	3.307
ILMN_1779234	CXCL6	NM_002993.2	6372	2.2898	3.563	4.0304	3.294
ILMN_1706483	C1orf116	NM_023938.5	79098	5.0259	2.2474	2.6074	3.294
ILMN_2073446	C1orf116	NM_023938.4	79098	4.5026	1.4859	3.8903	3.293
ILMN_1801205	GPNMB	NM_001005340.1	10457	3.3638	3.0717	3.3766	3.271
ILMN_1730670	FSTL3	NM_005860.2	10272	3.0282	2.7907	3.9846	3.268
ILMN_1750338	C10orf47	NM_153256.2	254427	3.485	2.4336	3.8752	3.265
ILMN_1685176	SGMS2	NM_152621.4	166929	2.7776	3.7737	3.2322	3.261
ILMN_1717381	HOXD1	NM_024501.1	3231	3.1204	3.5055	3.1545	3.260
ILMN_1655429	TNFAIP1	NM_021137.3	7126	1.6341	4.0922	4.043	3.256
ILMN_1739496	PRRX1	NM_006902.3	5396	3.7596	2.2659	3.7292	3.252
ILMN_2324056	GNL3	NM_206826.1	26354	1.3503	4.3058	4.063	3.240
ILMN_2137789	KLF4	NM_004235.3	9314	2.9181	3.9037	2.8875	3.236
ILMN_1798458	KIAA1026	NM_001018000.2	23254	2.5707	3.6061	3.5199	3.232
ILMN_1715748	FLNC	NM_001458.3	2318	2.2393	2.2004	5.2233	3.221
ILMN_1745954	CORO1C	NM_014325.2	23603	2.6476	3.4839	3.5253	3.219
ILMN_2348788	CD44	NM_001001392.1	960	1.7764	3.9484	3.9145	3.213
ILMN_1787897	CXCL1	NM_001511.1	2919	2.2538	3.1253	4.2491	3.209
ILMN_1680874	TUBB2B	NM_178012.3	347733	4.3543	2.6366	2.6342	3.208
ILMN_1707156	LRRFIP2	NM_017724.1	9209	2.0084	4.5027	3.0916	3.201
ILMN_1678919	YOD1	NM_018566.3	55432	2.6137	3.8261	3.1559	3.199
ILMN_1671404	SVIL	NM_003174.3	6840	2.2209	2.4745	4.8896	3.195
ILMN_1664855	PPP1R14C	NM_030949.2	81706	4.0807	3.2043	2.2771	3.187
ILMN_1770940	CDH1	NM_004360.2	999	4.3207	2.6085	2.5684	3.166
ILMN_1790689	CRISPLD2	NM_031476.2	83716	2.0589	3.8469	3.5314	3.146
ILMN_1754600	FNBP1L	NM_001024948.1	54874	2.9972	3.4183	3.0157	3.144
ILMN_1784294	CPA4	NM_016352.2	51200	4.7391	3.2419	1.4218	3.134
ILMN_1715273	PICALM	NM_007166.2	8301	2.3082	4.6673	2.42	3.132
ILMN_1807439	ALDH1A3	NM_000693.2	220	2.4218	3.3731	3.574	3.123
ILMN_1658619	WWC1	NM_015238.1	23286	4.4225	3.5156	1.4265	3.122
ILMN_1683598	ACSL4	NM_004458.1	2182	2.3102	3.2017	3.8495	3.120
ILMN_1664978	TJP2	NM_201629.1	9414	2.741	4.3459	2.2657	3.118
ILMN_2041101	ANXA2P1	NM_001562.1	303	3.1982	2.8743	3.2692	3.114
ILMN_2156172	HK2	NM_000189.4	3099	1.3456	4.3174	3.6702	3.111
ILMN_2341611	CDCP1	NM_178181.1	64866	2.3337	3.1939	3.7996	3.109
ILMN_2317923	TMEM132A	NM_178031.2	54972	2.1782	3.1889	3.9564	3.108
ILMN_1801616	EMP1	NM_001423.1	2012	2.5221	2.7893	3.9767	3.096
ILMN_1693620	PGM3	NM_015599.1	5238	1.6435	4.1397	3.5005	3.095
ILMN_1747759	WSB1	NM_134264.2	26118	1.0455	4.2129	4.0123	3.090
ILMN_1702712	TRIM55	NM_184085.1	84675	2.4334	3.6117	3.195	3.080
ILMN_1808587	ATBF1	NM_006885.3	463	1.9902	3.5108	3.7378	3.080
ILMN_1677432	SRGAP1	NM_020762.1	57522	1.8892	3.4873	3.8612	3.079
ILMN_1753143	RHPN2	NM_033103.3	85415	4.435	2.5663	2.2148	3.072
ILMN_1750722	RPS7	NM_001011.3	6201	2.655	4.7715	1.7746	3.067
ILMN_1671971	LOC644743	XR_016703.1	644743	2.669	3.6585	2.8711	3.066
ILMN_1752935	TMEM30B	NM_001017970.2	161291	2.5788	3.2596	3.3578	3.065
ILMN_1735499	DCBLD2	NM_080927.3	131566	3.8219	2.8315	2.4759	3.043
ILMN_1808011	FAM46B	NM_052943.2	115572	2.9559	3.3231	2.8477	3.042
ILMN_2188264	CYR61	NM_001554.3	3491	3.8003	2.7321	2.5873	3.040
ILMN_1740571	LOC647859	XM_001130815.1	647859	3.1095	2.5181	3.444	3.024
ILMN_1789702	GBE1	NM_000158.2	2632	2.1969	4.2498	2.5992	3.015
ILMN_2374340	PLAUR	NM_001005376.1	5329	1.9864	2.6483	4.4028	3.013
ILMN_1682738	SMAD3	NM_005902.3	4088	1.1109	3.3629	4.4657	2.980
ILMN_1736670	PPP1R3C	NM_005398.4	5507	1.8328	3.8236	3.2739	2.977
ILMN_1706094	HECTD1	NM_015382.1	25831	2.2268	3.2727	3.418	2.973
ILMN_1673522	MOCOS	NM_017947.1	55034	2.9063	3.2633	2.7214	2.964
ILMN_1659027	SLC2A1	NM_006516.1	6513	1.9353	3.1395	3.808	2.961
ILMN_1689004	TNFRSF12A	NM_016639.1	51330	3.9642	2.4662	2.4523	2.961
ILMN_2161577	CXCL6	NM_002993.2	6372	1.555	2.9193	4.3923	2.956
ILMN_1779517	RASEF	NM_152573.2	158158	2.8103	2.982	3.0666	2.953
ILMN_2149226	CAV1	NM_001753.3	857	2.1281	2.016	4.7044	2.950
ILMN_1705750	TGM2	NM_004613.2	7052	3.3601	2.9001	2.5737	2.945
ILMN_2070072	RPS7	NM_001011.3	6201	2.6564	4.2665	1.9052	2.943
ILMN_2179083	LOXL4	NM_032211.6	84171	2.9016	3.5639	2.3573	2.941
ILMN_1760412	TMEM46	NM_001007538.1	387914	3.0256	2.5246	3.2719	2.941
ILMN_2405521	MTHFD2	NM_001040409.1	10797	1.2884	4.5914	2.9364	2.939
ILMN_2174127	DCBLD2	NM_080927.3	131566	3.5334	2.2577	3.0105	2.934
ILMN_1704196	DSG2	NM_001943.2	1829	2.0589	3.0894	3.6341	2.927
ILMN_2188862	GDF15	NM_004864.1	9518	3.6734	2.6838	2.4094	2.922
ILMN_1721876	TIMP2	NM_003255.4	7077	1.9132	2.6985	4.1337	2.915
ILMN_1704369	LIMA1	NM_016357.3	51474	2.2243	3.0278	3.4927	2.915
ILMN_1704294	CDH3	NM_001793.3	1001	3.7814	2.7655	2.178	2.908
ILMN_1663618	STAT3	NM_213662.1	6774	1.2104	4.0493	3.4568	2.906
ILMN_2410924	PLOD2	NM_000935.2	5352	1.8744	3.7577	3.0611	2.898
ILMN_1733937	MMD	NM_012329.2	23531	1.8858	3.3158	3.4748	2.892
ILMN_1738725	LIF	NM_002309.2	3976	2.2304	2.716	3.7206	2.889
ILMN_2228035	HS3ST1	NM_005114.2	9957	3.3279	2.6629	2.671	2.887
ILMN_2326712	BACE2	NM_138991.1	25825	2.5581	2.9332	3.1663	2.886
ILMN_1724495	SESTD1	NM_178123.3	91404	1.5935	3.3792	3.6801	2.884
ILMN_1715532	AKAP12	NM_005100.2	9590	1.0785	4.2605	3.3	2.880

ILMN_1671486	HOMER2	NM_199331.2	9455	2.4488	3.0749	3.1084	2.877
ILMN_1677511	PTGS2	NM_000963.1	5743	3.0916	2.5474	2.9696	2.870
ILMN_1801383	SMG1	NM_015092.3	23049	1.2271	3.9103	3.4673	2.868
ILMN_2121408	HBEGF	NM_001945.1	1839	1.7034	2.3689	4.5068	2.860
ILMN_2105919	FGF2	NM_002006.3	2247	3.3185	2.605	2.6367	2.853
ILMN_1677092	GEM	NM_181702.1	2669	3.1893	3.5001	1.8581	2.849
ILMN_1772821	KIAA1671	XM_371461.4	85379	1.6535	3.2599	3.6295	2.848
ILMN_1697733	CST6	XM_001129442.1	1474	3.2776	2.7214	2.5407	2.847
ILMN_1777296	ACTB	NM_001101.2	60	2.1857	3.307	3.0447	2.846
ILMN_2386355	CSNK2A1	NM_001895.3	1457	1.3792	4.0908	3.0589	2.843
ILMN_2367883	GEM	NM_181702.1	2669	3.0223	3.8931	1.6106	2.842
ILMN_2083946	TGFA	NM_003236.1	7039	2.7884	2.795	2.9422	2.842
ILMN_1720048	CCL2	NM_002982.3	6347	2.6982	2.2081	3.6149	2.840
ILMN_1775327	PKM2	NM_182470.1	5315	1.5125	3.4406	3.5543	2.836
ILMN_1712419	DCDC2	NM_016356.3	51473	2.9115	3.5126	2.0715	2.832
ILMN_1712545	S100A3	NM_002960.1	6274	2.1897	1.7963	4.506	2.831
ILMN_2308950	AKAP12	NM_005100.2	9590	1.3318	3.3075	3.8244	2.821
ILMN_1669390	PPP1R13L	NM_006663.2	10848	1.3152	4.175	2.9681	2.819
ILMN_1736796	RB1CC1	NM_001083617.1	9821	1.0712	3.8016	3.5777	2.817
ILMN_2402600	GLIS3	NM_152629.2	169792	2.5122	2.9738	2.958	2.815
ILMN_1708534	PAX8	NM_003466.3	7849	3.9776	2.7029	1.759	2.813
ILMN_1655614	DSP	NM_001008844.1	1832	3.4566	3.089	1.883	2.810
ILMN_1781374	TUFT1	NM_020127.1	7286	1.8599	4.3856	2.1741	2.807
ILMN_1722718	BMP2	NM_001200.2	650	2.2121	3.4675	2.7386	2.806
ILMN_1653871	PBEF1	NM_005746.2	10135	1.866	3.3858	3.1584	2.803
ILMN_1757237	DDEF2	NM_003887.1	8853	2.9548	3.7206	1.7265	2.801
ILMN_1775330	C15orf52	NM_207380.1	388115	1.7601	3.1061	3.5196	2.795
ILMN_1755937	ANXA2	NM_001002857.1	302	2.7495	2.0675	3.557	2.791
ILMN_1717294	PTPN3	NM_002829.2	5774	2.8423	3.0413	2.4771	2.787
ILMN_1815745	SOX4	NM_003107.2	6659	2.6402	2.229	3.4715	2.780
ILMN_1678841	UBD	NM_006398.2	10537	3.1288	2.9869	2.2169	2.778
ILMN_1791328	STK39	NM_013233.2	27347	1.0656	3.779	3.4582	2.768
ILMN_1657153	ACTR3	NM_005721.3	10096	1.6246	3.3411	3.3174	2.761
ILMN_1657708	MGLL	NM_007283.5	11343	3.6367	2.7187	1.9258	2.760
ILMN_1724040	ANKRD57	NM_023016.3	65124	3.7259	2.326	2.2219	2.758
ILMN_1757644	UBE2H	NM_003344.2	7328	1.4964	3.2997	3.4318	2.743
ILMN_2403006	TJP1	NM_175610.2	7082	3.052	2.9685	2.1935	2.738
ILMN_1800540	CD55	NM_000574.2	1604	1.8739	1.9067	4.407	2.729
ILMN_1786189	MKI67IP	NM_032390.3	84365	1.2344	4.1482	2.7994	2.727
ILMN_2363621	RBBP8	NM_203291.1	5932	2.8302	3.4757	1.8703	2.725
ILMN_1754839	DHX15	NM_001358.2	1665	1.322	3.3016	3.5519	2.725
ILMN_1789793	NUAK2	NM_030952.1	81788	1.9658	3.9164	2.289	2.724
ILMN_1844692	FOXO3	NM_201559.2	2309	1.1041	4.1712	2.8665	2.714
ILMN_2143685	CLDN7	NM_001307.3	1366	4.286	1.9184	1.9238	2.709
ILMN_1786720	PROM1	NM_006017.1	8842	3.7702	1.3565	2.9775	2.701
ILMN_1807596	UBAP1	NM_016525.3	51271	1.5342	3.3603	3.2024	2.699
ILMN_2399300	NAV2	NM_145117.3	89797	2.2924	1.6888	4.1005	2.694
ILMN_1805175	TGFA	NM_001099691.1	7039	2.3795	2.6189	3.0771	2.692
ILMN_1746801	CGN	NM_020770.1	57530	2.4434	3.9801	1.6469	2.690
ILMN_2387385	IGFBP1	NM_001013029.1	3484	2.2647	2.2108	3.5868	2.687
ILMN_2124187	TSC2D2	NM_014779.2	9819	1.2618	4.1399	2.6604	2.687
ILMN_1708203	OTUD4	NM_199324.1	54726	1.3569	3.7473	2.944	2.683
ILMN_1757467	H1FO	NM_005318.2	3005	2.4577	3.4924	2.0615	2.671
ILMN_2404085	CLIP1	NM_002956.2	6249	1.6869	3.3584	2.9635	2.670
ILMN_1664861	ID1	NM_181353.1	3397	1.782	2.5119	3.7119	2.669
ILMN_1693338	CYP1B1	NM_000104.2	1545	1.9627	2.9595	3.0785	2.667
ILMN_1778561	WEE1	NM_003390.2	7465	2.126	2.3067	3.5263	2.653
ILMN_1658384	CRTAC1	NM_018058.4	55118	2.6898	2.91	2.3514	2.650
ILMN_1729455	EML1	NM_004434.2	2009	2.9902	2.8289	2.129	2.649
ILMN_1680018	RIPK4	NM_020639.2	54101	2.7145	3.8688	1.3431	2.642
ILMN_1728677	CREB5	NM_001011666.1	9586	1.6811	3.2236	3.0213	2.642
ILMN_2370976	FER1L3	NM_013451.2	26509	3.0352	3.4504	1.4324	2.639
ILMN_1691508	PLAUR	NM_001005376.1	5329	1.3058	3.1928	3.4182	2.639
ILMN_1695946	LOC388610	NM_001013642.2	388610	2.9397	1.2507	3.7081	2.633
ILMN_1804415	LOC57228	NM_001033873.1	57228	1.7555	3.8442	2.2929	2.631
ILMN_2119297	SAMD4A	NM_015589.3	23034	1.331	3.3551	3.1996	2.629
ILMN_1805543	ADAMTS9	NM_182920.1	56999	2.6201	1.6746	3.5909	2.629
ILMN_1715789	DOCK1	NM_001380.3	1793	2.0658	2.9946	2.7914	2.617
ILMN_2371911	MUC1	NM_001044390.1	4582	3.1678	1.8259	2.8567	2.617
ILMN_1744381	SERPINE1	NM_000602.1	5054	1.2728	1.7893	4.7834	2.615
ILMN_1767658	RRS1	NM_015169.3	23212	1.7335	2.7267	3.3737	2.611
ILMN_1812616	MYO1C	NM_033375.4	4641	2.0115	4.2468	1.5722	2.610
ILMN_1742167	TUBA6	NM_032704.2	84790	1.9662	2.6989	3.1619	2.609
ILMN_2347145	DCN	NM_133505.2	1634	3.153	1.5793	3.0881	2.607
ILMN_1694305	SMS	NM_004595.2	6611	2.742	2.6671	2.4067	2.605
ILMN_1715175	MET	NM_000245.2	4233	2.4379	2.91	2.4636	2.604
ILMN_2330787	FRMD6	NM_152330.2	122786	3.098	2.058	2.6539	2.603
ILMN_1709479	YAP1	NM_006106.2	10413	3.0791	3.3916	1.3358	2.602
ILMN_1714741	LOC346887	XM_943533.1	346887	2.4805	2.9182	2.4051	2.601
ILMN_1698732	PALLD	NM_016081.3	23022	2.6393	3.2926	1.8636	2.599
ILMN_1806502	ZNF165	NM_003447.2	7718	1.7002	2.7843	3.2955	2.593
ILMN_2374865	ATF3	NM_001040619.1	467	1.1817	2.5339	4.0519	2.589
ILMN_1664922	FLNB	NM_001457.1	2317	2.1861	2.2931	3.2812	2.587
ILMN_1689037	LIPG	NM_006033.2	9388	4.3567	1.6536	1.7471	2.586
ILMN_1755303	ZNF217	NM_006526.2	7764	1.5481	3.1569	3.046	2.584
ILMN_1742577	GTPBP4	NM_012341.2	23560	1.2518	2.8294	3.6618	2.581
ILMN_1667561	IFRD1	NM_001550.2	3475	1.6675	3.4698	2.6021	2.580
ILMN_1666845	KRT17	NM_000422.1	3872	2.6127	2.6873	2.6129	2.571
ILMN_2285404	ZD52F10	NM_033317.2	93099	2.6077	2.7176	2.3631	2.563
ILMN_2041293	SQLE	NM_003129.3	6713	1.0387	4.152	2.4783	2.556

ILMN_2360710	TPM1	NM_001018004.1	7168	4.1387	1.7313	1.7888	2.553
ILMN_1705107	SDCBP2	NM_015685.4	27111	2.1403	2.5305	2.9629	2.545
ILMN_1696048	FLJ14834	NM_032849.2	84935	2.5999	1.7175	3.3058	2.541
ILMN_1717056	TXNRD1	NM_001093771.1	7296	2.1631	2.1162	3.3395	2.540
ILMN_1710906	FLJ31951	NM_144726.1	153830	1.2949	3.2034	3.1112	2.537
ILMN_1711828	ANKRD10	NM_017664.2	55608	1.2977	3.3566	2.9552	2.537
ILMN_2071641	KCNK1	NM_002245.2	3775	2.7075	1.8358	3.0562	2.533
ILMN_1747744	LHFPL2	NM_005779.1	10184	2.1226	3.0771	2.3961	2.532
ILMN_2393712	CTTN	NM_138565.1	2017	2.6954	3.4836	1.4082	2.529
ILMN_1675331	PEG3	NM_006210.1	5178	2.0177	3.1062	2.449	2.524
ILMN_2060413	CD24	NM_013230.2	934	4.6769	1.4867	1.4077	2.524
ILMN_1792681	MGC2574	NM_024098.1	79080	1.1495	3.7291	2.6836	2.521
ILMN_2413527	VCL	NM_003373.3	7414	1.9103	3.0043	2.6473	2.521
ILMN_1685540	SHRM	NM_020859.1	57619	3.569	1.5471	2.4438	2.520
ILMN_1724863	TICAM1	NM_182919.1	148022	1.5796	2.701	3.2782	2.520
ILMN_2331232	TNFRSF6B	NM_032945.2	8771	2.8237	2.9008	1.8309	2.518
ILMN_1733811	JUP	NM_002230.1	3728	3.3204	2.1935	2.0392	2.518
ILMN_1763941	LRRRC49	NM_017691.2	54839	1.5019	3.4791	2.5676	2.516
ILMN_2184184	ANXA1	NM_000700.1	301	1.2009	2.6771	3.6654	2.514
ILMN_1688480	CCND1	NM_053056.2	595	2.9785	1.8475	2.7149	2.514
ILMN_1787186	NOV	NM_002514.2	4856	3.892	2.2219	1.4252	2.513
ILMN_1700081	FST	NM_013409.1	10468	1.3264	2.6115	3.584	2.507
ILMN_2168314	PGM3	NM_015599.1	5238	1.0224	3.2385	3.2588	2.507
ILMN_1697614	NHP2L1	NM_001003796.1	4809	1.0934	3.2083	3.2061	2.503
ILMN_1802808	LOC654103	XM_939368.1	654103	1.7473	1.6215	4.1386	2.502
ILMN_2116127	NPEPPS	NM_006310.2	9520	1.297	4.6374	1.555	2.496
ILMN_1801504	RUNX1	NM_001754.3	861	1.3925	2.8251	3.2659	2.495
ILMN_1738589	MGLL	NM_007283.5	11343	1.4604	3.0354	2.9831	2.493
ILMN_1715886	CNOT7	NM_013354.5	29883	1.4032	3.3162	2.7511	2.490
ILMN_1660436	HSPA1B	NM_005346.3	3304	1.0203	2.9242	3.5226	2.489
ILMN_1771599	PLOD2	NM_000935.2	5352	2.886	2.3162	2.2598	2.487
ILMN_1708502	AFF4	NM_014423.3	27125	1.7291	2.7812	2.9505	2.487
ILMN_2330267	ABCE1	NM_001040876.1	6059	1.5551	2.9206	2.9813	2.486
ILMN_1669323	BACE2	NM_138992.1	25825	2.6915	2.2901	2.4678	2.483
ILMN_1731714	CREB5	NM_182898.2	9586	2.3145	2.5186	2.6133	2.482
ILMN_2403889	PRMT5	NM_001039619.1	10419	1.3952	3.3737	2.6762	2.482
ILMN_1782538	VIM	NM_003380.2	7431	1.0254	2.7557	3.6352	2.472
ILMN_1767747	HDAC2	NM_001527.2	3066	1.1825	2.4462	3.7867	2.472
ILMN_1727790	KHDRBS3	NM_006558.1	10656	2.6634	2.3998	3.2502	2.471
ILMN_1791728	SLC25A25	NM_052901.2	114789	1.9532	3.3991	2.0578	2.470
ILMN_2199768	SLITRK4	NM_173078.2	139065	2.1744	2.8509	2.367	2.464
ILMN_1708391	NR1H4	NM_005123.1	9971	3.6495	1.9128	1.8277	2.463
ILMN_1753584	KRT8	NM_002273.2	3856	3.8861	1.7281	1.7628	2.459
ILMN_1779353	PUS7	NM_019042.3	54517	1.4192	2.9089	3.0256	2.451
ILMN_2062112	ZC3H15	NM_018471.2	55854	1.0489	3.5034	2.7934	2.449
ILMN_2093027	MYO1B	NM_012223.2	4430	1.2066	2.8509	3.2742	2.444
ILMN_1730201	DTNA	NM_001392.3	1837	1.4034	2.8083	3.1196	2.444
ILMN_2406151	UMOD	NM_001008389.1	7369	2.2872	2.3149	2.724	2.442
ILMN_1782788	CSDA	NM_003651.3	8531	1.8901	2.4853	2.95	2.442
ILMN_1746856	RAB21	NM_014999.2	23011	1.2419	3.6147	2.4594	2.439
ILMN_1814998	FKSG30	NM_001017421.1	440915	2.4709	2.0024	2.8358	2.436
ILMN_1805800	RAB5A	NM_004162.3	5868	1.4841	2.3893	3.4342	2.436
ILMN_1713952	C1orf106	NM_018265.1	55765	4.1783	1.7114	1.4112	2.434
ILMN_2041222	FLJ40504	NM_173624.1	284085	3.6695	1.4279	2.1966	2.431
ILMN_1806030	PPL	NM_002705.4	5493	2.3715	2.7815	2.1406	2.431
ILMN_1723884	ARF4	NM_001660.2	378	1.7906	3.6291	1.8666	2.429
ILMN_1701877	AXL	NM_021913.2	558	2.8196	1.7326	2.7266	2.426
ILMN_2222074	PTPN12	NM_002835.2	5782	1.5724	1.9935	3.7127	2.426
ILMN_1802642	TOM1L1	NM_005486.1	10040	2.2848	2.7574	2.2346	2.426
ILMN_1811909	LOC402221	XM_938988.1	402221	1.8689	3.4153	1.979	2.421
ILMN_1694075	GADD45A	NM_001924.2	1647	2.1225	3.137	2.003	2.421
ILMN_2358457	ATF4	NM_182810.1	468	1.0767	4.1721	2.0123	2.420
ILMN_1764571	ARHGAP23	XM_290799.7	57636	1.5426	2.4553	3.2623	2.420
ILMN_2219466	APOBEC3B	NM_004900.3	9582	1.1725	2.8074	3.2707	2.417
ILMN_1682717	IER3	NM_003897.3	8870	1.8833	2.1068	3.2545	2.415
ILMN_1687743	BTBD7	NM_001002860.2	55727	1.0979	3.4459	2.6869	2.410
ILMN_1673899	FAM57A	NM_024792.1	79850	2.0988	2.5136	2.6073	2.407
ILMN_1760593	CRY1	NM_004075.2	1407	1.0624	3.2002	2.9505	2.404
ILMN_1699829	CTGF	NM_001901.1	1490	2.2969	2.2821	2.6192	2.399
ILMN_2186137	RRAD	NM_004165.1	6236	1.4711	3.9046	1.8046	2.393
ILMN_1788192	ARMCX1	NM_016608.1	51309	2.7241	2.9333	1.5209	2.393
ILMN_1710284	HES1	NM_005524.2	3280	1.3839	2.3411	3.4438	2.390
ILMN_1707553	FAM59A	NM_022751.1	64762	2.5326	2.5414	2.0945	2.390
ILMN_1757845	SPIRE1	NM_020148.2	56907	2.2668	2.3756	2.5087	2.384
ILMN_1727200	SLCO4A1	NM_016354.3	28231	2.2096	2.387	2.55	2.382
ILMN_2397750	IVNS1ABP	NM_006469.4	10625	1.1278	4.5475	1.4658	2.380
ILMN_1687867	LOC647954	XR_018676.1	647954	1.8717	1.9761	3.293	2.380
ILMN_1772521	MTHFD1L	NM_015440.3	25902	1.7245	1.6959	3.7013	2.374
ILMN_1717490	RPL6	NM_001024662.1	6128	1.2244	2.6282	3.2659	2.373
ILMN_2384561	TJP2	NM_201629.1	9414	2.2138	2.0484	2.8327	2.365
ILMN_1803799	LOC649555	XM_945579.1	649555	1.8296	3.336	1.9181	2.361
ILMN_1707434	LOC653778	XM_929667.1	653778	1.3732	2.1036	3.6049	2.361
ILMN_2409395	CCNC	NM_001013399.1	892	1.5065	3.4263	2.1483	2.360
ILMN_1669497	OSBPL10	NM_017784.3	114884	1.4983	2.2171	3.3615	2.359
ILMN_1671442	WDR43	XM_944889.1	23160	1.0884	3.063	2.9176	2.356
ILMN_1731287	ARFGAP3	NM_014570.3	26286	1.1922	2.7776	3.0943	2.355
ILMN_1804822	SRXN1	NM_080725.1	140809	1.8768	2.8276	2.3588	2.354
ILMN_2161832	VPS37A	NM_152415.1	137492	1.2797	2.8993	2.8784	2.352
ILMN_2263718	SPAG9	NM_003971.3	9043	1.4521	2.0446	3.5581	2.352
ILMN_1658526	RYK	NM_001005861.2	6259	1.0852	3.0959	2.8657	2.349

ILMN_1655702	ABHD5	NM_016006.3	51099	1.7837	2.8509	2.3974	2.344
ILMN_1651347	SERTAD2	NM_014755.1	9792	1.3385	2.6515	3.0323	2.341
ILMN_1669362	IGFBP6	NM_002178.2	3489	2.8734	2.2425	1.9016	2.339
ILMN_1795429	VCL	NM_014000.2	7414	3.1163	2.5236	1.3734	2.338
ILMN_1691747	KHDRBS3	NM_006558.1	10656	3.0378	1.5842	2.3879	2.337
ILMN_1802690	GULP1	NM_016315.2	51454	2.0451	2.3155	2.6425	2.334
ILMN_2138765	ADFP	NM_001122.2	123	1.3038	2.8703	2.8289	2.334
ILMN_1782412	IRX2	NM_033267.3	153572	3.3298	2.5904	1.073	2.331
ILMN_1739428	IFIT2	NM_001547.4	3433	2.2127	1.1338	3.6352	2.327
ILMN_2220187	GFPT1	NM_002056.1	2673	1.6218	3.2063	2.1531	2.327
ILMN_1671149	MEG3	NR_002766.1		1.194	3.1649	2.6194	2.326
ILMN_1653180	TPM4	NM_003290.1	7171	1.7225	2.4964	2.7556	2.325
ILMN_1814787	ICA1	NM_004968.2	3382	1.1854	4.1613	1.6172	2.321
ILMN_1722726	RICS	NM_014715.2	9743	2.074	2.3412	2.5443	2.320
ILMN_1680139	MAFF	NM_012323.2	23764	1.7472	2.6537	2.5498	2.317
ILMN_1757384	RAN	NM_006325.2	5901	1.3838	2.3545	3.193	2.310
ILMN_1756992	MUC1	NM_001044391.1	4582	2.6891	1.5613	2.6733	2.308
ILMN_1658504	CHKA	NM_212469.1	1119	1.0724	3.0425	2.8088	2.308
ILMN_2380243	LOC57228	NM_001031628.1	57228	1.64	2.6819	2.5904	2.304
ILMN_1660451	STARD13	NM_178008.1	90627	2.3256	2.8152	1.7706	2.304
ILMN_1762899	EGR1	NM_001964.2	1958	1.5777	2.1983	3.1326	2.303
ILMN_1651254	LPP	NM_005578.2	4026	1.7394	2.486	2.6739	2.300
ILMN_2115125	CTGF	NM_001901.2	1490	2.1196	1.9322	2.8468	2.300
ILMN_1779258	LOC644774	XM_927868.1	644774	1.5355	3.1233	2.2362	2.298
ILMN_1706817	SERP1	NM_014445.3	27230	1.8232	2.9112	2.1586	2.298
ILMN_1667519	RRA52	NM_012250.3	22800	1.966	3.045	1.8695	2.294
ILMN_1724789	CD59	NM_000611.4	966	3.4655	1.7862	1.6217	2.291
ILMN_1686811	LOC402644	XM_938297.1	402644	1.4571	2.6503	2.7642	2.291
ILMN_2061435	MEG3	NR_002766.1	55384	1.3894	1.3946	4.0734	2.286
ILMN_2087692	CYBRD1	NM_024843.2	79901	1.9362	2.1186	2.8	2.285
ILMN_1687301	VCAN	NM_004385.2	1462	3.3055	1.5433	1.9943	2.281
ILMN_1714278	C9orf30	NM_080655.1	91283	1.7322	2.8708	2.2368	2.280
ILMN_1811836	DYNC2LI1	NM_016008.2	51626	1.7823	2.8123	2.2367	2.277
ILMN_1679267	TGM2	NM_198951.1	7052	2.1229	1.1217	3.5809	2.275
ILMN_1724959	SEC31A	NM_014933.2	22872	1.2285	4.3753	1.2184	2.274
ILMN_1716687	TPM1	NM_001018020.1	7168	4.0775	1.3584	1.3854	2.274
ILMN_1699265	TNFRSF10B	NM_003842.3	8795	1.2092	3.0086	2.5983	2.272
ILMN_2336781	SOD2	NM_001024465.1	6648	1.734	1.5956	3.4845	2.271
ILMN_1695509	PTPN12	NM_002835.2	5782	1.8023	2.5967	2.4025	2.267
ILMN_1713964	BTBD3	NM_014962.2	22903	2.2406	2.3596	2.2007	2.267
ILMN_1707727	ANGPTL4	NM_139314.1	51129	2.0486	1.3305	3.4184	2.266
ILMN_1783287	S100A14	NM_020672.1	57402	1.9682	2.3912	2.4364	2.265
ILMN_1655884	ATP2A2	NM_170665.2	488	1.6736	2.943	2.1755	2.264
ILMN_1677814	ABCC3	NM_003786.2	8714	2.4754	1.5019	2.812	2.263
ILMN_1736939	UGCG	NM_003358.1	7357	1.8151	2.5976	2.3745	2.262
ILMN_2225318	SMS	NM_004595.2	6611	2.2419	2.3506	2.1915	2.261
ILMN_1653856	STS-1	NM_032873.3	84959	1.4597	2.3534	2.9653	2.259
ILMN_1783023	LOC285636	NM_175921.4	285636	1.138	2.9106	2.7284	2.259
ILMN_1682792	BYSL	NM_004053.3	705	1.518	1.9249	3.3288	2.257
ILMN_1679640	FXR1	NM_005087.2	8087	1.0599	2.2597	3.4494	2.256
ILMN_1812262	DDR1	NM_013993.2	780	2.9161	1.7915	2.0592	2.256
ILMN_2411897	KLF10	NM_005655.1	7071	1.3149	2.4808	2.9696	2.255
ILMN_1815121	PLAGL1	NM_001080951.1	5325	1.6073	2.8251	2.3242	2.252
ILMN_2068104	TFFI2	NM_006528.2	7980	1.3711	1.2596	4.1221	2.251
ILMN_1684308	DEFB103B	NM_001081551.2	414325	1.0803	2.7139	2.9577	2.251
ILMN_1741003	ANXA5	NM_001154.2	308	1.9018	2.3057	2.537	2.248
ILMN_2375002	MAP4K4	NM_145687.2	9448	1.2839	3.0482	2.4119	2.248
ILMN_1657111	C14orf78	XM_001132404.1	113146	2.9689	1.2498	2.524	2.248
ILMN_1783846	RAPH1	NM_213589.1	65059	2.2789	1.6851	2.7765	2.247
ILMN_1752526	IBRDC2	NM_182757.2	255488	2.1908	1.9271	2.6199	2.246
ILMN_1687757	AKR1C4	NM_001818.2	1109	3.1044	1.7991	1.8282	2.244
ILMN_2319292	PAX8	NM_013953.3	7849	2.9057	2.5831	1.2374	2.242
ILMN_1656369	C8orf4	NM_020130.3	56892	2.6898	1.3225	2.6879	2.233
ILMN_2410986	STAT3	NM_139276.2	6774	1.5407	2.981	2.178	2.233
ILMN_1676846	ABCE1	NM_001040876.1	6059	1.3072	2.9115	2.4754	2.231
ILMN_1744268	PLEC1	NM_000445.2	5339	1.0699	2.3617	3.2546	2.229
ILMN_1737252	NRG1	NM_013962.2	3084	1.7642	2.5945	2.3242	2.228
ILMN_1680814	EDN2	NM_001956.2	1907	1.0227	2.7438	2.9115	2.226
ILMN_1685397	ITGA3	NM_002204.1	3675	2.5362	2.1192	2.0128	2.223
ILMN_1652918	RHOF	NM_019034.2	54509	1.1561	2.9416	2.5443	2.214
ILMN_1700967	C3orf59	NM_178496.2	151963	1.5394	2.4575	2.6213	2.206
ILMN_1665510	ERRFI1	NM_018948.2	54206	2.7749	2.2874	1.5508	2.204
ILMN_1731044	KCTD14	NM_023930.3	65987	2.1061	3.1075	1.392	2.202
ILMN_1728049	S100A16	NM_080388.1	140576	2.8737	1.7278	2.0035	2.202
ILMN_1785175	SWAP70	NM_015055.2	23075	1.0745	2.0121	3.5085	2.198
ILMN_1763260	HIF1A	NM_001530.2	3091	1.6876	2.6232	2.2751	2.195
ILMN_1698100	ANXA2P1	NR_001562.1		2.6499	1.7574	2.1749	2.194
ILMN_1694325	NFIX	NM_002501.2	4784	1.7598	3.6658	1.155	2.194
ILMN_1697817	PANX1	NM_015368.3	24145	1.7385	2.3424	2.4985	2.193
ILMN_1652331	KCTD5	NM_018992.2	54442	1.0458	2.9016	2.6227	2.190
ILMN_2220978	NROB2	NM_021969.1	8431	1.6484	2.299	2.6128	2.187
ILMN_1798975	EGFR	NM_005228.3	1956	3.6456	1.6699	1.2401	2.185
ILMN_2405254	GRB7	NM_001030002.1	2886	3.6227	1.6921	1.238	2.184
ILMN_2318011	PSMA3	NM_002788.2	5684	1.4435	2.6798	2.4254	2.183
ILMN_1675387	LIMS1	NM_004987.3	3987	1.5525	2.3343	2.6371	2.175
ILMN_1656386	SEC24D	NM_014822.1	9871	1.3812	3.0437	2.0969	2.174
ILMN_2294762	AMY1A	NM_004038.3	276	1.3757	2.0101	3.1273	2.171
ILMN_1661197	CLCF1	NM_013246.2	23529	1.0069	2.1886	3.3136	2.170
ILMN_1794501	HAS3	NM_005329.2	3038	2.0262	2.2076	2.273	2.169
ILMN_1735360	SDAD1	NM_018115.2	55153	1.1307	3.8395	1.5329	2.168

ILMN_2232463	ARL14	NM_025047.1	80117	2.8504	2.0589	1.5782	2.163
ILMN_1730229	CGNL1	NM_032866.3	84952	3.5288	1.7627	1.1953	2.162
ILMN_1706434	LOC440359	XM_496143.2	440359	2.3707	2.1243	1.9909	2.162
ILMN_1737475	ABHD11	NM_148912.2	83451	1.7306	2.0864	2.6544	2.157
ILMN_1702447	IGF2BP2	NM_006548.4	10644	2.1686	2.5652	1.7275	2.154
ILMN_1794392	DDX3X	NM_001356.3	1654	1.1346	2.5295	2.7858	2.150
ILMN_2105983	XRCC5	NM_021141.2	7520	1.0284	2.6929	2.7242	2.149
ILMN_1796712	S100A10	NM_002966.1	6281	1.2407	2.51	2.6893	2.147
ILMN_1685661	RRP15	NM_016052.3	51018	1.2407	2.1638	3.0346	2.146
ILMN_2341254	STARD13	NM_178006.1	90627	2.0613	2	2.3773	2.146
ILMN_1790518	PHF16	NM_001077445.1	9767	1.2576	2.604	2.5759	2.146
ILMN_1686116	THBS1	NM_003246.2	7057	2.4309	1.4434	2.5608	2.145
ILMN_1773427	ANKRD15	NM_015158.2	23189	2.3301	2.9359	1.1675	2.145
ILMN_1728256	SPAG9	NM_003971.3	9043	1.0662	2.5699	2.7909	2.142
ILMN_1815079	TICAM1	NM_182919.1	148022	1.202	2.7391	2.4854	2.142
ILMN_1782863	FAM83B	NM_001010872.1	222584	2.0158	2.4043	2.0023	2.141
ILMN_1703946	ADORA2B	NM_000676.2	136	1.7642	2.3288	2.3288	2.141
ILMN_2046730	S100A10	NM_002966.2	6281	1.2565	2.4719	2.6905	2.140
ILMN_1692785	KLHL21	NM_014851.2	9903	1.473	2.7414	2.2031	2.139
ILMN_2355463	CYFIP1	NM_001033028.1	23191	2.2893	1.9885	2.1391	2.139
ILMN_1813120	MAP4K3	NM_003618.2	8491	1.2648	2.8806	2.2684	2.138
ILMN_1678629	DOCK7	NM_033407.2	85440	1.4433	1.7713	3.1981	2.138
ILMN_1791890	SPON1	NM_006108.2	10418	2.2747	2.6987	1.4357	2.136
ILMN_1729987	SRC	NM_198291.1	6714	1.8763	2.9408	1.5791	2.132
ILMN_1734544	WTAP	NM_004906.3	9589	1.286	2.5365	2.5513	2.125
ILMN_1682636	CXCL2	NM_002089.3	2920	2.0852	1.452	2.835	2.124
ILMN_1765725	SBDSP	NR_001588.1	155370	1.1549	2.622	2.5945	2.124
ILMN_1708093	ARHGEF5	NM_005435.3	7984	1.64	2.9643	1.7556	2.120
ILMN_1802109	KBTBD9	XM_001134449.1	114818	2.118	1.9894	2.2453	2.118
ILMN_1707339	BTG3	NM_006806.3	10950	1.0752	2.2212	3.0486	2.115
ILMN_1717477	PSD3	NM_015310.3	23362	2.5967	1.6492	2.0919	2.113
ILMN_2143795	MGC4677	NM_052871.3	112597	1.3402	2.3127	2.6814	2.111
ILMN_1679217	FAM110B	NM_147189.2	90362	2.2539	2.4842	1.585	2.108
ILMN_1756049	NT5DC3	NM_016575.1	51559	1.2109	1.9932	3.1149	2.106
ILMN_1758323	ACPP	NM_001099.2	55	1.7541	2.3781	2.1851	2.106
ILMN_1744299	GPR110	NM_153840.2	266977	2.1391	2.1208	2.0552	2.105
ILMN_1800220	KCTD3	NM_016121.3	51133	1.6926	2.5831	2.0372	2.104
ILMN_1682015	GAL	NM_015973.3	51083	2.2785	1.3456	2.6847	2.103
ILMN_2072357	IRF6	NM_006147.2	3664	1.6227	2.7436	1.9421	2.103
ILMN_1743714	CARD10	NM_014550.3	29775	2.0917	3.2116	1.0028	2.102
ILMN_2368971	PSMD12	NM_002816.3	5718	1.3348	2.8964	2.0745	2.102
ILMN_1686516	CUGBP1	NM_001025596.1	10658	1.0293	2.8046	2.4718	2.102
ILMN_2089073	ATP9A	NM_006045.1	10079	2.3502	2.6395	1.3141	2.101
ILMN_1666503	DENND2A	NM_0015689.2	27147	3.3105	1.4018	1.5849	2.099
ILMN_1785061	EPHB2	NM_017449.3	2048	2.3918	1.8235	2.0816	2.099
ILMN_1744912	CTTN	NM_005231.2	2017	2.6694	1.6799	1.9426	2.097
ILMN_1766499	HSPA2	NM_021979.3	3306	2.0575	1.7542	2.4729	2.095
ILMN_1654735	SLCO3A1	NM_013272.2	28232	1.1352	2.0389	3.1102	2.095
ILMN_1672759	CCDC109A	NM_138357.1	90550	1.1319	2.2016	2.9505	2.095
ILMN_2413816	GRB14	NM_004490.2	2888	1.7057	2.5831	1.9941	2.094
ILMN_1738578	FILIP1L	NM_014890.2	11259	1.9953	2.004	2.2825	2.094
ILMN_1788547	GCLM	NM_002061.2	2730	1.9928	2.137	2.1443	2.091
ILMN_2346573	PSME3	NM_005789.2	10197	1.1015	3.5074	1.6587	2.089
ILMN_2381758	G3BP2	NM_203504.1	9908	1.4372	2.923	1.8997	2.087
ILMN_1713829	PTGES	NM_004878.3	9536	1.3273	1.7889	3.1342	2.083
ILMN_1733831	PGBD5	NM_024554.2	79605	2.0803	1.9039	2.2542	2.079
ILMN_1757287	MAPK6	NM_002748.2	5597	1.544	2.7242	1.9647	2.078
ILMN_1773760	PAICS	NM_006452.3	10606	2.1317	2.0119	2.0844	2.076
ILMN_1783684	LOC648695	XM_944246.2	648695	1.008	2.9391	2.278	2.075
ILMN_1753639	MTAP	NM_002451.3	4507	1.2133	2.3787	2.6323	2.075
ILMN_1770245	EPB41L5	NM_020909.2	57669	1.1509	2.4788	2.5864	2.072
ILMN_2413833	TNRC9	NM_001080430.1	27324	1.6521	2.3589	2.2022	2.071
ILMN_1665736	LOC648024	XR_018316.1	648024	1.6978	1.9911	2.5242	2.071
ILMN_1804895	C7orf53	NM_182597.1	286006	1.6091	2.5285	2.0726	2.070
ILMN_1780671	PLEKHG3	NM_015549.1	26030	1.7642	2.2541	2.1909	2.070
ILMN_2383934	ITGB1	NM_033669.1	3688	2.4612	1.9484	1.7973	2.069
ILMN_1713846	PPM1H	NM_020700.1	57460	2.4705	1.8299	1.8993	2.067
ILMN_1764709	MAFB	NM_005461.3	9935	1.9752	1.6432	2.5693	2.063
ILMN_2346479	HOMER2	NM_199332.2	9455	1.995	2.3261	1.8644	2.062
ILMN_1755649	SLC16A5	NM_004695.2	9121	1.8179	3.0692	1.2952	2.061
ILMN_1740762	GRB7	NM_005310.2	2886	2.2942	2.1851	1.6987	2.059
ILMN_1745798	GTF2F2	NM_004128.1	2963	1.773	2.8405	1.561	2.058
ILMN_1694548	ANXA3	NM_005139.2	306	2.7561	1.5241	1.8919	2.057
ILMN_1714820	ITGB1	NM_033668.1	3688	2.4734	1.8971	1.7871	2.053
ILMN_1790529	LUM	NM_002345.3	4060	2.2441	1.7013	2.2026	2.049
ILMN_1695290	PLEKHC1	NM_006832.1	10979	1.9745	2.2583	1.9124	2.048
ILMN_2411745	EML1	NM_004434.2	2009	2.3646	2.0791	1.7011	2.048
ILMN_1692058	NDN	NM_002487.2	4692	2.8538	1.2598	2.0301	2.048
ILMN_1673896	MAP3K13	NM_004721.3	9175	1.8224	2.0726	2.2298	2.042
ILMN_1674985	TMEM51	NM_018022.1	55092	2.5266	1.7844	1.8111	2.041
ILMN_1741404	MSC	NM_005098.3	9242	1.6469	2.2086	2.2659	2.040
ILMN_2076463	SLC15A4	NM_145648.1	121260	1.0863	3.2435	1.7892	2.040
ILMN_2142284	SLC25A43	NM_145305.1	203427	1.0799	2.6203	2.4145	2.038
ILMN_1708934	ADM	NM_001124.1	133	1.3497	2.1073	2.6547	2.037
ILMN_1707312	NFIL3	NM_005384.2	4783	1.1735	2.3205	2.6144	2.036
ILMN_1802205	RHOB	NM_004040.2	388	1.3879	2.9174	1.7904	2.032
ILMN_2367384	EPHB2	NM_004442.6	2048	2.183	1.8884	2.0222	2.031
ILMN_1672596	BCAR1	NM_014567.2	9564	1.6689	2.6291	1.7943	2.031
ILMN_2324002	CALD1	NM_033157.2	800	1.577	2.7001	1.8145	2.031
ILMN_1799139	PLOD2	NM_182943.2	5352	1.5812	1.9922	2.5146	2.029

ILMN_1667893	TNS3	NM_022748.10	64759	2.5557	2.1434	1.3745	2.025
ILMN_1664099	GLIS3	NM_152629.3	169792	2.2126	1.9829	1.8776	2.024
ILMN_1786328	WDR40A	NM_015397.1	25853	1.0466	1.9204	3.1021	2.023
ILMN_1771376	PEA15	NM_003768.2	8682	1.5275	1.7058	2.8265	2.020
ILMN_1723042	CLDN3	NM_001306.2	1365	3.2249	1.7201	1.1082	2.018
ILMN_2115218	ANKRD10	NM_017664.2	55608	1.3025	3.3515	1.3962	2.017
ILMN_1724700	RIOK3	NM_003831.3	8780	1.2052	2.8505	1.9944	2.017
ILMN_1738989	GOLSYN	NM_001099743.1	55638	2.2428	1.9872	1.8149	2.015
ILMN_1729596	C14orf151	NM_032714.1	84800	1.4742	2.4021	2.1674	2.015
ILMN_1673676	SNX5	NM_152227.1	27131	1.0367	2.7574	2.2456	2.013
ILMN_1732921	ITGB8	NM_002214.2	3696	1.1857	2.633	2.2208	2.013
ILMN_1699489	TUBB6	XM_940079.1	84617	1.5215	2.1373	2.3785	2.012
ILMN_2392546	PAICS	NM_006452.2	10606	2.2209	1.9799	1.83	2.010
ILMN_1716988	OPN3	NM_014322.2	23596	2.3793	1.7579	1.8876	2.008
ILMN_1718046	ARNT2	NM_014862.3	9915	2.1992	1.8566	1.9685	2.008
ILMN_2041236	GARNL4	NM_015085.3	23108	1.8929	1.5964	2.532	2.007
ILMN_1744023	MGC18216	XM_927732.1	145815	1.5543	2.0105	2.4553	2.007
ILMN_1728512	YWHAH	NM_003405.3	7533	1.6061	2.0018	2.3999	2.003
ILMN_1719599	SYTL4	NM_080737.1	94121	1.6542	2.5443	1.8008	2.000
ILMN_1778803	ZFAND6	NM_019006.2	54469	1.274	2.164	2.56	1.999
ILMN_1733956	IARS	NM_002161.3	3376	1.4953	3.4277	1.0701	1.998
ILMN_1675448	ZFP36L1	NM_004926.2	677	1.2217	2.2212	2.546	1.996
ILMN_1688154	MST1R	NM_002447.2	4486	2.203	2.0026	1.7681	1.991
ILMN_1721901	CTNNA1	NM_003798.2	8727	1.9195	1.7715	2.2816	1.991
ILMN_1750101	S100A11	NM_005620.1	6282	2.1473	1.2902	2.5323	1.990
ILMN_1659099	ROCK2	NM_004850.3	9475	1.0904	2.3559	2.5226	1.990
ILMN_1676799	MFAP1	NM_005926.2	4236	1.0966	2.975	1.8968	1.989
ILMN_1659106	PHLDA3	NM_012396.3	23612	1.8112	2.1122	2.0434	1.989
ILMN_1759232	IRS1	NM_005544.1	3667	2.0434	1.9624	1.9584	1.988
ILMN_1675669	IBTK	NM_015525.2	25998	1.1976	3.6466	1.119	1.988
ILMN_1815057	PDGFRB	NM_002609.3	5159	1.8239	1.5591	2.5733	1.985
ILMN_1754126	SH2D5	XM_375698.3	400745	2.0145	1.9184	2.0234	1.985
ILMN_1813641	C9orf167	NM_017723.2	54863	1.4276	2.394	2.126	1.983
ILMN_1708167	CDCP1	NM_178181.1	64866	1.5745	2.4279	1.9419	1.981
ILMN_1719518	ARF4	NM_001660.2	378	1.7696	2.551	1.6165	1.979
ILMN_1718863	KCNK1	NM_002245.2	3775	3.4987	1.0499	1.3817	1.977
ILMN_2376723	CDKN2B	NM_078487.2	1030	2.5594	1.6115	1.7574	1.976
ILMN_1701514	TRAF3IP2	NM_147686.1	10758	1.1094	2.8171	1.9952	1.974
ILMN_2385278	WDR21A	NM_015604.2	26094	1.0818	2.3397	2.4985	1.973
ILMN_1660345	NGRN	NM_016645.2	51335	1.1074	3.0669	1.7396	1.971
ILMN_1683179	RRAD	NM_004165.1	6236	1.2418	1.2182	3.4508	1.970
ILMN_1775405	ARL4A	NM_005738.3	10124	1.2362	2.3664	2.3008	1.968
ILMN_1701441	EDG2	NM_057159.2	1902	2.3084	1.5475	2.0442	1.967
ILMN_1686805	CRK	NM_016823.2	1398	1.4702	2.1872	2.2385	1.965
ILMN_1784217	SOX15	NM_006942.1	6665	2.3346	2.152	1.4064	1.964
ILMN_1685480	TARS	NM_152295.3	6897	1.1114	3.2117	1.5692	1.964
ILMN_2367239	DSCR1	NM_203417.1	1827	1.4397	2.6764	1.7611	1.959
ILMN_1707236	HCCS	NM_005333.2	3052	1.7169	1.674	2.4847	1.959
ILMN_2230902	CTNNA1	NM_001903.2	1495	2.358	2.0789	1.436	1.958
ILMN_2378048	HNRPK	NM_031263.1	3190	1.4786	2.2221	2.171	1.957
ILMN_2359789	RAC1	NM_006908.3	5879	1.9392	1.8679	2.064	1.957
ILMN_1677314	MUC1	NM_002456.4	4582	1.4064	2.034	2.4257	1.955
ILMN_1727740	SYNCRIP	NM_006372.3	10492	2.0109	2.2635	1.5892	1.955
ILMN_1732612	SHB	NM_003028.2	6461	1.8323	1.6764	2.3537	1.954
ILMN_2322552	NCKAP1	NM_013436.3	10787	3.0751	1.4776	1.3021	1.952
ILMN_1789233	VPS37C	NM_017966.4	55048	1.5108	2.1042	2.2364	1.950
ILMN_1753607	PNO1	NM_020143.2	56902	1.0726	2.6594	2.1181	1.950
ILMN_1748844	CNKSR3	NM_173515.2	154043	2.2925	1.3238	2.2224	1.946
ILMN_1670807	FAM84B	NM_174911.3	157638	2.2947	2.0308	1.5004	1.942
ILMN_1667199	SQRDL	NM_021199.2	58472	1.3341	2.5878	1.897	1.940
ILMN_2374164	HERPUD1	NM_001010990.1	9709	1.3474	2.3994	2.0625	1.936
ILMN_2341548	MYO5B	NM_001080467.1	4645	1.7404	1.8993	2.1597	1.933
ILMN_1742981	TUBA1A	NM_006009.2	7846	1.3786	1.9773	2.4403	1.932
ILMN_2049766	NFE2L3	NM_004289.5	9603	1.8485	1.8429	2.0969	1.929
ILMN_1737396	PSMD14	NM_005805.3	10213	1.4973	1.9816	2.3034	1.927
ILMN_1661137	SH3RF2	NM_152550.2	153769	1.9564	2.1851	1.6369	1.926
ILMN_1778177	ZNF207	NM_001032293.2	7756	1.1422	2.8774	1.7547	1.925
ILMN_1699476	RPE	NM_199229.1	6120	1.4379	2.3762	1.9602	1.925
ILMN_1658499	SYT13	NM_020826.1	57586	1.2834	3.0419	1.436	1.920
ILMN_1701058	TATDN1	NM_032026.2	83940	1.1375	3.2187	1.4029	1.920
ILMN_1679322	SH2D4A	NM_022071.2	63898	2.5069	1.2241	2.0256	1.919
ILMN_1784602	CDKN1A	NM_000389.2	1026	1.5059	1.6899	2.5602	1.919
ILMN_1740585	UMOD	NM_003361.2	7369	1.7957	1.6433	2.3154	1.918
ILMN_2152131	ACTB	NM_001101.2	60	1.205	2.0602	2.4845	1.917
ILMN_1688639	FBXL2	NM_012157.2	25827	2.1391	2.4448	1.1518	1.912
ILMN_1791232	SPRED2	NM_181784.1	200734	1.1523	2.5066	2.0726	1.911
ILMN_1673711	HSP90AB1	NM_007355.2	3326	1.0643	2.1151	2.5508	1.910
ILMN_1787308	PIP5K2C	NM_024779.3	79837	1.2523	2.5658	1.898	1.905
ILMN_1668540	C1orf181	NM_017953.2	54680	1.0317	1.8514	2.8317	1.905
ILMN_1718629	NRIP1	NM_003489.2	8204	1.5734	2.4239	1.7126	1.903
ILMN_1696767	C13orf21	NM_001010897.1	387923	2.2602	2.1878	1.2549	1.901
ILMN_1797531	PRKAG2	NM_024429.1	51422	1.3702	2.5435	1.7617	1.892
ILMN_2166384	RANBP5	NM_002271.4	3843	1.089	2.3402	2.2454	1.892
ILMN_1666384	LOC151579	XM_045290.6	151579	1.937	1.8819	1.8504	1.890
ILMN_2351611	UBQLN1	NM_053067.1	29979	1.1733	2.296	2.1978	1.889
ILMN_1657683	C1orf198	NM_032800.1	84886	1.8595	2.0516	1.7486	1.887
ILMN_1797964	ARL6IP6	NM_152522.3	151188	1.1988	1.6397	2.8172	1.885
ILMN_1784110	PCTK3	NM_212503.1	5129	2.5415	1.8562	1.2497	1.882
ILMN_2399893	RPS24	NM_001026.3	6229	2.5605	1.3514	1.7348	1.882
ILMN_1797776	PRSS23	NM_007173.4	11098	1.7089	1.6398	2.297	1.882

ILMN_2072140	BTF3L4	NM_152265.1	91408	1.3933	2.1232	2.1286	1.882
ILMN_1714364	PTK2	NM_005607.3	5747	2.5776	1.4327	1.6324	1.881
ILMN_1693014	CEBPB	NM_005194.2	1051	1.3318	1.8123	2.4884	1.878
ILMN_2334760	ARMCX3	NM_177947.2	51566	1.4273	2.3715	1.8269	1.875
ILMN_1788462	AMD1	NM_001033059.1	262	1.4449	1.7847	2.3934	1.874
ILMN_1718833	UGT2B7	XM_943434.1	7364	1.6738	2.0312	1.9133	1.873
ILMN_1712305	CYBRD1	NM_024843.2	79901	1.7186	1.499	2.3968	1.871
ILMN_1785272	COL1A2	NM_000089.3	1278	1.9384	1.276	2.3928	1.869
ILMN_1782551	E2F5	NM_001951.3	1875	1.4616	2.8139	1.3313	1.869
ILMN_1699665	CLIC6	NM_053277.1	54102	2.4325	1.3756	1.7904	1.866
ILMN_1730223	RNF39	NM_170769.1	80352	2.5166	1.9446	1.1313	1.864
ILMN_2307861	COL6A3	NM_004369.2	1293	1.1168	2.3012	2.1674	1.862
ILMN_1786065	UHRF1	NM_001048201.1	29128	2.3197	1.2326	2.0173	1.857
ILMN_2363586	SDCBP	NM_001007067.1	6386	1.3457	1.9382	2.2824	1.855
ILMN_2179778	PHLDB2	NM_145753.1	90102	1.7645	1.8172	1.9827	1.855
ILMN_1765558	NPAS2	NM_002518.3	4862	1.6307	1.611	2.3132	1.852
ILMN_1690754	SVIL	NM_003174.3	6840	1.0136	2.2544	2.2869	1.852
ILMN_2383707	ALDH1A2	NM_170696.1	8854	1.7899	2.1977	1.5598	1.849
ILMN_1722089	IBRDC1	NM_152553.2	154214	1.6704	2.0589	1.8172	1.849
ILMN_1730433	CD2AP	NM_012120.2	23607	1.8717	1.9769	1.6862	1.845
ILMN_2338268	ABHD11	NM_148916.2	83451	1.8043	2.2322	1.4964	1.844
ILMN_2043079	ILDR1	NM_175924.2	286676	2.2327	1.6568	1.6426	1.844
ILMN_1771627	ZMIZ1	NM_020338.2	57178	1.297	1.9187	2.3142	1.843
ILMN_2193706	HRK	NM_003806.1	8739	3.0125	1.3417	1.1734	1.843
ILMN_2194009	ABCC4	NM_005845.2	10257	2.1725	1.7162	1.6364	1.842
ILMN_1680132	CADM1	NM_014333.3	23705	2.1631	2.1074	1.2478	1.839
ILMN_1679133	SERPINB1	NM_030666.2	1992	1.3118	2.4755	1.7284	1.839
ILMN_1730612	DBNDD2	NM_001048223.1	55861	1.4394	1.6863	2.3829	1.836
ILMN_1802888	ZNF185	NM_007150.2	7739	2.2097	1.0442	2.2542	1.836
ILMN_1651513	SKIV2L2	NM_015360.3	23517	1.0542	3.1009	1.3448	1.833
ILMN_1747162	DDX47	NM_016355.3	51202	1.489	1.5727	2.4291	1.830
ILMN_1670145	DFNA5	NM_004403.2	1687	1.4015	2.3613	1.7268	1.830
ILMN_1692177	TSC2D1	NM_006022.2	8848	2.4628	1.4177	1.6091	1.830
ILMN_2302118	CCDC50	NM_174908.2	152137	1.9479	2.0347	1.4887	1.824
ILMN_1770338	TM4SF1	NM_014220.2	4071	1.1936	1.0619	3.212	1.823
ILMN_1769876	TBC1D2	NM_018421.2	55357	1.9499	1.8333	1.678	1.820
ILMN_1718769	ITSN1	NM_001001132.1	6453	1.7843	1.0928	2.5821	1.820
ILMN_2406501	SOD2	NM_001024466.1	6648	2.1626	1.1365	2.1557	1.818
ILMN_1768582	PPP2CB	NM_004156.2	5516	1.574	2.0699	1.799	1.814
ILMN_1666156	MORF4L2	NM_012286.1	9643	1.5811	2.1342	1.7269	1.814
ILMN_1706118	HN1L	NM_144570.2	90861	1.6573	1.8643	1.9203	1.814
ILMN_1655930	ELL2	NM_012081.4	22936	1.1212	1.4399	2.8742	1.812
ILMN_1804854	CTNNA1	NM_001903.2	1495	1.8217	1.9489	1.6623	1.811
ILMN_1761721	VPS35	NM_018206.3	55737	1.6167	1.9961	1.8181	1.810
ILMN_1702322	ALS2CL	NM_147129.2	259173	1.2991	2.1208	2.0086	1.810
ILMN_1753525	TCEAL7	NM_152278.2	56849	1.3554	2.0629	2.0085	1.809
ILMN_2304186	MITF	NM_198158.1	4286	1.8633	1.6399	1.9227	1.809
ILMN_1744963	ERO1L	NM_014584.1	30001	1.2096	2.4621	1.7533	1.808
ILMN_2340935	WBP5	NM_001006614.1	51186	1.2055	2.5561	1.6594	1.807
ILMN_1815345	E1F3J	NM_003758.2	8669	1.3687	2.0654	1.9861	1.807
ILMN_2094360	NR2F2	NM_021005.2	7026	2.127	1.3715	1.9206	1.806
ILMN_1758164	STC1	NM_003155.2	6781	1.2674	1.753	2.385	1.802
ILMN_1730995	AFAP1L2	NM_001001936.1	84632	1.4097	2.1417	1.8525	1.801
ILMN_2367010	GPR126	NM_001032394.1	57211	1.8516	1.8358	1.714	1.800
ILMN_2159384	SBDSP	NR_001588.1	155370	1.1526	2.2231	2.0253	1.800
ILMN_1700384	KIAA1522	NM_020888.2	57648	2.6612	1.7382	1.0015	1.800
ILMN_1750145	YWHAG	NM_012479.2	7532	1.7369	1.8714	1.7876	1.799
ILMN_1679382	CCT2	NM_006431.2	10576	1.5633	1.73	2.1005	1.798
ILMN_1772466	SH2D3A	NM_005490.1	10045	1.0079	2.588	1.7969	1.798
ILMN_1800512	HMOX1	NM_002133.1	3162	1.2991	1.3555	2.738	1.798
ILMN_2327860	MAL	NM_022440.1	4118	2.5517	1.2585	1.5769	1.796
ILMN_1671891	FLJ20701	NM_017933.3	55022	1.5432	1.7162	2.126	1.795
ILMN_1765858	CAB39	NM_016289.2	51719	1.1429	2.0304	2.2121	1.795
ILMN_2382121	OCLN	NM_001587.3	4952	1.2672	2.1075	2.0086	1.794
ILMN_1790909	NFE2L2	NM_006164.2	4780	1.0025	1.9575	2.4158	1.792
ILMN_1791478	MTPN	NM_145808.2	136319	1.4641	2.8016	1.1016	1.789
ILMN_1712659	PPP2CB	NM_004156.2	5516	2.2105	1.8607	1.2893	1.787
ILMN_2146418	CRIM1	NM_016441.1	51232	1.0385	2.156	2.1597	1.785
ILMN_1689989	CDC42BPB	NM_006035.3	9578	1.9232	2.4285	1.001	1.784
ILMN_2363591	SDCBP	NM_001007067.1	6386	1.2269	1.9465	2.1766	1.783
ILMN_1787115	WWTR1	NM_015472.3	25937	1.1906	2.6319	1.5238	1.782
ILMN_2169761	CPNE8	NM_153634.2	144402	1.3522	2.1321	1.8576	1.781
ILMN_1809889	CCDC117	NM_173510.1	150275	1.0104	3.2109	1.1179	1.780
ILMN_1674941	TMEM16F	NM_001025356.1	196527	1.6324	1.8895	1.8152	1.779
ILMN_1713636	S100A6	NM_014624.3	6277	1.5577	1.7487	2.0303	1.779
ILMN_2171384	CXCL5	NM_002994.3	6374	1.2787	2.3197	1.7367	1.778
ILMN_2373779	COPS8	NM_006710.4	10920	1.289	2.1927	1.8525	1.778
ILMN_1724658	BNIP3	NM_004052.2	664	1.2621	2.0819	1.9849	1.776
ILMN_1663281	ZNF702	NR_003578.1		2.2108	1.5735	1.5424	1.776
ILMN_1696585	C20orf42	NM_017671.4	55612	1.8525	1.7324	1.737	1.774
ILMN_1685339	TPM1	NM_001018008.1	7168	1.1854	2.5451	1.591	1.774
ILMN_1741133	NME1	NM_000269.2	4830	2.2637	1.6051	1.4444	1.771
ILMN_1785831	ZDHHHC13	NM_001001483.1	54503	1.0138	2.1075	2.1902	1.771
ILMN_1807919	TNS1	NM_022648.3	7145	1.1552	1.9838	2.1685	1.769
ILMN_1756982	CLIC1	NM_001288.4	1192	1.5371	2.0299	1.7333	1.767
ILMN_1719792	PHLDB2	NM_145753.1	90102	2.2754	1.6738	1.3492	1.766
ILMN_1652445	RAC1	NM_018890.2	5879	1.9702	1.6499	1.6734	1.765
ILMN_2150894	ALDH1B1	NM_000692.3	219	1.3626	2.3582	1.5719	1.764
ILMN_1658835	CAV2	NM_001233.3	858	2.6688	1.1915	1.4234	1.761
ILMN_1758750	EARS2	NR_003501.1		1.0548	2.2921	1.9296	1.759



ILMN_2405009	NBL1	NM_005380.4	4681	1.187	2.332	1.7518	1.757
ILMN_1696962	PDZD8	NM_173791.3	118987	1.5919	2.2338	1.4406	1.755
ILMN_1676358	RALB	NM_002881.2	5899	1.614	1.9788	1.6735	1.755
ILMN_1806040	TYMS	NM_001071.1	7298	1.3702	1.6986	2.1971	1.755
ILMN_1730491	FMNL2	NM_052905.3	114793	1.8234	1.244	2.1969	1.755
ILMN_2325574	CASC4	NM_177974.1	113201	1.2126	2.0199	2.0256	1.753
ILMN_2045729	WDR12	NM_018256.2	55759	1.1676	2.0297	2.0518	1.750
ILMN_1799104	SPAG9	NM_003971.3	9043	1.4456	1.8216	1.9748	1.747
ILMN_1660691	RAB31	NM_006868.2	11031	1.7718	1.1224	2.3438	1.746
ILMN_1687858	CALM2	NM_001743.3	805	1.4691	1.891	1.8746	1.745
ILMN_1681949	PDGFRA	NM_006206.3	5156	1.4422	1.9163	1.8755	1.745
ILMN_1691476	MYLK	NM_053032.2	4638	1.4923	1.8214	1.9106	1.741
ILMN_1671600	EPS8L1	NM_133180.1	54869	1.2657	2.3626	1.5926	1.740
ILMN_2366634	PKM2	NM_182471.1	5315	1.3239	1.7558	2.1387	1.739
ILMN_1756238	C6orf128	NM_145316.2	221468	1.4157	1.6102	2.1902	1.739
ILMN_1665583	TUBB	NM_178014.2	203068	1.2075	1.9119	2.0953	1.738
ILMN_1847822	KIAA0368	NM_001080398.1	23392	1.1887	2.4055	1.6175	1.737
ILMN_1780036	WDR1	NM_005112.4	9948	1.2111	1.8338	2.1645	1.736
ILMN_1810486	RAB34	NM_031934.3	83871	2.0204	1.4767	1.7081	1.735
ILMN_2374159	HERPUD1	NM_001010990.1	9709	1.3824	2.2386	1.5795	1.734
ILMN_2239774	FAM83A	NM_032899.4	84985	1.8027	1.7162	1.6809	1.733
ILMN_2140974	TPM4	NM_003290.1	7171	1.7083	2.4302	1.0583	1.732
ILMN_1725597	FXVD4	NM_173160.2	53828	1.3128	2.8214	1.0575	1.731
ILMN_1787567	TSC22D1	NM_006022.2	8848	2.6867	1.2097	1.2904	1.729
ILMN_1661809	PRRG4	NM_024081.4	79056	1.3768	1.4337	2.3761	1.729
ILMN_1767324	EIF4EBP1	NM_004095.3	1978	1.1207	2.3559	1.7092	1.729
ILMN_1684385	COPB2	NM_004766.1	9276	1.3394	2.3003	1.5412	1.727
ILMN_2153837	SCNN1G	NM_001039.2	6340	1.0227	2.0851	2.0694	1.726
ILMN_1690484	KIAA0895	NM_015314.2	23366	1.5507	1.9266	1.6987	1.725
ILMN_1783285	CTPS	NM_001905.1	1503	1.5643	1.884	1.7263	1.725
ILMN_1724832	OVOL2	NM_021220.2	58495	2.5797	1.1478	1.4446	1.724
ILMN_1773847	DYNC1I2	NM_001378.1	1781	1.2978	1.815	2.0593	1.724
ILMN_1706960	KIAA1217	NM_001098500.1	56243	1.4737	1.8429	1.8525	1.723
ILMN_1737972	TSPYL5	NM_033512.2	85453	1.9667	1.1266	2.0699	1.721
ILMN_1746561	BCL2L2	NM_004050.2	599	2.0898	1.5331	1.5396	1.721
ILMN_1809099	IL33	NM_033439.2	90865	2.8638	1.1213	1.1693	1.718
ILMN_1654118	BCL2L1	NM_138578.1	598	1.7908	1.7526	1.6069	1.717
ILMN_1727248	C14orf173	NM_001031714.3	64423	1.2808	1.402	2.4672	1.717
ILMN_1703036	WRNIP1	NM_020135.2	56897	1.2026	1.6738	2.2707	1.716
ILMN_1803811	TRIB1	NM_025195.2	10221	1.042	1.6816	2.4234	1.716
ILMN_2128770	CDR2L	NM_014603.1	30850	1.4901	1.0812	2.5735	1.715
ILMN_1745223	CDC42EP4	NM_012121.4	23580	1.8867	1.4761	1.7792	1.714
ILMN_2275248	ECE2	NM_014693.2	9718	1.4446	1.6881	2.0086	1.714
ILMN_1661593	FAM18B	NM_016078.4	51030	1.8405	1.2741	2.0262	1.714
ILMN_2052208	GADD45A	NM_001924.2	1647	1.3947	2.2028	1.5415	1.713
ILMN_2086470	PDGFRA	NM_006206.3	5156	1.5425	1.9163	1.6753	1.711
ILMN_1651262	HNRPAB	NM_004499.3	3182	1.0236	2.1143	1.9856	1.708
ILMN_1803348	EHBP1	NM_015252.2	23301	1.2979	2.4972	1.3243	1.706
ILMN_1815154	MYH10	NM_005964.1	4628	2.5591	1.3478	1.212	1.706
ILMN_2175112	KCNS3	NM_002252.3	3790	1.7541	1.737	1.6227	1.705
ILMN_1777721	MAPRE1	NM_012325.1	22919	1.1067	2.3978	1.6029	1.702
ILMN_1659923	GNAQ	NM_002072.2	2776	1.2707	2.0644	1.7676	1.701
ILMN_2304624	EIF4H	NM_022170.1	7458	1.425	1.9562	1.7188	1.700
ILMN_1659766	BAG3	NM_004281.3	9531	1.0973	1.7548	2.2417	1.698
ILMN_2225608	KIAA1411	NM_020819.2	57579	1.5178	1.542	2.0322	1.697
ILMN_1753101	VTCN1	NM_024626.2	79679	1.5066	1.5072	2.0726	1.695
ILMN_1679880	THOC6	NM_024339.2	79228	1.2865	2.2893	1.5088	1.695
ILMN_2394571	FBXW11	NM_033645.2	23291	1.1408	2.6835	1.2586	1.694
ILMN_1761903	KCNS1	NM_002251.3	3787	1.4822	1.683	1.9084	1.691
ILMN_1672589	SEMA4B	NM_198925.1	10509	2.2995	1.7243	1.0482	1.691
ILMN_2366864	JUP	NM_021991.1	3728	1.0942	1.9296	2.0451	1.690
ILMN_1673548	HSPC159	NM_014181.1	29094	1.0143	1.973	2.0775	1.688
ILMN_1805999	MYO1D	NM_015194.1	4642	1.0644	2.6987	1.2933	1.685
ILMN_1772316	UNC84A	NM_025154.3	23353	1.4312	1.3103	2.3133	1.685
ILMN_2330307	SLC43A3	NM_017611.2	29015	1.1942	1.5585	2.297	1.683
ILMN_1669631	GLRB	NM_000824.2	2743	1.8525	1.8461	1.3492	1.683
ILMN_2108735	EEF1A2	NM_001958.2	1917	1.0788	2.2439	1.7225	1.682
ILMN_1776925	PRSS22	NM_022119.3	64063	1.8106	1.737	1.4944	1.681
ILMN_1722025	CPEB4	NM_030627.1	80315	1.0558	1.5888	2.3956	1.680
ILMN_1760676	MORF4L1	NM_206839.1	10933	1.8337	2.0912	1.112	1.679
ILMN_1759359	BTF3L4	NM_152265.2	91408	1.5261	2.0145	1.4918	1.677
ILMN_1657949	RHEB	NM_005614.3	6009	1.6893	1.8502	1.4927	1.677
ILMN_1795228	ZFAND5	NM_006007.1	7763	1.0425	1.9756	2.0132	1.677
ILMN_2112417	PGAM1	NM_002629.2	5223	1.0299	2.4888	1.5122	1.677
ILMN_2082585	SNAI2	NM_003068.3	6591	1.4079	2.0834	1.5345	1.675
ILMN_2375879	VEGFA	NM_003376.4	7422	1.3947	1.3125	2.3119	1.673
ILMN_1793543	C1orf51	NM_144697.2	148523	1.0587	2.2456	1.7116	1.672
ILMN_1696187	PYGL	NM_002863.3	5836	1.3544	1.0608	2.5979	1.671
ILMN_1704876	USP38	NM_032557.4	84640	1.9008	1.6437	1.4679	1.671
ILMN_1659255	RP2	NM_006915.1	6102	1.4242	1.9564	1.6307	1.670
ILMN_2198413	MYEOV	NM_138768.2	26579	1.4321	2.0312	1.5465	1.670
ILMN_1811729	CBLC	NM_012116.2	23624	1.4979	1.9045	1.6048	1.669
ILMN_2333687	CD59	NM_203331.1	966	2.1242	1.6096	1.2703	1.668
ILMN_2094166	CHMP5	NM_016410.2	51510	1.0152	1.8828	2.0984	1.665
ILMN_2132458	CLDN4	NM_001305.3	1364	1.2895	1.8172	1.8862	1.664
ILMN_2323087	RBPM5	NM_001008712.1	11030	2.0646	1.1108	1.8165	1.664
ILMN_1716264	ANKRD1	NM_014391.2	27063	1.6157	1.5447	1.8118	1.657
ILMN_1701789	IFIT3	NM_001031683.1	3437	1.8455	1.3823	1.742	1.657
ILMN_1708130	EHF	NM_012153.3	26298	1.3759	2.175	1.4064	1.652
ILMN_1666022	TNFRSF10D	NM_003840.3	8793	1.049	1.9535	1.9446	1.649

ILMN_1808404	RHBD1	NM_022450.2	64285	1.9098	1.642	1.3917	1.648
ILMN_2387919	PRKAG2	NM_001040633.1	51422	1.3229	1.5065	2.1134	1.648
ILMN_2251766	IL1R2	NM_173343.1	7850	1.4209	1.5735	1.9446	1.646
ILMN_1751328	FAM83H	NM_198488.2	286077	2.407	1.4162	1.1099	1.644
ILMN_1773470	ST5	NM_213618.1	6764	1.7392	1.6881	1.5031	1.643
ILMN_1685824	B4GALT5	NM_004776.2	9334	1.8988	1.6212	1.4059	1.642
ILMN_1657483	SEC23B	NM_032985.4	10483	1.3229	2.1062	1.4845	1.638
ILMN_2387865	KCNIP4	NM_001035004.1	80333	1.4944	2.1102	1.3014	1.635
ILMN_1778236	PTPN11	NM_002834.3	5781	1.374	1.8225	1.7024	1.633
ILMN_1741148	ALDOA	NM_184043.1	226	1.2426	1.9947	1.6584	1.632
ILMN_1763433	TRIM9	NM_015163.4	114088	1.8204	1.7709	1.3035	1.632
ILMN_1756439	SCRN1	NM_014766.3	9805	1.692	1.6745	1.5222	1.630
ILMN_1659544	STX3	NM_004177.3	6809	2.0136	1.4196	1.4546	1.629
ILMN_1672486	TCF7L2	NM_030756.2	6934	1.6733	1.6029	1.607	1.628
ILMN_1736940	HPRT1	NM_000194.1	3251	1.248	1.3022	2.3322	1.627
ILMN_1741176	CHMP2B	NM_014043.2	25978	1.3847	2.3273	1.1645	1.626
ILMN_2072622	FLJ12684	NM_024534.4	79584	1.7438	1.5186	1.6115	1.625
ILMN_2171295	PFTK1	NM_012395.2	5218	1.4737	1.3903	2.0086	1.624
ILMN_1750409	RAB9A	NM_004251.3	9367	1.151	1.9953	1.724	1.623
ILMN_1717706	PLK2	NM_006622.2	10769	1.5813	2.0589	1.2224	1.621
ILMN_1815723	NUP35	NM_138285.3	129401	1.2262	1.8461	1.7876	1.620
ILMN_1733680	AZI2	NM_022461.2	64343	1.0875	2.0304	1.737	1.618
ILMN_1753342	SAT1	NM_002970.1	6303	1.0852	1.8017	1.9631	1.617
ILMN_1722294	CPNE8	NM_153634.2	144402	1.5782	1.5067	1.7629	1.616
ILMN_1713688	DHX32	NM_018180.2	55760	1.6543	1.9751	1.2167	1.615
ILMN_1797604	CAP1	NM_006367.2	10487	1.0308	1.941	1.8663	1.613
ILMN_1688722	IL13RA2	NM_000640.2	3598	1.423	1.8333	1.5812	1.613
ILMN_1670379	ANTXR1	NM_032208.1	84168	2.1605	1.3146	1.3616	1.612
ILMN_2056479	TXNL2	NM_006541.2	10539	2.0302	1.195	1.6099	1.612
ILMN_1677402	LOC387763	XM_941665.2	387763	1.5357	1.058	2.2404	1.611
ILMN_2065690	GRAMD3	NM_023927.1	65983	2.2623	1.5393	1.0303	1.611
ILMN_2408430	LARGE	NM_133642.2	9215	1.7232	1.7162	1.3891	1.610
ILMN_2361478	PDLIM5	NM_001011516.1	10611	1.3405	1.5953	1.8889	1.608
ILMN_1692198	LOC641765	XM_935531.1	641765	1.3426	2.0451	1.4364	1.608
ILMN_1783276	NEXN	NM_144573.3	91624	1.5134	1.6612	1.6411	1.605
ILMN_2352921	BPGM	NM_001724.3	669	1.1633	2.2043	1.4426	1.603
ILMN_1690826	TNKS1BP1	NM_033396.2	85456	1.4092	1.5877	1.8129	1.603
ILMN_2396287	RFX2	NM_134433.1	5990	1.0353	2.1417	1.6301	1.602
ILMN_2311796	TES	NM_152829.1	26136	1.4478	1.9594	1.3891	1.599
ILMN_2132599	ANKRD22	NM_144590.1	118932	1.5266	1.1415	2.1257	1.598
ILMN_1702541	CCDC55	NM_032141.2	84081	1.083	2.0834	1.6215	1.596
ILMN_1751492	FAM18B	NM_016078.4	51030	1.1658	1.7882	1.8296	1.595
ILMN_2366445	LOC144501	NM_182507.1	144501	1.7776	1.4504	1.5548	1.594
ILMN_2175601	VDAC1	NM_003374.1	7416	1.2383	1.633	1.9113	1.594
ILMN_2365569	ICA1	NM_004968.2	3382	1.3812	1.845	1.5543	1.594
ILMN_1716057	CAPN2	NM_001748.3	824	1.2685	2.4604	1.0511	1.593
ILMN_1768662	UCK2	NM_012474.3	7371	1.1016	1.7542	1.9233	1.593
ILMN_1692754	TMEM49	NM_030938.2	81671	1.173	1.6301	1.9717	1.592
ILMN_2346727	MTUS1	NM_001001924.1	57509	1.6781	1.3596	1.7147	1.584
ILMN_1688698	ZFH1B	NM_014795.2	9839	1.1983	1.912	1.6398	1.583
ILMN_1679209	HSPA9	NM_004134.4	3313	1.3204	2.0658	1.3637	1.583
ILMN_1716608	NGFB	NM_002506.2	4803	1.5371	1.8172	1.3953	1.583
ILMN_2366246	SEC23B	NM_032985.4	10483	1.4475	1.4497	1.8506	1.583
ILMN_1679460	PPFIBP1	NM_003622.2	8496	1.311	1.5225	1.9127	1.582
ILMN_1806387	LOC340598	XM_926996.1	340598	1.6809	1.1399	1.9212	1.581
ILMN_2148469	RASL11B	NM_023940.2	65997	1.0376	2.4511	1.2521	1.580
ILMN_2327090	MAEA	NM_005882.3	10296	1.6268	1.1512	1.9612	1.580
ILMN_2228809	YWHAG	NM_012479.2	7532	1.3651	2.0478	1.3232	1.579
ILMN_1746359	RERG	NM_032918.1	85004	1.3081	2.3447	1.0823	1.578
ILMN_1783120	SLMAP	NM_007159.2	7871	1.5859	1.7614	1.3855	1.578
ILMN_1728478	CXCL16	NM_022059.1	58191	1.3325	1.6509	1.7455	1.576
ILMN_1747771	LOC730744	XM_001129080.1	730744	1.2767	1.6964	1.7543	1.576
ILMN_1782439	CNN3	NM_001839.2	1266	2.2963	1.2625	1.1648	1.575
ILMN_1751615	COQ10B	NM_025147.3	80219	1.0236	2.6138	1.0838	1.574
ILMN_2387471	FLJ22184	NM_001080403.1	80164	1.2796	1.6371	1.8038	1.574
ILMN_1706498	DSE	NM_013352.2	29940	1.7921	1.4504	1.4749	1.572
ILMN_1734316	YME1L1	NM_139312.1	10730	1.0323	1.389	2.2959	1.572
ILMN_1663313	AMY1C	NM_001008219.1	278	1.3421	1.8075	1.5669	1.572
ILMN_1798372	ANXA2P3	NR_001446.2		1.7157	1.6838	1.3055	1.568
ILMN_2367020	SEC61G	NM_014302.3	23480	1.1193	2.0538	1.5195	1.564
ILMN_1692545	LOC646849	XM_933970.1	646849	1.0596	2.2156	1.4167	1.564
ILMN_1738558	RGS20	NM_170587.1	8601	1.2137	1.7404	1.737	1.564
ILMN_1717877	IVNS1ABP	NM_006469.4	10625	1.265	1.8316	1.5882	1.562
ILMN_1660021	M6PRBP1	NM_005817.3	10226	1.3197	1.6976	1.6613	1.560
ILMN_2080684	IQCA	NM_024726.3	79781	1.0318	2.152	1.4822	1.555
ILMN_1696028	ETNK1	NM_018638.4	55500	1.1966	1.8745	1.5926	1.555
ILMN_1654016	MRLC2	NM_033546.2	103910	1.3763	1.6846	1.5987	1.553
ILMN_1794598	SCHIP1	NM_014575.2	29970	1.6534	1.1789	1.8178	1.550
ILMN_2123665	SBF2	NM_030962.2	81846	1.2472	1.6644	1.7218	1.544
ILMN_1708223	PAK6	NM_020168.3	56924	1.8139	1.6411	1.1776	1.544
ILMN_2053178	ACTG1	NM_001614.2	71	1.1441	1.85	1.6385	1.544
ILMN_1760855	OCLR	NM_000276.3	4952	1.2987	1.7439	1.5896	1.544
ILMN_1704305	NIP7	NM_016101.3	51388	1.0685	1.9183	1.6399	1.542
ILMN_1730487	CALD1	NM_033140.2	800	2.2179	1.2472	1.1611	1.542
ILMN_1708025	RBPM5	NM_006867.2	11030	1.5415	1.2259	1.8525	1.540
ILMN_1663032	FNDC4	NM_022823.1	64838	1.5463	1.5541	1.5186	1.540
ILMN_2056975	HPRT1	NM_000194.1	3251	1.1344	2.0151	1.469	1.540
ILMN_1764201	MAP2	NM_031845.2	4133	1.5231	1.3596	1.7347	1.539
ILMN_1775829	PERP	NM_022121.2	64065	2.0562	1.1018	1.4584	1.539
ILMN_1660067	LOC728285	XM_001127070.1	728285	1.4064	1.5708	1.6384	1.539

ILMN_1721316	TNFRSF10A	NM_003844.2	8797	1.2193	1.9248	1.4636	1.536
ILMN_1754969	LMCD1	NM_014583.2	29995	1.2442	1.282	2.0785	1.535
ILMN_2404917	AFAP1L2	NM_032550.2	84632	1.7958	1.4584	1.3492	1.534
ILMN_2126832	SEC24A	NM_021982.1	10802	1.1002	1.5849	1.9147	1.533
ILMN_2388484	MAP2	NM_002374.3	4133	1.5384	1.4839	1.5735	1.532
ILMN_1812474	TFG	NM_001007565.1	10342	1.3248	1.5145	1.7553	1.532
ILMN_1676629	INSIG2	NM_016133.2	51141	1.5206	1.6547	1.3916	1.522
ILMN_1780255	KLK6	NM_001012964.1	5653	1.2467	1.6521	1.6653	1.521
ILMN_1724139	TMEM123	NM_052932.2	114908	1.1223	1.9589	1.4776	1.520
ILMN_1810559	RHOQ	NM_012249.3	23433	1.3328	1.5162	1.7097	1.520
ILMN_1791726	TUBB3	NM_006086.2	10381	1.0292	1.7347	1.7909	1.518
ILMN_1761858	MID1	NM_033290.2	4281	1.5524	1.8761	1.1259	1.518
ILMN_1752810	LARP6	NM_018357.2	55323	1.887	1.4345	1.2084	1.510
ILMN_1701482	POFUT2	NM_015227.4	23275	1.2869	2.2201	1.0209	1.509
ILMN_1691506	NGRN	NM_016645.2	51335	1.422	1.1692	1.9323	1.508
ILMN_2374687	PTPN13	NM_080684.1	5783	1.0934	1.8714	1.5541	1.506
ILMN_1753279	HNRPA0	NM_006805.3	10949	1.6455	1.2424	1.6295	1.506
ILMN_2179717	C9orf61	NM_004816.2	9413	1.7713	1.0902	1.6521	1.505
ILMN_1706426	DSTN	NM_001011546.1	11034	2.3903	1.0842	1.03	1.502
ILMN_1746664	WSB2	NM_018639.3	55884	1.4086	2.0834	1.0111	1.501
ILMN_2324157	UBE1C	NM_198195.1	9039	1.0347	1.8025	1.6624	1.500
ILMN_2222991	ETF1	NM_004730.1	2107	1.1323	1.8381	1.5231	1.498
ILMN_2063168	MALL	NM_005434.3	7851	1.7174	1.4529	1.3138	1.495
ILMN_1664756	KPNA4	NM_002268.3	3840	1.3063	1.6203	1.5567	1.494
ILMN_1712950	PFN1	NM_005022.2	5216	1.1111	1.809	1.5622	1.494
ILMN_1752046	SH2B3	NM_005475.1	10019	1.0282	1.3226	2.1244	1.492
ILMN_1666004	WASL	NM_003941.2	8976	1.3635	1.7238	1.3828	1.490
ILMN_2080158	FAM10A7	NR_002198.2	155019	1.0683	1.8172	1.5735	1.486
ILMN_1660847	PKFB3	NM_004566.2	5209	1.0878	1.4392	1.9244	1.484
ILMN_1678928	SLCO3A1	NM_013272.2	28232	1.2388	1.5384	1.6702	1.482
ILMN_2399622	AP1G1	NM_001128.5	164	1.106	1.1006	2.2215	1.476
ILMN_1750181	TESC	NM_017899.2	54997	1.0599	2.0881	1.2673	1.472
ILMN_1688127	LOC341457	XM_292085.2	341457	1.3767	1.2589	1.7679	1.468
ILMN_1705032	SEH1L	NM_031216.3	81929	1.0344	1.7789	1.5814	1.465
ILMN_1664167	BXDC1	NM_032194.1	84154	1.0594	1.5331	1.7986	1.464
ILMN_1710408	LGR4	NM_018490.1	55366	1.0617	1.4822	1.8461	1.463
ILMN_1815733	EIF5	NM_001969.3	1983	1.2578	1.3837	1.7472	1.463
ILMN_1737517	RPL29	NM_000992.2	6159	1.7059	1.1993	1.4829	1.463
ILMN_1762883	ECE2	NM_032331.3	9718	1.4882	1.1273	1.7676	1.461
ILMN_1748881	MRAS	NM_012219.3	22808	1.6307	1.4822	1.2611	1.458
ILMN_1757646	UFM1	NM_016617.1	51569	1.2725	1.4614	1.6379	1.457
ILMN_1782389	LAD1	NM_005558.3	3898	2.098	1.0328	1.2381	1.456
ILMN_2196097	PPP2CA	NM_002715.2	5515	1.6016	1.5668	1.1932	1.454
ILMN_1718961	BNI3P3L	NM_004331.2	665	1.3377	1.8521	1.1715	1.454
ILMN_1669268	MEX3D	NM_001085363.1	399664	1.0561	1.4824	1.8214	1.453
ILMN_1703487	LMO4	NM_006769.2	8543	1.5777	1.5099	1.2677	1.452
ILMN_2117987	TFDP1	NM_007111.3	7027	1.3744	1.3348	1.6403	1.450
ILMN_1687501	MOXD1	NM_015529.2	26002	1.1852	1.9131	1.241	1.446
ILMN_1673215	PCBP1	NM_006196.2	5093	1.0859	1.8215	1.4284	1.445
ILMN_1727087	GJA1	NM_000165.3	2697	2.2342	1.0068	1.0947	1.445
ILMN_2325337	APOL2	NM_145637.1	23780	1.1054	1.9182	1.2895	1.438
ILMN_1792660	CAMSAP1L1	NM_203459.1	23271	1.6062	1.0182	1.6825	1.436
ILMN_1750394	SLC39A6	NM_012319.3	25800	1.3277	1.2918	1.6838	1.434
ILMN_1767711	CASR	NM_000388.2	846	1.6987	1.5018	1.1025	1.434
ILMN_1788107	IL11	NM_000641.2	3589	1.078	1.4574	1.7642	1.433
ILMN_1807994	PCNP	NM_020357.1	57092	1.2192	1.8502	1.2289	1.433
ILMN_1786433	BCCIP	NM_016567.2	56647	1.5615	1.7141	1.0162	1.431
ILMN_2222992	ETF1	NM_004730.1	2107	1.0673	1.4506	1.7683	1.429
ILMN_1706021	TMPRSS4	NM_019894.2	56649	1.0423	1.3527	1.8909	1.429
ILMN_1790315	FLJ21062	NM_001039706.1	79846	1.2783	1.9446	1.0629	1.429
ILMN_1665425	RPRM	NM_019845.2	56475	1.2007	1.558	1.5186	1.426
ILMN_2403946	FEZ2	NM_005102.1	9637	1.7131	1.5611	1.0007	1.425
ILMN_1789599	NBL1	NM_182744.1	4681	1.0134	1.6946	1.5602	1.423
ILMN_1765621	HDGF	NM_004494.1	3068	1.1116	1.1896	1.9584	1.420
ILMN_1799848	ANKRD22	NM_144590.2	118932	1.2528	1.1365	1.8651	1.418
ILMN_1777483	APOOL	NM_198450.3	139322	1.0099	1.5384	1.6987	1.416
ILMN_1804929	OXTR	NM_000916.3	5021	1.0418	1.0621	2.1406	1.415
ILMN_1695271	RPP25	NM_017793.2	54913	1.4493	1.5384	1.2499	1.413
ILMN_1765310	TCEAL2	NM_080390.3	140597	1.5312	1.1688	1.5317	1.411
ILMN_1808777	EHD2	NM_014601.2	30846	1.1018	1.6056	1.5231	1.410
ILMN_1690476	QKI	NM_006775.1	9444	1.1605	1.5146	1.5541	1.410
ILMN_2366388	PRDX1	NM_181696.1	5052	1.8484	1.2989	1.0779	1.408
ILMN_2182750	DDX1	NM_004939.1	1653	1.0634	1.6344	1.5215	1.406
ILMN_1745242	PLSCR1	NM_021105.1	5359	1.2237	1.7057	1.2895	1.406
ILMN_1763265	CHMP1B	NM_020412.3	57132	1.0127	1.6131	1.5862	1.404
ILMN_1800225	PPARG	NM_015869.4	5468	1.189	1.4534	1.5588	1.400
ILMN_1657870	ABL2	NM_005158.3	27	1.0795	1.3265	1.7909	1.399
ILMN_1730794	SERTAD4	NM_019605.2	56256	1.6004	1.3492	1.2467	1.399
ILMN_2046470	DAAM1	NM_014992.1	23002	1.2852	1.5345	1.3759	1.399
ILMN_1797009	F3	NM_001993.2	2152	1.1342	1.5576	1.5006	1.397
ILMN_1660111	UCHL3	NM_006002.3	7347	1.6251	1.2726	1.2831	1.394
ILMN_1655316	PSMC6	NM_002806.2	5706	1.4543	1.6086	1.1139	1.392
ILMN_1745820	RASSF6	NM_201431.1	166824	1.5502	1.3197	1.3016	1.391
ILMN_1814327	AGTR1	NM_000685.4	185	1.1725	1.9446	1.0506	1.389
ILMN_1693830	LACTB	NM_171846.1	114294	1.0885	1.6521	1.4179	1.386
ILMN_1659888	PPP1R14B	NM_138689.2	26472	1.1782	1.5426	1.4339	1.385
ILMN_1807169	TINAGL1	NM_022164.1	64129	1.7709	1.2655	1.1148	1.384
ILMN_1760575	PTPA1	NM_003463.3	7803	1.224	1.425	1.4933	1.381
ILMN_2359345	NET1	NM_005863.2	10276	1.0749	1.831	1.2329	1.380
ILMN_1723467	ITGB1	NM_002211.2	3688	1.544	1.4124	1.1799	1.379

ILMN_1785900	LOC653108	XR_016129.1	653108	1.6305	1.4822	1.0189	1.377
ILMN_1732468	HSPA4L	NM_014278.2	22824	1.2515	1.6077	1.2707	1.377
ILMN_1791447	CXCL12	NM_199168.2	6387	1.423	1.3341	1.3419	1.366
ILMN_1713143	MRPL3	NM_007208.2	11222	1.3549	1.5007	1.2427	1.366
ILMN_1662905	NME1-NME2	NM_001018136.1	654364	1.4218	1.3431	1.3247	1.363
ILMN_1739238	L1CAM	NM_000425.2	3897	1.0264	1.7676	1.2917	1.362
ILMN_1761946	PROM2	NM_144707.1	150696	1.0078	1.1632	1.9033	1.358
ILMN_2329165	MYO1C	NM_001080779.1	4641	1.3299	1.245	1.4928	1.356
ILMN_1675848	MRCL3	NM_006471.2	10627	1.2759	1.4344	1.3535	1.355
ILMN_2373495	H2AFY	NM_004893.2	9555	1.0831	1.3834	1.593	1.353
ILMN_1674385	YWHAQ	NM_006826.2	10971	1.0155	1.3749	1.637	1.342
ILMN_1805410	C15orf48	NM_032413.2	84419	1.3941	1.128	1.4954	1.339
ILMN_1740426	RASD1	NM_016084.3	51655	1.473	1.4136	1.1294	1.339
ILMN_1810759	C2orf25	NM_015702.1	27249	1.0072	1.7544	1.2149	1.326
ILMN_1738632	PRKAR1A	NM_212472.1	5573	1.1777	1.4938	1.3035	1.325
ILMN_1773741	GOLGA5	NM_005113.2	9950	1.1297	1.5869	1.2578	1.325
ILMN_1805827	PPA1	NM_021129.3	5464	1.5261	1.1976	1.2476	1.324
ILMN_1719664	PTPN21	NM_007039.3	11099	1.126	1.367	1.4698	1.321
ILMN_1667626	EGLN3	NM_022073.3	112399	1.0264	1.3934	1.5305	1.317
ILMN_2112638	SVEP1	NM_153366.2	79987	1.0506	1.5873	1.3041	1.314
ILMN_1785852	OBFC2A	NM_001031716.1	64859	1.0762	1.8513	1.0125	1.313
ILMN_1768575	SFTPD	NM_003019.4	6441	1.6227	1.1674	1.1493	1.313
ILMN_1773485	QKI	NM_006775.1	9444	1.1133	1.4574	1.3626	1.311
ILMN_1793433	RAB10	NM_016131.3	10890	1.1661	1.6418	1.1157	1.308
ILMN_1787680	SELS	NM_018445.4	55829	1.3766	1.4128	1.1301	1.307
ILMN_1768127	EBNA1BP2	NM_006824.1	10969	1.53	1.0159	1.3732	1.306
ILMN_2147306	PNRC2	NM_017761.2	55629	1.1902	1.6216	1.097	1.303
ILMN_1754943	MYO1E	NM_004998.2	4643	1.034	1.524	1.3378	1.299
ILMN_1773413	DOCK9	NM_015296.1	23348	1.1524	1.1058	1.6227	1.294
ILMN_1749243	BANF1	NM_003860.2	8815	1.1414	1.3964	1.3372	1.292
ILMN_1695357	CCDC99	NM_017785.3	54908	1.0565	1.3492	1.4574	1.288
ILMN_1796013	PYCR1	NM_153824.1	5831	1.1831	1.5084	1.1663	1.286
ILMN_1678075	CDYL	NM_170751.1	9425	1.0668	1.3492	1.4364	1.284
ILMN_2343264	PRDM16	NM_022114.2	63976	1.3038	1.4509	1.0945	1.283
ILMN_1792733	FOXA3	NM_004497.2	3171	1.065	1.5982	1.1793	1.281
ILMN_1655051	FAM86B1	NM_001083537.1	85002	1.2572	1.4595	1.1063	1.274
ILMN_1691151	CHKA	NM_212469.1	1119	1.1776	1.4138	1.2209	1.271
ILMN_1773901	STX12	NM_177424.2	23673	1.0545	1.7292	1.006	1.263
ILMN_1757415	C1orf163	NM_023077.1	65260	1.0442	1.5084	1.2354	1.263
ILMN_1743397	PIGW	NM_178517.3	284098	1.6371	1.0802	1.0682	1.262
ILMN_1711542	CHMP4C	NM_152284.3	92421	1.2895	1.2419	1.2467	1.259
ILMN_1774823	RPL34	NM_033625.2	6164	1.4524	1.0288	1.2906	1.257
ILMN_2400250	FAM86A	NM_201598.1	196483	1.3265	1.0434	1.4009	1.257
ILMN_2342033	F11R	NM_144504.1	50848	1.416	1.3281	1.0182	1.254
ILMN_1788149	NEK11	NM_024800.3	79858	1.3603	1.3035	1.0834	1.249
ILMN_1763537	LCTL	NM_207338.2	197021	1.1688	1.4108	1.1674	1.249
ILMN_2051867	PTCD2	NM_024754.3	79810	1.2347	1.2741	1.2338	1.248
ILMN_2347234	PRMT1	NM_198318.1	3276	1.0958	1.6362	1.0096	1.247
ILMN_2341343	AGTR1	NM_004835.3	185	1.0942	1.6115	1.034	1.247
ILMN_2175474	MTRF1L	NM_019041.3	54516	1.0334	1.007	1.6831	1.241
ILMN_1794829	C6orf117	NM_138409.1	112609	1.0506	1.4504	1.1982	1.233
ILMN_1673950	STBD1	NM_003943.2	8987	1.3242	1.0677	1.2926	1.228
ILMN_1715647	VANGL2	NM_020335.1	57216	1.056	1.5101	1.1114	1.226
ILMN_2339825	YME1L1	NM_139313.1	10730	1.0538	1.3403	1.2692	1.221
ILMN_1654696	C15orf48	NM_032413.2	84419	1.3451	1.1693	1.1214	1.212
ILMN_2181445	BCL2L13	NM_015367.2	23786	1.2324	1.1391	1.2587	1.210
ILMN_1799113	CCDC41	NM_016122.2	51134	1.0301	1.2895	1.3035	1.208
ILMN_1810584	IL1R1	NM_000877.2	3554	1.1008	1.1365	1.3847	1.207
ILMN_1772241	SQLE	NM_003129.3	6713	1.2594	1.1327	1.2224	1.205
ILMN_2335718	HNRPA1	NM_004499.3	3182	1.0867	1.5012	1.0191	1.202
ILMN_1756408	PARVA	NM_018222.2	55742	1.3302	1.1767	1.0955	1.201
ILMN_1732398	SCGB2A1	NM_002407.1	4246	1.2918	1.1208	1.1833	1.199
ILMN_1725485	RGS17	NM_012419.4	26575	1.2213	1.3413	1.0267	1.196
ILMN_1727194	CALU	NM_001219.2	813	1.5087	1.0566	1.0177	1.194
ILMN_2401964	CDC42EP1	NM_007061.3	11135	1.0057	1.5268	1.0487	1.194
ILMN_1781672	GAB1	NM_207123.1	2549	1.2659	1.1365	1.1776	1.193
ILMN_2067708	TFB2M	NM_022366.1	64216	1.0958	1.4494	1.0331	1.193
ILMN_2383305	GPATCH4	NM_182679.1	54865	1.349	1.0401	1.1816	1.190
ILMN_2314007	TCF12	NM_207037.1	6938	1.0697	1.3339	1.1535	1.186
ILMN_1774330	WSCD1	NM_015253.1	23302	1.2611	1.0227	1.2707	1.185
ILMN_1777220	VCP	NM_007126.2	7415	1.1041	1.1545	1.2929	1.184
ILMN_1709611	PSMA1	NM_148976.1	5682	1.0247	1.3655	1.1385	1.176
ILMN_1749078	TIMP2	NM_003255.4	7077	1.0981	1.056	1.3626	1.172
ILMN_1752159	AHNAK	NM_024060.2	79026	1.1674	1.1831	1.1385	1.163
ILMN_1779979	SLC37A3	NM_207113.1	84255	1.2132	1.0096	1.257	1.160
ILMN_1803302	CRK	NM_016823.2	1398	1.0716	1.1618	1.2402	1.158
ILMN_1704094	PSMA6	NM_002791.1	5687	1.3208	1.0389	1.1079	1.156
ILMN_1811921	CSRP1	NM_004078.1	1465	1.1272	1.1336	1.2009	1.154
ILMN_1702683	SLC33A1	NM_004733.2	9197	1.1289	1.2979	1.0345	1.154
ILMN_1714709	OLFM1	NM_006334.3	10439	1.1218	1.2555	1.0506	1.143
ILMN_1705346	NBEA	NM_015678.3	26960	1.3492	1.0227	1.0506	1.141
ILMN_2085236	SNX24	NM_014035.1	28966	1.1025	1.1429	1.1652	1.137
ILMN_2407879	SORBS2	NM_003603.4	8470	1.1313	1.2175	1.0545	1.134
ILMN_1669881	TSPAN13	NM_014399.3	27075	1.068	1.3035	1.0284	1.133
ILMN_1773935	TMEM165	NM_018475.2	55858	1.1358	1.0194	1.2322	1.129
ILMN_1729318	TOR1AIP1	NM_015602.2	26092	1.1054	1.0553	1.2208	1.127
ILMN_1764964	IFNGR2	NM_005534.2	3460	1.1626	1.1592	1.0344	1.119
ILMN_2299843	ATP5S	NM_015684.2	27109	1.0729	1.0726	1.1674	1.104
ILMN_1670008	FLCN	NM_144997.4	201163	1.0284	1.0395	1.2419	1.103
ILMN_2140510	KLHL13	NM_033495.2	90293	1.1716	1.0158	1.1032	1.097

ILMN_1700546	ELOVL6	NM_024090.1	79071	1.1674	1.0674	1.0055	1.080
ILMN_1809013	MYL6	NM_021019.3	4637	1.0068	1.1057	1.0462	1.053
ILMN_1798546	HDAC6	NM_006044.2	10013	-1.034	-1.2709	-1.0009	-1.102
ILMN_1756696	USF2	NM_207291.1	7392	-1.1901	-1.11	-1.019	-1.106
ILMN_1746917	LOC729843	XR_016056.1	729843	-1.1101	-1.2293	-1.1457	-1.162
ILMN_1797822	KIAA0746	NM_015187.3	23231	-1.2127	-1.3161	-1.0125	-1.180
ILMN_1689786	ASMTL	NM_004192.1	8623	-1.1337	-1.4614	-1.0616	-1.219
ILMN_1794333	POU2F1	NM_002697.2	5451	-1.2163	-1.2291	-1.2252	-1.224
ILMN_1784661	TMEM2	NM_013390.1	23670	-1.1187	-1.3237	-1.2324	-1.225
ILMN_1770831	LOC641978	XM_935752.1	641978	-1.4266	-1.1568	-1.1523	-1.245
ILMN_2194852	FLJ46309	NM_001039797.1	649598	-1.189	-1.0099	-1.5396	-1.246
ILMN_2114422	NOD1	NM_006092.1	10392	-1.1436	-1.3032	-1.2964	-1.248
ILMN_1780141	TMEM66	NM_016127.4	51669	-1.2523	-1.3362	-1.1583	-1.249
ILMN_1748578	RAD21	NM_006265.1	5885	-1.4413	-1.3348	-1.002	-1.259
ILMN_1780861	LOC653506	XM_927769.1	653506	-1.1334	-1.5687	-1.0956	-1.266
ILMN_1665526	TCEA2	NM_198723.1	6919	-1.3587	-1.0855	-1.406	-1.283
ILMN_1731203	KIAA1618	NM_020954.2	57714	-1.1044	-1.7708	-1.0033	-1.293
ILMN_1722738	ROGDI	NM_024589.1	79641	-1.0828	-1.1208	-1.7095	-1.304
ILMN_1662161	TBC1D13	NM_018201.2	54662	-1.2579	-1.2959	-1.417	-1.324
ILMN_2201533	C17orf61	NM_152766.2	254863	-1.4133	-1.0874	-1.4735	-1.325
ILMN_1685079	TELO2	NM_016111.2	9894	-1.079	-1.1883	-1.8021	-1.356
ILMN_1729142	PRR6	NM_181716.2	201161	-1.2973	-1.013	-1.7668	-1.359
ILMN_2134224	ATP13A1	NM_020410.1	57130	-1.2413	-1.2706	-1.6082	-1.373
ILMN_1789405	C22orf25	NM_152906.3	128989	-1.4041	-1.4286	-1.3039	-1.379
ILMN_2261519	AIRE	NM_000383.1	326	-1.272	-1.6397	-1.233	-1.382
ILMN_2375156	PHF7	NM_173341.1	51533	-1.1112	-1.3895	-1.6589	-1.387
ILMN_2059211	KIAA0195	NM_014738.2	9772	-1.584	-1.0665	-1.5205	-1.390
ILMN_1656011	RGS1	NM_002922.3	5996	-1.4606	-1.3155	-1.4044	-1.394
ILMN_1699575	LOC653598	XM_928338.1	653598	-1.0928	-1.742	-1.3759	-1.404
ILMN_2165867	DHCR7	NM_001360.2	1717	-1.2119	-1.4973	-1.5144	-1.408
ILMN_1747251	LTB4R	NM_181657.1	1241	-1.7317	-1.0352	-1.4595	-1.409
ILMN_1669456	NME3	NM_002513.2	4832	-1.3557	-1.3489	-1.5311	-1.412
ILMN_1709814	NMRAL1	NM_020677.2	57407	-1.3324	-1.3856	-1.5533	-1.424
ILMN_1804498	C7orf27	NM_152743.2	221927	-1.746	-1.2812	-1.2598	-1.429
ILMN_1750401	C17orf62	NM_001100408.1	79415	-1.7293	-1.0625	-1.5011	-1.431
ILMN_1702519	LOC643466	XM_926789.1	643466	-1.2282	-1.5507	-1.5183	-1.432
ILMN_1707804	SULT1A3	NM_003166.3	6818	-1.1455	-1.608	-1.5565	-1.437
ILMN_1776327	LOC727820	XM_001125827.1	727820	-2.0113	-1.184	-1.1531	-1.449
ILMN_1688318	MGC72104	NM_207350.1	284802	-1.7614	-1.3138	-1.3046	-1.460
ILMN_1655915	MMP11	NM_005940.3	4320	-1.0154	-1.6674	-1.727	-1.470
ILMN_1656900	SULT1A1	NM_177536.1	6817	-1.6947	-1.1218	-1.5953	-1.471
ILMN_1684789	CCDC101	NM_138414.1	112869	-1.7668	-1.2891	-1.3633	-1.473
ILMN_1710979	ANKRD39	NM_016466.4	51239	-1.384	-1.3161	-1.7339	-1.478
ILMN_1763852	ACACB	NM_001093.3	32	-2.0249	-1.3661	-1.1255	-1.506
ILMN_1791002	SKP2	NM_005983.2	6502	-1.2213	-1.5991	-1.703	-1.508
ILMN_1813846	P2RX4	NM_002560.2	5025	-1.1171	-1.7815	-1.6378	-1.512
ILMN_1748730	CTRC	NM_007272.2	11330	-1.1093	-2.0544	-1.3866	-1.517
ILMN_1735415	NUDT16L1	NM_032349.2	84309	-1.5025	-1.1523	-1.8982	-1.518
ILMN_2056815	LINGO4	NM_001004432.1	339398	-1.7613	-1.4493	-1.3513	-1.521
ILMN_1757388	OCEL1	NM_024578.1	79629	-1.1113	-1.2698	-2.1941	-1.525
ILMN_1752591	LEPROTL1	NM_015344.1	23484	-2.2145	-1.3429	-1.0475	-1.535
ILMN_1701466	PEX16	NM_004813.1	9409	-1.2007	-1.3675	-2.0434	-1.537
ILMN_2146657	FAHD2B	NM_199336.1	151313	-1.5116	-1.0108	-2.0959	-1.539
ILMN_1880834	FBXO41	NM_001080410.1	150726	-1.4824	-1.0909	-2.0451	-1.539
ILMN_1724194	NPEPL1	NM_024663.3	79716	-2.1223	-1.3023	-1.1952	-1.540
ILMN_1680925	SLC9A3R1	NM_004252.2	9368	-1.7891	-1.2451	-1.6003	-1.545
ILMN_2358914	SLC35C2	NM_173073.2	51006	-1.2846	-1.7553	-1.595	-1.545
ILMN_2413331	TMEM107	NM_032354.2	84314	-1.0721	-2.2118	-1.3572	-1.547
ILMN_2089175	SYAP1	NM_032796.2	94056	-1.7374	-1.7358	-1.1761	-1.550
ILMN_1791912	SIDT2	NM_001040455.1	51092	-1.4588	-1.4997	-1.7144	-1.558
ILMN_1728999	LOC730273	XM_001124203.1	730273	-1.0515	-1.7455	-1.9058	-1.568
ILMN_2360028	NFATC3	NM_173165.1	4775	-1.0408	-2.0984	-1.5772	-1.572
ILMN_1771618	FLJ37396	NM_173671.1	285754	-1.3382	-1.161	-2.2467	-1.582
ILMN_1839750	LOC729776	XM_001133820.1	729776	-1.1372	-1.5715	-2.0482	-1.586
ILMN_1766797	CCS	NM_005125.1	9973	-1.6339	-1.3439	-1.7811	-1.586
ILMN_1674411	CKAP2	NM_001098525.1	26586	-1.1707	-2.3373	-1.2579	-1.589
ILMN_1677906	LOC643287	XM_928075.2	643287	-1.0398	-1.8223	-1.9082	-1.590
ILMN_1751753	IDH2	NM_002168.2	3418	-1.6239	-1.5813	-1.5877	-1.598
ILMN_1752199	LHPP	NM_022126.2	64077	-1.7529	-1.1469	-1.8964	-1.599
ILMN_1771870	FAM98C	NM_174905.2	147965	-1.512	-1.4295	-1.8578	-1.600
ILMN_1746883	SAT2	NM_133491.2	112483	-1.2084	-1.6803	-1.9373	-1.609
ILMN_1795400	TBCD	NM_005993.4	6904	-2.7725	-1.0608	-1.0071	-1.613
ILMN_2165369	HIST1H4B	NM_003544.2	8366	-1.1325	-2.1482	-1.5604	-1.614
ILMN_1727332	ATPIF1	NM_178191.1	93974	-1.0121	-1.8364	-1.9985	-1.616
ILMN_1744795	TBL1X	NM_005647.2	6907	-1.9914	-1.6165	-1.2392	-1.616
ILMN_1782331	TDG	NM_003211.3	6996	-1.683	-1.4315	-1.7464	-1.620
ILMN_1726666	GPX3	NM_002084.3	2878	-2.0295	-1.8289	-1.0084	-1.622
ILMN_2073184	EDG8	NM_030760.3	53637	-2.3311	-1.3035	-1.2333	-1.623
ILMN_1810045	NLRP1	NM_014922.4	22861	-1.0451	-2.1293	-1.6987	-1.624
ILMN_1740165	C14orf102	NM_017970.2	55051	-1.5471	-1.7623	-1.5644	-1.625
ILMN_1672461	SPPL2B	NM_001077238.1	56928	-1.0625	-1.786	-2.0314	-1.627
ILMN_1732988	KIAA1666	XM_942124.2	85376	-1.1772	-2.4663	-1.2693	-1.638
ILMN_2381537	RCP9	NM_014478.3	27297	-1.5701	-2.1429	-1.2018	-1.638
ILMN_1739423	RN7SK	NR_001445.1		-1.1473	-2.2744	-1.5207	-1.647
ILMN_1803194	GALK1	NM_000154.1	2584	-1.3219	-1.6471	-1.9743	-1.648
ILMN_1815626	DHCR7	NM_001360.2	1717	-1.3251	-1.9014	-1.7269	-1.651
ILMN_1788239	AMDHD1	NM_152435.1	144193	-1.0052	-1.8224	-2.1371	-1.655
ILMN_1666178	TP53I13	NM_138349.2	90313	-1.4077	-1.3739	-2.1842	-1.655
ILMN_2054019	ISG15	NM_005101.1	9636	-1.7642	-1.8676	-1.3445	-1.659
ILMN_2294878	NSUN5	NM_018044.2	55695	-1.2667	-1.8206	-1.8975	-1.662

ILMN_1725241	GSTK1	NM_015917.1	373156	-1.496	-1.8459	-1.6431	-1.662
ILMN_2120072	FLJ13305	NM_032180.1	84140	-1.0437	-2.4114	-1.5549	-1.670
ILMN_1695961	CLK3	NM_003992.2	1198	-1.5102	-2.3801	-1.1269	-1.672
ILMN_1779735	LOC389541	NM_001008395.2	389541	-1.6654	-1.5853	-1.8365	-1.696
ILMN_1746919	LOC643882	XM_931879.1	643882	-1.9615	-2.081	-1.0662	-1.703
ILMN_1763364	WHDC1	NM_001080435.1	123720	-1.6338	-2.0578	-1.4354	-1.709
ILMN_1812384	NR3C1	NM_001018077.1	2908	-1.6227	-1.8246	-1.6843	-1.711
ILMN_1679083	ZNF93	NM_001004126.1	81931	-1.5159	-2.4454	-1.1775	-1.713
ILMN_2061565	PLCH2	NM_014638.2	9651	-2.3661	-1.7074	-1.0655	-1.713
ILMN_1729374	ETFB	NM_001985.2	2109	-1.4176	-2.0606	-1.6942	-1.724
ILMN_1723043	NAPSB	XR_001413.1		-1.4111	-2.3452	-1.4163	-1.724
ILMN_1695461	PTPRA	NM_080840.2	5786	-1.4754	-1.8499	-1.8552	-1.727
ILMN_1753241	SNTA1	NM_003098.2	6640	-1.4279	-1.3721	-2.386	-1.729
ILMN_2193233	MGC29506	NM_016459.3	51237	-1.3257	-2.3104	-1.6019	-1.746
ILMN_1801101	ZBTB48	NM_005341.1	3104	-2.0209	-1.7684	-1.4515	-1.747
ILMN_1739393	SELE	NM_000450.1	6401	-1.3823	-2.7654	-1.0955	-1.748
ILMN_1771411	ALG6	NM_013339.2	29929	-1.1554	-1.999	-2.0954	-1.750
ILMN_1676408	TAGAP	NM_138810.2	117289	-2.0869	-1.1133	-2.0548	-1.752
ILMN_1744604	CYBA	NM_000101.2	1535	-1.5686	-2.0848	-1.6026	-1.752
ILMN_1662331	PDSS2	NM_020381.2	57107	-1.2873	-2.4312	-1.5519	-1.757
ILMN_1776515	MPPE1	NM_023075.4	65258	-1.6031	-1.8227	-1.8502	-1.759
ILMN_1803136	RAB4B	NM_016154.2	53916	-1.1969	-2.1164	-1.9873	-1.767
ILMN_1665428	GSDMDC1	NM_024736.5	79792	-1.7051	-1.9614	-1.6365	-1.768
ILMN_1801246	IFITM1	NM_003641.3	8519	-2.5514	-1.7458	-1.0142	-1.770
ILMN_1726873	TPCN2	NM_139075.2	219931	-1.0299	-1.872	-2.4171	-1.773
ILMN_2389376	WDR23	NM_025230.3	80344	-1.5287	-2.7356	-1.0718	-1.779
ILMN_1695962	SLC12A9	NM_020246.2	56996	-1.5313	-1.8513	-1.9574	-1.780
ILMN_1759341	MAN2B1	NM_000528.2	4125	-1.0077	-1.7814	-2.5553	-1.781
ILMN_1814039	LOC653086	XM_930995.1	653086	-1.7528	-2.3482	-1.2467	-1.783
ILMN_1797693	BRI3BP	NM_080626.5	140707	-1.0657	-2.71	-1.5731	-1.783
ILMN_1657475	GALT	NM_000155.2	2592	-2.4792	-1.3436	-1.5277	-1.784
ILMN_1791396	DGCR6	NM_005675.3	8214	-1.1681	-1.8661	-2.3322	-1.789
ILMN_1659075	HLA-DOA	NM_002119.3	3111	-1.3165	-2.0405	-2.0131	-1.790
ILMN_1716056	TMEM112B	NM_033200.1	91289	-1.4901	-2.0667	-1.8167	-1.791
ILMN_1775703	TRAPPC6A	NM_024108.1	79090	-1.7389	-1.1728	-2.4746	-1.795
ILMN_1682226	CLDN15	NM_014343.1	24146	-1.8881	-1.9284	-1.5748	-1.797
ILMN_2323048	ERP29	NM_001034025.1	10961	-1.0557	-1.9768	-2.3664	-1.800
ILMN_1711073	LOC653489	XM_934113.1	653489	-2.0182	-2.1237	-1.2603	-1.801
ILMN_1710124	CMTM8	NM_178868.3	152189	-1.3902	-1.8204	-2.2096	-1.807
ILMN_1749875	LOC728715	XM_001128260.1	728715	-2.0828	-1.6472	-1.6919	-1.807
ILMN_1757106	Mar-06	NM_005885.2	10299	-2.1437	-1.83	-1.8485	-1.819
ILMN_1750093	SDHALP1	NR_003264.1		-1.7821	-2.2438	-1.4358	-1.821
ILMN_1758806	C21orf2	NM_004928.1	755	-2.6866	-1.663	-1.1329	-1.828
ILMN_1690114	PTPLAD2	NM_001010915.1	401494	-1.9803	-2.4725	-1.0358	-1.830
ILMN_1662328	CNNM3	NM_017623.4	26505	-2.1443	-1.7916	-1.5659	-1.834
ILMN_1704024	TMEM160	NM_017854.1	54958	-1.2573	-2.0033	-2.2845	-1.848
ILMN_1784467	NUP210	NM_024923.2	23225	-2.3632	-1.1841	-2.0414	-1.863
ILMN_2133675	SGSH	NM_000199.2	6448	-1.0415	-2.0386	-2.522	-1.867
ILMN_2406552	LRDD	NM_145887.2	55367	-1.7421	-2.0874	-1.8043	-1.878
ILMN_2273224	SLC4A5	NM_133478.2	57835	-2.1256	-2.3626	-1.1618	-1.883
ILMN_1690682	B3GALT4	NM_003782.3	8705	-1.1089	-2.3478	-2.1983	-1.885
ILMN_1743476	LOC653829	XM_935802.1	653829	-2.0521	-2.3341	-1.2796	-1.889
ILMN_1794643	ZGPAT	NM_032527.3	84619	-1.9723	-2.0118	-1.6983	-1.894
ILMN_2406410	RHBD2	NM_001040456.1	57414	-1.4814	-2.0168	-2.185	-1.894
ILMN_1701613	RARRES3	NM_004585.3	5920	-3.372	-1.0873	-1.2327	-1.897
ILMN_1695404	LY6E	NM_002346.1	4061	-1.1456	-1.9475	-2.6154	-1.903
ILMN_1676759	DDX27	NM_017895.6	55661	-1.5142	-2.0186	-2.1776	-1.903
ILMN_1711928	FLJ20920	NM_025149.3	80221	-1.3054	-1.9281	-2.4864	-1.907
ILMN_1715625	C20orf94	NM_001009608.1	128710	-1.2907	-1.9658	-2.4641	-1.907
ILMN_1733276	CYSLTR1	NM_006639.2	10800	-2.244	-2.0143	-1.4698	-1.909
ILMN_2363027	RAD51	NM_133487.1	5888	-1.9402	-2.4462	-1.3491	-1.912
ILMN_2399264	Sep-06	NM_145800.2	23157	-2.3911	-2.0594	-1.2967	-1.916
ILMN_2093389	SNAPC1	NM_003082.2	6617	-1.9617	-2.7681	-1.0217	-1.917
ILMN_2275803	LRRC45	NM_144999.2	201255	-2.1477	-1.7749	-1.8391	-1.921
ILMN_1694399	ICA1	NM_022308.1	3382	-2.0668	-2.4904	-1.2217	-1.926
ILMN_1657996	LOC642035	XM_936105.1	642035	-1.9213	-2.6541	-1.2137	-1.930
ILMN_1755114	EIF2AK4	NM_001013703.2	440275	-2.4096	-2.2123	-1.1705	-1.931
ILMN_2194577	PLVAP	NM_031310.1	83483	-1.5949	-2.0154	-2.1835	-1.931
ILMN_1704091	DGAT1	NM_012079.2	8694	-1.1834	-2.3475	-2.2636	-1.932
ILMN_2077680	CLDND2	NM_152353.1	125875	-1.5914	-2.1608	-2.0447	-1.932
ILMN_1668605	ASAH1	NM_014435.3	27163	-1.0081	-2.5765	-2.2127	-1.932
ILMN_2300970	ETFB	NM_001014763.1	2109	-1.9074	-2.0749	-1.8253	-1.936
ILMN_1811221	SLC5A8	NM_145913.2	160728	-2.1754	-2.4526	-1.2022	-1.943
ILMN_2112915	DRD4	NM_000797.2	1815	-1.5905	-2.1638	-2.0782	-1.944
ILMN_1731063	ST5	NM_139157.2	6764	-1.0671	-2.9116	-1.8556	-1.945
ILMN_2321931	DCLRE1C	NM_022487.2	64421	-2.3566	-2.3443	-1.1366	-1.946
ILMN_1657578	ZNF223	NM_013361.3	7766	-2.1897	-2.4263	-1.242	-1.953
ILMN_1745583	EXOC1	NM_001024924.1	55763	-1.2285	-2.4239	-2.2111	-1.955
ILMN_1809437	RHBD2	NM_001040456.1	57414	-1.4882	-2.1607	-2.2285	-1.959
ILMN_1707591	TNIP3	NM_024873.3	79931	-1.4145	-2.2467	-2.2357	-1.966
ILMN_1791306	C9orf103	NM_001001551.1	414328	-1.4316	-2.2063	-2.3214	-1.986
ILMN_2047885	PCDHB9	NM_019119.3	56127	-2.2286	-2.4805	-1.259	-1.989
ILMN_1787813	SLC5A3	NM_006933.4	6526	-1.6548	-2.0627	-2.2608	-1.993
ILMN_1687971	CAPN3	NM_024344.1	825	-1.4483	-2.1987	-2.3441	-1.997
ILMN_1797875	ALOX5AP	NM_001629.2	241	-1.5285	-2.8284	-1.6438	-2.000
ILMN_2394381	CLN3	NM_000086.1	1201	-1.4147	-2.3935	-2.2029	-2.004
ILMN_1785439	CD79B	NM_021602.1	974	-2.8089	-2.1069	-1.1112	-2.009
ILMN_1677200	CYFIP2	NM_014376.2	26999	-3.0922	-1.8183	-1.1335	-2.015
ILMN_1804656	C12orf62	NM_032901.2	84987	-1.3621	-2.4641	-2.2554	-2.027
ILMN_1772261	GLG1	NM_012201.4	2734	-1.0123	-2.5118	-2.5773	-2.034

ILMN_1787314	ALS2CR14	NM_178231.1	65068	-1.6928	-2.6662	-1.7652	-2.041
ILMN_2246548	FLJ46109	NR_003082.1	653399	-1.4798	-1.8571	-2.8142	-2.050
ILMN_1774761	CCR2	NM_000647.4	1231	-2.0335	-2.0909	-2.0393	-2.055
ILMN_1699214	LOC647450	XM_936518.1	647450	-2.1043	-2.2521	-1.8105	-2.056
ILMN_1652199	LOC642113	XM_936253.1	642113	-3.2654	-1.4847	-1.4403	-2.063
ILMN_2161286	FAM40B	NM_020704.1	57464	-2.2577	-2.7319	-1.2533	-2.081
ILMN_2222880	SLC25A42	NM_178526.1	284439	-2.1553	-1.9835	-2.105	-2.081
ILMN_2366330	URP2	NM_031471.4	83706	-2.1539	-2.925	-1.1982	-2.092
ILMN_1653412	RAXL1	NM_032753.2	84839	-2.1983	-3.0323	-1.0637	-2.098
ILMN_1771957	MAN1B1	NM_016219.2	11253	-1.6267	-2.2676	-2.4014	-2.099
ILMN_2383107	VPS41	NM_014396.3	27072	-2.1284	-2.9335	-1.2586	-2.107
ILMN_2270845	WDR74	NM_018093.1	54663	-2.6093	-2.6125	-1.103	-2.108
ILMN_1768510	MAN2B2	NM_015274.1	23324	-1.3033	-2.6671	-2.3663	-2.112
ILMN_1676632	DISC1	NM_001012959.1	27185	-1.448	-2.7698	-2.1299	-2.116
ILMN_2148527	H19	NR_002196.1	283120	-2.0788	-3.0228	-1.2527	-2.118
ILMN_1678690	UPB1	NM_016327.2	51733	-1.1679	-2.7562	-2.466	-2.130
ILMN_2233050	PLA2G2D	NM_012400.2	26279	-2.1104	-2.7701	-1.5268	-2.136
ILMN_1683786	FYTTD1	NM_001011537.1	84248	-2.1007	-2.5032	-1.8162	-2.140
ILMN_2262044	PARP10	NM_032789.1	84875	-2.2749	-2.6765	-1.4711	-2.141
ILMN_2305721	POMT1	NM_007171.2	10585	-1.4358	-2.54	-2.4619	-2.146
ILMN_1720799	GPSN2	NM_138501.4	9524	-1.7147	-2.596	-2.138	-2.150
ILMN_1690237	PCDHB19P	NR_001282.1		-2.6047	-2.7274	-1.1194	-2.151
ILMN_1749834	LOC388588	XM_932890.2	388588	-1.1009	-2.4589	-2.8991	-2.153
ILMN_1695759	AMDHD2	NM_015944.2	51005	-2.2114	-2.0766	-2.1824	-2.157
ILMN_1700307	FLJ38969	XM_928774.1	401303	-2.3608	-2.318	-1.7958	-2.158
ILMN_1814315	PBXIP1	NM_020524.2	57326	-2.6412	-1.766	-2.0704	-2.159
ILMN_1660364	PSCD4	NM_013385.2	27128	-2.9683	-1.6207	-1.8931	-2.161
ILMN_1728528	ZNF655	NM_001009956.1	79027	-1.1298	-2.9857	-2.4149	-2.177
ILMN_1671482	GALM	NM_138801.1	130589	-2.8995	-2.2258	-1.4481	-2.191
ILMN_1684346	TNFAIP8L1	NM_152362.1	126282	-2.2597	-2.5029	-1.838	-2.200
ILMN_2345872	SUMF2	NM_001042470.1	25870	-1.1433	-2.6887	-2.786	-2.206
ILMN_1727183	ZNF763	NM_001012753.1	284390	-2.3511	-2.1358	-2.1396	-2.209
ILMN_1738482	CEP27	NM_018097.1	55142	-2.373	-2.7965	-1.4574	-2.209
ILMN_1691566	CCDC140	NM_153038.1	151278	-1.0912	-2.917	-2.6257	-2.211
ILMN_1671854	Sep-01	XM_944593.1	1731	-2.5186	-2.3527	-1.8177	-2.230
ILMN_1769508	PIGX	NM_017861.1	54965	-1.7664	-3.107	-1.8249	-2.233
ILMN_1755138	NEK8	NM_178170.2	284086	-1.9921	-3.0644	-1.6544	-2.237
ILMN_1654396	ITGB2	NM_000211.1	3689	-2.5706	-2.3279	-1.8136	-2.237
ILMN_1740938	APOE	NM_000041.2	348	-1.0646	-3.4802	-2.1696	-2.238
ILMN_1652846	PCYT2	NM_002861.2	5833	-2.1364	-1.9514	-2.6519	-2.247
ILMN_1680344	MYOM1	NM_003803.3	8736	-1.2346	-3.0153	-2.5349	-2.262
ILMN_1761820	EDARADD	NM_145861.2	128178	-2.9882	-1.9939	-1.8514	-2.278
ILMN_1719986	PIK3IP1	NM_052880.3	113791	-3.7845	-2.0422	-1.0913	-2.306
ILMN_2127298	F2RL3	NM_003950.2	9002	-1.5616	-4.0628	-1.2988	-2.308
ILMN_1735058	CHST12	NM_018641.3	55501	-2.3946	-2.324	-2.2094	-2.309
ILMN_1804148	TMED4	NM_182547.2	222068	-1.1201	-3.2366	-2.5719	-2.310
ILMN_2175912	ITGB2	NM_000211.2	3689	-2.6703	-2.4601	-1.8138	-2.315
ILMN_1757742	ZRANB1	NM_017580.2	54764	-2.0126	-2.7177	-2.2306	-2.320
ILMN_1811328	DPP7	NM_013379.2	29952	-1.0102	-2.8311	-3.1424	-2.328
ILMN_1761733	HLA-DMB	NM_002118.3	3109	-2.1412	-2.5259	-2.335	-2.334
ILMN_1668822	BATF	NM_006399.2	10538	-3.6179	-2.3826	-1.0315	-2.344
ILMN_1763452	EVI2B	NM_006495.3	2124	-3.669	-1.8204	-1.5537	-2.348
ILMN_1681437	DCXR	NM_016286.2	51181	-2.0032	-2.5597	-2.4939	-2.352
ILMN_1771320	FLJ38717	NM_001004322.1	401261	-3.0834	-2.4021	-1.5739	-2.353
ILMN_1735816	CYP4A11	NM_000778.2	1579	-1.5637	-3.3581	-2.1673	-2.363
ILMN_1678457	ZNF600	NM_198457.1	162966	-2.0928	-3.5005	-1.5171	-2.370
ILMN_1812250	LOC644642	XM_932279.1	644642	-2.6446	-2.6184	-1.8686	-2.377
ILMN_2148944	ADCY4	NM_139247.2	196883	-1.0686	-4.2395	-1.8357	-2.381
ILMN_2207505	LEP	NM_000230.1	3952	-2.5795	-3.1691	-1.3997	-2.383
ILMN_2372136	PH-4	NM_177938.2	54681	-1.2593	-2.9378	-2.9618	-2.386
ILMN_1783743	FLJ41423	NM_001001679.1	399886	-1.5895	-3.0913	-2.486	-2.389
ILMN_1683277	KIAA0319L	NM_024874.3	79932	-1.8718	-2.5908	-2.7108	-2.391
ILMN_1785252	SLC26A6	NM_134426.2	65010	-1.372	-2.9131	-2.8946	-2.393
ILMN_1807981	SIGIRR	XM_001129013.1	59307	-2.0728	-2.2067	-2.9243	-2.401
ILMN_1693912	SLC47A2	NM_152908.3	146802	-1.1857	-3.363	-2.657	-2.402
ILMN_1795464	LTA	NM_000595.2	4049	-2.7828	-3.1877	-1.2359	-2.402
ILMN_1770824	ARHGAP4	NM_001666.2	393	-3.809	-2.0138	-1.3956	-2.406
ILMN_1711514	COCH	NM_004086.1	1690	-1.0996	-3.4647	-2.6553	-2.407
ILMN_2391512	ASAH1	NM_014435.2	27163	-1.4362	-3.076	-2.7137	-2.409
ILMN_2362982	ARID4B	NM_016374.5	51742	-2.1523	-2.5263	-2.5503	-2.410
ILMN_2199389	VIPR1	NM_004624.2	7433	-2.5939	-2.6546	-2.0047	-2.418
ILMN_2363392	TNFSF14	NM_172014.1	8740	-2.7035	-2.6269	-1.9255	-2.419
ILMN_1755897	UGT2B7	XM_001128725.1	7364	-1.6641	-3.1652	-2.433	-2.421
ILMN_1719543	MAF	NM_005360.3	4094	-2.6853	-2.1588	-2.4685	-2.438
ILMN_1679194	UGT2B7	XM_001128725.1	7364	-1.9717	-3.0164	-2.3351	-2.441
ILMN_1769135	DPP7	NM_013379.2	29952	-1.3479	-2.8913	-3.1069	-2.449
ILMN_1679826	CST7	NM_003650.2	8530	-3.1781	-2.5777	-1.6109	-2.456
ILMN_1749362	CD28	NM_006139.1	940	-3.0072	-2.8881	-1.4761	-2.457
ILMN_1787461	RUNX3	NM_004350.2	864	-3.6482	-2.2898	-1.4358	-2.458
ILMN_1653026	PLAC8	NM_016619.1	51316	-3.8606	-1.702	-2.0164	-2.526
ILMN_1691341	IL7R	XM_937367.1	3575	-3.8886	-2.0322	-1.6767	-2.533
ILMN_1795835	LOC338758	XM_931359.2	338758	-1.5498	-2.8183	-3.2763	-2.548
ILMN_1686555	FYN	NM_153047.1	2534	-4.0192	-1.4743	-2.1592	-2.551
ILMN_1785095	ATP6V0E2	NM_145230.2	155066	-1.4827	-3.3016	-2.8893	-2.558
ILMN_1795190	CLDN2	NM_020384.2	9075	-1.0367	-3.877	-2.762	-2.559
ILMN_1756469	GAMT	NM_000156.4	2593	-1.9785	-2.7178	-3.0072	-2.568
ILMN_1678678	SLC37A4	NM_001467.4	2542	-1.0025	-3.7454	-2.9817	-2.577
ILMN_1688490	PTP4A2	XM_944915.1	8073	-2.4782	-3.4066	-1.8507	-2.579
ILMN_1748473	GIMAP4	NM_018326.2	55303	-2.9794	-3.6603	-1.0967	-2.579
ILMN_2206272	D2HGDH	NM_152783.3	728294	-3.5541	-1.887	-2.3282	-2.590

ILMN_1672661	SP110	NM_004510.2	3431	-2.063	-2.6462	-3.1031	-2.604
ILMN_1674063	OAS2	NM_016817.2	4939	-3.2671	-3.4097	-1.1497	-2.609
ILMN_1774375	LOC284422	XM_209196.5	284422	-1.2009	-3.4904	-3.1447	-2.612
ILMN_1695311	HLA-DMA	NM_006120.2	3108	-2.2802	-3.2309	-2.3482	-2.620
ILMN_1779677	ZCCHC6	NM_024617.2	79670	-1.8647	-2.6902	-3.3219	-2.626
ILMN_1654629	TMEM175	NM_032326.2	84286	-1.6124	-2.9901	-3.3543	-2.652
ILMN_1684943	TRAT1	NM_016388.2	50852	-3.4739	-2.9326	-1.5735	-2.660
ILMN_2216582	LYL1	NM_005583.3	4066	-1.4712	-3.98	-2.5344	-2.662
ILMN_1669878	GUSB	NM_000181.2	2990	-1.4348	-3.3802	-3.1956	-2.670
ILMN_1733559	LOC10000858	NR_003287.1		-1.2183	-3.3918	-3.4059	-2.672
ILMN_1652533	DKFZp434K19	NM_001029950.1	29797	-2.8887	-2.9353	-2.2182	-2.681
ILMN_1802131	SLC13A1	NM_022444.3	6561	-1.0171	-3.8977	-3.1348	-2.683
ILMN_1786426	TMEM149	NM_024660.2	79713	-3.3848	-1.2721	-3.3956	-2.684
ILMN_2212763	ICAM3	NM_002162.2	3385	-3.6849	-1.837	-2.5504	-2.691
ILMN_1700268	QPRT	NM_014298.3	23475	-1.3058	-3.5021	-3.3272	-2.712
ILMN_1738678	C9orf130	XM_939697.1	286354	-2.6747	-3.1883	-2.356	-2.740
ILMN_1752755	VWF	NM_000552.3	7450	-1.8001	-4.4323	-2.0032	-2.745
ILMN_1743663	POMT1	NM_007171.2	10585	-1.8323	-3.1877	-3.2207	-2.747
ILMN_2228780	SLC5A11	NM_052944.2	115584	-1.0888	-3.5474	-3.7439	-2.793
ILMN_1764230	GNPTG	NM_032520.3	84572	-1.071	-3.7829	-3.563	-2.806
ILMN_1811117	LOC400986	XM_001126815.1	400986	-2.4815	-2.9369	-3.0013	-2.807
ILMN_1653575	IL18BP	NM_173044.1	10068	-1.6077	-3.5664	-3.25	-2.808
ILMN_1694780	GCHFR	NM_005258.2	2644	-2.5207	-2.8098	-3.141	-2.824
ILMN_1660125	SFMBT2	NM_001029880.1	57713	-2.5086	-2.6005	-3.4101	-2.840
ILMN_1792538	CD7	NM_006137.6	924	-5.0813	-1.585	-1.8677	-2.845
ILMN_2305407	ZBTB16	NM_006006.4	7704	-2.1117	-3.1828	-3.2774	-2.857
ILMN_1661335	SPTBN1	NM_003128.2	6711	-2.7971	-2.7731	-3.0127	-2.861
ILMN_1682993	NGK7	NM_005601.3	4818	-5.1142	-1.5888	-1.8993	-2.867
ILMN_1779875	THY1	NM_006288.2	7070	-1.4492	-4.0854	-3.0689	-2.868
ILMN_1749403	TSPAN33	NM_178562.2	340348	-1.6185	-3.783	-3.2283	-2.877
ILMN_1794213	ABHD14A	NM_015407.3	25864	-1.3945	-3.9689	-3.2716	-2.878
ILMN_1729234	TPP1	NM_000391.3	1200	-1.4544	-3.9787	-3.2309	-2.888
ILMN_1711617	GMFG	NM_004877.1	9535	-3.6235	-3.165	-1.8761	-2.888
ILMN_1697377	LOC649841	XM_938906.2	649841	-3.1696	-2.7999	-2.6992	-2.890
ILMN_1675266	NAGPA	NM_016256.2	51172	-1.7201	-3.4658	-3.5095	-2.898
ILMN_2183687	LIME1	NM_017806.1	54923	-3.036	-3.1755	-2.6034	-2.938
ILMN_1808395	CENTB1	NM_014716.2	9744	-5.2393	-1.9651	-1.6339	-2.946
ILMN_2415776	WVVOX	NM_130844.1	51741	-1.86	-3.5393	-3.4868	-2.962
ILMN_1662587	PNPLA7	NM_152286.2	375775	-3.0075	-2.9346	-3.0404	-2.994
ILMN_1785570	SUSD3	NM_145006.2	203328	-3.4963	-2.7389	-2.754	-2.996
ILMN_1690979	SLC17A3	NM_001098486.1	10786	-1.5581	-3.9724	-3.537	-3.023
ILMN_1774901	GDPD3	NM_024307.2	79153	-1.7896	-3.7312	-3.5877	-3.036
ILMN_1725441	NFATC2IP	NM_032815.3	84901	-2.0983	-3.6321	-3.3867	-3.039
ILMN_1740443	LOC728811	XR_015382.1	728811	-1.7655	-4.0521	-3.3341	-3.051
ILMN_1727098	PPP1R16B	NM_015568.2	26051	-4.7465	-2.4225	-1.9962	-3.055
ILMN_1664912	IL11RA	NM_004512.3	3590	-4.8116	-2.1558	-2.2415	-3.070
ILMN_1746819	C5	NM_001735.2	727	-1.2157	-4.0617	-3.9669	-3.081
ILMN_1713156	MSL3L1	NM_078629.1	10943	-3.5539	-3.0914	-2.6768	-3.107
ILMN_1793182	SLC36A2	NM_181776.1	153201	-1.5098	-4.5153	-3.3151	-3.113
ILMN_1743205	ABCA7	NM_019112.3	10347	-3.8854	-2.7687	-2.6931	-3.116
ILMN_1690884	APOA1	NM_000039.1	335	-1.2322	-4.3271	-3.8188	-3.126
ILMN_2127842	HBA2	NM_000517.3	3040	-5.5367	-2.4795	-1.4794	-3.165
ILMN_1690064	RUNDC2C	NR_002939.2		-2.1187	-3.629	-3.7664	-3.171
ILMN_1690040	TM7SF2	NM_003273.2	7108	-1.2704	-4.2578	-4.0268	-3.185
ILMN_2408748	SLC22A12	NM_153378.1	116085	-2.5333	-4.3111	-2.8701	-3.238
ILMN_2208903	CD52	NM_001803.2	1043	-5.5937	-2.3001	-1.9095	-3.268
ILMN_1691264	NAT8B	NM_016347.2	51471	-1.0914	-4.7938	-4.0096	-3.298
ILMN_1781514	PCDH17	NM_014459.2	27253	-1.398	-4.8822	-3.6158	-3.299
ILMN_2366212	CD79B	NM_001039933.1	974	-3.3555	-3.3162	-3.2433	-3.305
ILMN_1713807	MAN1C1	NM_020379.2	57134	-1.7074	-4.3232	-3.8968	-3.309
ILMN_1711078	CDC2L2	NM_024011.2	728642	-2.3685	-3.862	-3.7282	-3.320
ILMN_1782939	ALB	NM_000477.3	213	-1.8006	-4.8911	-3.3363	-3.343
ILMN_2113535	PCYOX1	NM_016297.2	51449	-1.6394	-4.8136	-3.7619	-3.405
ILMN_1682763	ALB	NM_000477.3	213	-1.5791	-5.0909	-3.5887	-3.420
ILMN_1778723	AMICA1	NM_153206.1	120425	-5.5477	-2.4556	-2.2723	-3.425
ILMN_1810233	UGT2B11	NM_001073.1	10720	-1.0132	-5.0013	-4.2688	-3.428
ILMN_2296510	SLC5A12	NM_001042366.1	159963	-1.0942	-5.0386	-4.1688	-3.434
ILMN_1735386	SLC22A11	NM_018484.2	55867	-1.6903	-4.6664	-3.9781	-3.445
ILMN_1776678	GIMAP7	NM_153236.3	168537	-3.8583	-3.9364	-2.5964	-3.464
ILMN_1663699	SLC03A1	NM_013272.2	28232	-1.3682	-4.7712	-4.417	-3.519
ILMN_1735445	SLC7A9	NM_014270.3	11136	-1.3374	-5.0109	-4.3157	-3.555
ILMN_2377669	CD247	NM_198053.1	919	-6.305	-2.794	-1.6529	-3.584
ILMN_1737387	LOC728441	XM_001129412.1	728441	-1.0745	-5.1222	-4.5961	-3.598
ILMN_2252309	DPP7	NM_013379.2	29952	-2.8388	-4.2739	-3.9222	-3.678
ILMN_1746565	CD6	NM_006725.2	923	-6.7803	-3.0894	-1.2043	-3.691
ILMN_2415786	CD96	NM_005816.4	10225	-6.5281	-2.6923	-1.9193	-3.713
ILMN_2405391	SLC22A6	NM_153276.1	9356	-1.5286	-5.4042	-4.2805	-3.738
ILMN_1755203	CUBN	NM_001081.3	8029	-2.7305	-4.8717	-3.7061	-3.769
ILMN_2079655	KLRB1	NM_002258.2	3820	-6.5913	-2.4924	-2.2322	-3.772
ILMN_1731941	APOM	NM_019101.2	55937	-1.6773	-5.2207	-4.4455	-3.781
ILMN_1753340	LOC728226	XM_001128310.1	728226	-1.3175	-5.2696	-4.7772	-3.788
ILMN_1795089	FLJ21438	NM_022904.1	64926	-5.2378	-4.4789	-1.8048	-3.841
ILMN_2078599	ACP5	NM_001611.2	54	-1.296	-5.3233	-4.9695	-3.863
ILMN_1808677	UGT2B17	NM_001077.2	7367	-1.2416	-5.638	-4.7693	-3.883
ILMN_1815480	NAT8	NM_003960.2	9027	-1.6793	-5.3909	-4.635	-3.902
ILMN_1780060	FCN3	NM_003665.2	8547	-1.7571	-5.7657	-4.1954	-3.906
ILMN_1676924	CD247	NM_000734.2	919	-6.1577	-2.8765	-2.7632	-3.932
ILMN_1777797	AFM	NM_001133.2	173	-1.126	-5.8538	-4.8799	-3.953
ILMN_1740005	SERPINF2	NM_000934.3	5345	-1.213	-5.4982	-5.1849	-3.965
ILMN_1701603	ALPL	NM_000478.3	249	-1.3346	-5.7566	-5.2753	-4.122



ILMN_2162819	UGT2B11	NM_001073.1	10720	-1.3058	-5.854	-5.3208	-4.160
ILMN_1797154	AZGP1	NM_001185.2	563	-1.1474	-6.1649	-5.2778	-4.197
ILMN_1714446	PLG	NM_000301.1	5340	-1.5173	-6.2575	-4.8527	-4.209
ILMN_1670779	DPEP1	NM_004413.2	1800	-1.5257	-5.7773	-5.398	-4.234
ILMN_2390017	SLC22A6	NM_004790.3	9356	-1.6881	-5.9987	-5.1495	-4.279
ILMN_1743357	XPNPEP2	NM_003399.5	7512	-1.8813	-6.2042	-5.3321	-4.473
ILMN_1693270	SUSD2	NM_019601.3	56241	-2.1805	-5.866	-5.6375	-4.561
ILMN_2167252	C1orf179	NM_176782.1	338094	-1.6187	-5.997	-6.2087	-4.608
ILMN_2167259	C1orf179	NM_176782.1	338094	-2.6334	-6.0314	-6.2754	-4.980