

Full differential gene expression results for T-cells.

gene_short_name	estimate	std_err	test_val	p_value	normalized_effect	model_component	q_value
SPP1	-4.5821068	1.0604845	-4.3208	1.60E-05	-5.673479533	count	0.384256
APOC1	-17.932354	592.099898	-0.0303	0.976	-4.866909656	count	1
APOE	-3.3841943	0.736581	-4.5945	4.50E-06	-4.190406145	count	0.1082745
ITLN1	-17.882229	738.0153187	-0.0242	0.981	-4.074785791	count	1
IGKC	-2.3024627	0.0819754	-28.0872	2.89E-156	-3.152885805	count	7.03E-152
CPVL	-17.737501	993.6453293	-0.0179	0.986	-2.738799102	count	1
FN1	-3.3586466	0.8451283	-3.9741	7.21E-05	-2.733847537	count	1
MGP	-1.9954048	0.1472577	-13.5504	8.88E-41	-2.722991675	count	2.16E-36
CCL20	-3.2935327	1.4148698	-2.3278	0.02	-2.687842463	count	1
MS4A7	-3.448449	1.5521173	-2.2218	0.0264	-2.55627894	count	1
IGLC2	-2.1453451	0.1460838	-14.6857	2.19E-47	-2.480280904	count	5.32E-43
CXCL3	-2.467837	0.9346565	-2.6404	0.00832	-2.470832249	count	1
CCL2	-1.9264816	0.3479804	-5.5362	3.33E-08	-2.421125137	count	0.000804628
C1QA	-2.6012081	0.5068639	-5.132	3.03E-07	-2.383301853	count	0.00731139
CD86	-17.054126	985.9503087	-0.0173	0.986	-2.238235802	count	1
LYZ	-1.7338212	0.3401844	-5.0967	3.64E-07	-2.192290142	count	0.0087815
IL1B	-2.7205517	0.9111841	-2.9857	0.00285	-2.138192154	count	1
CD68	-1.8843182	0.4556866	-4.1351	3.63E-05	-2.08581289	count	0.8705466
PPP1R14A	-2.7708666	0.8479046	-3.2679	0.00109	-2.084237857	count	1
RNASE1	-1.644742	0.3933158	-4.1817	2.97E-05	-2.070823791	count	0.7124733
CD14	-2.0341351	0.4673415	-4.3526	1.39E-05	-2.057903156	count	0.3338919
MT1H	-17.29334	1377.623198	-0.0126	0.99	-2.046531099	count	1
MS4A4A	-2.810909	1.3978831	-2.0108	0.0444	-1.930251686	count	1
TAGLN	-1.5681707	0.2073233	-7.5639	5.01E-14	-1.870962623	count	1.22E-09
CTSL	-1.504728	0.2510194	-5.9945	2.26E-09	-1.832083729	count	5.47E-05
C5orf17	-18.08898	1633.908086	-0.0111	0.991	-1.82539154	count	1
TPSB2	-16.859728	1046.945944	-0.0161	0.987	-1.825391416	count	1
AL117379.1	-17.736597	1527.376081	-0.0116	0.991	-1.825391311	count	1
ABCA1	-2.1875461	0.7974038	-2.7433	0.00611	-1.813894545	count	1
C1QB	-1.8547707	0.4031784	-4.6004	4.37E-06	-1.813411053	count	0.10515094
TPM2	-1.9453667	0.354798	-5.483	4.49E-08	-1.813077784	count	0.001084739
C15orf48	-1.557815	0.8565712	-1.8187	0.0691	-1.801361253	count	1
CXCL2	-2.0474655	0.6433057	-3.1827	0.00147	-1.800064544	count	1
HMOX1	-1.723795	0.5487265	-3.1414	0.0017	-1.780548524	count	1
SDS	-17.6049717	1289.109583	-0.0137	0.989	-1.743444528	count	1
MUC20	-17.650153	2071.551051	-0.0085	0.993	-1.74344443	count	1
MARCO	-16.982873	1094.333334	-0.0155	0.988	-1.743444361	count	1
C1QC	-1.7603227	0.5223729	-3.3699	0.00076	-1.728136552	count	1
FABP4	-1.353858	0.3940721	-3.4356	0.000598	-1.726690304	count	1
RAB32	-2.4464493	1.1668549	-2.0966	0.0361	-1.726365162	count	1
AQP9	-17.923285	1963.847383	-0.0091	0.993	-1.656561559	count	1
AC008040.1	-17.601944	2075.727912	-0.0085	0.993	-1.65656154	count	1
JCHAIN	-1.72997	0.2513857	-6.8817	7.01E-12	-1.649141537	count	1.70E-07
VCAN	-2.4938554	0.7209934	-3.4589	0.000549	-1.642447094	count	1

BGN	-2.2625395	0.5735536	-3.9448	8.15E-05	-1.61513035	count	1
CXCL8	-1.312535	0.440274	-2.9812	0.00289	-1.610440858	count	1
ZNF69	-2.226386	1.1451594	-1.9442	0.052	-1.601581578	count	1
MYL9	-2.058107	0.5959088	-3.4537	0.00056	-1.575051817	count	1
OGN	-2.4164333	1.0031641	-2.4088	0.0161	-1.565426476	count	1
CD300LB	-17.827886	1892.75613	-0.0094	0.992	-1.564108888	count	1
SOX18	-17.061447	1184.45748	-0.0144	0.989	-1.564108829	count	1
CRTAC1	-17.9887682	1161.631679	-0.0155	0.988	-1.564108418	count	1
IGHG3	-2.123499	0.3171155	-6.6963	2.49E-11	-1.561049749	count	6.03E-07
IFIT1	-1.5388017	0.4255106	-3.6164	0.000303	-1.55998709	count	1
GBP7	-1.4859533	0.4205999	-3.5329	0.000416	-1.469761129	count	1
CXCL1	-17.209579	1396.416572	-0.0123	0.99	-1.465322718	count	1
MMP19	-17.161166	1174.398452	-0.0146	0.988	-1.465322714	count	1
HLA-DRA	-1.001033	0.1038747	-9.6369	1.06E-21	-1.417685587	count	2.58E-17
LY86	-2.450199	1.403975	-1.7452	0.081	-1.389983551	count	1
IL1RN	-2.8069147	1.1848269	-2.3691	0.0179	-1.387493864	count	1
SELENOP	-2.4351697	0.629901	-3.866	0.000113	-1.386335459	count	1
RGS5	-1.8891609	0.5234164	-3.6093	0.000311	-1.372651668	count	1
CYBB	-18.0330142	1132.409351	-0.0159	0.987	-1.359272499	count	1
PLA2G7	-17.917365	1842.387199	-0.0097	0.992	-1.359272495	count	1
LILRA5	-17.663611	2425.008907	-0.0073	0.994	-1.359272484	count	1
LINC02531	-17.604846	2173.454666	-0.0081	0.994	-1.359272481	count	1
CTSG	-17.43701	1712.375113	-0.0102	0.992	-1.359272472	count	1
ADAP2	-17.286983	1361.775733	-0.0127	0.99	-1.359272462	count	1
TREM2	-17.133198	1402.418875	-0.0122	0.99	-1.35927245	count	1
PTN	-17.122678	1398.180684	-0.0122	0.99	-1.359272449	count	1
GPNMB	-17.088925	1075.066532	-0.0159	0.987	-1.359272446	count	1
SMPDL3A	-16.367591	1130.567107	-0.0145	0.988	-1.359272356	count	1
NXPH4	-2.328868	1.2181899	-1.9117	0.056	-1.359226048	count	1
NOV	-1.457871	1.0785852	-1.3517	0.177	-1.351670484	count	1
TLCD1	-2.2346282	0.8978295	-2.4889	0.0129	-1.333196937	count	1
MFSD3	-1.501594	0.6884256	-2.1812	0.0292	-1.30718004	count	1
RNASE6	-1.1115875	0.4029766	-2.7584	0.00584	-1.302495063	count	1
EFEMP1	-3.4644802	1.373906	-2.5216	0.0117	-1.28211978	count	1
IGHA1	-2.038261	0.1994091	-10.2215	3.54E-24	-1.272466044	count	8.60E-20
C1orf54	-1.8827253	1.0450418	-1.8016	0.0717	-1.272358393	count	1
IGHG1	-1.396669	0.2087909	-6.6893	2.61E-11	-1.262570639	count	6.32E-07
A2M	-1.4636862	0.4960582	-2.9506	0.00319	-1.254791931	count	1
HPCA	-17.471782	2573.782375	-0.0068	0.995	-1.244803986	count	1
PRELID3A	-17.468752	1510.90541	-0.0116	0.991	-1.244803985	count	1
SLAMF9	-17.467929	1319.551628	-0.0132	0.989	-1.244803985	count	1
AL391262.1	-17.373874	1757.193764	-0.0099	0.992	-1.24480398	count	1
CCL8	-17.054399	1041.363891	-0.0164	0.987	-1.244803959	count	1
NES	-16.57759	1221.959741	-0.0136	0.989	-1.244803912	count	1
NAV2	-17.5395548	1453.390464	-0.0121	0.99	-1.244803655	count	1

MAMSTR	-17.3277737	1202.578042	-0.0144	0.989	-1.244803644	count	1
LGMN	-1.7958648	0.8934042	-2.0101	0.0445	-1.236901696	count	1
IFI27	-1.047613	0.374199	-2.7996	0.00515	-1.23411651	count	1
CYR61	-1.7647186	0.5477999	-3.2215	0.00129	-1.223667987	count	1
ZNF354C	-2.0825736	1.2016867	-1.733	0.0832	-1.222861703	count	1
HLA-DMB	-0.9985252	0.2120851	-4.7081	2.60E-06	-1.217843568	count	0.0625976
RBAK	-1.7490289	0.5923809	-2.9525	0.00317	-1.216896077	count	1
PHF13	-1.0426202	0.1877074	-5.5545	3.00E-08	-1.206950836	count	0.00072498
FCGR2A	-1.8216998	0.6477028	-2.8126	0.00494	-1.194406778	count	1
KIAA1841	-1.1952298	0.4447452	-2.6874	0.00724	-1.18650904	count	1
AIM2	-1.0901732	0.2558224	-4.2614	2.09E-05	-1.158876677	count	0.5017881
CAV1	-1.8590385	0.7034577	-2.6427	0.00826	-1.14989071	count	1
SPI1	-1.6826394	0.9762765	-1.7235	0.0849	-1.137643308	count	1
EDN1	-1.7937683	0.9780406	-1.834	0.0667	-1.126233931	count	1
AC020922.3	-17.703399	2051.768299	-0.0086	0.993	-1.12046368	count	1
TMEM244	-17.557869	1960.676393	-0.009	0.993	-1.120463675	count	1
AC135803.1	-17.31629	2381.260388	-0.0073	0.994	-1.120463664	count	1
LINC00877	-17.31629	2381.260388	-0.0073	0.994	-1.120463664	count	1
RADIL	-17.31629	2381.260388	-0.0073	0.994	-1.120463664	count	1
AC026250.1	-17.31629	2381.260388	-0.0073	0.994	-1.120463664	count	1
ISLR2	-17.31629	2381.260388	-0.0073	0.994	-1.120463664	count	1
AC120114.1	-17.31454	1771.946915	-0.0098	0.992	-1.120463664	count	1
LINC02327	-17.31437	1680.538855	-0.0103	0.992	-1.120463663	count	1
CHI3L1	-17.30579	1734.178152	-0.01	0.992	-1.120463663	count	1
AC026202.3	-17.227703	1670.815274	-0.0103	0.992	-1.120463659	count	1
NMU	-17.227703	1670.815274	-0.0103	0.992	-1.120463659	count	1
TMEM255B	-16.958251	1465.720232	-0.0116	0.991	-1.120463642	count	1
PCDH7	-18.29519	1899.77651	-0.0096	0.992	-1.120463618	count	1
DPT	-17.3988395	1300.22781	-0.0134	0.989	-1.12046359	count	1
CTGF	-1.1299424	0.3395347	-3.3279	0.000884	-1.116398816	count	1
EIF5AL1	-1.9323984	0.9841606	-1.9635	0.0497	-1.109055019	count	1
TMEM176B	-1.9266093	0.8860229	-2.1744	0.0297	-1.107253995	count	1
RAD18	-1.0447658	0.2896608	-3.6069	0.000314	-1.105904919	count	1
MAFB	-1.4926847	0.5366472	-2.7815	0.00544	-1.09594118	count	1
HLA-DQA1	-0.8308973	0.1432508	-5.8003	7.23E-09	-1.094549427	count	0.00017485
ABCG1	-0.8550204	0.1899082	-4.5023	6.95E-06	-1.08950763	count	0.1671336
PLAC9	-2.5372582	1.0168599	-2.4952	0.0126	-1.079012603	count	1
FGD4	-2.5144511	1.7474924	-1.4389	0.15	-1.0754433	count	1
MYLK	-1.6491174	0.9973522	-1.6535	0.0983	-1.06978274	count	1
PDIK1L	-1.0517774	0.3209777	-3.2768	0.00106	-1.064016965	count	1
IFI44L	-0.838496	0.2423432	-3.46	0.000547	-1.063758457	count	1
CDKN3	-0.9114399	0.3893155	-2.3411	0.0193	-1.056425245	count	1
RSAD2	-0.9058868	0.3512831	-2.5788	0.00996	-1.050476526	count	1
AIF1	-0.8157064	0.2957685	-2.7579	0.00585	-1.049554148	count	1
TMEM176A	-1.336655	0.9164345	-1.4585	0.145	-1.049520619	count	1

CCL18	-1.5950185	0.7750186	-2.058	0.0397	-1.047198825	count	1
TYMP	-0.747502	0.1135517	-6.5829	5.32E-11	-1.042915365	count	1.29E-06
FOLR2	-2.3214483	0.8948897	-2.5941	0.00952	-1.042258119	count	1
GM2A	-1.4680792	0.7646558	-1.9199	0.055	-1.039180299	count	1
AC092747.4	-2.2652082	1.2714422	-1.7816	0.0749	-1.031518378	count	1
WDR90	-1.913838	1.2868614	-1.4872	0.137	-1.031278342	count	1
ALDH2	-1.2418945	0.7006902	-1.7724	0.0764	-1.024214195	count	1
OLR1	-2.2178529	1.4451257	-1.5347	0.125	-1.022074964	count	1
ITPR1PL2	-1.0085712	0.5149166	-1.9587	0.0502	-1.012529583	count	1
FBP1	-0.8995193	0.3877218	-2.32	0.0204	-1.007114993	count	1
MZB1	-0.9376484	0.3104862	-3.0199	0.00255	-1.004427914	count	1
PXDC1	-1.492285	1.3426091	-1.1115	0.266	-1.002034526	count	1
MKI67	-1.3791499	0.8115621	-1.6994	0.0893	-0.994345851	count	1
RAB13	-1.294778	0.7265296	-1.7821	0.0748	-0.988786063	count	1
IGFBP7	-0.7077141	0.1302767	-5.4324	5.95E-08	-0.984812116	count	0.001437163
TPX2	-1.2290887	0.5866172	-2.0952	0.0362	-0.984620912	count	1
CLN6	-2.6016936	1.3598533	-1.9132	0.0558	-0.984399567	count	1
UNC13A	-18.0532991	2480.187721	-0.0073	0.994	-0.984387765	count	1
CHST1	-17.8443294	1967.830633	-0.0091	0.993	-0.98438776	count	1
IL18	-17.6426509	1132.647391	-0.0156	0.988	-0.984387754	count	1
SDC2	-17.4161454	1194.529163	-0.0146	0.988	-0.984387747	count	1
IBSP	-17.3488453	1490.673626	-0.0116	0.991	-0.984387744	count	1
PILRA	-17.068264	1416.756103	-0.012	0.99	-0.984387731	count	1
GAPT	-17.855923	2247.013102	-0.0079	0.994	-0.984387546	count	1
TREM1	-17.57578	2516.324379	-0.007	0.994	-0.984387538	count	1
HCK	-17.498673	1456.31628	-0.012	0.99	-0.984387536	count	1
IGLC7	-17.232002	1750.293945	-0.0098	0.992	-0.984387525	count	1
AL390036.1	-17.132223	2171.888485	-0.0079	0.994	-0.98438752	count	1
TBC1D8-AS1	-17.132223	2171.888485	-0.0079	0.994	-0.98438752	count	1
ST3GAL6	-17.132223	2171.888485	-0.0079	0.994	-0.98438752	count	1
LINC01511	-17.132223	2171.888485	-0.0079	0.994	-0.98438752	count	1
AC005082.1	-17.132223	2171.888485	-0.0079	0.994	-0.98438752	count	1
CST6	-17.132223	2171.888485	-0.0079	0.994	-0.98438752	count	1
METTL7B	-17.132223	2171.888485	-0.0079	0.994	-0.98438752	count	1
DHRS9	-17.130459	1563.372944	-0.011	0.991	-0.98438752	count	1
ANXA3	-17.130459	1563.372944	-0.011	0.991	-0.98438752	count	1
SOX30	-17.130459	1563.372944	-0.011	0.991	-0.98438752	count	1
IGF2BP3	-17.130459	1563.372944	-0.011	0.991	-0.98438752	count	1
AL450311.2	-17.130459	1563.372944	-0.011	0.991	-0.98438752	count	1
LGALS4	-16.872097	1193.125469	-0.0141	0.989	-0.984387505	count	1
MX1	-0.7235415	0.1486423	-4.8677	1.18E-06	-0.982275048	count	0.02843918
NR1H3	-2.0114597	1.1245031	-1.7888	0.0737	-0.976343008	count	1
AC051619.5	-1.34402	1.1304028	-1.189	0.235	-0.975970087	count	1
SPATS2L	-0.7529896	0.1769435	-4.2555	2.14E-05	-0.975589701	count	0.5137284
DIXDC1	-0.945589	0.5875871	-1.6093	0.108	-0.969235578	count	1

QPCT	-1.3290676	0.5968113	-2.2269	0.026	-0.968033972	count	1
TIMP2	-0.7945367	0.3685455	-2.1559	0.0312	-0.961019864	count	1
HELZ2	-0.837184	0.2593595	-3.2279	0.00126	-0.960634029	count	1
EFHD1	-1.2442298	0.8892111	-1.3993	0.162	-0.959443107	count	1
CLEC7A	-1.6792404	0.7027581	-2.3895	0.0169	-0.957411208	count	1
CCNE1	-2.3942722	1.2238204	-1.9564	0.0505	-0.95516852	count	1
TRAF3IP2	-0.8748712	0.3157144	-2.7711	0.00562	-0.951926404	count	1
HLA-DRB5	-0.6834472	0.1080348	-6.3262	2.84E-10	-0.948609101	count	6.88E-06
TM4SF1	-1.3683516	0.4809195	-2.8453	0.00446	-0.943479608	count	1
DYNLT1	-0.6628817	0.0714101	-9.2827	2.86E-20	-0.940155772	count	6.95E-16
ZNF584	-1.4520047	0.5469864	-2.6546	0.00798	-0.931008288	count	1
NR2F6	-1.4457714	0.4768701	-3.0318	0.00245	-0.928293592	count	1
CEP112	-1.5911543	0.7710294	-2.0637	0.0391	-0.926259781	count	1
LMO2	-1.4336394	0.9933881	-1.4432	0.149	-0.922978675	count	1
BMF	-1.423667	0.658588	-2.1617	0.0307	-0.918578553	count	1
SERPINE1	-2.1684371	1.5129911	-1.4332	0.152	-0.91677427	count	1
GPR35	-0.9283951	0.3726306	-2.4915	0.0128	-0.914677163	count	1
G0S2	-0.7614564	0.5645723	-1.3487	0.178	-0.912918506	count	1
IGHM	-1.2256855	0.7061338	-1.7358	0.0827	-0.911272635	count	1
SNHG21	-0.9031137	0.450055	-2.0067	0.0449	-0.90606538	count	1
FHL2	-1.3947201	0.6260825	-2.2277	0.026	-0.905647811	count	1
FAM171A2	-1.746922	0.9524706	-1.8341	0.0667	-0.905643223	count	1
RBM11	-3.0000187	1.3090408	-2.2918	0.022	-0.905493636	count	1
ING2	-0.6543636	0.1020994	-6.4091	1.67E-10	-0.904807022	count	4.04E-06
MAP1B	-1.52152	0.6467162	-2.3527	0.0187	-0.900240906	count	1
ZFAND4	-1.3789553	0.5206998	-2.6483	0.00813	-0.898505314	count	1
SMYD5	-1.2018388	0.4970677	-2.4179	0.0157	-0.89770924	count	1
ACTA2	-0.6761603	0.1624924	-4.1612	3.24E-05	-0.897101259	count	0.7770492
NUPR1	-1.2723411	0.704716	-1.8055	0.0711	-0.894985599	count	1
SAPCD2	-2.0538289	1.3004758	-1.5793	0.114	-0.894313105	count	1
SHTN1	-1.0471353	0.6402985	-1.6354	0.102	-0.893025093	count	1
AK1	-1.5001273	0.6889371	-2.1775	0.0295	-0.8919951	count	1
HSPG2	-2.0313518	0.9194028	-2.2094	0.0272	-0.889653488	count	1
RCBTB1	-0.8104988	0.3519887	-2.3026	0.0214	-0.887556874	count	1
HNRNPA1P48	-0.9324999	0.2831702	-3.2931	0.001	-0.887445464	count	1
NRAV	-1.351691	0.9024074	-1.4979	0.134	-0.885984953	count	1
TOP2B	-0.6704262	0.1356785	-4.9413	8.14E-07	-0.884993442	count	0.019626354
VSIG10	-1.1738092	0.6626722	-1.7713	0.0766	-0.8815405	count	1
DISP2	-1.9926124	1.7343755	-1.1489	0.251	-0.881419223	count	1
PLTP	-1.6661577	0.6257457	-2.6627	0.00779	-0.881068643	count	1
KNL1	-1.6601021	0.7102207	-2.3374	0.0195	-0.879166369	count	1
CDK1	-0.9385666	0.4668925	-2.0102	0.0445	-0.875214376	count	1
TEP1	-1.3273047	0.572898	-2.3168	0.0206	-0.874605592	count	1
ZNF45	-1.161899	0.620106	-1.8737	0.0611	-0.874596115	count	1
CD36	-0.7440519	0.5467116	-1.361	0.174	-0.873935444	count	1

THBS2	-1.9526945	1.5940518	-1.225	0.221	-0.87265962	count	1
ISG15	-0.6129801	0.0887128	-6.9097	5.77E-12	-0.870838013	count	1.40E-07
CBR3	-0.8081111	0.3068613	-2.6335	0.00849	-0.869216166	count	1
FCGR2B	-1.0511072	0.5030743	-2.0894	0.0367	-0.869081144	count	1
ARMCX5	-0.7785182	0.3285606	-2.3695	0.0179	-0.868877152	count	1
SYNC	-0.7322473	0.1909614	-3.8345	0.000128	-0.868818812	count	1
OAS3	-0.9518972	0.4286252	-2.2208	0.0264	-0.867058391	count	1
C2orf40	-1.4319908	0.6496203	-2.2044	0.0276	-0.864927072	count	1
ZBTB11	-0.6662968	0.1332896	-4.9989	6.06E-07	-0.862897587	count	0.014613084
MTUS1	-0.9458505	0.537276	-1.7605	0.0784	-0.862323367	count	1
FANCI	-1.2091083	0.6007735	-2.0126	0.0442	-0.861531443	count	1
SLC43A2	-1.899075	1.2906573	-1.4714	0.141	-0.860442437	count	1
AL163051.1	-1.888868	0.8828685	-2.1395	0.0325	-0.858056909	count	1
WHRN	-0.8768326	0.4031188	-2.1751	0.0297	-0.855707388	count	1
VPS33B	-0.9884161	0.5287253	-1.8694	0.0616	-0.851084384	count	1
PTTG1	-0.6027437	0.1067314	-5.6473	1.76E-08	-0.848746769	count	0.000425445
LEAP2	-1.2729907	0.588281	-2.1639	0.0305	-0.84864283	count	1
TP53TG5	-1.558161	1.5370068	-1.0138	0.311	-0.845858353	count	1
RGS17	-1.012032	0.853825	-1.1853	0.236	-0.842362087	count	1
TPPP	-1.1727159	0.7593576	-1.5444	0.123	-0.841727826	count	1
EZR	-0.5862506	0.0484502	-12.1001	5.00E-33	-0.840340507	count	1.22E-28
ANG	-0.9170114	0.5513781	-1.6631	0.0964	-0.839583798	count	1
SCX	-1.247599	0.9558297	-1.3053	0.192	-0.836210664	count	1
AC068338.2	-0.8886741	0.4688674	-1.8954	0.0581	-0.834542082	count	1
DEPDC1	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
LINC01954	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
HR	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
CNTNAP3	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
ITGA7	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
PCDH17	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
AC087292.1	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
AC116407.1	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
FSCN2	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
AC137723.1	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
SYT4	-17.906992	3199.457207	-0.0056	0.996	-0.834127889	count	1
AL451062.3	-17.90538	2258.318553	-0.0079	0.994	-0.834127889	count	1
KLLN	-17.90538	2258.318553	-0.0079	0.994	-0.834127889	count	1
SYCE1	-17.90538	2258.318553	-0.0079	0.994	-0.834127889	count	1
AL031055.1	-17.90538	2258.318553	-0.0079	0.994	-0.834127889	count	1
KREMEN1	-17.90538	2258.318553	-0.0079	0.994	-0.834127889	count	1
AC234772.3	-17.74201	2604.201066	-0.0068	0.995	-0.834127886	count	1
ADGRG3	-17.74201	2604.201066	-0.0068	0.995	-0.834127886	count	1
GPR25	-17.740928	2099.017963	-0.0085	0.993	-0.834127886	count	1
AP000759.1	-17.740928	2099.017963	-0.0085	0.993	-0.834127886	count	1
TVP23C-CDRT4	-17.740928	2099.017963	-0.0085	0.993	-0.834127886	count	1

GML	-17.425789	1930.306399	-0.009	0.993	-0.834127877	count	1
RASAL1	-17.42554	1788.621693	-0.0097	0.992	-0.834127877	count	1
SCARB1	-17.42554	1788.621693	-0.0097	0.992	-0.834127877	count	1
CLEC5A	-17.395777	1774.355811	-0.0098	0.992	-0.834127877	count	1
PTPRD	-17.06209	1785.142008	-0.0096	0.992	-0.834127864	count	1
CXCL12	-18.3003207	1274.529984	-0.0144	0.989	-0.834127769	count	1
FAP	-17.9593581	2481.239715	-0.0072	0.994	-0.834127763	count	1
PAX8	-17.9586844	2001.967993	-0.009	0.993	-0.834127763	count	1
NEURL2	-17.9586844	2001.967993	-0.009	0.993	-0.834127763	count	1
HSPA4L	-17.8345694	2414.237031	-0.0074	0.994	-0.834127761	count	1
LTBP1	-17.8340544	1078.001627	-0.0165	0.987	-0.834127761	count	1
RDM1	-17.8268047	1658.684437	-0.0107	0.991	-0.834127761	count	1
HIST1H2AJ	-17.7309109	2551.036632	-0.007	0.994	-0.834127759	count	1
AC093627.5	-17.7295431	1800.883421	-0.0098	0.992	-0.834127759	count	1
RAB42	-17.6554693	1954.921792	-0.009	0.993	-0.834127757	count	1
ZBTB20-AS1	-17.6371027	1966.760234	-0.009	0.993	-0.834127757	count	1
COX7A1	-17.6188597	1081.037422	-0.0163	0.987	-0.834127756	count	1
FMO2	-17.6187673	1285.658273	-0.0137	0.989	-0.834127756	count	1
CLIC4	-17.465848	1110.648536	-0.0157	0.987	-0.834127752	count	1
PLXNB2	-17.4361127	1772.411554	-0.0098	0.992	-0.834127751	count	1
CDCP1	-17.2562243	1916.878584	-0.009	0.993	-0.834127745	count	1
COPS4	-0.6215198	0.1456873	-4.2661	2.04E-05	-0.832153244	count	0.489804
CCR5	-0.664613	0.243438	-2.7301	0.00636	-0.831527188	count	1
RBSN	-0.7262059	0.3434446	-2.1145	0.0345	-0.831013046	count	1
CENPF	-0.6361993	0.2708248	-2.3491	0.0189	-0.827120478	count	1
KIAA0355	-0.668136	0.2858481	-2.3374	0.0195	-0.824865147	count	1
FGFR1	-1.2241721	0.3632849	-3.3697	0.000761	-0.824573575	count	1
ZNF90	-1.0767859	0.3548125	-3.0348	0.00243	-0.823684006	count	1
EIF4EBP1	-0.6079209	0.1607576	-3.7816	0.000159	-0.819719013	count	1
ALG1L	-1.7348708	1.7859395	-0.9714	0.331	-0.819647996	count	1
TIMP1	-0.5771438	0.0813724	-7.0926	1.59E-12	-0.818773769	count	3.86E-08
STAU2	-0.661912	0.2023088	-3.2718	0.00108	-0.817470733	count	1
SLC11A1	-0.9742595	0.5895858	-1.6524	0.0985	-0.816075812	count	1
AKAP2	-1.063709	0.844346	-1.2598	0.208	-0.815662075	count	1
LTBR	-2.1850131	1.2607046	-1.7332	0.0832	-0.813553911	count	1
MLKL	-0.7187845	0.2375274	-3.0261	0.0025	-0.81228715	count	1
NNMT	-1.7006875	0.5385684	-3.1578	0.0016	-0.810484348	count	1
CEBPD	-0.5722384	0.1564307	-3.6581	3.00E-04	-0.808324727	count	1
BIVM	-1.0030064	0.4794191	-2.0921	0.0365	-0.808278622	count	1
IGSF6	-0.7546119	0.5571263	-1.3545	0.176	-0.808041244	count	1
TNK2	-0.6879207	0.2793031	-2.463	0.0138	-0.807383737	count	1
TIGD5	-0.7931896	0.3181955	-2.4928	0.0127	-0.806386885	count	1
HMG5	-0.7602749	0.3303907	-2.3011	0.0214	-0.805055247	count	1
LYSMD4	-0.850448	0.5065261	-1.679	0.0932	-0.80286667	count	1
MIR3142HG	-2.1063486	0.9362225	-2.2498	0.0245	-0.800683058	count	1

DVL3	-0.7993335	0.379219	-2.1078	0.0351	-0.800345185	count	1
PFKP	-0.6300873	0.1436456	-4.3864	1.19E-05	-0.800035292	count	0.2859451
ATP13A3	-0.6578963	0.2457752	-2.6768	0.00747	-0.799979583	count	1
FAR2	-0.7988219	0.37993	-2.1026	0.0356	-0.799882314	count	1
IFI6	-0.5730984	0.1458878	-3.9284	8.72E-05	-0.799548806	count	1
SARDH	-0.7117299	0.405528	-1.7551	0.0793	-0.799082099	count	1
AMIGO2	-0.683861	0.2407915	-2.8401	0.00454	-0.798750481	count	1
TMEM140	-0.6973741	0.2469074	-2.8244	0.00476	-0.794837705	count	1
CXCL10	-1.4110822	0.9396631	-1.5017	0.133	-0.793376743	count	1
VWF	-1.0262921	0.655993	-1.5645	0.118	-0.792414901	count	1
CPSF2	-0.6487247	0.2268072	-2.8602	0.00426	-0.791957132	count	1
MIR22HG	-0.5934428	0.1508386	-3.9343	8.51E-05	-0.791252185	count	1
MAT2A	-0.6578509	0.1495366	-4.3993	1.12E-05	-0.791090908	count	0.2691696
ALDH3A2	-0.7158887	0.3152779	-2.2707	0.0232	-0.791009209	count	1
HCFC1R1	-0.5749828	0.1463879	-3.9278	8.74E-05	-0.788834214	count	1
SPATA33	-0.7864952	0.2690372	-2.9234	0.00349	-0.788707335	count	1
KCNK1	-1.622237	1.7935053	-0.9045	0.366	-0.788536431	count	1
CORO1C	-1.076543	0.5352604	-2.0113	0.0444	-0.78745208	count	1
SLC43A1	-0.7976948	0.4670539	-1.7079	0.0877	-0.786350002	count	1
AC133644.2	-0.6645238	0.2272471	-2.9242	0.00348	-0.78505701	count	1
AC004585.1	-0.5937493	0.1873956	-3.1684	0.00155	-0.785055117	count	1
USP37	-0.6671756	0.190121	-3.5092	0.000455	-0.784220935	count	1
HECTD2	-1.0120967	0.6043915	-1.6746	0.0941	-0.783481681	count	1
CLEC14A	-0.8231661	0.6667808	-1.2345	0.217	-0.779991342	count	1
VMO1	-1.063613	1.1178312	-0.9515	0.341	-0.779939906	count	1
PAK1	-0.7098796	0.281903	-2.5182	0.0118	-0.778118188	count	1
FAM174B	-1.5848072	1.1177198	-1.4179	0.156	-0.777603422	count	1
SPRED1	-1.5805723	0.9499206	-1.6639	0.0962	-0.776347275	count	1
ATP9A	-1.9687536	1.2273941	-1.604	0.109	-0.776017906	count	1
B3GNT9	-0.8344886	0.6137207	-1.3597	0.174	-0.773102805	count	1
SOD3	-0.9133195	0.5430014	-1.682	0.0927	-0.772724666	count	1
MRPL38	-0.9467194	0.6489505	-1.4588	0.145	-0.770371096	count	1
KRBA1	-1.1175402	0.5919042	-1.888	0.0591	-0.769562568	count	1
MS4A6A	-0.7933468	0.4111392	-1.9296	0.0537	-0.769126025	count	1
MMEL1	-1.3450086	0.7887883	-1.7052	0.0883	-0.768031548	count	1
ACTN1	-0.7769199	0.2804862	-2.7699	0.00564	-0.767840712	count	1
TPRN	-0.7765466	0.2751056	-2.8227	0.00479	-0.767506984	count	1
NDC80	-0.8273202	0.314941	-2.6269	0.00866	-0.767230428	count	1
GK	-0.7744092	0.3334803	-2.3222	0.0203	-0.765595456	count	1
USP6NL	-1.5412139	0.6872182	-2.2427	0.025	-0.764484964	count	1
LINC01759	-1.2018737	0.7887229	-1.5238	0.128	-0.764177986	count	1
NASP	-0.5511493	0.0747872	-7.3696	2.14E-13	-0.763974195	count	5.19E-09
IL1R1	-1.9050521	0.9145638	-2.083	0.0373	-0.763612366	count	1
TPSAB1	-1.9030629	1.2548386	-1.5166	0.129	-0.76321448	count	1
PPP1R14B	-0.5388771	0.0875995	-6.1516	8.56E-10	-0.76296175	count	2.07E-05

NUP43	-0.9354524	0.3709109	-2.522	0.0117	-0.762664735	count	1
LACTB	-0.5612683	0.1277278	-4.3943	1.15E-05	-0.762559476	count	0.2763565
NADK2	-0.9344214	0.3209692	-2.9112	0.00362	-0.761957588	count	1
PPIF	-0.59728	0.1912565	-3.1229	0.00181	-0.760983751	count	1
SERPINA1	-0.8195344	0.7935614	-1.0327	0.302	-0.760834817	count	1
CENPU	-1.098883	0.4603952	-2.3868	0.017	-0.759591609	count	1
GPRC5D-AS1	-0.7541144	0.4718851	-1.5981	0.11	-0.759147367	count	1
OASL	-0.5360414	0.1108314	-4.8366	1.38E-06	-0.758656402	count	0.03325386
CCDC146	-0.7810689	0.340765	-2.2921	0.022	-0.758411202	count	1
METTL6	-0.7214331	0.2848261	-2.5329	0.0114	-0.758409176	count	1
CLN8	-0.7414379	0.2885137	-2.5699	0.0102	-0.758270565	count	1
TCTEX1D2	-0.643604	0.2266078	-2.8402	0.00454	-0.757794127	count	1
CALD1	-0.9283383	0.4105113	-2.2614	0.0238	-0.757778578	count	1
NACA2	-0.9280377	0.5471755	-1.6961	0.09	-0.757571781	count	1
TRIP6	-0.8356709	0.4567787	-1.8295	0.0674	-0.756269989	count	1
AL109741.1	-0.8092548	0.5115983	-1.5818	0.114	-0.752362951	count	1
RBAK-RBAKDN	-0.5990653	0.1709387	-3.5046	0.000463	-0.750243745	count	1
C17orf51	-0.9580533	0.5311077	-1.8039	0.0713	-0.748901483	count	1
C8orf88	-0.8258143	0.6331159	-1.3044	0.192	-0.748417446	count	1
OTULIN	-0.5636947	0.1369962	-4.1147	3.97E-05	-0.747375496	count	0.9518472
AC007566.1	-1.481718	1.4795026	-1.0015	0.317	-0.745898424	count	1
THBD	-1.2865239	0.589371	-2.1829	0.0291	-0.744656108	count	1
RMI1	-0.7649056	0.3675596	-2.081	0.0375	-0.744239208	count	1
KIF21B	-0.7807824	0.2670322	-2.9239	0.00348	-0.744015817	count	1
MYLIP	-0.5858848	0.1236927	-4.7366	2.26E-06	-0.743968838	count	0.05442758
HIF1A-AS2	-1.8101515	1.3744315	-1.317	0.188	-0.743898715	count	1
AC005332.8	-0.9049197	0.770988	-1.1737	0.241	-0.741583579	count	1
R3HCC1L	-0.6163886	0.1990568	-3.0965	0.00197	-0.740251363	count	1
ITGA1	-0.5923224	0.2180702	-2.7162	0.00664	-0.740220114	count	1
HAUS3	-0.561577	0.1337812	-4.1977	2.77E-05	-0.739697016	count	0.6645784
ARHGEF5	-0.9951027	0.4252596	-2.34	0.0193	-0.739285193	count	1
TTF2	-0.6445738	0.241377	-2.6704	0.00761	-0.737802671	count	1
ATAD2	-0.5628106	0.1674011	-3.362	0.000782	-0.737289486	count	1
BASP1	-0.8984884	0.5802344	-1.5485	0.122	-0.737106456	count	1
ISOC2	-0.5562654	0.2092963	-2.6578	0.0079	-0.73704188	count	1
AC137932.3	-1.7785153	0.7447118	-2.3882	0.017	-0.736986403	count	1
OVCH1-AS1	-0.8979082	0.5597456	-1.6041	0.109	-0.736701938	count	1
PLEKHO2	-0.6629899	0.3568222	-1.858	0.0632	-0.736064113	count	1
MALSU1	-0.5479519	0.1415959	-3.8698	0.000111	-0.73416473	count	1
KSR1	-0.8942324	0.5714468	-1.5649	0.118	-0.734136688	count	1
HSPA4	-0.5416951	0.1207037	-4.4878	7.43E-06	-0.731630572	count	0.17866921
NARS2	-0.6710734	0.3070366	-2.1856	0.0289	-0.7315941	count	1
CAVIN3	-1.2546318	0.660595	-1.8992	0.0576	-0.731531527	count	1
AC245060.5	-0.7237862	0.3461271	-2.0911	0.0366	-0.731195772	count	1
EMG1	-1.747952	1.3699856	-1.2759	0.202	-0.730141701	count	1

FBXO31	-1.4293683	0.5066104	-2.8214	0.00481	-0.728878424	count	1
SPARCL1	-1.742137	0.4771462	-3.6512	0.000265	-0.72882084	count	1
SAC3D1	-0.611706	0.2568124	-2.3819	0.0173	-0.72862499	count	1
KCTD10	-0.7099114	0.3368888	-2.1073	0.0352	-0.72859809	count	1
VANGL1	-0.7801584	0.3638277	-2.1443	0.0321	-0.728213296	count	1
HBP1	-0.5311627	0.0895063	-5.9344	3.25E-09	-0.724538618	count	7.86E-05
RANBP9	-0.6061711	0.2001452	-3.0287	0.00247	-0.722298063	count	1
NIPSNAP3A	-0.59595	0.2752383	-2.1652	0.0304	-0.722210164	count	1
VSIG4	-0.8433313	0.7960157	-1.0594	0.289	-0.721518589	count	1
SMIM11B	-1.401168	1.2725673	-1.1011	0.271	-0.719446769	count	1
LINC01094	-1.401168	1.321098	-1.0606	0.289	-0.719446769	count	1
MSL3	-0.531952	0.1196074	-4.4475	8.97E-06	-0.71825066	count	0.21565674
LGALS9	-0.5470227	0.2165119	-2.5265	0.0116	-0.716174493	count	1
FAM227B	-0.7327959	0.3336042	-2.1966	0.0281	-0.715863662	count	1
DHX8	-0.6031162	0.1781516	-3.3854	0.000719	-0.715543483	count	1
AL158835.1	-0.9556784	0.7731583	-1.2361	0.217	-0.715242901	count	1
TNFAIP2	-1.6832969	0.8242554	-2.0422	0.0412	-0.7151093	count	1
RBMXL1	-0.6195821	0.1802941	-3.4365	0.000596	-0.715012333	count	1
ODF3B	-0.6851913	0.3176328	-2.1572	0.0311	-0.714381962	count	1
FHL1	-0.6599269	0.2304388	-2.8638	0.00421	-0.713291021	count	1
KBTBD6	-1.2104798	0.5415383	-2.2353	0.0255	-0.712916645	count	1
TEPP	-1.3808701	0.708106	-1.9501	0.0512	-0.712542595	count	1
CEP57L1	-0.7035157	0.3553953	-1.9795	0.0478	-0.712372691	count	1
LMNA	-0.5022183	0.0918374	-5.4686	4.87E-08	-0.712106105	count	0.001176495
POU3F1	-0.5999586	0.2917689	-2.0563	0.0398	-0.711949009	count	1
CYSTM1	-0.5324697	0.1586188	-3.3569	0.000797	-0.711723732	count	1
KIAA0513	-0.6824391	0.323774	-2.1078	0.0351	-0.711720017	count	1
C1RL-AS1	-0.9011857	0.4210087	-2.1405	0.0324	-0.711543345	count	1
JAML	-0.5293043	0.1523629	-3.474	0.000519	-0.711382849	count	1
FAM129B	-1.3768282	0.6901023	-1.9951	0.0461	-0.711156207	count	1
ANPEP	-0.9005497	1.0299589	-0.8744	0.382	-0.711119951	count	1
CNNM4	-1.3764363	0.5679167	-2.4237	0.0154	-0.711021545	count	1
AC091982.3	-1.205865	1.1099855	-1.0864	0.277	-0.71094103	count	1
B3GNT5	-1.0919369	0.86322	-1.265	0.206	-0.710807505	count	1
EPHA4	-0.7133664	0.3570147	-1.9981	0.0458	-0.710458435	count	1
PLEKHO1	-0.509768	0.103988	-4.9022	9.92E-07	-0.708485186	count	0.023915136
ITGA5	-0.7556543	0.3126834	-2.4167	0.0157	-0.707681944	count	1
SSFA2	-0.7096837	0.2829302	-2.5083	0.0122	-0.707098753	count	1
IFI44	-0.5288464	0.1653177	-3.199	0.00139	-0.704821387	count	1
IL41	-0.6386723	0.4142032	-1.5419	0.123	-0.704648038	count	1
TMEM191C	-0.57939	0.3029122	-1.9127	0.0559	-0.702846453	count	1
CPNE7	-0.5786417	0.2381053	-2.4302	0.0151	-0.701970308	count	1
ABCF3	-0.6057469	0.2053785	-2.9494	0.00321	-0.699779868	count	1
CTSH	-0.541309	0.1977013	-2.738	0.00621	-0.698427769	count	1
AC092119.2	-1.6146303	1.4702806	-1.0982	0.272	-0.698296815	count	1

CAPG	-0.4927906	0.1147451	-4.2947	1.80E-05	-0.697936058	count	0.432252
FDX2	-0.8114259	0.4423248	-1.8345	0.0667	-0.697678997	count	1
FAAP100	-0.8389033	0.3415775	-2.456	0.0141	-0.695023918	count	1
VASH1	-2.1865625	0.9807625	-2.2295	0.0258	-0.694318099	count	1
CEP126	-0.7588066	0.3858747	-1.9665	0.0493	-0.69426366	count	1
GINS2	-0.8372891	0.5830264	-1.4361	0.151	-0.693868822	count	1
LGALS3	-0.4843361	0.0868297	-5.578	2.62E-08	-0.693089243	count	0.000633228
ZNF547	-1.163921	0.7655296	-1.5204	0.129	-0.692722381	count	1
SEC22C	-0.5338581	0.1704696	-3.1317	0.00175	-0.692093269	count	1
GEM	-0.7764267	0.3987676	-1.9471	0.0516	-0.690725194	count	1
TYMS	-1.5808912	0.9977042	-1.5845	0.113	-0.689706792	count	1
PGLYRP2	-0.5568158	0.2956577	-1.8833	0.0597	-0.68967679	count	1
MT-ND6	-0.5407976	0.1241512	-4.356	1.36E-05	-0.689445016	count	0.3267128
XRCC2	-1.5726235	1.1313824	-1.39	0.165	-0.687568078	count	1
GALNT2	-0.538174	0.2583255	-2.0833	0.0373	-0.687464392	count	1
GLA	-0.6274471	0.2580708	-2.4313	0.0151	-0.686798946	count	1
CSKMT	-0.5436497	0.1795397	-3.028	0.00248	-0.685883315	count	1
C11orf96	-0.7475193	0.3158556	-2.3666	0.018	-0.685010857	count	1
PMP22	-0.964956	0.7215727	-1.3373	0.181	-0.684980566	count	1
ZNF217	-0.4959294	0.1048477	-4.73	2.34E-06	-0.684195104	count	0.0563472
CDH13	-1.2985269	0.8185295	-1.5864	0.113	-0.68352757	count	1
TAPT1	-0.5685466	0.224662	-2.5307	0.0114	-0.682058077	count	1
GOLGA6L9	-1.550776	1.3306175	-1.1655	0.244	-0.681851822	count	1
LINC01963	-1.550776	1.5923987	-0.9739	0.33	-0.681851822	count	1
CTHRC1	-1.5470748	0.9217114	-1.6785	0.0933	-0.680874321	count	1
HELLS	-0.5666018	0.2370771	-2.3899	0.0169	-0.679808512	count	1
INO80B	-0.6922562	0.2516139	-2.7513	0.00597	-0.679623145	count	1
EVA1B	-0.549323	0.1974209	-2.7825	0.00542	-0.67867725	count	1
WEE1	-0.5764897	0.2436303	-2.3662	0.018	-0.678559295	count	1
ANKS1B	-0.8126933	0.6136398	-1.3244	0.185	-0.676170805	count	1
LRRC61	-0.5438275	0.3598374	-1.5113	0.131	-0.675951138	count	1
HIST1H1E	-0.4775336	0.1127791	-4.2342	2.35E-05	-0.673932102	count	0.5640235
PITPNM1	-0.5432958	0.2561194	-2.1213	0.034	-0.673412043	count	1
PSMA2	-0.4864714	0.1088499	-4.4692	8.11E-06	-0.672850498	count	0.19499684
PHLDB3	-0.6513101	0.310915	-2.0948	0.0363	-0.672736757	count	1
EAF2	-0.7317904	0.3683626	-1.9866	0.047	-0.67205499	count	1
MT1E	-0.5171055	0.1772454	-2.9175	0.00355	-0.67173864	count	1
MCAT	-0.6397276	0.2655542	-2.409	0.016	-0.670157783	count	1
MAFG	-0.5092636	0.1469206	-3.4663	0.000534	-0.669842446	count	1
BRI3	-0.4752509	0.0902499	-5.2659	1.48E-07	-0.667689318	count	0.003572276
ZNF165	-1.0069131	0.4724143	-2.1314	0.0331	-0.667160313	count	1
AC005332.4	-0.7711409	0.5529378	-1.3946	0.163	-0.667140144	count	1
LARP4	-0.5259416	0.1684215	-3.1228	0.00181	-0.666954215	count	1
MSR1	-1.2524535	0.981102	-1.2766	0.202	-0.666576497	count	1
AL645608.3	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1

AL391845.1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AC092807.3	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
C1orf226	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AL445483.1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
CAPN8	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
FAM178B	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
EVC	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AC096734.2	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AC079341.1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AC092354.1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AL133268.3	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
HIST1H3J	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AL034345.2	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
SNAP91	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
HOXA3	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
FAM156A	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AP005717.1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
PAPPA-AS1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
IFITM3	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
SOX6	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
LDLRAD3	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AP003721.4	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
GNG3	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AP002770.1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AP003086.1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
HPSE2	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
HMX2	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
IGHV3-43	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
LARP6	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AC087286.2	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AC027682.3	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AC092718.8	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
EFCAB5	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
DNMT3B	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AC005786.3	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
PODNL1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
IGLON5	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AURKC	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
GSTT2B	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AL008719.1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
CARD10	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
ENTHD1	-17.616962	2767.561006	-0.0064	0.995	-0.666378765	count	1
AL359643.3	-17.615786	2059.98771	-0.0086	0.993	-0.666378765	count	1
MMP7	-17.615786	2059.98771	-0.0086	0.993	-0.666378765	count	1
AC069503.2	-17.615786	2059.98771	-0.0086	0.993	-0.666378765	count	1

CCL7	-17.615786	2059.98771	-0.0086	0.993	-0.666378765	count	1
C1orf194	-17.610329	2383.803337	-0.0074	0.994	-0.666378765	count	1
DGKG	-17.610329	2383.803337	-0.0074	0.994	-0.666378765	count	1
DNAAF4	-17.610329	2383.803337	-0.0074	0.994	-0.666378765	count	1
TRPM4	-17.610329	2383.803337	-0.0074	0.994	-0.666378765	count	1
COL3A1	-17.559749	702.0748184	-0.025	0.98	-0.666378764	count	1
FABP3	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
PLPP3	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
LYSMD1	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
HAAO	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
LHFPL2	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
ADAMDEC1	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
AC134682.1	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
AC123768.2	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
ACTC1	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
AC007608.3	-17.250298	2068.808989	-0.0083	0.993	-0.666378757	count	1
AP001267.3	-16.964511	1456.579625	-0.0116	0.991	-0.666378748	count	1
RAB31	-18.1555158	1300.185101	-0.014	0.989	-0.666378613	count	1
EMCN	-18.076246	1689.861381	-0.0107	0.991	-0.666378612	count	1
CCDC149	-18.0618239	2826.077675	-0.0064	0.995	-0.666378612	count	1
ROR2	-18.0618239	2826.077675	-0.0064	0.995	-0.666378612	count	1
WDR31	-18.0618239	2826.077675	-0.0064	0.995	-0.666378612	count	1
RHOJ	-18.0618239	2826.077675	-0.0064	0.995	-0.666378612	count	1
AC090515.2	-18.0618239	2826.077675	-0.0064	0.995	-0.666378612	count	1
PTGES3L	-18.0618239	2826.077675	-0.0064	0.995	-0.666378612	count	1
PLA2G4C	-18.0618239	2826.077675	-0.0064	0.995	-0.666378612	count	1
ASGR1	-18.0611922	2047.198923	-0.0088	0.993	-0.666378612	count	1
UNC5CL	-17.8543291	2254.609924	-0.0079	0.994	-0.666378609	count	1
SIGLEC10	-17.8537168	2080.684509	-0.0086	0.993	-0.666378609	count	1
KRT81	-17.7846263	1579.103653	-0.0113	0.991	-0.666378608	count	1
FRZB	-17.7756241	1237.182684	-0.0144	0.989	-0.666378608	count	1
SULF1	-17.6209989	1131.81353	-0.0156	0.988	-0.666378605	count	1
AL139424.1	-17.5999307	2334.626781	-0.0075	0.994	-0.666378605	count	1
BARX1	-17.5999307	2334.626781	-0.0075	0.994	-0.666378605	count	1
PAPPA	-17.5999307	2334.626781	-0.0075	0.994	-0.666378605	count	1
BMP2	-17.5993748	2079.232889	-0.0085	0.993	-0.666378605	count	1
RIN2	-17.5981871	1535.113962	-0.0115	0.991	-0.666378605	count	1
PKIG	-17.4890988	1221.108192	-0.0143	0.989	-0.666378603	count	1
CSRP2	-17.4849185	1211.849064	-0.0144	0.988	-0.666378603	count	1
SFTPB	-17.3671627	1938.831036	-0.009	0.993	-0.6663786	count	1
NKPD1	-17.3668473	1642.55546	-0.0106	0.992	-0.6663786	count	1
FPR3	-17.3666115	1472.253801	-0.0118	0.991	-0.6663786	count	1
LINC01562	-17.3248165	1916.868141	-0.009	0.993	-0.666378599	count	1
CFAP70	-17.2129586	1187.16684	-0.0145	0.988	-0.666378596	count	1
BHLHB9	-17.1747133	1614.228741	-0.0106	0.992	-0.666378595	count	1

MXRA8	-16.9889389	1162.390107	-0.0146	0.988	-0.666378589	count	1
AC009088.1	-16.9888772	1286.369931	-0.0132	0.989	-0.666378589	count	1
DGCR6	-0.7455783	0.6132658	-1.2158	0.224	-0.666254492	count	1
TMEM86B	-1.9847611	0.9144967	-2.1703	0.0301	-0.665535586	count	1
PGLYRP1	-1.099222	1.1707174	-0.9389	0.348	-0.663687165	count	1
AL450326.1	-1.476972	0.6598022	-2.2385	0.0253	-0.661837907	count	1
AC098850.3	-1.474385	1.1919432	-1.237	0.216	-0.661116192	count	1
PACSIN1	-1.474385	1.3411262	-1.0994	0.272	-0.661116192	count	1
ZNF235	-0.826294	0.5244502	-1.5755	0.115	-0.660839951	count	1
SLC30A4	-0.8258548	0.5702399	-1.4483	0.148	-0.660537597	count	1
RBBP9	-0.6846257	0.3419092	-2.0024	0.0453	-0.660470021	count	1
AC114490.3	-0.9935544	0.7212316	-1.3776	0.168	-0.660113593	count	1
LMNB1	-0.5370483	0.1797745	-2.9873	0.00283	-0.65985577	count	1
SPTY2D1	-0.4800958	0.1094779	-4.3853	1.19E-05	-0.658568519	count	0.2859451
SNAI3	-0.5530596	0.1881397	-2.9396	0.00331	-0.658337388	count	1
PLXNA1	-1.4633626	0.9666983	-1.5138	0.13	-0.658026616	count	1
RABL3	-0.8216194	0.3160223	-2.5999	0.00937	-0.657618912	count	1
CCHCR1	-0.6672765	0.4627067	-1.4421	0.149	-0.65706559	count	1
HSD3B7	-0.8617174	0.6863965	-1.2554	0.209	-0.656045407	count	1
PHF23	-0.479283	0.0989603	-4.8432	1.33E-06	-0.655674024	count	0.03205167
N4BP3	-0.7112405	0.434267	-1.6378	0.102	-0.655019912	count	1
ZNF426	-0.5965217	0.2987447	-1.9968	0.0459	-0.654771032	count	1
TNFAIP8L1	-0.6931889	0.2976482	-2.3289	0.0199	-0.654557555	count	1
MIATNB	-0.6081648	0.2706991	-2.2466	0.0247	-0.653857849	count	1
NRP2	-1.907113	1.2593508	-1.5144	0.13	-0.65307878	count	1
ARHGAP44	-1.907113	1.3951417	-1.367	0.172	-0.65307878	count	1
LINC02361	-0.5509694	0.2898916	-1.9006	0.0574	-0.652865536	count	1
ZC3HAV1	-0.4689813	0.072344	-6.4827	1.03E-10	-0.651700158	count	2.49E-06
KIF1B	-0.6380184	0.2678562	-2.3819	0.0173	-0.650796415	count	1
ZDHHC20	-0.4961344	0.1633411	-3.0374	0.0024	-0.649928285	count	1
RNF170	-0.5606803	0.2820036	-1.9882	0.0469	-0.649886608	count	1
ACOT2	-1.8870617	0.9212246	-2.0484	0.0406	-0.649728543	count	1
AC036176.1	-0.9733759	0.5759509	-1.69	0.0911	-0.649372007	count	1
SPSB2	-0.5338361	0.2657756	-2.0086	0.0447	-0.649332406	count	1
TMEM199	-0.5501003	0.2393927	-2.2979	0.0216	-0.648666973	count	1
LPIN2	-0.4651237	0.0980392	-4.7443	2.18E-06	-0.648393104	count	0.05250312
PHACTR1	-0.8496944	0.6824128	-1.2451	0.213	-0.648278926	count	1
ATG2A	-0.5438662	0.1550511	-3.5077	0.000458	-0.647779819	count	1
AC016831.5	-0.5547708	0.1304873	-4.2515	2.18E-05	-0.647033112	count	0.523309
AL359198.1	-1.2008322	1.0191162	-1.1783	0.239	-0.646962672	count	1
THAP8	-0.9676028	0.4709141	-2.0547	0.04	-0.646277244	count	1
TAF1	-0.6435542	0.2587243	-2.4874	0.0129	-0.646140301	count	1
KDSR	-0.4663554	0.1128476	-4.1326	3.67E-05	-0.646064892	count	0.8801027
APOBEC3G	-0.4506986	0.0635761	-7.0891	1.63E-12	-0.645717231	count	3.95E-08
CCDC6	-0.5307667	0.1425381	-3.7237	2.00E-04	-0.645713863	count	1

ZC3H12A	-0.4723923	0.1121894	-4.2107	2.61E-05	-0.64513505	count	0.6262434
RELL1	-0.5717629	0.2694418	-2.122	0.0339	-0.644738956	count	1
ABCB9	-1.8523456	1.0940491	-1.6931	0.0905	-0.643794783	count	1
NUP88	-0.5623924	0.2105753	-2.6707	0.0076	-0.643658121	count	1
GATD3B	-0.8943414	0.7566743	-1.1819	0.237	-0.643495798	count	1
UTP18	-0.4952072	0.1385253	-3.5749	0.000355	-0.642915885	count	1
TRIM27	-0.4971497	0.1614829	-3.0787	0.0021	-0.642557479	count	1
GCHFR	-0.4545887	0.1004265	-4.5266	6.20E-06	-0.642049999	count	0.1491162
PANO1	-1.4043568	0.6050062	-2.3212	0.0203	-0.641057739	count	1
SNX30	-0.8385366	0.3572546	-2.3472	0.019	-0.641032675	count	1
CACYBP	-0.4524497	0.0730192	-6.1963	6.47E-10	-0.64089302	count	1.57E-05
CKAP2	-0.469366	0.1183958	-3.9644	7.51E-05	-0.640792672	count	1
OSGIN2	-0.562471	0.2952009	-1.9054	0.0568	-0.639358479	count	1
IL6	-1.397954	1.1821509	-1.1826	0.237	-0.63917238	count	1
PANK3	-0.5440149	0.2538787	-2.1428	0.0322	-0.638441575	count	1
B3GNT10	-1.3942755	1.4882041	-0.9369	0.349	-0.638085473	count	1
FASTKD3	-0.688863	0.3260848	-2.1125	0.0347	-0.636331645	count	1
FBXO45	-0.5518554	0.2047903	-2.6947	0.00708	-0.636186309	count	1
SERPINB8	-0.6201304	0.241617	-2.5666	0.0103	-0.63378265	count	1
AC097534.2	-0.6024963	0.2625254	-2.295	0.0218	-0.63354997	count	1
TMEM14C	-0.4503016	0.098203	-4.5854	4.69E-06	-0.633437333	count	0.11283202
ZFYVE9	-1.1658408	0.7144718	-1.6318	0.103	-0.633289441	count	1
CENPN	-0.7030159	0.3074086	-2.2869	0.0223	-0.632033289	count	1
RPUSD4	-0.5557004	0.2757734	-2.0151	0.044	-0.631997133	count	1
CRIP2	-0.5297934	0.2610971	-2.0291	0.0425	-0.631588763	count	1
IRF4	-0.555276	0.1744788	-3.1825	0.00147	-0.631535439	count	1
GPAT4	-0.7840222	0.3377046	-2.3216	0.0203	-0.63147432	count	1
4-Sep	-0.6383193	0.6618859	-0.9644	0.335	-0.630703275	count	1
EMP1	-0.5179905	0.3384645	-1.5304	0.126	-0.630634832	count	1
CLEC4A	-1.7779715	1.2474064	-1.4253	0.154	-0.630497667	count	1
AEN	-0.5103696	0.1575931	-3.2385	0.00121	-0.629955643	count	1
ACSL4	-0.6160416	0.2093493	-2.9426	0.00328	-0.629882044	count	1
FKBP4	-0.4817129	0.1438993	-3.3476	0.000824	-0.629828276	count	1
FIG4	-0.6805809	0.3533627	-1.926	0.0542	-0.629378705	count	1
PLIN2	-0.4460144	0.0820048	-5.4389	5.74E-08	-0.629293588	count	0.001386497
WBP1L	-0.541295	0.3001065	-1.8037	0.0714	-0.628298388	count	1
EXOC3-AS1	-0.6135494	0.3881535	-1.5807	0.114	-0.627502433	count	1
MCUR1	-0.4726802	0.1552512	-3.0446	0.00235	-0.627315302	count	1
NCK1-DT	-0.5282447	0.258734	-2.0417	0.0413	-0.626873682	count	1
MAPK13	-0.4730286	0.17164	-2.7559	0.00588	-0.626632095	count	1
SDHAF4	-0.5746468	0.3313528	-1.7342	0.083	-0.626060119	count	1
TK2	-0.5941542	0.3282206	-1.8102	0.0703	-0.625300163	count	1
AC019205.1	-0.928894	0.4681663	-1.9841	0.0473	-0.62527874	count	1
YWHAH	-0.4442286	0.0836161	-5.3127	1.15E-07	-0.625030582	count	0.0027761
DERA	-0.5194137	0.2546076	-2.0401	0.0414	-0.625017351	count	1

SLC6A6	-0.5380823	0.2077747	-2.5897	0.00965	-0.624713366	count	1
CHAC2	-0.644292	0.3541927	-1.819	0.069	-0.624651887	count	1
TMEM158	-0.9262165	0.775334	-1.1946	0.232	-0.623810317	count	1
IL10	-0.4862984	0.4635079	-1.0492	0.294	-0.623667139	count	1
SIRT5	-0.6305354	0.3468935	-1.8177	0.0692	-0.623578357	count	1
AC006504.5	-0.6729089	0.3431202	-1.9611	0.0499	-0.6229206	count	1
UGCG	-0.4690191	0.1328632	-3.5301	0.000421	-0.622522995	count	1
ATG9A	-1.0107157	0.693638	-1.4571	0.145	-0.622118067	count	1
MFAP4	-1.730076	1.3086919	-1.322	0.186	-0.621498398	count	1
ZNF575	-0.9205799	0.6616542	-1.3913	0.164	-0.620712268	count	1
DEDD	-0.5134164	0.2303017	-2.2293	0.0259	-0.620524828	count	1
HK1	-0.4766579	0.1607017	-2.9661	0.00304	-0.6201086	count	1
ASB3	-0.7665735	0.4684872	-1.6363	0.102	-0.619197473	count	1
MCOLN2	-0.5434875	0.238697	-2.2769	0.0229	-0.618694272	count	1
PTGIS	-0.8531664	0.8154537	-1.0462	0.296	-0.618625565	count	1
CTSB	-0.4446317	0.1176872	-3.7781	0.000161	-0.618602131	count	1
TOPORS	-0.4550278	0.0991182	-4.5908	4.58E-06	-0.618532148	count	0.1101948
CFH	-0.5564581	0.2568384	-2.1666	0.0303	-0.61834199	count	1
SFXN3	-0.5510191	0.2142238	-2.5722	0.0101	-0.617617061	count	1
GNA15	-0.503356	0.2488261	-2.0229	0.0432	-0.617583647	count	1
COLGALT2	-0.7997386	0.4968668	-1.6096	0.108	-0.615547057	count	1
PDCD1	-0.4519371	0.1206981	-3.7444	0.000184	-0.614920478	count	1
RPP25L	-0.5632628	0.2306328	-2.4422	0.0146	-0.614285965	count	1
LTC4S	-0.4758381	0.2073403	-2.295	0.0218	-0.613591114	count	1
MGLL	-0.907064	0.6349592	-1.4285	0.153	-0.613246262	count	1
MESP1	-1.311106	1.4538817	-0.9018	0.367	-0.612733678	count	1
GCFC2	-0.4915897	0.2189521	-2.2452	0.0248	-0.612640737	count	1
STX6	-0.4819843	0.1908008	-2.5261	0.0116	-0.612399606	count	1
DUSP7	-0.53358	0.2494415	-2.1391	0.0325	-0.612016395	count	1
HTT	-0.7561856	0.2336019	-3.2371	0.00122	-0.611845718	count	1
PCNX3	-0.6996026	0.3340508	-2.0943	0.0363	-0.611723172	count	1
KIF5B	-0.433323	0.0778435	-5.5666	2.80E-08	-0.610358644	count	0.000676676
ZNF382	-0.9862268	0.4042023	-2.4399	0.0147	-0.610236019	count	1
EXOSC10	-0.5084771	0.1950341	-2.6071	0.00917	-0.609685076	count	1
SLC7A6OS	-0.4717265	0.199457	-2.3651	0.0181	-0.609348383	count	1
MID1IP1	-0.4495499	0.1561373	-2.8792	0.00401	-0.609108558	count	1
NBEAL1	-0.453746	0.1305779	-3.4749	0.000517	-0.609035324	count	1
PLEKHN1	-0.8991006	0.5594943	-1.607	0.108	-0.608822774	count	1
CCNG2	-0.5515993	0.2132145	-2.5871	0.00972	-0.607853886	count	1
DYNC1H1	-0.4468465	0.1013158	-4.4104	1.06E-05	-0.607237492	count	0.2547816
POGZ	-0.4844064	0.1872919	-2.5864	0.00974	-0.607068105	count	1
PSMD12	-0.4365028	0.0892225	-4.8923	1.04E-06	-0.606502904	count	0.02507024
AP003108.2	-0.8933706	0.6322768	-1.4129	0.158	-0.605628591	count	1
RBM15	-0.610874	0.3020864	-2.0222	0.0432	-0.605509558	count	1
AC139795.3	-1.097011	0.9611719	-1.1413	0.254	-0.6054912	count	1

BET1L	-0.5146545	0.2277164	-2.2601	0.0239	-0.605193421	count	1
CCNE2	-0.5900027	0.3146671	-1.875	0.0609	-0.604941074	count	1
SMG7	-0.5234187	0.2005859	-2.6094	0.00911	-0.604664402	count	1
COPRS	-0.5138498	0.247664	-2.0748	0.0381	-0.604279875	count	1
ACOT9	-0.4938113	0.2215263	-2.2291	0.0259	-0.604145422	count	1
CLEC2B	-0.4212698	0.05571	-7.5618	5.08E-14	-0.603973311	count	1.23E-09
TTN	-0.5192024	0.2899669	-1.7906	0.0735	-0.603604497	count	1
TMPO	-0.4303195	0.0871768	-4.9362	8.35E-07	-0.603303088	count	0.02013185
SAFB2	-0.4501918	0.1109557	-4.0574	5.07E-05	-0.603074341	count	1
TGFBI	-0.7411627	0.3953091	-1.8749	0.0609	-0.601157263	count	1
IFT27	-0.4791023	0.2140442	-2.2383	0.0253	-0.600572383	count	1
LRRC8D	-0.6307342	0.2670916	-2.3615	0.0183	-0.60033922	count	1
SLC39A1	-0.4646042	0.15442	-3.0087	0.00264	-0.598391182	count	1
SENP5	-0.4566577	0.1673315	-2.7291	0.00638	-0.598297668	count	1
MORC4	-0.6137143	0.3254556	-1.8857	0.0594	-0.597201333	count	1
MRPL36	-0.4310188	0.1158941	-3.7191	0.000203	-0.597036319	count	1
AMN1	-0.6420977	0.3352435	-1.9153	0.0555	-0.596817487	count	1
AL606491.1	-0.7053384	0.6541975	-1.0782	0.281	-0.596806324	count	1
CDH20	-1.6070959	1.0762789	-1.4932	0.135	-0.59674663	count	1
AL592183.1	-0.6122221	0.3291321	-1.8601	0.063	-0.595855301	count	1
NFE2L3	-0.4922535	0.2285937	-2.1534	0.0314	-0.595688283	count	1
DLAT	-0.6582899	0.3609421	-1.8238	0.0683	-0.595509036	count	1
TRIM25	-0.5182643	0.2775225	-1.8675	0.0619	-0.595127772	count	1
TPP1	-0.4525263	0.1795585	-2.5202	0.0118	-0.593663096	count	1
PDGFRB	-1.249455	0.8040779	-1.5539	0.12	-0.592965933	count	1
NEFH	-1.5884141	0.8665275	-1.8331	0.0669	-0.592771837	count	1
TIMELESS	-1.2484621	0.8512061	-1.4667	0.143	-0.592640675	count	1
MAP4K2	-0.5195515	0.2099847	-2.4742	0.0134	-0.592532264	count	1
IL13RA1	-1.2474224	1.0371808	-1.2027	0.229	-0.592299829	count	1
AC004771.1	-1.2474224	1.0936401	-1.1406	0.254	-0.592299829	count	1
CD70	-0.4278363	0.1764774	-2.4243	0.0154	-0.592268521	count	1
PDE4D	-0.4319385	0.1033725	-4.1785	3.01E-05	-0.592242195	count	0.7220388
IFIT3	-0.4671764	0.2879397	-1.6225	0.105	-0.591460578	count	1
ID3	-0.4467947	0.1835481	-2.4342	0.015	-0.591224319	count	1
AKIP1	-0.4811397	0.2244901	-2.1433	0.0322	-0.591035616	count	1
TNFRSF9	-0.5259874	0.1957785	-2.6866	0.00725	-0.590757731	count	1
RBBP8	-0.6523223	0.3707429	-1.7595	0.0786	-0.590592696	count	1
PFKFB3	-0.4654293	0.1458075	-3.1921	0.00143	-0.590559668	count	1
VAT1	-0.5211276	0.2747214	-1.8969	0.0579	-0.590010889	count	1
AL031708.1	-0.7612773	0.5945593	-1.2804	0.2	-0.589842431	count	1
AL049840.1	-0.5927805	0.254001	-2.3338	0.0197	-0.588791447	count	1
SVBP	-0.4277717	0.1390845	-3.0756	0.00212	-0.588588212	count	1
ARHGAP18	-0.4236218	0.1071348	-3.9541	7.84E-05	-0.588379917	count	1
PINK1	-0.489056	0.199973	-2.4456	0.0145	-0.587093952	count	1
MPZL1	-0.6683381	0.4161487	-1.606	0.108	-0.587035994	count	1

AMD1	-0.4148021	0.0630049	-6.5837	5.30E-11	-0.586545249	count	1.28E-06
ZNF467	-0.8588302	0.4397092	-1.9532	0.0509	-0.586174277	count	1
LRIG1	-0.6136652	0.2480687	-2.4738	0.0134	-0.585333848	count	1
OTUD7A	-1.5539358	0.90545	-1.7162	0.0862	-0.585282512	count	1
FOXN3-AS1	-0.9349615	0.6540715	-1.4294	0.153	-0.584826129	count	1
ZXDC	-0.5997748	0.2815116	-2.1306	0.0332	-0.584603989	count	1
BLVRB	-0.4396857	0.1661525	-2.6463	0.00818	-0.584589847	count	1
FAM43A	-0.5601215	0.2414721	-2.3196	0.0204	-0.584051401	count	1
IFT22	-0.5078687	0.2947209	-1.7232	0.0849	-0.583637724	count	1
TARS	-0.436933	0.149998	-2.9129	0.0036	-0.583352613	count	1
ADGRF3	-1.2199	1.2425763	-0.9818	0.326	-0.583188713	count	1
SMAD9	-1.2199	1.665085	-0.7326	0.464	-0.583188713	count	1
TFB2M	-0.5388991	0.2622534	-2.0549	0.04	-0.583124241	count	1
UBTD1	-0.9315283	0.5002846	-1.862	0.0627	-0.583098483	count	1
ANXA2	-0.4091641	0.0632142	-6.4727	1.10E-10	-0.582924296	count	2.66E-06
AC020915.1	-1.5431734	1.062122	-1.4529	0.146	-0.582903392	count	1
TMEM185A	-0.5863571	0.2824458	-2.076	0.038	-0.582835694	count	1
NDUFAF4	-0.4224606	0.1189475	-3.5517	0.000388	-0.582772559	count	1
NR1D1	-0.5384671	0.3568939	-1.5088	0.131	-0.582679575	count	1
TNKS	-0.4715735	0.2021906	-2.3323	0.0197	-0.581448046	count	1
GGH	-0.7929484	0.5721662	-1.3859	0.166	-0.581355936	count	1
PNMA1	-0.5056513	0.2130824	-2.373	0.0177	-0.581184088	count	1
GNL1	-0.4466224	0.1281522	-3.4851	0.000498	-0.580855721	count	1
AL391069.3	-0.7116438	0.7324496	-0.9716	0.331	-0.57996214	count	1
IFNGR1	-0.4106314	0.0761351	-5.3935	7.38E-08	-0.579783001	count	0.001782344
INMT	-1.0355727	1.0015206	-1.034	0.301	-0.579655681	count	1
FO704657.1	-1.0355727	1.0448922	-0.9911	0.322	-0.579655681	count	1
ARPC5L	-0.405048	0.0541738	-7.4768	9.64E-14	-0.579619818	count	2.34E-09
KCNQ5	-2.4120083	1.4189931	-1.6998	0.0893	-0.579329343	count	1
SGMS1	-0.4778796	0.2056622	-2.3236	0.0202	-0.578776365	count	1
NFATC2	-0.4663297	0.1599656	-2.9152	0.00358	-0.578630812	count	1
TCAIM	-0.5922228	0.2772659	-2.1359	0.0328	-0.577757517	count	1
CKLF	-0.4029496	0.0614149	-6.5611	6.15E-11	-0.576775078	count	1.49E-06
AC004687.1	-0.4262304	0.1237821	-3.4434	0.000581	-0.576606444	count	1
RIN1	-1.200224	0.9188882	-1.3062	0.192	-0.57657029	count	1
GTF2I	-0.4193971	0.1239516	-3.3836	0.000724	-0.57536458	count	1
MT1F	-0.4152715	0.1247997	-3.3275	0.000886	-0.575229136	count	1
ATP8B2	-0.4646908	0.1937731	-2.3981	0.0165	-0.574937528	count	1
HLA-DRB1	-0.3999532	0.0660147	-6.0585	1.52E-09	-0.574199324	count	3.68E-05
BICD1	-0.5184889	0.2180866	-2.3774	0.0175	-0.572983223	count	1
PMVK	-0.4144127	0.1252012	-3.31	0.000943	-0.572465097	count	1
TNFRSF10B	-0.4806028	0.2274534	-2.113	0.0347	-0.572076169	count	1
LIN54	-0.5275311	0.2645294	-1.9942	0.0462	-0.5714088	count	1
AC016957.2	-0.734083	0.5228917	-1.4039	0.16	-0.571405415	count	1
HIST2H2AC	-0.4404513	0.14787	-2.9786	0.00292	-0.571328275	count	1

TMEM223	-0.4172648	0.1482372	-2.8148	0.00491	-0.571285805	count	1
P2RY11	-0.6987732	0.3847506	-1.8162	0.0694	-0.570641144	count	1
ITM2A	-0.3977033	0.0588316	-6.76	1.62E-11	-0.569973314	count	3.93E-07
CCDC80	-1.48578	0.8367751	-1.7756	0.0759	-0.569878568	count	1
DNAJA1	-0.3968374	0.044521	-8.9135	7.90E-19	-0.569419284	count	1.92E-14
XYLT1	-0.6267008	0.433521	-1.4456	0.148	-0.569370796	count	1
GON7	-0.4290415	0.1684426	-2.5471	0.0109	-0.569093141	count	1
BNIP1	-0.4461041	0.1948621	-2.2893	0.0221	-0.568815286	count	1
SMARCAL1	-0.7299625	0.303012	-2.409	0.016	-0.568592961	count	1
WIPI2	-0.4204839	0.1226041	-3.4296	0.000612	-0.568285514	count	1
TAF5L	-0.551958	0.2744133	-2.0114	0.0444	-0.568192628	count	1
RAB20	-0.7719134	0.3054075	-2.5275	0.0115	-0.56808748	count	1
GGCT	-0.453623	0.1839502	-2.466	0.0137	-0.567868194	count	1
PLAUR	-0.4260026	0.2096083	-2.0324	0.0422	-0.567565506	count	1
PGRMC1	-0.4298913	0.1559418	-2.7567	0.00587	-0.566866876	count	1
ANKRD52	-0.6421729	0.4457047	-1.4408	0.15	-0.566160201	count	1
OGFRL1	-0.495499	0.2378632	-2.0831	0.0373	-0.566125153	count	1
AUTS2	-0.5580091	0.2469009	-2.2601	0.0239	-0.565567889	count	1
AP3D1	-0.4877495	0.20018	-2.4366	0.0149	-0.564899183	count	1
CELSR3	-1.4639282	0.9359071	-1.5642	0.118	-0.56476772	count	1
TIGAR	-0.4310209	0.1684507	-2.5587	0.0105	-0.564507781	count	1
AC100786.1	-1.1629002	0.7621154	-1.5259	0.127	-0.563773311	count	1
LINC01678	-0.6619117	0.3888812	-1.7021	0.0888	-0.563741874	count	1
PAXIP1-AS2	-0.4867025	0.2613632	-1.8622	0.0627	-0.563728225	count	1
NUSAP1	-0.576529	0.3117861	-1.8491	0.0645	-0.56348167	count	1
H2AFZ	-0.3924619	0.0413313	-9.4955	4.00E-21	-0.563446318	count	9.72E-17
WDR25	-0.4965495	0.3111365	-1.5959	0.111	-0.563252746	count	1
CPE	-1.4571131	0.791254	-1.8415	0.0656	-0.56315637	count	1
ADNP2	-0.5553906	0.2648522	-2.097	0.0361	-0.563072016	count	1
EDARADD	-0.5465139	0.2344866	-2.3307	0.0198	-0.56290458	count	1
ESS2	-0.4698712	0.2352137	-1.9976	0.0458	-0.562250321	count	1
APOBEC3H	-0.4076948	0.1272129	-3.2048	0.00136	-0.562087272	count	1
RNF145	-0.4181804	0.1306845	-3.1999	0.00139	-0.561792879	count	1
WNK1	-0.4021997	0.0897937	-4.4792	7.74E-06	-0.561344777	count	0.18611604
SCRG1	-0.8155519	0.3929876	-2.0753	0.038	-0.561315636	count	1
TSC22D1	-0.4760727	0.2097719	-2.2695	0.0233	-0.561257777	count	1
ZNF582-AS1	-0.68525	0.5852201	-1.1709	0.242	-0.560795739	count	1
TNFRSF11B	-2.2030219	1.3221944	-1.6662	0.0958	-0.560253212	count	1
HTRA1	-0.8135872	0.4439311	-1.8327	0.0669	-0.560174349	count	1
DES1	-0.4224807	0.1617795	-2.6115	0.00906	-0.559450724	count	1
ZFP1	-0.5350965	0.2700364	-1.9816	0.0476	-0.559352641	count	1
IDNK	-0.4304378	0.1962165	-2.1937	0.0283	-0.55934211	count	1
RPP14	-0.5611301	0.2976308	-1.8853	0.0595	-0.559341913	count	1
FAM8A1	-0.5349932	0.2871987	-1.8628	0.0626	-0.559250379	count	1
SYTL2	-0.4208574	0.1559718	-2.6983	0.007	-0.5588722	count	1

MC1R	-0.987525	1.4216483	-0.6946	0.487	-0.558772404	count	1
NMB	-0.5274555	0.2372603	-2.2231	0.0263	-0.558731424	count	1
PTCD3	-0.4624959	0.1959393	-2.3604	0.0183	-0.558413601	count	1
LDLRAD4	-0.4034526	0.1427836	-2.8256	0.00475	-0.558080063	count	1
AKAP1	-0.5199826	0.3230884	-1.6094	0.108	-0.557610129	count	1
GMEB2	-0.5958213	0.3348625	-1.7793	0.0753	-0.55711702	count	1
AP002852.1	-1.1432704	0.867784	-1.3175	0.188	-0.556914671	count	1
PHLDA3	-0.4746471	0.2895362	-1.6393	0.101	-0.556645717	count	1
ARL17A	-0.8796143	0.4404413	-1.9971	0.0459	-0.556577371	count	1
S100A11	-0.3866316	0.0433005	-8.929	6.89E-19	-0.556314971	count	1.67E-14
SLBP	-0.3962464	0.0799324	-4.9573	7.50E-07	-0.55628401	count	0.018084
TRIM52	-0.4374142	0.1519102	-2.8794	0.00401	-0.55567971	count	1
HDAC11	-0.7106488	0.4444693	-1.5989	0.11	-0.555344577	count	1
MFS14A	-0.9788074	0.8117584	-1.2058	0.228	-0.554919209	count	1
CHPF	-0.5011764	0.2720744	-1.8421	0.0656	-0.554654788	count	1
NXF1	-0.5162923	0.2423701	-2.1302	0.0332	-0.553840565	count	1
VPS39	-0.5367927	0.3320503	-1.6166	0.106	-0.553443928	count	1
GPN3	-0.4121569	0.1606752	-2.5652	0.0104	-0.552266239	count	1
AURKA	-0.972708	0.4786055	-2.0324	0.0422	-0.552211495	count	1
IQCE	-0.6058685	0.3511804	-1.7252	0.0846	-0.551980712	count	1
MDGA1	-0.7050037	0.788155	-0.8945	0.371	-0.551451813	count	1
BARD1	-0.4424944	0.2175986	-2.0335	0.0421	-0.551265957	count	1
UQCRHL	-0.7981293	0.5598818	-1.4255	0.154	-0.55115696	count	1
BCL6	-0.5024092	0.1831223	-2.7436	0.00611	-0.550848619	count	1
KRT18	-0.5193938	0.3042909	-1.7069	0.0879	-0.550613666	count	1
DGUOK-AS1	-1.1245133	0.9350157	-1.2027	0.229	-0.550277715	count	1
CRYBG3	-0.703268	0.6223892	-1.1299	0.259	-0.550253055	count	1
STRBP	-0.428709	0.2025665	-2.1164	0.0344	-0.55009754	count	1
HMG20A	-0.4924379	0.2854277	-1.7253	0.0846	-0.550096051	count	1
RBPJ	-0.3958539	0.0936096	-4.2288	2.41E-05	-0.550013301	count	0.5783759
MYH10	-2.1018885	0.8203315	-2.5622	0.0104	-0.54966744	count	1
TSPAN10	-0.7947761	1.0604463	-0.7495	0.454	-0.549191865	count	1
PAQR4	-0.9654044	0.7292754	-1.3238	0.186	-0.548956458	count	1
DNAJB6	-0.3860093	0.0593886	-6.4997	9.22E-11	-0.548928051	count	2.23E-06
CSTA	-0.6426278	0.9122833	-0.7044	0.481	-0.548885669	count	1
SRRD	-0.4765387	0.2192499	-2.1735	0.0298	-0.548880159	count	1
CBX8	-0.6421595	0.4699901	-1.3663	0.172	-0.548523574	count	1
IL15	-0.5313522	0.2987254	-1.7787	0.0754	-0.548139165	count	1
FAM110C	-0.792343	0.7598005	-1.0428	0.297	-0.547763985	count	1
IGLC3	-0.4055799	0.1771234	-2.2898	0.0221	-0.547710247	count	1
SAXO2	-1.115831	1.1115637	-1.0038	0.316	-0.547177919	count	1
AC002116.2	-1.115831	1.3734425	-0.8124	0.417	-0.547177919	count	1
ZNF718	-0.503128	0.3758583	-1.3386	0.181	-0.546161084	count	1
BCOR	-0.4976908	0.2732931	-1.8211	0.0687	-0.54589552	count	1
PLEKHG2	-0.6965416	0.4287443	-1.6246	0.104	-0.54559925	count	1

ZNF596	-0.6645135	0.7771539	-0.8551	0.393	-0.545596193	count	1
ATP1B3	-0.3936353	0.0889212	-4.4268	9.87E-06	-0.545540571	count	0.23725506
GDF15	-0.8582663	1.1958156	-0.7177	0.473	-0.545455102	count	1
METTLL15	-0.4620081	0.1837826	-2.5139	0.012	-0.545173999	count	1
B3GALT2	-1.1081901	0.8582416	-1.2912	0.197	-0.54443546	count	1
ADCK2	-0.5013706	0.2199684	-2.2793	0.0227	-0.544337719	count	1
ETAA1	-0.4792413	0.2850285	-1.6814	0.0928	-0.544335438	count	1
ZNF581	-0.4331711	0.1633525	-2.6518	0.00804	-0.544157786	count	1
MKNK2	-0.3983267	0.1180836	-3.3733	0.000751	-0.544124571	count	1
PINLYP	-2.0442712	1.0643706	-1.9206	0.0549	-0.543203078	count	1
CHD4	-0.393755	0.0991566	-3.971	7.30E-05	-0.542692692	count	1
ASTN2	-0.9503931	0.5984377	-1.5881	0.112	-0.542222662	count	1
ZNF189	-0.6594906	0.4181297	-1.5772	0.115	-0.541895904	count	1
RAD51AP1	-2.0325534	1.125568	-1.8058	0.071	-0.541848289	count	1
DHRS1	-0.4118285	0.1824626	-2.2571	0.0241	-0.541589945	count	1
RAB15	-1.1000036	0.8950089	-1.229	0.219	-0.541482032	count	1
ERV3-1	-0.4584254	0.303701	-1.5095	0.131	-0.541071279	count	1
AC025181.2	-0.5519761	0.5002971	-1.1033	0.27	-0.541017862	count	1
PEX7	-0.5518953	0.3128411	-1.7641	0.0778	-0.540943673	count	1
GFPT1	-0.4634177	0.1871965	-2.4756	0.0134	-0.540833573	count	1
MRTO4	-0.4112477	0.1882742	-2.1843	0.029	-0.540224112	count	1
RNF114	-0.4008111	0.1093826	-3.6643	0.000252	-0.54005223	count	1
MIDN	-0.385626	0.0799499	-4.8233	1.47E-06	-0.539987337	count	0.03542112
IFI30	-0.7280039	0.4232749	-1.7199	0.0855	-0.539976871	count	1
TRBV28	-0.6875311	0.2382572	-2.8857	0.00393	-0.539344693	count	1
C1orf109	-0.471114	0.2779165	-1.6952	0.0901	-0.53923496	count	1
MSH6	-0.4121768	0.123092	-3.3485	0.000821	-0.538825373	count	1
TRIM24	-0.4614414	0.2116388	-2.1803	0.0293	-0.538599058	count	1
CHN1	-0.4811411	0.2797292	-1.72	0.0855	-0.537963054	count	1
C4orf48	-0.3872075	0.10364	-3.7361	0.00019	-0.537959885	count	1
PTPN11	-0.3953788	0.141998	-2.7844	0.00539	-0.537862607	count	1
BDH2	-0.4144971	0.1860314	-2.2281	0.0259	-0.537368787	count	1
CUL5	-0.4012995	0.1381158	-2.9055	0.00369	-0.537086764	count	1
TRIB2	-0.419136	0.1975584	-2.1216	0.0339	-0.537045085	count	1
HIP1R	-0.5125924	0.4226241	-1.2129	0.225	-0.537013493	count	1
AC243829.1	-0.6521126	0.4093108	-1.5932	0.111	-0.536447542	count	1
UPF1	-0.5585451	0.2491985	-2.2414	0.0251	-0.536341754	count	1
RIDA	-0.5272654	0.3383717	-1.5582	0.119	-0.536155968	count	1
FAM84B	-0.5460323	0.2404698	-2.2707	0.0232	-0.535556298	count	1
ZNF267	-0.3899132	0.1068666	-3.6486	0.000268	-0.535532457	count	1
TACO1	-0.4270393	0.2439976	-1.7502	0.0802	-0.535252927	count	1
PDE3B	-0.4508649	0.1466275	-3.0749	0.00212	-0.535097007	count	1
MORC3	-0.3938584	0.104392	-3.7729	0.000164	-0.535066793	count	1
SKP2	-1.0817909	0.5278987	-2.0492	0.0405	-0.534855271	count	1
KLC1	-0.4505435	0.1836871	-2.4528	0.0142	-0.534726315	count	1

SPATA2L	-0.4222453	0.1709199	-2.4704	0.0135	-0.534445247	count	1
ZNF823	-0.7191119	0.4474359	-1.6072	0.108	-0.534216538	count	1
GAK	-0.4914678	0.2160168	-2.2751	0.023	-0.534050338	count	1
TMEM44-AS1	-1.9657553	1.6128944	-1.2188	0.223	-0.533857075	count	1
UFSP1	-1.3385742	0.8975687	-1.4913	0.136	-0.533776411	count	1
PSMD2	-0.3902567	0.1150234	-3.3928	7.00E-04	-0.533590343	count	1
SMC4	-0.4134226	0.1447116	-2.8569	0.0043	-0.533504173	count	1
PREPL	-0.4412232	0.1788314	-2.4673	0.0137	-0.533381884	count	1
TCAF1	-0.5434539	0.2793665	-1.9453	0.0518	-0.533184264	count	1
ST6GALNAC4	-0.4389199	0.2650657	-1.6559	0.0978	-0.532767304	count	1
MYH11	-0.9294596	0.3539276	-2.6261	0.00867	-0.532734103	count	1
ITGB5	-1.9539496	1.3324324	-1.4665	0.143	-0.532396319	count	1
SLFN11	-0.4462398	0.1602544	-2.7846	0.00539	-0.532302929	count	1
HIST1H1B	-0.5822033	0.3885455	-1.4984	0.134	-0.532080589	count	1
HMGA1	-0.3823495	0.0929504	-4.1135	3.99E-05	-0.532006453	count	0.9566025
RCCD1	-1.072161	0.6275741	-1.7084	0.0876	-0.531319933	count	1
TUFT1	-0.8313342	0.8638233	-0.9624	0.336	-0.531243805	count	1
TACC1	-0.3855933	0.09806	-3.9322	8.58E-05	-0.531068181	count	1
AC073896.2	-0.5309804	0.3777233	-1.4057	0.16	-0.53105015	count	1
ITGA11	-1.942332	1.2972424	-1.4973	0.134	-0.530944328	count	1
VPS13D	-0.5218066	0.2085409	-2.5022	0.0124	-0.530909142	count	1
CCDC88A	-0.4334391	0.255904	-1.6938	0.0904	-0.530173244	count	1
RUFY1	-0.4384733	0.1869908	-2.3449	0.0191	-0.530140684	count	1
CAMKK2	-0.6175344	0.3272935	-1.8868	0.0593	-0.529395737	count	1
PELP1	-0.5392047	0.2492553	-2.1633	0.0306	-0.529271427	count	1
ZFP28	-0.7601546	0.8599849	-0.8839	0.377	-0.528715438	count	1
KRT86	-0.7601546	0.8829365	-0.8609	0.389	-0.528715438	count	1
ZNF791	-0.3958801	0.1091136	-3.6281	0.00029	-0.528702072	count	1
HIST1H2BH	-0.8265321	0.4849725	-1.7043	0.0884	-0.528688839	count	1
TRIQK	-0.8259354	0.6330998	-1.3046	0.192	-0.528370914	count	1
ISG20	-0.3688132	0.0541821	-6.8069	1.17E-11	-0.528004035	count	2.84E-07
SBNO1	-0.406471	0.1302912	-3.1197	0.00183	-0.527886219	count	1
ZFYVE1	-0.5771535	0.3245654	-1.7782	0.0755	-0.527814374	count	1
LYPLAL1	-0.4095837	0.18719	-2.1881	0.0287	-0.527757234	count	1
KLHL18	-0.5374794	0.2117872	-2.5378	0.0112	-0.527681383	count	1
SLC1A5	-0.3985892	0.1529867	-2.6054	0.00922	-0.527671119	count	1
GLRX	-0.3705051	0.0778586	-4.7587	2.03E-06	-0.526482108	count	0.04889458
AP001816.1	-0.4561432	0.2979593	-1.5309	0.126	-0.526151081	count	1
HSF2	-0.4046956	0.1802904	-2.2447	0.0249	-0.525613036	count	1
S1PR2	-0.5745187	0.3154606	-1.8212	0.0687	-0.525585676	count	1
MRC1	-1.8996399	1.2866097	-1.4765	0.14	-0.525482808	count	1
AC090825.1	-1.305146	1.2025786	-1.0853	0.278	-0.525017208	count	1
AC087482.1	-1.305146	1.2433322	-1.0497	0.294	-0.525017208	count	1
AL353596.1	-1.305146	1.3634536	-0.9572	0.339	-0.525017208	count	1
TSTD3	-0.6112522	0.6269355	-0.975	0.33	-0.524488597	count	1

ZNF41	-0.5451936	0.3977752	-1.3706	0.171	-0.524353476	count	1
TNFSF13B	-0.4285093	0.2680272	-1.5988	0.11	-0.524281052	count	1
CLEC12A	-1.0501077	0.825587	-1.272	0.203	-0.523141399	count	1
DTX2	-0.4714732	0.3200188	-1.4733	0.141	-0.523059017	count	1
CD9	-0.3927553	0.2062522	-1.9042	0.057	-0.522867088	count	1
AL136040.1	-1.0490968	0.7032083	-1.4919	0.136	-0.522763774	count	1
SPOPL	-0.4525656	0.2760254	-1.6396	0.101	-0.52215597	count	1
ATG101	-0.3750952	0.1036931	-3.6174	0.000302	-0.521869272	count	1
HDGF	-0.3725931	0.0950163	-3.9214	8.98E-05	-0.52186763	count	1
IGIP	-1.2921809	0.9759714	-1.324	0.186	-0.521562656	count	1
FERMT2	-1.2921809	0.9843383	-1.3127	0.189	-0.521562656	count	1
ECPAS	-0.4584264	0.2695666	-1.7006	0.0891	-0.521506	count	1
BCL9	-0.8127452	0.5227364	-1.5548	0.12	-0.521318099	count	1
CISD1	-0.4017913	0.1723924	-2.3307	0.0198	-0.52113088	count	1
GFM2	-0.6068634	0.3592981	-1.689	0.0913	-0.521053882	count	1
AP001453.1	-1.8657801	1.2014461	-1.5529	0.121	-0.521007923	count	1
ATG13	-0.4433376	0.2550959	-1.7379	0.0823	-0.521000359	count	1
ADIRF	-0.5300564	0.3115243	-1.7015	0.0889	-0.52083162	count	1
HLA-DQB1	-0.3862591	0.1070922	-3.6068	0.000314	-0.520619221	count	1
UBL3	-0.3880146	0.1229752	-3.1552	0.00162	-0.52059295	count	1
LYSMD3	-0.4025893	0.1649514	-2.4407	0.0147	-0.520559998	count	1
ARIH2	-0.3792944	0.1224343	-3.0979	0.00196	-0.520536001	count	1
CMBL	-1.287861	0.8225107	-1.5658	0.117	-0.5204044	count	1
NETO2	-0.5853028	0.412077	-1.4204	0.156	-0.520121907	count	1
NCAPG	-1.0412017	0.9507756	-1.0951	0.274	-0.519806025	count	1
FRMD4A	-1.2854226	0.7699431	-1.6695	0.0951	-0.519749005	count	1
MSMP	-0.9009514	1.340905	-0.6719	0.502	-0.519627914	count	1
POM121	-0.4726544	0.2037351	-2.3199	0.0204	-0.51953304	count	1
LRRIQ3	-0.8079219	0.6277039	-1.2871	0.198	-0.518727069	count	1
ANKZF1	-0.4146734	0.1511566	-2.7433	0.00611	-0.518694655	count	1
ZBTB4	-0.4412324	0.20492	-2.1532	0.0314	-0.518597289	count	1
SDHA	-0.3825507	0.1198438	-3.1921	0.00143	-0.518548037	count	1
BCL2L1	-0.4019335	0.2003423	-2.0062	0.0449	-0.518047397	count	1
MAP7D3	-0.3993341	0.1797879	-2.2211	0.0264	-0.517988592	count	1
TBRG1	-0.3756448	0.1162864	-3.2303	0.00125	-0.517877976	count	1
CIITA	-1.0354854	0.6784275	-1.5263	0.127	-0.517655337	count	1
GMDS-DT	-0.5373524	0.2924994	-1.8371	0.0663	-0.517291221	count	1
LTBP3	-0.408659	0.1832472	-2.2301	0.0258	-0.516383441	count	1
MED25	-0.4302122	0.2656945	-1.6192	0.105	-0.516018335	count	1
CDKN1C	-0.3881873	0.1689666	-2.2974	0.0217	-0.515955882	count	1
YIF1A	-0.3736504	0.1404007	-2.6613	0.00782	-0.515557453	count	1
ZNF101	-0.3967664	0.1364436	-2.9079	0.00366	-0.515456562	count	1
NOP9	-0.8912775	0.5191263	-1.7169	0.0861	-0.515132144	count	1
COL1A2	-1.820602	0.6522814	-2.7911	0.00528	-0.514834285	count	1
CHEK1	-0.5989232	0.4216734	-1.4203	0.156	-0.514826072	count	1

AC127521.1	-0.504799	0.33643	-1.5005	0.134	-0.514515202	count	1
SIX5	-0.6517397	1.0050612	-0.6485	0.517	-0.514270305	count	1
MPP7	-0.4517701	0.2294647	-1.9688	0.0491	-0.514187417	count	1
SUSD3	-0.3716913	0.0986351	-3.7683	0.000167	-0.514141904	count	1
VAMP1	-0.5336643	0.4170286	-1.2797	0.201	-0.513963971	count	1
PKD1	-0.6218344	0.3226625	-1.9272	0.054	-0.513925972	count	1
MIOS	-0.4513873	0.2512452	-1.7966	0.0725	-0.513766263	count	1
ELAC2	-0.4546561	0.2508448	-1.8125	0.07	-0.513498753	count	1
EMB	-0.3618772	0.063006	-5.7435	1.01E-08	-0.513493568	count	0.000244218
TP53BP2	-0.3952271	0.1240215	-3.1868	0.00145	-0.513484109	count	1
NSD2	-0.4474971	0.2320689	-1.9283	0.0539	-0.51308089	count	1
CASZ1	-1.022764	0.4005099	-2.5537	0.0107	-0.512841257	count	1
AL136295.2	-1.805836	1.2591132	-1.4342	0.152	-0.512764962	count	1
OIP5	-1.805836	1.5499094	-1.1651	0.244	-0.512764962	count	1
ZNF324B	-0.7961743	0.5952403	-1.3376	0.181	-0.512389585	count	1
CXorf21	-0.8847485	0.5292915	-1.6716	0.0947	-0.512084067	count	1
EREG	-0.8844015	0.9325827	-0.9483	0.343	-0.511921732	count	1
IPO8	-0.4433596	0.2565491	-1.7282	0.084	-0.511864502	count	1
NUP58	-0.4285641	0.2043267	-2.0974	0.036	-0.511765553	count	1
AC137630.1	-1.2550916	0.8087515	-1.5519	0.121	-0.511500436	count	1
CREB3	-0.39043	0.1420477	-2.7486	0.00602	-0.511393991	count	1
MEMO1	-0.5576088	0.4396205	-1.2684	0.205	-0.51123732	count	1
UXS1	-0.3857822	0.1507657	-2.5588	0.0105	-0.510903681	count	1
OAS2	-0.3905196	0.1857405	-2.1025	0.0356	-0.510874716	count	1
DNAJC13	-0.4454479	0.2667096	-1.6702	0.095	-0.510806477	count	1
KMT2D	-0.5934013	0.3200509	-1.8541	0.0638	-0.510484682	count	1
KLF16	-0.3948519	0.1238944	-3.187	0.00145	-0.509886831	count	1
TOX2	-0.4997334	0.264784	-1.8873	0.0592	-0.509618766	count	1
ALOX12-AS1	-0.6158398	0.3783483	-1.6277	0.104	-0.509436272	count	1
ZNF57	-0.5920096	0.5378075	-1.1008	0.271	-0.509389169	count	1
MFGE8	-0.7274581	0.3755689	-1.9369	0.0528	-0.509065463	count	1
CEP76	-0.4843138	0.3219521	-1.5043	0.133	-0.508772942	count	1
RBM8A	-0.355368	0.0437618	-8.1205	6.43E-16	-0.508745601	count	1.56E-11
CASP7	-0.4302644	0.1972798	-2.181	0.0293	-0.508743943	count	1
TBCE	-1.0094897	0.7035661	-1.4348	0.151	-0.507776816	count	1
LAYN	-0.8753208	0.6210181	-1.4095	0.159	-0.507662973	count	1
SLFN5	-0.3627689	0.0749218	-4.842	1.34E-06	-0.507024877	count	0.03229132
LMOD3	-0.5256582	0.3715999	-1.4146	0.157	-0.506729099	count	1
ATF7	-0.4081962	0.2027157	-2.0136	0.0441	-0.506462526	count	1
TMEM99	-0.406766	0.2486299	-1.636	0.102	-0.506196345	count	1
SNX7	-1.0038031	0.9611891	-1.0443	0.296	-0.505594465	count	1
RAB33A	-0.3771302	0.1863557	-2.0237	0.0431	-0.505411135	count	1
CARMIL1	-0.5673267	0.3924845	-1.4455	0.148	-0.505383247	count	1
SEC23B	-0.4026909	0.2203926	-1.8272	0.0678	-0.505295745	count	1
MXD4	-0.3594851	0.0881534	-4.0779	4.65E-05	-0.505133725	count	1

MRPL1	-0.3783148	0.1128933	-3.3511	0.000814	-0.505075198	count	1
UBE2K	-0.3673023	0.1015923	-3.6155	0.000304	-0.504824634	count	1
GNG11	-1.2303827	0.5295983	-2.3232	0.0202	-0.504647941	count	1
FTSJ3	-0.42858	0.1956369	-2.1907	0.0285	-0.504138153	count	1
XAF1	-0.364766	0.1233825	-2.9564	0.00313	-0.503881377	count	1
SAMD9L	-0.3623386	0.1200271	-3.0188	0.00256	-0.503568794	count	1
CLASP1	-0.4787115	0.3036837	-1.5763	0.115	-0.503156124	count	1
TRIM41	-0.4528422	0.3073694	-1.4733	0.141	-0.503146258	count	1
DENND6B	-0.5014647	0.323045	-1.5523	0.121	-0.503132342	count	1
DMKN	-0.5213452	0.4757243	-1.0959	0.273	-0.502824724	count	1
FARP1	-0.7771435	0.5141333	-1.5116	0.131	-0.502042365	count	1
ADA	-0.385174	0.1774992	-2.17	0.0301	-0.501996437	count	1
TRBV19	-1.22076	0.885499	-1.3786	0.168	-0.501946619	count	1
ATP6V0B	-0.3521172	0.0661956	-5.3193	1.11E-07	-0.501554639	count	0.002679762
INTS6-AS1	-0.4142441	0.3149001	-1.3155	0.188	-0.50153037	count	1
EOGT	-1.7249414	0.7073734	-2.4385	0.0148	-0.500965145	count	1
CEP104	-0.4024489	0.2017391	-1.9949	0.0461	-0.500926892	count	1
AGO2	-0.3980841	0.1528528	-2.6044	0.00924	-0.500869759	count	1
POP1	-0.4831227	0.3209937	-1.5051	0.132	-0.500801352	count	1
PCSK7	-0.3803059	0.1065778	-3.5683	0.000364	-0.500057597	count	1
PTPN22	-0.360812	0.0924592	-3.9024	9.71E-05	-0.49995498	count	1
ACOX3	-0.8588954	0.4125957	-2.0817	0.0374	-0.499904726	count	1
AREL1	-0.5177811	0.4186562	-1.2368	0.216	-0.499594697	count	1
PARP16	-0.4537244	0.318166	-1.4261	0.154	-0.499511399	count	1
ECSCR	-1.211219	0.7209651	-1.68	0.093	-0.499250361	count	1
AC004951.1	-0.771942	0.5147224	-1.4997	0.134	-0.499196822	count	1
IQCH	-1.210713	1.2389059	-0.9772	0.329	-0.499107031	count	1
AL031775.1	-1.210713	1.2786351	-0.9469	0.344	-0.499107031	count	1
SLC14A2	-1.210713	1.408388	-0.8596	0.39	-0.499107031	count	1
CKS1B	-0.4285235	0.2014461	-2.1272	0.0335	-0.49833631	count	1
PLEKHM2	-0.3898581	0.1857945	-2.0983	0.0359	-0.498228822	count	1
GALC	-0.4737973	0.2775218	-1.7072	0.0879	-0.498223251	count	1
EIF2AK2	-0.3590441	0.118115	-3.0398	0.00239	-0.497834504	count	1
SMC3	-0.3544275	0.0838928	-4.2248	2.45E-05	-0.497324002	count	0.587951
GZF1	-0.3993979	0.2286607	-1.7467	0.0808	-0.497201283	count	1
PPP6R2	-0.3976712	0.1790334	-2.2212	0.0264	-0.496478692	count	1
COQ10A	-0.3987501	0.185426	-2.1505	0.0316	-0.496410087	count	1
SMARCD2	-0.4553923	0.1956483	-2.3276	0.02	-0.496392171	count	1
NIN	-0.3728872	0.1273845	-2.9273	0.00344	-0.496257219	count	1
ACAD10	-0.9792175	0.5357459	-1.8278	0.0677	-0.496070196	count	1
PIM3	-0.3482592	0.0647382	-5.3795	7.97E-08	-0.495936095	count	0.001924596
MSRB2	-0.3862302	0.2112268	-1.8285	0.0676	-0.495513539	count	1
LMO7	-0.4207295	0.2414929	-1.7422	0.0816	-0.495152461	count	1
XPA	-0.3569488	0.1157051	-3.085	0.00205	-0.495046	count	1
PLBD2	-0.6243232	0.4531713	-1.3777	0.168	-0.494816377	count	1

SMIM25	-0.512467	0.7788971	-0.6579	0.511	-0.494772666	count	1
SEPHS2	-0.3607259	0.1144895	-3.1507	0.00164	-0.494370263	count	1
DDX58	-0.3918153	0.1665456	-2.3526	0.0187	-0.494307484	count	1
ZNHIT2	-0.388768	0.2387685	-1.6282	0.104	-0.493841457	count	1
IFI16	-0.3474678	0.0576939	-6.0226	1.90E-09	-0.493760317	count	4.60E-05
GTPBP1	-0.500852	0.2236506	-2.2394	0.0252	-0.49374707	count	1
COL1A1	-1.6771751	1.3291602	-1.2618	0.207	-0.493617743	count	1
SAT1	-0.3461061	0.0612168	-5.6538	1.70E-08	-0.49354211	count	0.000410975
N4BP1	-0.3554681	0.0923898	-3.8475	0.000122	-0.493401519	count	1
ZNF419	-0.5106095	0.3924368	-1.3011	0.193	-0.493085458	count	1
TBC1D2	-0.7004292	0.5598293	-1.2511	0.211	-0.492593906	count	1
RFX2	-0.8423404	0.8261341	-1.0196	0.308	-0.492013664	count	1
METTL23	-0.3510099	0.0953679	-3.6806	0.000236	-0.491911094	count	1
AL078639.1	-1.6656325	1.0370777	-1.6061	0.108	-0.491798693	count	1
MACO1	-0.3887159	0.1615115	-2.4067	0.0161	-0.491603284	count	1
PDP1	-0.4198263	0.1896969	-2.2131	0.027	-0.491381411	count	1
PBLD	-0.9665415	1.0186289	-0.9489	0.343	-0.491103045	count	1
USP36	-0.3891089	0.12909	-3.0142	0.0026	-0.490950572	count	1
HSP90AA1	-0.3415216	0.0375771	-9.0886	1.67E-19	-0.490727283	count	4.06E-15
PHRF1	-0.4661795	0.2266375	-2.0569	0.0398	-0.490565573	count	1
DNPH1	-0.3578853	0.1054451	-3.394	0.000697	-0.49050115	count	1
NUP98	-0.3917089	0.1366949	-2.8656	0.00419	-0.490486618	count	1
STMN1	-0.3484869	0.0834554	-4.1757	3.04E-05	-0.49007786	count	0.7292048
DCAF11	-0.3792492	0.1905705	-1.9901	0.0467	-0.490014648	count	1
ATP6V1B2	-0.444769	0.2056727	-2.1625	0.0306	-0.490013262	count	1
CAPRIN1	-0.3780438	0.1450923	-2.6055	0.00921	-0.490003271	count	1
UBTF	-0.3521622	0.1020022	-3.4525	0.000562	-0.489213433	count	1
FAM110A	-0.3594386	0.1582131	-2.2719	0.0232	-0.489095389	count	1
MFSD5	-0.3949358	0.3004053	-1.3147	0.189	-0.488844461	count	1
FCN1	-0.6158796	0.8229391	-0.7484	0.454	-0.488782293	count	1
NAA50	-0.3573391	0.1082983	-3.2996	0.000978	-0.488687674	count	1
TVP23C	-0.5651334	0.4981334	-1.1345	0.257	-0.4881277	count	1
CSNK1D	-0.3683413	0.114699	-3.2114	0.00133	-0.487572887	count	1
AC008124.1	-0.4058449	0.2626572	-1.5452	0.122	-0.487483122	count	1
LYRM9	-0.4269646	0.2221933	-1.9216	0.0547	-0.486837994	count	1
UBR5	-0.3958428	0.1631083	-2.4269	0.0153	-0.486806844	count	1
FAM160B1	-0.3864077	0.1987528	-1.9442	0.052	-0.486428389	count	1
VIM	-0.3372707	0.0301851	-11.1734	1.72E-28	-0.486278218	count	4.18E-24
RTL10	-0.4927739	0.4228202	-1.1654	0.244	-0.486217546	count	1
STIP1	-0.3602845	0.126942	-2.8382	0.00456	-0.48589422	count	1
ORAI2	-0.3726829	0.1669327	-2.2325	0.0256	-0.485251623	count	1
RAB4B	-0.7461244	0.668428	-1.1162	0.264	-0.484963584	count	1
CAB39	-0.3595802	0.1317662	-2.7289	0.00639	-0.484951985	count	1
FAM161A	-0.6438054	0.4286121	-1.5021	0.133	-0.484527276	count	1
TMEM102	-0.38784	0.2186183	-1.7741	0.0761	-0.484425212	count	1

CTSZ	-0.3526883	0.1289798	-2.7344	0.00628	-0.484237561	count	1
AC017002.3	-0.4391186	0.6224414	-0.7055	0.481	-0.484011828	count	1
GNRH1	-1.6169995	1.3044366	-1.2396	0.215	-0.483943794	count	1
EIF2B4	-0.3768131	0.1654333	-2.2777	0.0228	-0.483604898	count	1
SNCG	-1.1563862	0.7166069	-1.6137	0.107	-0.483401384	count	1
ZNF225	-0.946999	0.7501396	-1.2624	0.207	-0.483369623	count	1
FLAD1	-0.3647238	0.1597437	-2.2832	0.0225	-0.483301755	count	1
DZIP3	-0.3772375	0.1843943	-2.0458	0.0409	-0.483253475	count	1
PELO	-0.3559829	0.1369993	-2.5984	0.00941	-0.483044141	count	1
COL8A1	-1.6081377	1.3936713	-1.1539	0.249	-0.482478847	count	1
MFAP1	-0.3496099	0.1087907	-3.2136	0.00132	-0.482305512	count	1
NAA38	-0.3422012	0.0971901	-3.5209	0.000436	-0.481860685	count	1
ALG9	-0.7397613	0.4966137	-1.4896	0.136	-0.481427488	count	1
CAMK2N2	-0.682203	0.7852833	-0.8687	0.385	-0.481371044	count	1
FURIN	-0.6388945	0.3339968	-1.9129	0.0558	-0.481231167	count	1
DAPK3	-0.4131023	0.2592806	-1.5933	0.111	-0.480898694	count	1
GRK5	-0.4563951	0.2635627	-1.7316	0.0834	-0.480710571	count	1
AC022390.1	-1.1463146	0.5666058	-2.0231	0.0431	-0.480424356	count	1
POLH	-0.5768401	0.3946513	-1.4616	0.144	-0.479981406	count	1
AGO1	-0.5548916	0.3313333	-1.6747	0.0941	-0.479973249	count	1
INTS2	-0.4553672	0.3404037	-1.3377	0.181	-0.479674002	count	1
NDUFC2	-0.3370622	0.0753143	-4.4754	7.88E-06	-0.479673462	count	0.1894746
LSM11	-0.602892	0.6192058	-0.9737	0.33	-0.479461828	count	1
STIM1	-0.417131	0.212616	-1.9619	0.0499	-0.479296001	count	1
GAS2L1	-0.7352259	0.6632727	-1.1085	0.268	-0.478900307	count	1
GMNN	-0.3605191	0.1306871	-2.7586	0.00584	-0.478680842	count	1
ZNF699	-0.4298353	0.277243	-1.5504	0.121	-0.478457919	count	1
PORCN	-0.467414	0.3390157	-1.3787	0.168	-0.478233708	count	1
RB1CC1	-0.3661838	0.1197353	-3.0583	0.00224	-0.478183772	count	1
UBXN2B	-0.5188922	0.3067	-1.6919	0.0908	-0.478097229	count	1
NDUFB10	-0.3351632	0.0561394	-5.9702	2.61E-09	-0.4780348	count	6.31E-05
SNX9	-0.4189364	0.178331	-2.3492	0.0189	-0.477961152	count	1
MRPS16	-0.3480356	0.1278809	-2.7216	0.00653	-0.477570579	count	1
SERPINH1	-0.7323947	0.3991234	-1.835	0.0666	-0.477319898	count	1
CARMIL2	-0.4180107	0.2637901	-1.5846	0.113	-0.476936813	count	1
MTRNR2L8	-0.3815645	0.1524539	-2.5028	0.0124	-0.476724398	count	1
KIF4A	-18.290806	2172.949896	-0.0084	0.993	-0.476526428	count	1
ATP5MGL	-17.774184	1172.703042	-0.0152	0.988	-0.476526424	count	1
CA6	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
LINC01765	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
ECM1	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
CD1C	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
RHEX	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
2-Mar	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
AC012442.1	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1

TMEM37	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
LHFPL4	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
AC135507.1	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
AC097634.1	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
STBD1	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
MAPK10	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
RTL8B	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
SAXO1	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
PARVA	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
WNT11	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
NDN	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
SPTLC3	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
SMC1B	-17.455882	2135.394602	-0.0082	0.993	-0.47652642	count	1
C1orf167	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
EPHA2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
SPOCD1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
TMEM35B	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
RAD54L	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC105942.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AL356441.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
HLX	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC098828.2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
PFN4	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC104695.2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC017083.2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
LIMS3	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC012447.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
CCDC148	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC011997.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
LINC01792	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
MLPH	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
LINC01990	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
NR1I2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
TMCC1-AS1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
MRAS	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
PLOD2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC147067.2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC069307.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
BTC	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
HHIP-AS1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC025176.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC005618.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC011337.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
WWC1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
LINC01962	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1

HLA-DQB1-AS1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
TREML1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC002480.2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC073115.2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC073349.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
TRBV10-3	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
CRYGN	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
BMX	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
COL4A5	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
KLHL13	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
HTRA4	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC090579.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
LY6E-DT	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC067930.2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AL157884.2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
PRSS3	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
TAL2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
PRRX2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
FIBIN	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
DEPDC7	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
SLC37A2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
CYP17A1-AS1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
DDX11-AS1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC008083.3	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
ADCY6	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
ASIC1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
TRPV4	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
TRDV2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
SLC7A8	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AL157912.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
JMJD7-PLA2G4B	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
C2CD4A	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC055855.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC090260.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
CMTM4	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
DYNLRB2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
FGF11	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
RASL10B	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC006441.1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
GRB7	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
ZPBP2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
HCRT	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
LRRC37A	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
ITGB3	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
GH1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1

ST6GALNAC2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
PPP4R1-AS1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
KCNK15-AS1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AZU1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
GRIN3B	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC123912.4	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
FBXO17	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
ZNF534	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
LILRA6	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC245884.10	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
IGLV1-47	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
BAIAP2L2	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
CU638689.5	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
KCNE1	-17.208987	2256.870203	-0.0076	0.994	-0.476526416	count	1
AC008972.2	-17.2081	1593.575898	-0.0108	0.991	-0.476526416	count	1
HIST1H3C	-18.2899845	2999.432559	-0.0061	0.995	-0.476526266	count	1
SLC26A4-AS1	-18.2896011	2470.647166	-0.0074	0.994	-0.476526266	count	1
UNC5B-AS1	-18.2896011	2470.647166	-0.0074	0.994	-0.476526266	count	1
AC018529.2	-18.2896011	2470.647166	-0.0074	0.994	-0.476526266	count	1
KCNE4	-18.0342021	1685.739	-0.0107	0.991	-0.476526264	count	1
ELAVL4	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
GREB1	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
RAB6C	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
TANC1	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
CYP27A1	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
CADM2	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
SLIT2	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
AC026412.3	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
HEY2	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
RPS6KA2	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
AC022893.1	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
PLEKHA7	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
AL355075.3	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
AC005696.4	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
SOST	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
DTNA	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
AF038458.2	-18.033758	2968.103815	-0.0061	0.995	-0.476526264	count	1
HMG3-AS1	-18.0331952	2431.701348	-0.0074	0.994	-0.476526264	count	1
LINC01762	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
TRPC3	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
RUNDC3B	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
SMIM10L2A	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
AC103957.2	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
ACTN3	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
MMP12	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1

SDSL	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
AJUBA	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
LINC02274	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
SNX22	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
HOXB6	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
MRC2	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
MYO5B	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
LRRC25	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
HSPB6	-17.9604619	2608.394193	-0.0069	0.995	-0.476526264	count	1
AC096887.1	-17.9602304	2154.952354	-0.0083	0.993	-0.476526264	count	1
RSPH4A	-17.9602304	2154.952354	-0.0083	0.993	-0.476526264	count	1
LINC01481	-17.9602304	2154.952354	-0.0083	0.993	-0.476526264	count	1
ST14	-17.9584573	2573.277729	-0.007	0.994	-0.476526264	count	1
CLDN7	-17.8938972	1496.211734	-0.012	0.99	-0.476526263	count	1
CD93	-17.7726457	1572.747648	-0.0113	0.991	-0.476526262	count	1
KCNN3	-17.7356936	2346.357241	-0.0076	0.994	-0.476526261	count	1
TACC2	-17.7356936	2346.357241	-0.0076	0.994	-0.476526261	count	1
GPR63	-17.7347442	2000.411082	-0.0089	0.993	-0.476526261	count	1
AL080317.2	-17.7347442	2000.411082	-0.0089	0.993	-0.476526261	count	1
GPRC5A	-17.7347442	2000.411082	-0.0089	0.993	-0.476526261	count	1
AC091057.4	-17.7347442	2000.411082	-0.0089	0.993	-0.476526261	count	1
RARRES2	-17.7340553	1802.815199	-0.0098	0.992	-0.476526261	count	1
WDR66	-17.7312903	1728.356342	-0.0103	0.992	-0.476526261	count	1
FAM110B	-17.7238733	1787.550737	-0.0099	0.992	-0.476526261	count	1
AL135818.2	-17.6561447	1715.590053	-0.0103	0.992	-0.476526262	count	1
AL928654.1	-17.6561337	2147.630097	-0.0082	0.993	-0.476526262	count	1
PRNCR1	-17.6290664	1284.943216	-0.0137	0.989	-0.476526262	count	1
COL4A2	-17.5907085	1081.498989	-0.0163	0.987	-0.476526262	count	1
P4HA2	-17.5545281	1832.787258	-0.0096	0.992	-0.476526259	count	1
CR381653.1	-17.5540267	1875.665939	-0.0094	0.993	-0.476526259	count	1
CELF5	-17.5357224	2026.974894	-0.0087	0.993	-0.476526259	count	1
PALMD	-17.535143	1584.732784	-0.0111	0.991	-0.476526259	count	1
IGKV3-20	-17.535143	1584.732784	-0.0111	0.991	-0.476526259	count	1
ASS1	-17.534855	1453.290165	-0.0121	0.99	-0.476526259	count	1
HSPB7	-17.5153356	1710.707466	-0.0102	0.992	-0.476526259	count	1
AL031772.1	-17.5153356	1710.707466	-0.0102	0.992	-0.476526259	count	1
DDIAS	-17.5152688	1559.554801	-0.0112	0.991	-0.476526259	count	1
EIF2S3B	-17.5152688	1559.554801	-0.0112	0.991	-0.476526259	count	1
AC137630.3	-17.4473446	1063.109957	-0.0164	0.987	-0.476526258	count	1
AC092343.1	-17.4470039	2093.443689	-0.0083	0.993	-0.476526258	count	1
ARMC12	-17.4470039	2093.443689	-0.0083	0.993	-0.476526258	count	1
MPDZ	-17.4470039	2093.443689	-0.0083	0.993	-0.476526258	count	1
GNAZ	-17.4470039	2093.443689	-0.0083	0.993	-0.476526258	count	1
SLC1A3	-17.4463538	1804.282201	-0.0097	0.992	-0.476526258	count	1
AP001318.2	-17.4463538	1804.282201	-0.0097	0.992	-0.476526258	count	1

AC005695.3	-17.4169546	1931.241301	-0.009	0.993	-0.476526257	count	1
COL5A1	-17.4169445	1534.903232	-0.0113	0.991	-0.476526257	count	1
AC104170.1	-17.4168557	1798.71277	-0.0097	0.992	-0.476526257	count	1
ASAP2	-17.4168074	1791.669529	-0.0097	0.992	-0.476526257	count	1
LINC01355	-17.2612851	1605.696561	-0.0108	0.991	-0.476526255	count	1
STAB1	-17.250311	1062.758199	-0.0162	0.987	-0.476526254	count	1
KRT17	-17.2450489	1536.332846	-0.0112	0.991	-0.476526254	count	1
AL034550.2	-17.2450489	1536.332846	-0.0112	0.991	-0.476526254	count	1
ADGRF5	-17.2450268	1793.343421	-0.0096	0.992	-0.476526254	count	1
ARHGAP20	-17.2450268	1793.343421	-0.0096	0.992	-0.476526254	count	1
SERTAD4-AS1	-17.1634631	1054.720438	-0.0163	0.987	-0.476526253	count	1
CD163	-17.133763	1085.861567	-0.0158	0.987	-0.476526252	count	1
PAPSS2	-17.0880719	1118.433472	-0.0153	0.988	-0.476526251	count	1
GAB1	-17.083985	1671.601949	-0.0102	0.992	-0.476526251	count	1
TTK	-17.083985	1671.601949	-0.0102	0.992	-0.476526251	count	1
STS	-17.083985	1671.601949	-0.0102	0.992	-0.476526251	count	1
PIWIL4	-17.083985	1671.601949	-0.0102	0.992	-0.476526251	count	1
CENPA	-17.0836571	1512.986422	-0.0113	0.991	-0.476526251	count	1
AC109454.2	-17.0836571	1512.986422	-0.0113	0.991	-0.476526251	count	1
LILRB4	-17.0004108	1058.595231	-0.0161	0.987	-0.476526249	count	1
CCR9	-16.854745	1523.98713	-0.0111	0.991	-0.476526246	count	1
TRIM36	-16.854745	1523.98713	-0.0111	0.991	-0.476526246	count	1
LY6G5B	-16.854745	1523.98713	-0.0111	0.991	-0.476526246	count	1
IGHEP2	-16.854745	1523.98713	-0.0111	0.991	-0.476526246	count	1
NRP1	-16.854745	1523.98713	-0.0111	0.991	-0.476526246	count	1
AL133523.1	-16.854745	1523.98713	-0.0111	0.991	-0.476526246	count	1
TPPP3	-16.854745	1523.98713	-0.0111	0.991	-0.476526246	count	1
MEIS2	-16.7733854	1258.483533	-0.0133	0.989	-0.476526243	count	1
CBY1	-0.4002403	0.3194876	-1.2528	0.21	-0.47649003	count	1
MARCKS	-0.9296126	0.4762738	-1.9518	0.051	-0.47641212	count	1
TRIM68	-1.5690488	1.0308195	-1.5221	0.128	-0.475890869	count	1
DUS4L	-0.4170179	0.3112601	-1.3398	0.18	-0.475838033	count	1
UBASH3B	-0.5024676	0.3293585	-1.5256	0.127	-0.475273694	count	1
PRIMPOL	-0.4907598	0.2854517	-1.7192	0.0857	-0.475000852	count	1
PAG1	-0.3541252	0.1235001	-2.8674	0.00416	-0.474846126	count	1
ZNF700	-0.4505628	0.3291229	-1.369	0.171	-0.47482589	count	1
OPA3	-0.4716834	0.289061	-1.6318	0.103	-0.474746222	count	1
LILRB3	-0.9247954	0.8040768	-1.1501	0.25	-0.474471523	count	1
ZNF580	-0.3546029	0.1547537	-2.2914	0.022	-0.474435673	count	1
FILIP1L	-0.5296932	0.4465791	-1.1861	0.236	-0.47424294	count	1
TRAF4	-0.3624632	0.1477636	-2.453	0.0142	-0.473996721	count	1
MCM6	-0.462849	0.2378521	-1.946	0.0517	-0.473780675	count	1
ANKLE2	-0.3497467	0.1206721	-2.8983	0.00378	-0.47366506	count	1
EXD2	-0.9226136	0.5464354	-1.6884	0.0914	-0.473590755	count	1
OGFOD1	-0.414627	0.2403311	-1.7252	0.0846	-0.473191163	count	1

DNAAF5	-0.5464003	0.4558963	-1.1985	0.231	-0.473190802	count	1
PPP2CA	-0.3398848	0.0845583	-4.0195	5.96E-05	-0.473001964	count	1
LIMS1	-0.3407423	0.1040023	-3.2763	0.00106	-0.472862787	count	1
ABHD13	-0.3610213	0.1530938	-2.3582	0.0184	-0.472729724	count	1
DDTL	-1.1183177	0.6883286	-1.6247	0.104	-0.472040323	count	1
FRMD4B	-0.3448454	0.1087401	-3.1713	0.00153	-0.471883217	count	1
WDR41	-0.3925159	0.3273135	-1.1992	0.231	-0.471833685	count	1
FAM129A	-0.3487571	0.1125494	-3.0987	0.00196	-0.471823416	count	1
CASP6	-0.3554374	0.1716831	-2.0703	0.0385	-0.471562804	count	1
NAGA	-0.6244834	0.3330336	-1.8751	0.0609	-0.471519588	count	1
POLR1E	-0.3708137	0.1607944	-2.3061	0.0212	-0.471380185	count	1
TNFRSF10D	-0.7217848	0.4762675	-1.5155	0.13	-0.471377742	count	1
USP51	-0.7217848	0.5795222	-1.2455	0.213	-0.471377742	count	1
CAMLG	-0.3346781	0.0756856	-4.422	1.01E-05	-0.471221732	count	0.2427737
RTP4	-0.3609785	0.2654215	-1.36	0.174	-0.470838274	count	1
DENND3	-0.426194	0.3216051	-1.3252	0.185	-0.470259406	count	1
ZNF639	-0.356395	0.1488371	-2.3945	0.0167	-0.46998858	count	1
IPO5	-0.4140373	0.2033499	-2.0361	0.0418	-0.469046942	count	1
B3GNTL1	-0.4077115	0.3195028	-1.2761	0.202	-0.468780911	count	1
RFFL	-0.3999411	0.2215947	-1.8048	0.0712	-0.468710035	count	1
PLCG1	-0.3880773	0.2699626	-1.4375	0.151	-0.468614206	count	1
SETD7	-0.4644456	0.2897893	-1.6027	0.109	-0.467815087	count	1
PMEPA1	-0.3584285	0.169794	-2.111	0.0348	-0.467551062	count	1
COA7	-0.6184956	0.4323407	-1.4306	0.153	-0.46746733	count	1
HIF1A	-0.3375232	0.0892782	-3.7806	0.000159	-0.46742173	count	1
ACO1	-0.6596988	0.4291882	-1.5371	0.124	-0.467386021	count	1
FSCN1	-0.4726281	0.2751616	-1.7176	0.086	-0.467369503	count	1
TCOF1	-0.3962976	0.2007038	-1.9745	0.0484	-0.467119269	count	1
CASK	-0.3525043	0.1244606	-2.8323	0.00465	-0.466816831	count	1
AL358075.2	-0.9054059	1.0879237	-0.8322	0.405	-0.466603784	count	1
GPM6B	-0.6158056	0.281382	-2.1885	0.0287	-0.465643631	count	1
RYBP	-0.3889659	0.1309414	-2.9705	0.00299	-0.465568118	count	1
EPM2A	-0.6564357	0.5696274	-1.1524	0.249	-0.46534649	count	1
ELOA	-0.3393097	0.1124164	-3.0183	0.00256	-0.465188892	count	1
KTI12	-0.3721647	0.2334908	-1.5939	0.111	-0.465179891	count	1
HOOK3	-0.345894	0.1391548	-2.4857	0.013	-0.46517079	count	1
USP22	-0.3558127	0.1488413	-2.3906	0.0169	-0.464795917	count	1
ZSCAN25	-0.4905978	0.3966687	-1.2368	0.216	-0.464704132	count	1
TRDMT1	-0.4793456	0.2813411	-1.7038	0.0885	-0.464556658	count	1
ZNF131	-0.3406578	0.1083064	-3.1453	0.00167	-0.464520923	count	1
PCGF2	-1.5036777	1.1974102	-1.2558	0.209	-0.464403332	count	1
WAPL	-0.345869	0.1076681	-3.2124	0.00133	-0.464193461	count	1
IGF2BP2	-0.7848819	1.0778633	-0.7282	0.467	-0.464067862	count	1
OSGEPL1-AS1	-0.7848819	1.098329	-0.7146	0.475	-0.464067862	count	1
NRSN2	-0.7848819	1.098329	-0.7146	0.475	-0.464067862	count	1

ICOS	-0.3302763	0.093664	-3.5262	0.000427	-0.464038408	count	1
CEP85	-0.5811768	0.4270238	-1.361	0.174	-0.463772873	count	1
USP14	-0.3421638	0.1085825	-3.1512	0.00164	-0.463712566	count	1
SETX	-0.3471955	0.1141497	-3.0416	0.00237	-0.463527306	count	1
FAM220A	-0.6123138	0.3669135	-1.6688	0.0952	-0.463273315	count	1
PDE4DIP	-0.3523556	0.1805253	-1.9518	0.051	-0.463169069	count	1
EIF1AD	-0.3633686	0.1642588	-2.2122	0.027	-0.463017163	count	1
NAGK	-0.3431364	0.1371965	-2.5011	0.0124	-0.462943123	count	1
ATXN3	-0.3683085	0.1702718	-2.1631	0.0306	-0.462859951	count	1
TTC7A	-0.4330926	0.2487759	-1.7409	0.0818	-0.462781245	count	1
AGPAT3	-0.4022353	0.2119891	-1.8974	0.0579	-0.462660244	count	1
EXOC8	-0.4279115	0.2634936	-1.624	0.104	-0.462650527	count	1
FDXR	-0.3846921	0.2479234	-1.5517	0.121	-0.462634684	count	1
SMARCD3	-0.553946	0.3566151	-1.5533	0.12	-0.462493833	count	1
SMAD5	-0.3881936	0.2724293	-1.4249	0.154	-0.462480629	count	1
EBPL	-0.3452205	0.1310319	-2.6346	0.00846	-0.462334104	count	1
PPP1R35	-0.3317971	0.0991265	-3.3472	0.000825	-0.462257223	count	1
RALA	-0.3305934	0.094858	-3.4851	0.000498	-0.462150953	count	1
FBXL22	-0.418452	0.4549403	-0.9198	0.358	-0.462005115	count	1
ABAT	-0.8940902	0.4689856	-1.9064	0.0567	-0.461970101	count	1
EBNA1BP2	-0.3496398	0.1530921	-2.2839	0.0224	-0.461659309	count	1
SHLD2	-0.3536979	0.1770977	-1.9972	0.0459	-0.461451142	count	1
IMPA2	-0.4577957	0.5128016	-0.8927	0.372	-0.461435873	count	1
DCAF12	-0.4068968	0.2709076	-1.502	0.133	-0.461199525	count	1
ATG3	-0.3308603	0.1015289	-3.2588	0.00113	-0.46117982	count	1
F8	-0.4431264	0.5236589	-0.8462	0.397	-0.46112949	count	1
BRD8	-0.3548156	0.1932688	-1.8359	0.0665	-0.460947851	count	1
FKBP7	-0.7782143	0.6069951	-1.2821	0.2	-0.460768887	count	1
PCAT1	-0.4567751	0.335204	-1.3627	0.173	-0.460455885	count	1
AC006449.2	-0.7771443	1.2263519	-0.6337	0.526	-0.460238404	count	1
KLHL21	-0.4648209	0.3482415	-1.3348	0.182	-0.460038443	count	1
IL2RA	-0.3658846	0.2089391	-1.7512	0.08	-0.459862551	count	1
PPARD	-0.8889241	0.5784307	-1.5368	0.124	-0.459844322	count	1
ZNF275	-0.7759654	0.4234404	-1.8325	0.067	-0.459653561	count	1
MAD1L1	-0.3304794	0.1011523	-3.2671	0.0011	-0.45858847	count	1
AL160313.1	-1.471458	1.0623752	-1.3851	0.166	-0.458519269	count	1
ANKRD39	-0.3468505	0.1477335	-2.3478	0.0189	-0.458486215	count	1
SLC16A1-AS1	-0.3779077	0.2410077	-1.568	0.117	-0.458451294	count	1
AP1AR	-0.3736345	0.1927615	-1.9383	0.0527	-0.458447719	count	1
TMSB4X	-0.3178931	0.0168764	-18.8365	2.32E-75	-0.458385856	count	5.64E-71
E2F3	-0.4012696	0.2449891	-1.6379	0.102	-0.458383919	count	1
LAP3	-0.3344228	0.1152566	-2.9016	0.00374	-0.458366483	count	1
YIPF2	-0.4076056	0.226435	-1.8001	0.0719	-0.458348191	count	1
C9orf3	-0.6448422	0.4468449	-1.4431	0.149	-0.458076368	count	1
TRIOBP	-0.4396538	0.2739143	-1.6051	0.109	-0.457667725	count	1

SPINK2	-0.4717703	0.3748432	-1.2586	0.208	-0.457607149	count	1
SPART	-0.3740957	0.162583	-2.301	0.0215	-0.457376934	count	1
FAHD1	-0.4610106	0.2714913	-1.6981	0.0896	-0.456455134	count	1
C21orf62-AS1	-0.6953319	0.5828508	-1.193	0.233	-0.456428766	count	1
PYCARD	-0.3224352	0.0890464	-3.621	0.000298	-0.456357665	count	1
FRS2	-0.470301	0.3405288	-1.3811	0.167	-0.456257576	count	1
AC016876.1	-0.5079284	0.4047561	-1.2549	0.21	-0.456060088	count	1
GNG12	-1.4574136	0.9782187	-1.4899	0.136	-0.455907603	count	1
TMEM186	-0.412704	0.3626533	-1.138	0.255	-0.455868867	count	1
SKI	-0.3737015	0.1890814	-1.9764	0.0482	-0.455213421	count	1
USP45	-0.4916716	0.3251183	-1.5123	0.131	-0.45456081	count	1
FMR1	-0.3411974	0.1416075	-2.4095	0.016	-0.454461003	count	1
MPC1	-0.3248927	0.1011562	-3.2118	0.00133	-0.454268807	count	1
MTIF2	-0.350955	0.186504	-1.8818	0.06	-0.453911233	count	1
SRF	-0.4676612	0.3050668	-1.533	0.125	-0.453831528	count	1
MIR222HG	-0.403203	0.2447925	-1.6471	0.0996	-0.453547543	count	1
AL359220.1	-0.5217579	0.2501559	-2.0857	0.0371	-0.453397004	count	1
CDKN2C	-0.3448095	0.2083976	-1.6546	0.0981	-0.453352392	count	1
DAXX	-0.3337766	0.1193816	-2.7959	0.0052	-0.453336605	count	1
ATP1B1	-0.3260934	0.132461	-2.4618	0.0139	-0.453147334	count	1
RAB28	-0.4141884	0.2020687	-2.0497	0.0405	-0.453040254	count	1
MRS2	-0.3964462	0.2927718	-1.3541	0.176	-0.453028781	count	1
CLEC16A	-0.4489212	0.4141738	-1.0839	0.278	-0.452906237	count	1
SLC35A3	-0.4346248	0.2241049	-1.9394	0.0525	-0.452649564	count	1
USP13	-0.6876031	0.5153525	-1.3342	0.182	-0.452025115	count	1
BAK1	-0.3310037	0.1357356	-2.4386	0.0148	-0.451813874	count	1
ZNF587B	-1.0525925	0.5450052	-1.9313	0.0535	-0.451723657	count	1
HERC2	-0.3655677	0.1691254	-2.1615	0.0307	-0.451723486	count	1
PCED1A	-0.4335405	0.3969958	-1.0921	0.275	-0.451566848	count	1
TRAPPC13	-0.4169617	0.2680829	-1.5553	0.12	-0.451234345	count	1
EDC3	-0.4331747	0.3963222	-1.093	0.274	-0.451201526	count	1
CAND1	-0.3271743	0.1099063	-2.9768	0.00293	-0.451138765	count	1
TCEAL3	-0.3450948	0.1976804	-1.7457	0.0809	-0.450949396	count	1
ZMYND19	-0.4468872	0.2715577	-1.6456	0.0999	-0.450948643	count	1
FAM126B	-0.4550252	0.2090895	-2.1762	0.0296	-0.450819181	count	1
ATP11A	-0.5015351	0.3999104	-1.2541	0.21	-0.450695131	count	1
BRPF1	-0.386477	0.287934	-1.3422	0.18	-0.450692144	count	1
PUS3	-0.3634779	0.2142468	-1.6965	0.0899	-0.450589556	count	1
ZNF431	-0.3887541	0.1886783	-2.0604	0.0394	-0.450498652	count	1
AL392172.1	-0.4210984	0.3150386	-1.3367	0.181	-0.450443221	count	1
GTDC1	-0.4864586	0.2314391	-2.1019	0.0356	-0.450031398	count	1
SLC35E4	-0.3908883	0.335515	-1.165	0.244	-0.449960402	count	1
CLPP	-0.3186528	0.0704562	-4.5227	6.31E-06	-0.449773499	count	0.1517555
UBE4B	-0.4316075	0.2413847	-1.788	0.0739	-0.449636022	count	1
ERCC1	-0.3346754	0.1435228	-2.3319	0.0198	-0.449597589	count	1

MFHAS1	-0.3675715	0.1925649	-1.9088	0.0564	-0.449551686	count	1
NFE2L2	-0.316856	0.0680859	-4.6538	3.38E-06	-0.449402068	count	0.08135322
MT2A	-0.3139661	0.0620161	-5.0627	4.35E-07	-0.449380246	count	0.010493505
KDM5B	-0.3468048	0.1691451	-2.0503	0.0404	-0.449311615	count	1
ANKRD13C	-0.3673093	0.2048601	-1.793	0.0731	-0.44923707	count	1
TEX30	-0.4024295	0.2138853	-1.8815	0.06	-0.44890981	count	1
ID4	-1.4190593	0.9680918	-1.4658	0.143	-0.448628072	count	1
DCP1B	-0.3740652	0.3054975	-1.2244	0.221	-0.448118328	count	1
EMP2	-1.0409924	0.8241668	-1.2631	0.207	-0.448044576	count	1
FKBPL	-0.3722746	0.2188631	-1.7009	0.089	-0.448014793	count	1
DYNC1LI2	-0.3505766	0.1529278	-2.2924	0.0219	-0.447839604	count	1
LUC7L3	-0.3207144	0.0834072	-3.8452	0.000123	-0.447701077	count	1
ESD	-0.3186583	0.0894822	-3.5611	0.000374	-0.447676306	count	1
ACP5	-0.3346485	0.1789203	-1.8704	0.0615	-0.447616913	count	1
LIX1L	-0.3309831	0.1210099	-2.7352	0.00627	-0.447445505	count	1
TAP1	-0.3189756	0.0861418	-3.7029	0.000217	-0.447351259	count	1
CHM	-0.3330173	0.1482151	-2.2469	0.0247	-0.447079861	count	1
ZNF446	-0.44275	0.4061969	-1.09	0.276	-0.446963849	count	1
MNT	-0.513506	0.2893949	-1.7744	0.0761	-0.446732219	count	1
CBWD3	-0.459935	0.2965119	-1.5512	0.121	-0.446721053	count	1
TNIP3	-0.5577673	0.3144332	-1.7739	0.0762	-0.446713471	count	1
OTUD3	-0.4423173	0.305806	-1.4464	0.148	-0.446546847	count	1
KLHL7	-0.3826904	0.2097762	-1.8243	0.0682	-0.446386114	count	1
PCBD1	-0.331161	0.1628244	-2.0339	0.042	-0.446359459	count	1
AL139089.1	-0.6260688	0.589277	-1.0624	0.288	-0.446224947	count	1
RSPH3	-0.6259735	0.4267353	-1.4669	0.142	-0.446164545	count	1
ATXN1L	-0.4345796	0.2568085	-1.6922	0.0907	-0.446096221	count	1
ZDHHC14	-0.411998	0.3841113	-1.0726	0.284	-0.446050875	count	1
PIK3R3	-0.4119439	0.4313809	-0.9549	0.34	-0.445994355	count	1
PSMD14	-0.3245775	0.1113998	-2.9136	0.0036	-0.445988807	count	1
MCM8	-1.034084	0.6042143	-1.7115	0.0871	-0.445840073	count	1
ZMIZ1	-0.4693265	0.4442421	-1.0565	0.291	-0.445673183	count	1
STX10	-0.3265908	0.1143391	-2.8563	0.00431	-0.44564158	count	1
KDM5A	-0.3242142	0.1003587	-3.2306	0.00125	-0.445633459	count	1
WWP2	-0.4271641	0.2705306	-1.579	0.114	-0.44519442	count	1
MMP9	-0.7467406	0.6835011	-1.0925	0.275	-0.445039305	count	1
WBP4	-0.326421	0.1307662	-2.4962	0.0126	-0.445034681	count	1
HNRNPAB	-0.3130723	0.0654309	-4.7848	1.78E-06	-0.444974172	count	0.04288198
G3BP2	-0.3124016	0.0583655	-5.3525	9.25E-08	-0.444672726	count	0.002233413
FAM126A	-0.432756	0.2718635	-1.5918	0.112	-0.444303999	count	1
DNAJA2	-0.3153609	0.0788347	-4.0003	6.46E-05	-0.444230982	count	1
FGFR1OP2	-0.3127106	0.0653785	-4.7831	1.80E-06	-0.444153499	count	0.043362
SAMSN1	-0.3125368	0.0527537	-5.9245	3.45E-09	-0.444146815	count	8.34E-05
SPNS3	-0.3390765	0.1798888	-1.8849	0.0595	-0.443740788	count	1
CEP350	-0.3251705	0.1110493	-2.9282	0.00343	-0.443339985	count	1

HES4	-0.5527291	0.5201252	-1.0627	0.288	-0.443022221	count	1
KCNK6	-0.6208518	0.2846626	-2.181	0.0293	-0.442914286	count	1
PDZD7	-1.0242152	0.9820781	-1.0429	0.297	-0.442673517	count	1
MRPL17	-0.3219585	0.143733	-2.24	0.0252	-0.442548781	count	1
DVL2	-0.5520128	0.2495918	-2.2117	0.0271	-0.442496869	count	1
CDR2	-0.3602205	0.1582456	-2.2763	0.0229	-0.442288042	count	1
TRMT2B	-0.7412642	0.3144077	-2.3577	0.0184	-0.442275889	count	1
MCOLN1	-0.3859773	0.2830655	-1.3636	0.173	-0.441390933	count	1
XPO5	-0.5265288	0.3952413	-1.3322	0.183	-0.441362498	count	1
USP4	-0.355889	0.1760954	-2.021	0.0434	-0.441340613	count	1
SLC7A5	-0.3736301	0.1656401	-2.2557	0.0242	-0.441019673	count	1
ALG6	-0.371643	0.2620315	-1.4183	0.156	-0.441013712	count	1
AL139260.1	-0.8426016	1.137205	-0.7409	0.459	-0.440493554	count	1
AL138762.1	-0.8423272	0.7420172	-1.1352	0.256	-0.440377371	count	1
POLR1B	-0.4064151	0.3538731	-1.1485	0.251	-0.440214615	count	1
SAFB	-0.3293383	0.1201812	-2.7403	0.00617	-0.439883512	count	1
MED17	-0.3846098	0.2625501	-1.4649	0.143	-0.439869246	count	1
APP	-0.4885474	0.2307982	-2.1168	0.0344	-0.439763406	count	1
PAQR3	-0.4431154	0.3457743	-1.2815	0.2	-0.439579017	count	1
TJP3	-1.0142676	0.6429141	-1.5776	0.115	-0.43946088	count	1
ETF1	-0.3229941	0.1219834	-2.6479	0.00814	-0.439204557	count	1
CDKN1B	-0.3093966	0.0604215	-5.1206	3.21E-07	-0.439199449	count	0.007745088
TBC1D4	-0.3489997	0.1337443	-2.6095	0.00911	-0.438962009	count	1
STEAP4	-1.0124435	0.8461409	-1.1965	0.232	-0.438869534	count	1
CNOT7	-0.318224	0.0975062	-3.2636	0.00111	-0.438734449	count	1
TESK1	-0.3513424	0.2291223	-1.5334	0.125	-0.438354104	count	1
RPL27A	-0.3052322	0.0244661	-12.4757	5.85E-35	-0.438316463	count	1.42E-30
DYNLL2	-0.3282984	0.1110425	-2.9565	0.00313	-0.437792691	count	1
FBXW8	-1.0090005	0.5130709	-1.9666	0.0493	-0.437751396	count	1
KBTBD2	-0.3335415	0.1357783	-2.4565	0.0141	-0.437653945	count	1
LUM	-1.362957	0.4131139	-3.2992	0.00098	-0.437584329	count	1
PSMD8	-0.3065711	0.0569904	-5.3793	7.98E-08	-0.4375409	count	0.001926931
SLC3A2	-0.3062592	0.0534449	-5.7304	1.09E-08	-0.43737465	count	0.000263551
NOP10	-0.3071465	0.0726902	-4.2254	2.45E-05	-0.43735868	count	0.587951
TMEM131	-0.3495179	0.1898314	-1.8412	0.0657	-0.437318365	count	1
ETFDH	-0.3630799	0.2069037	-1.7548	0.0794	-0.437173846	count	1
GSPT1	-0.3103334	0.0663254	-4.679	3.00E-06	-0.437064707	count	0.072219
FAM20C	-0.6613354	0.7996531	-0.827	0.408	-0.436937316	count	1
AC092650.1	-0.6613354	1.052415	-0.6284	0.53	-0.436937316	count	1
IL6ST	-0.3415739	0.1093012	-3.1251	0.00179	-0.435617979	count	1
SCML1	-0.5718883	0.1959549	-2.9185	0.00354	-0.435585425	count	1
HDAC5	-0.411318	0.277481	-1.4823	0.138	-0.43503149	count	1
STARD7	-0.3250662	0.1293744	-2.5126	0.012	-0.434901393	count	1
DIAPH2	-0.3400995	0.1612145	-2.1096	0.035	-0.434630591	count	1
RC3H1	-0.3421244	0.1799972	-1.9007	0.0574	-0.434479404	count	1

LIMA1	-0.3191218	0.1382878	-2.3077	0.0211	-0.434173744	count	1
LINC00309	-0.9967218	0.8980377	-1.1099	0.267	-0.433743389	count	1
DR1	-0.3125879	0.1023271	-3.0548	0.00227	-0.433683437	count	1
AL136454.1	-0.9964684	0.4171427	-2.3888	0.017	-0.433660334	count	1
PIAS4	-0.3762731	0.2470259	-1.5232	0.128	-0.433568341	count	1
PDE4B	-0.3065729	0.067214	-4.5611	5.27E-06	-0.433455198	count	0.12675931
PPIL4	-0.3108556	0.0799993	-3.8857	0.000104	-0.433393596	count	1
CEP19	-0.3996693	0.3274823	-1.2204	0.222	-0.433153999	count	1
FAM193A	-0.3876134	0.2595547	-1.4934	0.135	-0.432873668	count	1
RFX1	-0.3730888	0.2166823	-1.7218	0.0852	-0.432794812	count	1
IRF7	-0.3159258	0.1277587	-2.4728	0.0135	-0.432684219	count	1
CKS2	-0.3124485	0.1012015	-3.0874	0.00204	-0.432549125	count	1
SMC2	-0.3359067	0.1890822	-1.7765	0.0757	-0.432520722	count	1
KMT2B	-0.3257327	0.1207433	-2.6977	0.00702	-0.432499334	count	1
MDP1	-0.4356102	0.4052737	-1.0749	0.283	-0.432478339	count	1
CTNNBL1	-0.327641	0.1327834	-2.4675	0.0137	-0.432427892	count	1
TEDC1	-0.3496343	0.2178424	-1.605	0.109	-0.432366784	count	1
RASA1	-0.4660892	0.2707592	-1.7214	0.0853	-0.432266127	count	1
KCNN4	-0.4034295	0.3291016	-1.2259	0.22	-0.432211434	count	1
CRTAM	-0.3156245	0.120515	-2.619	0.00886	-0.432115143	count	1
HSP90AB1	-0.3002297	0.030515	-9.8388	1.53E-22	-0.432103805	count	3.72E-18
PRKAR1B	-0.3986125	0.3579165	-1.1137	0.265	-0.432047029	count	1
LRRC20	-1.335103	0.9790489	-1.3637	0.173	-0.431923211	count	1
TNRC6C	-0.3450845	0.1432366	-2.4092	0.016	-0.431856362	count	1
NLRX1	-1.3342865	0.9793417	-1.3624	0.173	-0.431755438	count	1
MYL5	-0.4949742	0.4150038	-1.1927	0.233	-0.431698515	count	1
NINJ1	-0.3123855	0.1326161	-2.3556	0.0186	-0.431631835	count	1
ZFR2	-0.9901281	1.1290181	-0.877	0.381	-0.431577888	count	1
PVRIG	-0.9901281	1.1529627	-0.8588	0.391	-0.431577888	count	1
SYNE4	-0.9901281	1.2419473	-0.7972	0.425	-0.431577888	count	1
PPIL6	-0.9901281	1.304186	-0.7592	0.448	-0.431577888	count	1
UBR7	-0.4026404	0.236624	-1.7016	0.0889	-0.431395637	count	1
BCR	-0.602453	0.2967683	-2.03	0.0424	-0.431178734	count	1
ARID1B	-0.3201607	0.1191994	-2.6859	0.00727	-0.430815164	count	1
AEBP1	-2.689675	0.7692554	-3.4965	0.000478	-0.430753343	count	1
C17orf58	-0.4936353	0.4964793	-0.9943	0.32	-0.430608824	count	1
ZNF780A	-0.3404537	0.2268148	-1.501	0.133	-0.430444665	count	1
DCLRE1B	-0.8189741	0.5613685	-1.4589	0.145	-0.430422294	count	1
GAS6	-0.4523528	0.3976496	-1.1376	0.255	-0.430405448	count	1
PI4KB	-0.364386	0.2609489	-1.3964	0.163	-0.430351287	count	1
GPR155	-0.3447815	0.1699194	-2.0291	0.0425	-0.430296113	count	1
AC093673.1	-0.3359504	0.1919065	-1.7506	0.0801	-0.430227073	count	1
LARP1	-0.3318788	0.1295815	-2.5612	0.0105	-0.43019281	count	1
MAST4	-0.4930295	0.2643595	-1.865	0.0623	-0.430115635	count	1
SORBS3	-0.366089	0.2123173	-1.7243	0.0848	-0.429957547	count	1

SUDS3	-0.3114151	0.1193914	-2.6084	0.00914	-0.429854102	count	1
ANAPC7	-0.3679706	0.218152	-1.6868	0.0917	-0.42962353	count	1
RABGAP1	-0.3599657	0.2216357	-1.6241	0.104	-0.429561451	count	1
CANT1	-0.4177649	0.2869052	-1.4561	0.145	-0.429542007	count	1
DPEP2	-0.4176015	0.3093131	-1.3501	0.177	-0.429380829	count	1
SDC4	-0.4410693	0.3085727	-1.4294	0.153	-0.429297193	count	1
SOD2	-0.3154058	0.1044944	-3.0184	0.00256	-0.429148242	count	1
FUOM	-0.321203	0.1651992	-1.9443	0.0519	-0.428759153	count	1
PDLIM7	-0.3912142	0.3412462	-1.1464	0.252	-0.428715281	count	1
LRFN4	-0.4238243	0.3157036	-1.3425	0.18	-0.428684125	count	1
LRRC37B	-0.39519	0.256105	-1.5431	0.123	-0.428460442	count	1
AL118558.3	-0.5613294	0.5019416	-1.1183	0.264	-0.428279355	count	1
TNFSF10	-0.3006144	0.1090923	-2.7556	0.00589	-0.428098893	count	1
EEF1AKMT1	-0.4161584	0.3183878	-1.3071	0.191	-0.427957022	count	1
RNF227	-0.4743426	0.4839312	-0.9802	0.327	-0.42775683	count	1
C21orf2	-0.3254539	0.1714366	-1.8984	0.0577	-0.427653642	count	1
SH2D1A	-0.3054411	0.0826998	-3.6934	0.000225	-0.42748398	count	1
KCTD21	-0.811078	0.5211764	-1.5562	0.12	-0.427026223	count	1
SMAP2	-0.3013638	0.0519416	-5.802	7.16E-09	-0.426892325	count	0.000173165
ABCB10	-0.4383906	0.3659049	-1.1981	0.231	-0.426816171	count	1
LEPROTL1	-0.2979476	0.0402991	-7.3934	1.79E-13	-0.426810319	count	4.34E-09
TXLNA	-0.3460666	0.2215905	-1.5617	0.118	-0.426645928	count	1
SWAP70	-0.5075328	0.3689014	-1.3758	0.169	-0.426602309	count	1
STYXL1	-0.3497515	0.2602758	-1.3438	0.179	-0.426572703	count	1
EPB41L2	-0.530382	0.3599806	-1.4734	0.141	-0.426565982	count	1
BBS7	-0.4145186	0.2889913	-1.4344	0.152	-0.426338583	count	1
OXSR1	-0.3348667	0.1613025	-2.076	0.038	-0.426294533	count	1
SDHAF1	-0.3298553	0.1777091	-1.8562	0.0635	-0.426248865	count	1
NDFIP1	-0.3006239	0.0615885	-4.8812	1.10E-06	-0.426143213	count	0.0265144
FABP5	-0.2997255	0.0973739	-3.0781	0.0021	-0.425993664	count	1
INKA1	-0.6421787	0.5001026	-1.2841	0.199	-0.425816225	count	1
LAGE3	-0.3061552	0.1075732	-2.846	0.00445	-0.425780277	count	1
GZMK	-0.2953964	0.0529266	-5.5812	2.58E-08	-0.425519873	count	0.000623586
TRAV8-2	-0.4873217	0.3520115	-1.3844	0.166	-0.425463986	count	1
DCP2	-0.3076474	0.1012806	-3.0376	0.0024	-0.425428142	count	1
NPLOC4	-0.3439023	0.2239755	-1.5354	0.125	-0.425394786	count	1
HDDC3	-0.318117	0.1638036	-1.9421	0.0522	-0.425347796	count	1
KLHL5	-0.3560654	0.2591776	-1.3738	0.17	-0.425002941	count	1
SETD3	-0.3292082	0.1403665	-2.3453	0.0191	-0.424719847	count	1
ACTR5	-0.4010706	0.3195644	-1.2551	0.21	-0.424584929	count	1
TRMU	-0.3592777	0.2229249	-1.6117	0.107	-0.424449878	count	1
AC018809.2	-1.2986164	1.3861522	-0.9368	0.349	-0.424324873	count	1
TMEM225B	-1.2986164	1.4076721	-0.9225	0.356	-0.424324873	count	1
PRKACA	-0.5272041	0.2918324	-1.8065	0.0709	-0.424214758	count	1
NUFIP2	-0.3074371	0.0869123	-3.5373	0.00041	-0.424046324	count	1

LINC00662	-0.3519312	0.2228065	-1.5795	0.114	-0.424011623	count	1
SEPHS1	-0.3608815	0.1913381	-1.8861	0.0594	-0.423978982	count	1
TERF2IP	-0.2956116	0.0435533	-6.7874	1.34E-11	-0.42329249	count	3.25E-07
TXNDC15	-0.3115904	0.1266331	-2.4606	0.0139	-0.42317958	count	1
PHTF2	-0.3107385	0.1300245	-2.3898	0.0169	-0.423028758	count	1
TET3	-0.7034673	0.5119581	-1.3741	0.17	-0.42298966	count	1
SKA2	-0.3135051	0.1427533	-2.1961	0.0281	-0.422983192	count	1
CCDC93	-0.3543161	0.172241	-2.0571	0.0398	-0.422957647	count	1
MARF1	-0.3408207	0.2001649	-1.7027	0.0887	-0.422953209	count	1
NCL	-0.2941409	0.0354339	-8.3011	1.47E-16	-0.42271759	count	3.57E-12
TENT4A	-0.6367108	0.3055469	-2.0838	0.0372	-0.422623825	count	1
ERRFI1	-0.4251521	0.2545606	-1.6701	0.095	-0.422561558	count	1
AC005520.2	-0.5022688	0.6113954	-0.8215	0.411	-0.422494956	count	1
WWTR1	-0.8002037	0.6326567	-1.2648	0.206	-0.422324325	count	1
MRPS6	-0.2966596	0.0804967	-3.6854	0.000232	-0.422295014	count	1
FLVCR1	-0.8000272	0.437996	-1.8266	0.0679	-0.422247788	count	1
S100Z	-1.2887388	0.9693034	-1.3296	0.184	-0.422231862	count	1
USP30-AS1	-0.3572848	0.2192406	-1.6296	0.103	-0.422146405	count	1
RECK	-0.3712284	0.2585694	-1.4357	0.151	-0.42185552	count	1
ATP11B	-0.3432697	0.1552942	-2.2104	0.0271	-0.421831193	count	1
APOBEC3F	-0.3773441	0.3552015	-1.0623	0.288	-0.421733674	count	1
ELP6	-0.3203879	0.1583863	-2.0228	0.0432	-0.421547179	count	1
MTERF4	-0.3059443	0.1063165	-2.8777	0.00403	-0.421403403	count	1
PSMC1	-0.3026678	0.1007173	-3.0051	0.00267	-0.421099188	count	1
SP100	-0.2956693	0.0566753	-5.2169	1.93E-07	-0.421017135	count	0.004658055
C14orf119	-0.3025287	0.100558	-3.0085	0.00264	-0.420831023	count	1
FAM117B	-0.4089241	0.2590101	-1.5788	0.114	-0.420812379	count	1
PGM2L1	-0.322183	0.153937	-2.093	0.0364	-0.42075849	count	1
BAP1	-0.4416082	0.3802587	-1.1613	0.246	-0.420703662	count	1
FOXO1	-0.3069911	0.0950756	-3.2289	0.00125	-0.420200672	count	1
ZNF691	-0.5495857	0.6257729	-0.8783	0.38	-0.420117697	count	1
DDX60	-0.3299309	0.1735356	-1.9012	0.0574	-0.420092213	count	1
AL139384.1	-0.4224202	0.4319278	-0.978	0.328	-0.419966793	count	1
ELMO1	-0.3416712	0.1764533	-1.9363	0.0529	-0.419899992	count	1
SF3A1	-0.3183243	0.1375547	-2.3142	0.0207	-0.419791249	count	1
EHD4	-0.326901	0.1369119	-2.3877	0.017	-0.419562443	count	1
RAD51D	-0.4514368	0.3574129	-1.2631	0.207	-0.41942161	count	1
PPP1R3B	-0.5838873	0.336813	-1.7336	0.0831	-0.419243006	count	1
AP2A2	-0.3660995	0.2354071	-1.5552	0.12	-0.419238368	count	1
PARVG	-0.3070841	0.1194596	-2.5706	0.0102	-0.418996372	count	1
PNPT1	-0.3421447	0.1942595	-1.7613	0.0783	-0.418995776	count	1
S100A16	-2.4515283	1.2251327	-2.001	0.0455	-0.418924466	count	1
PATL1	-0.3458307	0.2262575	-1.5285	0.126	-0.418565589	count	1
C9orf85	-0.3341185	0.2025051	-1.6499	0.0991	-0.418335368	count	1
PTTG1IP	-0.307783	0.1260455	-2.4418	0.0147	-0.418243486	count	1

SCAF8	-0.4202597	0.2188987	-1.9199	0.055	-0.417913505	count	1
CCDC88B	-0.3399099	0.1847308	-1.84	0.0659	-0.417771696	count	1
OTUD6B	-0.3770192	0.248938	-1.5145	0.13	-0.417625348	count	1
KTN1	-0.2930708	0.0574987	-5.097	3.64E-07	-0.417526578	count	0.0087815
CCDC34	-0.3479621	0.3197729	-1.0882	0.277	-0.417465397	count	1
ZNF34	-0.38886	0.3221539	-1.2071	0.227	-0.417127894	count	1
GNL3	-0.3289282	0.135587	-2.426	0.0153	-0.417020362	count	1
NDUFS4	-0.3040023	0.1260875	-2.411	0.016	-0.416437366	count	1
PDCD2L	-0.5166522	0.309825	-1.6676	0.0955	-0.416388207	count	1
TASP1	-0.3692234	0.2176892	-1.6961	0.09	-0.416370707	count	1
CD28	-0.2996137	0.1014816	-2.9524	0.00317	-0.416003422	count	1
INTS13	-0.3371939	0.1757222	-1.9189	0.0551	-0.415885824	count	1
OPTN	-0.2925879	0.0710411	-4.1186	3.90E-05	-0.415735418	count	0.935142
EPHB6	-0.3498547	0.2121422	-1.6492	0.0992	-0.41569512	count	1
KNSTRN	-0.5780872	0.4383376	-1.3188	0.187	-0.415494883	count	1
FAM104B	-0.3164415	0.2055813	-1.5393	0.124	-0.415429609	count	1
KHNYN	-0.47458	0.2845399	-1.6679	0.0954	-0.415049066	count	1
STIM2	-0.3031148	0.1047653	-2.8933	0.00384	-0.414766096	count	1
AC109446.3	-0.4458631	0.3103717	-1.4365	0.151	-0.414521382	count	1
PAF1	-0.336013	0.142025	-2.3659	0.018	-0.414452912	count	1
BLM	-0.3777374	0.3125635	-1.2085	0.227	-0.414396276	count	1
WDR73	-0.3817705	0.2211892	-1.726	0.0844	-0.414374245	count	1
COG4	-0.385816	0.201251	-1.9171	0.0553	-0.413970858	count	1
ZNF564	-0.6211674	0.6873233	-0.9037	0.366	-0.413504837	count	1
POLR2B	-0.302319	0.1026482	-2.9452	0.00325	-0.413365011	count	1
CACTIN	-0.51251	0.4101531	-1.2496	0.212	-0.413307634	count	1
KIF5C	-0.3496297	0.265388	-1.3174	0.188	-0.413292302	count	1
DUSP4	-0.2928408	0.1021163	-2.8677	0.00416	-0.413228024	count	1
MRPL14	-0.2946519	0.1065837	-2.7645	0.00573	-0.412966797	count	1
ZNF549	-0.4436308	0.4014935	-1.105	0.269	-0.412556622	count	1
STAG2	-0.297383	0.0918481	-3.2378	0.00122	-0.412409817	count	1
PPP1R3E	-0.5729552	0.4078795	-1.4047	0.16	-0.412170928	count	1
BTBD10	-0.315538	0.1994002	-1.5824	0.114	-0.412166245	count	1
PLSCR1	-0.3016515	0.1514262	-1.9921	0.0464	-0.412130992	count	1
CPNE2	-0.3362472	0.3006314	-1.1185	0.263	-0.411895497	count	1
ADRB1	-1.2400535	1.1671278	-1.0625	0.288	-0.411687929	count	1
RABGAP1L	-0.3008354	0.0995821	-3.021	0.00254	-0.411506107	count	1
LGALS1	-0.2860483	0.0616851	-4.6372	3.66E-06	-0.411270435	count	0.08808156
MRPL21	-0.2954731	0.1091924	-2.706	0.00684	-0.410976448	count	1
IPO13	-0.9277918	0.642383	-1.4443	0.149	-0.410646877	count	1
GTSCR1	-0.773157	0.7270959	-1.0633	0.288	-0.410504567	count	1
NCOA3	-0.3138304	0.141698	-2.2148	0.0268	-0.410496212	count	1
PEX10	-0.4120183	0.4154712	-0.9917	0.321	-0.410070984	count	1
STK35	-0.569282	0.3829877	-1.4864	0.137	-0.409787409	count	1
ARMCX3	-0.3193976	0.1188316	-2.6878	0.00723	-0.409281168	count	1

SLC25A44	-0.3913104	0.293423	-1.3336	0.182	-0.409194369	count	1
HIVEP3	-0.3479612	0.2352048	-1.4794	0.139	-0.409126095	count	1
BLOC1S1	-0.2883121	0.0750349	-3.8424	0.000124	-0.408886499	count	1
BISPR	-0.3178166	0.2334746	-1.3612	0.174	-0.408775367	count	1
TIFA	-0.2990614	0.1176107	-2.5428	0.011	-0.408773396	count	1
SRGAP3	-0.3803131	0.3021687	-1.2586	0.208	-0.40825871	count	1
AL365203.2	-1.2221889	1.067398	-1.145	0.252	-0.407722913	count	1
TRAPPC4	-0.2893747	0.080672	-3.5871	0.000339	-0.407286734	count	1
DOK4	-1.2199175	0.7858582	-1.5523	0.121	-0.407215047	count	1
ZC3H10	-0.4827379	0.4724016	-1.0219	0.307	-0.407191047	count	1
TPM4	-0.2861213	0.0620809	-4.6088	4.20E-06	-0.407181086	count	0.1010688
BNIP3L	-0.2942191	0.0898863	-3.2732	0.00107	-0.407127928	count	1
VPS26A	-0.2928261	0.0924419	-3.1677	0.00155	-0.407082867	count	1
MCF2L2	-0.5649195	0.808712	-0.6985	0.485	-0.406951869	count	1
PTPRK	-2.2496763	1.28256	-1.7541	0.0795	-0.406648687	count	1
AL031846.2	-0.9159532	0.8157464	-1.1228	0.262	-0.406577507	count	1
ARMCX2	-0.9159532	0.8548736	-1.0714	0.284	-0.406577507	count	1
SLC36A1	-0.9159532	0.8669901	-1.0565	0.291	-0.406577507	count	1
TUBA4A	-0.2836369	0.0439005	-6.4609	1.19E-10	-0.406552043	count	2.88E-06
CNPY2	-0.294091	0.1101164	-2.6707	0.0076	-0.406457343	count	1
GCA	-0.3154038	0.2101251	-1.501	0.133	-0.406417045	count	1
ZCCHC9	-0.310899	0.1622382	-1.9163	0.0554	-0.406165382	count	1
TPM1	-0.3495309	0.2560213	-1.3652	0.172	-0.406090639	count	1
ACAT1	-0.3063336	0.1367703	-2.2398	0.0252	-0.405788672	count	1
VPS13A	-0.3393238	0.1422934	-2.3847	0.0171	-0.405408879	count	1
NDFIP2	-0.3106116	0.1752066	-1.7728	0.0763	-0.405247138	count	1
HNRNPD	-0.286123	0.0609632	-4.6934	2.79E-06	-0.405152596	count	0.06716925
NMT2	-0.3389274	0.1969201	-1.7211	0.0853	-0.404944412	count	1
D2HGDH	-0.3817484	0.2498485	-1.5279	0.127	-0.404825727	count	1
AFTPH	-0.3175032	0.1716287	-1.8499	0.0644	-0.404463313	count	1
TAF1B	-0.2998538	0.1648565	-1.8189	0.069	-0.40443657	count	1
SURF4	-0.2901567	0.1026854	-2.8257	0.00475	-0.404236746	count	1
LGALS8	-0.3264819	0.1479296	-2.207	0.0274	-0.404178726	count	1
DIRC2	-0.5266247	0.5178264	-1.017	0.309	-0.404051909	count	1
Z84485.1	-0.9070641	0.8217746	-1.1038	0.27	-0.40350211	count	1
MAP3K7	-0.3672482	0.2529259	-1.452	0.147	-0.403226432	count	1
CLTA	-0.284265	0.0747046	-3.8052	0.000144	-0.403203732	count	1
AC117382.2	-0.5249952	0.8214519	-0.6391	0.523	-0.402906343	count	1
KLHL15	-0.6648558	0.3866462	-1.7195	0.0856	-0.4029033	count	1
LNK2	-0.4323872	0.3418877	-1.2647	0.206	-0.402641604	count	1
ZNF277	-0.3092945	0.1428988	-2.1644	0.0305	-0.402414422	count	1
GPSM2	-0.5242421	0.3446193	-1.5212	0.128	-0.402376658	count	1
SNTA1	-0.3164322	0.2180294	-1.4513	0.147	-0.402260858	count	1
DHX16	-0.3132254	0.1924719	-1.6274	0.104	-0.402210677	count	1
LY6G5C	-0.3626281	0.3053878	-1.1874	0.235	-0.402131274	count	1

NCOR2	-0.3317159	0.1799728	-1.8431	0.0654	-0.401784396	count	1
IFT43	-0.3503024	0.2016779	-1.7369	0.0825	-0.40158266	count	1
DUSP22	-0.3081832	0.1779954	-1.7314	0.0835	-0.401553623	count	1
MGA	-0.3158454	0.1766606	-1.7879	0.0739	-0.401524113	count	1
EIF4A1	-0.2874462	0.0729674	-3.9394	8.33E-05	-0.40140287	count	1
ANKRD9	-0.4309688	0.3226191	-1.3358	0.182	-0.401388579	count	1
RIMKLB	-0.4751128	0.3352018	-1.4174	0.156	-0.401188805	count	1
ZCCHC18	-0.6609237	0.5320864	-1.2421	0.214	-0.400836016	count	1
IFIT2	-0.3017717	0.2859842	-1.0552	0.291	-0.400564294	count	1
ZDHC6	-0.306109	0.1386642	-2.2076	0.0273	-0.400491402	count	1
AC007325.4	-1.1898777	0.8754176	-1.3592	0.174	-0.400418649	count	1
RASSF2	-0.3684678	0.2284501	-1.6129	0.107	-0.400374334	count	1
USP47	-0.3004724	0.1258407	-2.3877	0.017	-0.400289944	count	1
MINOS1	-0.2826583	0.0773421	-3.6546	0.000261	-0.400139433	count	1
ODC1	-0.284984	0.086896	-3.2796	0.00105	-0.400053844	count	1
CEP89	-0.3877956	0.2767237	-1.4014	0.161	-0.3998785	count	1
PCM1	-0.2873344	0.0766622	-3.7481	0.000181	-0.39976641	count	1
OAZ3	-0.7485959	1.266165	-0.5912	0.554	-0.399616258	count	1
AC008946.1	-0.7485959	1.266165	-0.5912	0.554	-0.399616258	count	1
AC093673.2	-0.7485959	1.4576124	-0.5136	0.608	-0.399616258	count	1
MAPK11	-0.5201225	0.3106587	-1.6743	0.0942	-0.39947645	count	1
NANOS1	-0.6580817	0.6445865	-1.0209	0.307	-0.399339339	count	1
CSNK1E	-0.3509078	0.2292046	-1.531	0.126	-0.399335485	count	1
USP3-AS1	-2.1435722	1.2591123	-1.7024	0.0888	-0.399234506	count	1
VEGFB	-0.2851176	0.0972958	-2.9304	0.00341	-0.39916874	count	1
CELF1	-0.3080972	0.1512331	-2.0372	0.0417	-0.399066036	count	1
EEF1AKMT4	-0.5967315	0.4275099	-1.3958	0.163	-0.399037954	count	1
USP39	-0.3167071	0.1762097	-1.7973	0.0724	-0.398891045	count	1
TNFAIP8	-0.2796541	0.0539277	-5.1857	2.28E-07	-0.398783026	count	0.005502324
PPP1R3D	-0.3866514	0.3085963	-1.2529	0.21	-0.398742007	count	1
OAZ2	-0.3808845	0.220032	-1.731	0.0835	-0.398672952	count	1
MAN2C1	-0.4927665	0.2806445	-1.7558	0.0792	-0.398561103	count	1
UBAC1	-0.3001157	0.1597522	-1.8786	0.0604	-0.398383452	count	1
NFKB2	-0.3558518	0.1372268	-2.5932	0.00955	-0.39835369	count	1
MAPK6	-0.3176202	0.1955009	-1.6246	0.104	-0.397964607	count	1
CP	-0.8910042	1.02778	-0.8669	0.386	-0.397902464	count	1
EMILIN1	-0.8910042	1.0797149	-0.8252	0.409	-0.397902464	count	1
RNF157	-0.3399148	0.2480407	-1.3704	0.171	-0.397572017	count	1
LRRC41	-0.3490295	0.2372721	-1.471	0.141	-0.397250093	count	1
NEDD4	-0.3847435	0.3432084	-1.121	0.262	-0.396846307	count	1
PSEN1	-0.3484794	0.1993278	-1.7483	0.0805	-0.396639227	count	1
MIR646HG	-2.108397	1.82836	-1.1532	0.249	-0.396616499	count	1
UBE2E2	-0.5926221	0.678219	-0.8738	0.382	-0.39658939	count	1
OMD	-0.6527318	0.780944	-0.8358	0.403	-0.396516295	count	1
SSH1	-0.4518681	0.3157245	-1.4312	0.152	-0.396379599	count	1

FBXO22	-0.3406751	0.2129571	-1.5997	0.11	-0.396027459	count	1
FHOD1	-0.4142604	0.3313634	-1.2502	0.211	-0.395882026	count	1
SNAPC2	-0.2953946	0.1434333	-2.0595	0.0395	-0.395781178	count	1
BCL7A	-2.0971801	1.3608175	-1.5411	0.123	-0.395764075	count	1
RAB2A	-0.2813256	0.0803412	-3.5016	0.000468	-0.395644083	count	1
CCDC91	-0.2846594	0.0952187	-2.9895	0.00281	-0.395619302	count	1
AL022069.1	-0.7391377	0.7588836	-0.974	0.33	-0.395383989	count	1
SESN2	-0.3636878	0.16764	-2.1695	0.0301	-0.395335061	count	1
NIPAL3	-0.3152179	0.1698176	-1.8562	0.0635	-0.39499562	count	1
IER3	-0.2853449	0.1306235	-2.1845	0.029	-0.394987447	count	1
DDAH2	-0.2871096	0.1259344	-2.2798	0.0227	-0.394982897	count	1
TCFL5	-0.4358017	0.4243729	-1.0269	0.305	-0.394918486	count	1
AC015819.1	-0.6496196	0.7027366	-0.9244	0.355	-0.394870621	count	1
EPS8L1	-0.4666182	0.5676713	-0.822	0.411	-0.394484096	count	1
HERC3	-0.328174	0.1880525	-1.7451	0.0811	-0.394158174	count	1
CLDND2	-0.4490872	0.420214	-1.0687	0.285	-0.394084492	count	1
CD4	-0.2928591	0.1306685	-2.2412	0.0251	-0.394057783	count	1
CHTOP	-0.3003663	0.1414392	-2.1236	0.0338	-0.394036458	count	1
FBXO25	-0.3762473	0.2173817	-1.7308	0.0836	-0.393985706	count	1
SLFN12	-0.3517383	0.3384908	-1.0391	0.299	-0.393868911	count	1
NCBP1	-0.3366594	0.2822017	-1.193	0.233	-0.393844441	count	1
BTG3	-0.2780053	0.0718303	-3.8703	0.000111	-0.393805245	count	1
DHODH	-0.3709951	0.3281884	-1.1304	0.258	-0.393794833	count	1
DICER1	-0.3035039	0.1867196	-1.6255	0.104	-0.393785474	count	1
TMCO3	-0.3814855	0.2943877	-1.2959	0.195	-0.393607284	count	1
EIF1AX	-0.2793944	0.0748011	-3.7352	0.000191	-0.393586072	count	1
PFDN2	-0.2778643	0.0687114	-4.0439	5.37E-05	-0.393569718	count	1
ANO9	-0.3513421	0.2750532	-1.2774	0.202	-0.393436788	count	1
NUP205	-0.4856821	0.3424325	-1.4183	0.156	-0.393244361	count	1
KCTD13	-0.3305624	0.2581244	-1.2806	0.2	-0.393213726	count	1
ZNF33B	-0.3358083	0.1910444	-1.7578	0.0789	-0.3928696	count	1
EXOC1	-0.3062778	0.174608	-1.7541	0.0795	-0.392658264	count	1
ZBTB20-AS2	-0.5426705	0.4889352	-1.1099	0.267	-0.392410611	count	1
ARHGAP21	-0.6449658	0.3024434	-2.1325	0.033	-0.392405097	count	1
NRIP1	-0.3746698	0.2492657	-1.5031	0.133	-0.392390128	count	1
PPFIA1	-0.3167534	0.1774682	-1.7848	0.0744	-0.392312986	count	1
METTL22	-0.7322527	0.5016983	-1.4595	0.145	-0.392289397	count	1
SNX2	-0.28456	0.1016466	-2.7995	0.00515	-0.392185493	count	1
HAUS7	-0.4839761	0.7094267	-0.6822	0.495	-0.391962032	count	1
RPA4	-0.87313	1.3818564	-0.6319	0.528	-0.391604528	count	1
ARNT2	-0.87313	1.4930402	-0.5848	0.559	-0.391604528	count	1
ZNF23	-0.87313	1.4930402	-0.5848	0.559	-0.391604528	count	1
KIFC3	-0.3495085	0.7025994	-0.4975	0.619	-0.391436529	count	1
VPS35L	-0.5087172	0.3668329	-1.3868	0.166	-0.391423346	count	1
AGPAT2	-0.2866473	0.1287235	-2.2268	0.026	-0.391253643	count	1

PAOX	-0.3852761	0.3164674	-1.2174	0.224	-0.391195975	count	1
MOCS2	-0.2979616	0.1889068	-1.5773	0.115	-0.390909714	count	1
EXOC6B	-0.3997563	0.3698825	-1.0808	0.28	-0.390841152	count	1
CEPT1	-0.3360292	0.2438452	-1.378	0.168	-0.390742829	count	1
MORN2	-0.481924	0.462944	-1.041	0.298	-0.390418539	count	1
RRAD	-0.8697032	0.5265912	-1.6516	0.0987	-0.390389086	count	1
TBCEL	-0.4444892	0.5523898	-0.8047	0.421	-0.39028535	count	1
MTDH	-0.2728297	0.054185	-5.0351	5.02E-07	-0.389894543	count	0.012107236
CD82	-0.2794883	0.1076394	-2.5965	0.00946	-0.38979599	count	1
LUZP1	-0.2843217	0.1033187	-2.7519	0.00596	-0.389744134	count	1
TMEM120B	-0.2800029	0.1081632	-2.5887	0.00967	-0.389599307	count	1
CPA5	-0.5057557	0.5460475	-0.9262	0.354	-0.389326554	count	1
CRACR2B	-0.7256204	0.7771216	-0.9337	0.351	-0.389297476	count	1
POLR3E	-0.3344534	0.1983694	-1.686	0.0919	-0.38894956	count	1
AKAP8	-0.3057136	0.1504521	-2.032	0.0422	-0.388797194	count	1
MTHFR	-0.3974602	0.3385024	-1.1742	0.24	-0.388691925	count	1
TM9SF4	-0.3342033	0.2164482	-1.544	0.123	-0.38866491	count	1
EP400	-0.3763014	0.1992881	-1.8882	0.0591	-0.388448571	count	1
TRAM2-AS1	-0.8641209	0.8866342	-0.9746	0.33	-0.388403761	count	1
AC008764.6	-0.5040627	0.4629891	-1.0887	0.276	-0.388126846	count	1
TRG-AS1	-0.2811223	0.1320566	-2.1288	0.0333	-0.388104596	count	1
GGACT	-0.3886262	0.2717721	-1.43	0.153	-0.387724878	count	1
KPNA2	-0.2801855	0.0846683	-3.3092	0.000945	-0.387689666	count	1
WDR43	-0.2830816	0.1140523	-2.482	0.0131	-0.387629242	count	1
ZNF367	-0.5353509	0.5193324	-1.0308	0.303	-0.387597662	count	1
LXN	-0.3160473	0.2429453	-1.3009	0.193	-0.387539153	count	1
BBS2	-0.5030561	0.3402379	-1.4785	0.139	-0.387413186	count	1
UBE3C	-0.3601572	0.2040801	-1.7648	0.0777	-0.387282821	count	1
GRIPAP1	-0.2975466	0.1430942	-2.0794	0.0377	-0.387275581	count	1
USP3	-0.2794384	0.0912748	-3.0615	0.00222	-0.387193297	count	1
PTMS	-0.277516	0.1382309	-2.0076	0.0448	-0.386992822	count	1
KCNMB1	-1.9870778	1.176794	-1.6886	0.0914	-0.386931218	count	1
CHERP	-0.3808079	0.222963	-1.7079	0.0877	-0.386828826	count	1
PGM2	-0.3054549	0.1912389	-1.5972	0.11	-0.386744597	count	1
SECISBP2	-0.2822208	0.1029149	-2.7423	0.00613	-0.386738884	count	1
HACD3	-0.2943088	0.1661985	-1.7708	0.0767	-0.386625537	count	1
KLHDC2	-0.283474	0.1197217	-2.3678	0.018	-0.386616107	count	1
LAS1L	-0.3091811	0.1982978	-1.5592	0.119	-0.386476245	count	1
SRRT	-0.2862692	0.1139162	-2.513	0.012	-0.386459415	count	1
ALCAM	-0.6334922	0.4575949	-1.3844	0.166	-0.386302619	count	1
HBEGF	-0.3591799	0.3156942	-1.1377	0.255	-0.386263645	count	1
YAE1D1	-0.3869211	0.3642655	-1.0622	0.288	-0.386091076	count	1
CLSTN3	-0.31983	0.2091038	-1.5295	0.126	-0.386008027	count	1
REXO2	-0.2786275	0.1038029	-2.6842	0.00731	-0.385987489	count	1
APOLD1	-0.3135674	0.1960956	-1.5991	0.11	-0.385889446	count	1

PRDX4	-0.2877472	0.1415642	-2.0326	0.0422	-0.385886253	count	1
LPIN1	-0.3040618	0.1211093	-2.5106	0.0121	-0.385875692	count	1
STK17A	-0.2691081	0.0451485	-5.9605	2.77E-09	-0.385784408	count	6.70E-05
MNAT1	-0.2850134	0.1277059	-2.2318	0.0257	-0.385666602	count	1
C6orf48	-0.2820622	0.0861669	-3.2734	0.00107	-0.385650353	count	1
DAP3	-0.2840512	0.1039059	-2.7337	0.00629	-0.38559856	count	1
CAMK1	-0.3734141	0.3667302	-1.0182	0.309	-0.385572847	count	1
MIR762HG	-0.4029464	0.3084485	-1.3064	0.192	-0.38555998	count	1
KTN1-AS1	-1.9702262	1.1360471	-1.7343	0.083	-0.385501883	count	1
NUDT22	-0.2810943	0.1317132	-2.1341	0.0329	-0.385476305	count	1
DCUN1D4	-0.3857046	0.2746879	-1.4042	0.16	-0.384925039	count	1
DRAP1	-0.2695546	0.0614729	-4.3849	1.20E-05	-0.384848394	count	0.288324
NT5M	-0.6306514	0.5547663	-1.1368	0.256	-0.384786429	count	1
USP1	-0.2749295	0.100368	-2.7392	0.00619	-0.384603767	count	1
CCDC107	-0.2701949	0.0643727	-4.1974	2.77E-05	-0.384581786	count	0.6645784
AP1G2	-0.3135973	0.1870787	-1.6763	0.0938	-0.384581201	count	1
TOP2A	-0.8533686	0.4884833	-1.747	0.0807	-0.384560645	count	1
ASL	-0.4236705	0.3043466	-1.3921	0.164	-0.38450416	count	1
PRELID3B	-0.2790293	0.108495	-2.5718	0.0102	-0.384483962	count	1
IL4R	-0.312407	0.1665927	-1.8753	0.0608	-0.384482848	count	1
GALK1	-0.3029226	0.2208423	-1.3717	0.17	-0.384447169	count	1
ST3GAL1	-0.3093084	0.1186694	-2.6065	0.00919	-0.384402958	count	1
FMC1	-0.3082504	0.1818033	-1.6955	0.0901	-0.384237888	count	1
ZEB1	-0.3000859	0.1439646	-2.0844	0.0372	-0.384071125	count	1
GLG1	-0.2857545	0.1129534	-2.5298	0.0115	-0.384042226	count	1
ATG5	-0.2767494	0.0972642	-2.8453	0.00446	-0.383649113	count	1
LHFPL6	-1.1183962	0.6404904	-1.7462	0.0809	-0.383641276	count	1
SARM1	-0.472876	0.3796509	-1.2456	0.213	-0.383599782	count	1
SFMBT1	-0.3488301	0.2067705	-1.687	0.0917	-0.383560665	count	1
FAM89B	-0.269531	0.062241	-4.3304	1.53E-05	-0.383530616	count	0.3674601
RPA1	-0.3221882	0.2231377	-1.4439	0.149	-0.383437077	count	1
LIME1	-0.7124674	0.8511466	-0.8371	0.403	-0.383332157	count	1
WDR61	-0.2949209	0.1572592	-1.8754	0.0608	-0.383331301	count	1
HIC1	-0.384007	0.2354919	-1.6307	0.103	-0.383297345	count	1
UQCC3	-0.286009	0.1671876	-1.7107	0.0872	-0.3832895	count	1
CSRP1	-0.2815993	0.1313334	-2.1442	0.0321	-0.383214559	count	1
LIN7B	-0.4103865	0.3064589	-1.3391	0.181	-0.383149845	count	1
CORO1B	-0.2702338	0.0760933	-3.5513	0.000388	-0.382934099	count	1
SPRYD7	-0.3133619	0.2890536	-1.0841	0.278	-0.382898092	count	1
GPRIN3	-0.2778277	0.0924183	-3.0062	0.00266	-0.382834938	count	1
PRPF6	-0.2794391	0.1064741	-2.6245	0.00872	-0.3828054	count	1
TMEM164	-0.569547	0.62492	-0.9114	0.362	-0.382756804	count	1
MAF	-0.2760859	0.0997046	-2.769	0.00565	-0.382648973	count	1
NUDT7	-0.3555368	0.3358029	-1.0588	0.29	-0.382462714	count	1
FAR1	-0.3267208	0.193396	-1.6894	0.0912	-0.382453472	count	1

NDEL1	-0.2976401	0.138612	-2.1473	0.0318	-0.38241167	count	1
HIST1H4C	-0.2681043	0.0643563	-4.1659	3.18E-05	-0.382364718	count	0.762723
ANP32E	-0.2691893	0.0644723	-4.1753	3.05E-05	-0.382164003	count	0.731573
NDUFB8	-0.2673807	0.0584982	-4.5708	5.03E-06	-0.381889909	count	0.12100671
NIT1	-0.3001784	0.2467811	-1.2164	0.224	-0.38183936	count	1
CMPK2	-0.3471294	0.3453455	-1.0052	0.315	-0.38174141	count	1
NUTM2B-AS1	-0.2806616	0.1153658	-2.4328	0.015	-0.381399969	count	1
Z98885.3	-0.8431866	0.8240664	-1.0232	0.306	-0.380898097	count	1
ANKRD13B	-1.1070006	1.1276858	-0.9817	0.326	-0.380886686	count	1
KLHL24	-0.2860308	0.1261788	-2.2669	0.0235	-0.380858249	count	1
RGS10	-0.2665662	0.0558275	-4.7748	1.87E-06	-0.380711728	count	0.04504456
AP4B1-AS1	-1.9154028	1.2088074	-1.5845	0.113	-0.380703052	count	1
KIF1C	-0.3581509	0.3532627	-1.0138	0.311	-0.380587242	count	1
AL359915.2	-0.8420839	0.618563	-1.3614	0.173	-0.380500088	count	1
CHMP2B	-0.2755459	0.0934132	-2.9498	0.0032	-0.380334791	count	1
ASB7	-0.4187842	0.3058549	-1.3692	0.171	-0.380298973	count	1
PRKAB2	-0.3493613	0.3723011	-0.9384	0.348	-0.380204062	count	1
SNRNP48	-0.3040524	0.165947	-1.8322	0.067	-0.380150304	count	1
ZBTB2	-0.2994959	0.177235	-1.6898	0.0912	-0.380149306	count	1
UBA2	-0.2770623	0.0990645	-2.7968	0.00519	-0.380103816	count	1
PLK3	-0.2753144	0.1020178	-2.6987	0.007	-0.380016485	count	1
CINP	-0.3000691	0.1885224	-1.5917	0.112	-0.380007116	count	1
SERBP1	-0.2660406	0.0477527	-5.5712	2.73E-08	-0.379988022	count	0.000659786
FAM228B	-0.3575027	0.283632	-1.2604	0.208	-0.37991979	count	1
SGTB	-0.2788099	0.1227319	-2.2717	0.0232	-0.379785164	count	1
EIF5	-0.2659035	0.0465768	-5.7089	1.23E-08	-0.379717817	count	0.000297377
AK9	-0.3262682	0.3049349	-1.07	0.285	-0.379628048	count	1
OCIAD2	-0.2663709	0.0605268	-4.4009	1.11E-05	-0.379577438	count	0.2667774
HSD17B1	-0.6208505	0.6138736	-1.0114	0.312	-0.379539502	count	1
DRAM1	-0.8393785	0.5056437	-1.66	0.097	-0.379522471	count	1
UBE2B	-0.2655254	0.0538449	-4.9313	8.56E-07	-0.378842749	count	0.020637304
SLC4A10	-0.7023684	0.7255783	-0.968	0.333	-0.378723266	count	1
SLC40A1	-0.3323513	0.285575	-1.1638	0.245	-0.378705286	count	1
ZNF394	-0.2725175	0.0835966	-3.2599	0.00113	-0.378580919	count	1
DCUN1D1	-0.3018798	0.1647851	-1.832	0.067	-0.378498266	count	1
SCRN1	-1.097011	1.0804397	-1.0153	0.31	-0.378453555	count	1
HLA-DOA	-1.097011	1.2688286	-0.8646	0.387	-0.378453555	count	1
SUN3	-1.097011	1.3369066	-0.8206	0.412	-0.378453555	count	1
TMEM45A	-1.097011	1.493283	-0.7346	0.463	-0.378453555	count	1
RTN4RL2	-1.097011	1.493283	-0.7346	0.463	-0.378453555	count	1
SPNS2	-1.097011	1.493283	-0.7346	0.463	-0.378453555	count	1
ARHGEF35	-0.5214055	0.4384933	-1.1891	0.234	-0.378388362	count	1
AC106028.4	-0.3559655	0.6091264	-0.5844	0.559	-0.378336587	count	1
SIL1	-0.3119033	0.2426099	-1.2856	0.199	-0.378179994	count	1
WRNIP1	-0.3105696	0.2063607	-1.505	0.132	-0.378095148	count	1

STK24	-0.2765189	0.1029458	-2.6861	0.00727	-0.377957358	count	1
LYL1	-0.346846	0.2822034	-1.2291	0.219	-0.377543298	count	1
ELOA-AS1	-0.4154718	0.4108376	-1.0113	0.312	-0.377444889	count	1
SEC24B-AS1	-0.4645605	0.6276197	-0.7402	0.459	-0.377313998	count	1
AL591846.2	-0.4645605	0.7736612	-0.6005	0.548	-0.377313998	count	1
HMGXB4	-0.2952913	0.1316936	-2.2423	0.025	-0.377255804	count	1
TLE3	-0.288108	0.1402532	-2.0542	0.04	-0.377145971	count	1
CREBBP	-0.3023869	0.1518828	-1.9909	0.0466	-0.377026873	count	1
C17orf80	-0.3393357	0.2875943	-1.1799	0.238	-0.376969092	count	1
GPR137	-0.3166252	0.2477997	-1.2777	0.201	-0.376936426	count	1
DNAJC7	-0.2692531	0.0901788	-2.9858	0.00285	-0.376828397	count	1
PAFAH1B1	-0.2669125	0.0680425	-3.9227	8.93E-05	-0.376427248	count	1
DKC1	-0.2907192	0.1484796	-1.958	0.0503	-0.376177619	count	1
UBE3A	-0.2763135	0.1073188	-2.5747	0.0101	-0.375703365	count	1
UCHL5	-0.274933	0.1251555	-2.1967	0.0281	-0.375649174	count	1
TRIB3	-0.3295196	0.2945447	-1.1187	0.263	-0.375551744	count	1
PSAT1	-0.5170834	0.3759925	-1.3752	0.169	-0.375523601	count	1
STX18-AS1	-1.8580744	1.3031001	-1.4259	0.154	-0.37543356	count	1
HSPD1	-0.2642533	0.0564854	-4.6783	3.01E-06	-0.375395385	count	0.07245672
BYSL	-0.4128504	0.4164124	-0.9914	0.322	-0.375184268	count	1
LIG1	-0.3135373	0.2500826	-1.2537	0.21	-0.375144144	count	1
SMARCD1	-0.2757062	0.1309985	-2.1047	0.0354	-0.375060077	count	1
CAVIN2	-0.61158	0.9446441	-0.6474	0.517	-0.374553772	count	1
MGRN1	-0.3129233	0.2301612	-1.3596	0.174	-0.374422284	count	1
EAH1-AS1	-1.0791436	0.9899787	-1.0901	0.276	-0.374059208	count	1
DDB1	-0.2957926	0.1838298	-1.6091	0.108	-0.373778371	count	1
BRICD5	-1.0770306	0.8875676	-1.2135	0.225	-0.373535858	count	1
AC027097.1	-0.4594523	0.3649501	-1.2589	0.208	-0.373443648	count	1
PLPP2	-1.83679	0.6226155	-2.9501	0.0032	-0.373409604	count	1
IL17RE	-0.4593604	0.8069742	-0.5692	0.569	-0.37337395	count	1
SPTAN1	-0.2682841	0.0924721	-2.9012	0.00374	-0.373209768	count	1
PPP1R21	-0.3358185	0.2123961	-1.5811	0.114	-0.373160593	count	1
FBXO34	-0.2745247	0.1144442	-2.3988	0.0165	-0.372920255	count	1
PPP5D1	-0.6895243	0.5912873	-1.1661	0.244	-0.372825655	count	1
TRIM5	-0.3036761	0.2316293	-1.311	0.19	-0.372594706	count	1
AC002310.1	-0.4582034	0.3905836	-1.1731	0.241	-0.372496344	count	1
SLC5A3	-0.2809036	0.1636141	-1.7169	0.0861	-0.372354198	count	1
SLC35A5	-0.3318491	0.3009366	-1.1027	0.27	-0.372140005	count	1
SPIDR	-0.3010094	0.211691	-1.4219	0.155	-0.371894364	count	1
RPGR	-0.3414786	0.2447958	-1.395	0.163	-0.371861324	count	1
MARVELD1	-0.6872544	0.9607709	-0.7153	0.474	-0.371779209	count	1
ROBO3	-0.5113994	0.6553112	-0.7804	0.435	-0.371748579	count	1
JAG2	-0.551225	0.5294629	-1.0411	0.298	-0.371673141	count	1
CARHSP1	-0.2679849	0.1067201	-2.5111	0.0121	-0.371540295	count	1
SPATA13	-0.290713	0.15676	-1.8545	0.0638	-0.371469804	count	1

ANXA5	-0.261184	0.065386	-3.9945	6.62E-05	-0.371382548	count	1
RFC1	-0.2635628	0.0835273	-3.1554	0.00162	-0.371357198	count	1
KIAA0100	-0.3538535	0.1929965	-1.8335	0.0668	-0.371285488	count	1
MTHFD1L	-0.3646494	0.3843708	-0.9487	0.343	-0.370998556	count	1
SCYL1	-0.3206655	0.1936821	-1.6556	0.0979	-0.370855985	count	1
KLHDC7B	-0.3306678	0.3057864	-1.0814	0.28	-0.370847128	count	1
TRIM26	-0.3146801	0.2011779	-1.5642	0.118	-0.370741219	count	1
EPN2	-0.3783052	0.3350572	-1.1291	0.259	-0.370714077	count	1
AKAP9	-0.2619794	0.070281	-3.7276	0.000196	-0.370552838	count	1
RAC1	-0.2596155	0.0548404	-4.734	2.29E-06	-0.370551373	count	0.05514778
PPP1R16B	-0.3127413	0.1834751	-1.7045	0.0884	-0.370494334	count	1
ZBTB6	-0.3274916	0.3719555	-0.8805	0.379	-0.370416918	count	1
BRD1	-0.2698147	0.0897954	-3.0048	0.00268	-0.370330033	count	1
NBL1	-0.2968795	0.2030601	-1.462	0.144	-0.370249883	count	1
FAM102A	-0.2764179	0.122142	-2.2631	0.0237	-0.370241737	count	1
HPF1	-0.2709459	0.1384869	-1.9565	0.0505	-0.369768663	count	1
IDH1	-0.3295783	0.2233911	-1.4753	0.14	-0.369654502	count	1
TRAV3	-0.6825866	0.9445964	-0.7226	0.47	-0.369623341	count	1
SPATS2	-0.2981118	0.2524449	-1.1809	0.238	-0.369541545	count	1
RAB27A	-0.2668572	0.1016149	-2.6262	0.00867	-0.369485398	count	1
NFIX	-1.795873	0.8937021	-2.0095	0.0446	-0.369412813	count	1
TDRKH	-0.4192607	0.3980518	-1.0533	0.292	-0.36934387	count	1
AQP3	-0.2622532	0.0926801	-2.8297	0.00469	-0.369342564	count	1
SPNS1	-0.2908464	0.1900185	-1.5306	0.126	-0.369294975	count	1
ASNSD1	-0.272779	0.1365464	-1.9977	0.0458	-0.369202212	count	1
ZMYM3	-0.4773645	0.4580734	-1.0421	0.297	-0.369106837	count	1
ABHD3	-0.3042284	0.1659937	-1.8328	0.0669	-0.369021097	count	1
GLIPR2	-0.2595735	0.0862199	-3.0106	0.00263	-0.368942026	count	1
AFF1	-0.2918827	0.1870085	-1.5608	0.119	-0.36889561	count	1
HIBCH	-0.2898653	0.1989728	-1.4568	0.145	-0.368866535	count	1
HLA-DPA1	-0.2569111	0.0589189	-4.3604	1.34E-05	-0.368834664	count	0.321935
EMC3	-0.2639727	0.1022549	-2.5815	0.00988	-0.368765741	count	1
HIST1H2BF	-0.6007213	0.5884885	-1.0208	0.307	-0.368685734	count	1
CMTR1	-0.4340924	0.2721825	-1.5949	0.111	-0.368637812	count	1
CAPS2	-0.5460736	0.6625498	-0.8242	0.41	-0.368540924	count	1
LRCH4	-0.2938266	0.166771	-1.7619	0.0782	-0.368527116	count	1
PDE7A	-0.2703408	0.1024078	-2.6398	0.00833	-0.368305042	count	1
CALU	-0.2887139	0.1558164	-1.8529	0.064	-0.368192091	count	1
SMYD2	-0.2859409	0.1746553	-1.6372	0.102	-0.368190662	count	1
FAM98A	-0.2899117	0.1723778	-1.6818	0.0927	-0.368121512	count	1
MICB	-0.3340359	0.2394539	-1.395	0.163	-0.36771647	count	1
NATD1	-0.5987791	0.6033749	-0.9924	0.321	-0.367632987	count	1
CLSPN	-0.4169387	0.3309094	-1.26	0.208	-0.367408329	count	1
STRIP1	-0.3452728	0.2685611	-1.2856	0.199	-0.367310392	count	1
LRBA	-0.2867673	0.1631184	-1.758	0.0788	-0.367203837	count	1

CCDC90B	-0.2659255	0.1146925	-2.3186	0.0205	-0.367202163	count	1
STK40	-0.3078108	0.2547036	-1.2085	0.227	-0.366626613	count	1
ITGB1BP1	-0.2610978	0.0917801	-2.8448	0.00447	-0.366599241	count	1
SLC12A4	-0.5425701	0.5192191	-1.045	0.296	-0.366406703	count	1
TSPAN15	-0.5961965	0.4869144	-1.2244	0.221	-0.366231611	count	1
EPB41L4A-AS1	-0.2838744	0.107203	-2.648	0.00813	-0.366189935	count	1
CTNNA1	-0.2925649	0.2312999	-1.2649	0.206	-0.365969416	count	1
VKORC1	-0.2625387	0.1025064	-2.5612	0.0105	-0.365932229	count	1
DTYMK	-0.2942323	0.1871968	-1.5718	0.116	-0.365914568	count	1
NAMPT	-0.2627371	0.099181	-2.6491	0.00811	-0.365839904	count	1
LONRF3	-0.6738726	0.6328152	-1.0649	0.287	-0.365584511	count	1
VWA8	-0.4145453	0.3069948	-1.3503	0.177	-0.365411838	count	1
NBPF9	-0.8005508	0.714555	-1.1203	0.263	-0.36531542	count	1
AC015849.1	-0.4486783	0.8860178	-0.5064	0.613	-0.365258089	count	1
PIK3CB	-0.3065632	0.2102363	-1.4582	0.145	-0.365166394	count	1
FANCE	-0.5013417	0.4050467	-1.2377	0.216	-0.36504783	count	1
TP53	-0.3253319	0.2337946	-1.3915	0.164	-0.365004071	count	1
FLVCR1-DT	-0.364897	0.3480756	-1.0483	0.295	-0.364928397	count	1
TMEM204	-0.2873294	0.1905421	-1.508	0.132	-0.364879073	count	1
TBCD	-0.2878049	0.1603734	-1.7946	0.0728	-0.364652609	count	1
GBE1	-0.4710533	0.4661441	-1.0105	0.312	-0.364583119	count	1
GALNT11	-0.293112	0.1912238	-1.5328	0.125	-0.36453956	count	1
SLC16A3	-0.2726424	0.1520076	-1.7936	0.073	-0.364367376	count	1
PLXNA2	-1.7458705	1.1905681	-1.4664	0.143	-0.364334597	count	1
DDR1	-1.7458705	1.249596	-1.3971	0.162	-0.364334597	count	1
CENPI	-1.7458705	1.4803065	-1.1794	0.238	-0.364334597	count	1
APPL1	-0.2645168	0.1073292	-2.4645	0.0138	-0.364244149	count	1
PDCD6	-0.2574498	0.0728589	-3.5335	0.000415	-0.364233612	count	1
AC124319.2	-1.0397928	1.0328147	-1.0068	0.314	-0.364185587	count	1
LRRRC14	-0.3380067	0.2759946	-1.2247	0.221	-0.364135611	count	1
NCOA2	-0.2955937	0.1823627	-1.6209	0.105	-0.364082197	count	1
PRKCE	-0.797195	0.4990286	-1.5975	0.11	-0.364072021	count	1
MRPS33	-0.2638376	0.1186757	-2.2232	0.0263	-0.363937417	count	1
PDP2	-0.4701499	0.4249853	-1.1063	0.269	-0.36393473	count	1
ZNF813	-0.3792988	0.6003572	-0.6318	0.528	-0.363886756	count	1
CYTOR	-0.2563563	0.0724468	-3.5385	0.000408	-0.363824675	count	1
CTU1	-0.3118941	0.27259	-1.1442	0.253	-0.363231482	count	1
HGF	-1.7352618	1.343054	-1.292	0.196	-0.36322908	count	1
JMJD6	-0.2601883	0.0833127	-3.123	0.00181	-0.363120643	count	1
RIOX2	-0.2992261	0.2520417	-1.1872	0.235	-0.363047061	count	1
TNFSF9	-0.2547126	0.1131369	-2.2514	0.0244	-0.362808733	count	1
MINK1	-0.3366526	0.3093509	-1.0883	0.277	-0.362717378	count	1
ZNF92	-0.2788509	0.1566239	-1.7804	0.0751	-0.362630376	count	1
AGL	-0.2814436	0.1734744	-1.6224	0.105	-0.362456228	count	1
AC245297.3	-0.2621357	0.1024084	-2.5597	0.0105	-0.362268201	count	1

TFPT	-0.2621864	0.136325	-1.9232	0.0545	-0.362245658	count	1
HSPB11	-0.2573838	0.0891519	-2.887	0.00391	-0.362169441	count	1
MITD1	-0.264847	0.1126672	-2.3507	0.0188	-0.362075237	count	1
ZNRF1	-0.2632352	0.121731	-2.1624	0.0307	-0.362043976	count	1
APOOL	-0.3401409	0.2532181	-1.3433	0.179	-0.362010087	count	1
ETS2	-0.2763996	0.1606416	-1.7206	0.0854	-0.361945794	count	1
AC114760.2	-0.3149603	0.1547401	-2.0354	0.0419	-0.361923247	count	1
ZNF48	-0.3688639	0.2924424	-1.2613	0.207	-0.361821628	count	1
TAOK2	-0.6653256	0.3615021	-1.8404	0.0658	-0.361605099	count	1
DLG3	-0.3442589	0.2487359	-1.384	0.166	-0.361527127	count	1
RAPGEF5	-1.0293729	0.9586703	-1.0738	0.283	-0.361525772	count	1
DECR2	-0.4437727	0.4490311	-0.9883	0.323	-0.361521026	count	1
NEK11	-0.4666915	0.6281389	-0.743	0.458	-0.36145055	count	1
ATP6V1G2	-1.7155119	1.085353	-1.5806	0.114	-0.361144295	count	1
RPS19BP1	-0.2547243	0.0708701	-3.5942	0.00033	-0.36109717	count	1
PRPF3	-0.2798552	0.1607116	-1.7414	0.0817	-0.361054777	count	1
TTC33	-0.3140488	0.1740419	-1.8044	0.0713	-0.360897543	count	1
RTN2	-0.6637599	0.9184952	-0.7227	0.47	-0.360874209	count	1
YEATS2	-0.3603421	0.4089928	-0.881	0.378	-0.360537951	count	1
DCUN1D5	-0.2716526	0.1501543	-1.8092	0.0705	-0.360525901	count	1
ST6GALNAC6	-0.3537962	0.3462973	-1.0217	0.307	-0.360333356	count	1
ADAT3	-0.4236765	0.4714619	-0.8986	0.369	-0.360303185	count	1
XYLT2	-0.442095	0.3967996	-1.1142	0.265	-0.360241532	count	1
CCDC144NL	-0.5848305	0.5498442	-1.0636	0.288	-0.360043851	count	1
LACC1	-0.4645476	0.4961687	-0.9363	0.349	-0.359909017	count	1
CCDC106	-1.0225452	0.9285523	-1.1012	0.271	-0.35977255	count	1
ECI1	-0.2665314	0.1398779	-1.9055	0.0568	-0.359523467	count	1
SDCBP2	-1.0212157	0.6750972	-1.5127	0.13	-0.359430212	count	1
MRPL41	-0.2531157	0.0704812	-3.5913	0.000334	-0.359424267	count	1
TMEM238	-0.2569252	0.0893575	-2.8753	0.00406	-0.359291843	count	1
AL354822.1	-0.4920668	0.7505307	-0.6556	0.512	-0.358844882	count	1
PRKD2	-0.2875987	0.1719539	-1.6725	0.0945	-0.358821122	count	1
PHACTR4	-0.2812214	0.1633789	-1.7213	0.0853	-0.358737531	count	1
MAGED2	-0.2570195	0.1010233	-2.5442	0.011	-0.358655743	count	1
SLC9A6	-0.6589473	0.443096	-1.4871	0.137	-0.358623822	count	1
MANF	-0.2597374	0.094109	-2.76	0.00581	-0.358593175	count	1
ZNF592	-0.4395839	0.3200899	-1.3733	0.17	-0.358325078	count	1
FBXL20	-0.3823787	0.2852477	-1.3405	0.18	-0.358164716	count	1
DMXL1	-0.3094227	0.1870492	-1.6542	0.0982	-0.358112318	count	1
DNAJC1	-0.252515	0.0754688	-3.346	0.000829	-0.3580885	count	1
APH1B	-0.2845748	0.2132428	-1.3345	0.182	-0.357994484	count	1
RCAN3	-0.2574057	0.0856374	-3.0058	0.00267	-0.357990686	count	1
PRMT1	-0.2534166	0.0795599	-3.1852	0.00146	-0.357990303	count	1
TRAPPC10	-0.2549349	0.0884965	-2.8807	0.00399	-0.357818507	count	1
PGD	-0.351098	0.2728221	-1.2869	0.198	-0.357677789	count	1

BEX4	-0.2679511	0.126438	-2.1192	0.0341	-0.357553329	count	1
DCAF16	-0.2766451	0.1692639	-1.6344	0.102	-0.357551415	count	1
RUVBL1	-0.2618345	0.1310505	-1.998	0.0458	-0.357539828	count	1
S100A2	-0.7793496	0.943687	-0.8259	0.409	-0.357418341	count	1
SMIM1	-1.6799046	0.702206	-2.3923	0.0168	-0.357296503	count	1
ARID4B	-0.2519414	0.0572245	-4.4027	1.10E-05	-0.357290708	count	0.264385
PIK3R2	-0.6559934	0.755895	-0.8678	0.386	-0.357239811	count	1
SMOX	-1.6792404	1.1564726	-1.452	0.147	-0.357223631	count	1
TFPI	-1.6787092	1.092224	-1.537	0.124	-0.357165312	count	1
DDX60L	-0.28607	0.1651325	-1.7324	0.0833	-0.356937603	count	1
PTK2B	-0.2750797	0.1825604	-1.5068	0.132	-0.356688569	count	1
AKIRIN1	-0.2539467	0.0706083	-3.5966	0.000327	-0.356687111	count	1
TCP1	-0.2557593	0.0861182	-2.9699	0.003	-0.356332921	count	1
NAPSA	-0.7757316	0.9743685	-0.7961	0.426	-0.356060822	count	1
NAB2	-0.3231176	0.2609318	-1.2383	0.216	-0.355996325	count	1
CCDC85B	-0.2484957	0.0493669	-5.0336	5.06E-07	-0.355946881	count	0.012203202
PRRC2C	-0.2495149	0.0458204	-5.4455	5.53E-08	-0.355730942	count	0.001335882
PIAS1	-0.2770108	0.1413753	-1.9594	0.0501	-0.355511017	count	1
ENDOG	-0.2916927	0.1649197	-1.7687	0.077	-0.355452448	count	1
B4GALT2	-0.4026042	0.5869368	-0.6859	0.493	-0.355429491	count	1
TRAM2	-1.0048651	0.5861219	-1.7144	0.0865	-0.355194409	count	1
ABHD2	-0.2950136	0.2397802	-1.2304	0.219	-0.354969007	count	1
SPRY2	-0.4170113	0.5081241	-0.8207	0.412	-0.354955241	count	1
GALM	-0.2666817	0.1366539	-1.9515	0.0511	-0.354952259	count	1
IST1	-0.2586297	0.1223	-2.1147	0.0345	-0.35479629	count	1
ZSWIM8	-0.3480404	0.2799483	-1.2432	0.214	-0.354666783	count	1
RNF4	-0.2667044	0.1234715	-2.16	0.0308	-0.354663112	count	1
INTS10	-0.2627186	0.122424	-2.146	0.0319	-0.354625716	count	1
CCR6	-0.2722353	0.1666926	-1.6332	0.103	-0.354614226	count	1
ZNF688	-0.2658276	0.1511238	-1.759	0.0787	-0.354439215	count	1
STAP1	-1.0018437	0.7270247	-1.378	0.168	-0.354406482	count	1
NLRP1	-0.270428	0.1426105	-1.8963	0.058	-0.354188628	count	1
YES1	-0.3606786	0.2019796	-1.7857	0.0742	-0.354095582	count	1
ELK3	-0.2584599	0.1257211	-2.0558	0.0399	-0.353925367	count	1
CBL	-0.2724759	0.1789885	-1.5223	0.128	-0.35388415	count	1
DLEU2	-0.3282034	0.2393282	-1.3714	0.17	-0.353859755	count	1
SNX10	-0.2590698	0.1514166	-1.711	0.0872	-0.353781316	count	1
NPL	-0.4154235	0.4115889	-1.0093	0.313	-0.353679569	count	1
HIC2	-0.5215198	0.3371429	-1.5469	0.122	-0.353515793	count	1
LRP1	-0.5725678	0.7700777	-0.7435	0.457	-0.35333085	count	1
PWWP2A	-0.2637107	0.141107	-1.8689	0.0617	-0.353324444	count	1
SPIN1	-0.3032043	0.1860945	-1.6293	0.103	-0.353302518	count	1
AC013264.1	-0.2836443	0.1774125	-1.5988	0.11	-0.352913016	count	1
PARVB	-0.2817607	0.1996185	-1.4115	0.158	-0.352617376	count	1
CHCHD10	-0.2488112	0.0745313	-3.3383	0.000852	-0.352604823	count	1

LINC01215	-0.6459182	0.4027022	-1.604	0.109	-0.35250317	count	1
BRMS1L	-0.3266205	0.2778343	-1.1756	0.24	-0.352198767	count	1
C1R	-0.9932916	0.4539639	-2.188	0.0287	-0.352167505	count	1
EED	-0.2605636	0.1332201	-1.9559	0.0506	-0.352151784	count	1
TMEM171	-0.7645795	0.6374743	-1.1994	0.23	-0.351858295	count	1
DBP	-0.2613123	0.151141	-1.7289	0.0839	-0.351850189	count	1
DOCK8	-0.2522671	0.0728648	-3.4621	0.000543	-0.351711375	count	1
MINDY1	-1.627816	1.144063	-1.4228	0.155	-0.351456159	count	1
NECTIN2	-0.9893621	0.8253995	-1.1986	0.231	-0.351134398	count	1
BATF	-0.2470623	0.0787513	-3.1372	0.0017	-0.351093324	count	1
PPP2CB	-0.2820665	0.2021377	-1.3954	0.163	-0.350974359	count	1
CERK	-0.2675698	0.1488124	-1.798	0.0723	-0.350917141	count	1
CIDEB	-0.3651157	0.2531487	-1.4423	0.149	-0.350824424	count	1
ALDH6A1	-0.3846946	0.2758074	-1.3948	0.163	-0.350796339	count	1
AKAP8L	-0.2681326	0.1166546	-2.2985	0.0216	-0.350751292	count	1
AC010175.1	-0.987525	1.5250491	-0.6475	0.517	-0.350650448	count	1
SCD	-0.7612567	0.7758332	-0.9812	0.327	-0.350600857	count	1
PPCDC	-0.3844452	0.3827147	-1.0045	0.315	-0.35057945	count	1
CLCN7	-0.3968054	0.3692072	-1.0747	0.283	-0.350569032	count	1
ZNF148	-0.2540168	0.1073849	-2.3655	0.0181	-0.350534675	count	1
CYR1	-1.618242	1.1674969	-1.3861	0.166	-0.350354895	count	1
PPM1F	-0.4794201	0.4273173	-1.1219	0.262	-0.350350492	count	1
SNAPC4	-0.5670463	0.4830797	-1.1738	0.241	-0.350295667	count	1
KPNA1	-0.279782	0.1763764	-1.5863	0.113	-0.350170536	count	1
SNTB2	-0.2616639	0.1335625	-1.9591	0.0502	-0.350062165	count	1
DGCR6L	-0.2506291	0.1136874	-2.2045	0.0276	-0.349970588	count	1
DBF4	-0.2537988	0.1052446	-2.4115	0.0159	-0.349944241	count	1
NCKAP5L	-0.3173236	0.3478918	-0.9121	0.362	-0.349767631	count	1
PSMA5	-0.246135	0.0711624	-3.4588	0.000549	-0.349755047	count	1
ID1	-0.3203961	0.2388705	-1.3413	0.18	-0.349488615	count	1
OTUD4	-0.3203164	0.2508509	-1.2769	0.202	-0.349403868	count	1
CACNB3	-0.4274866	0.4446193	-0.9615	0.336	-0.34906965	count	1
SEPSECS-AS1	-0.3483963	0.4607947	-0.7561	0.45	-0.349001408	count	1
TMTC2	-0.4273699	0.5834744	-0.7325	0.464	-0.348980181	count	1
LINC01550	-0.2604423	0.1581312	-1.647	0.0997	-0.348971362	count	1
GADD45A	-0.2517358	0.1025548	-2.4546	0.0142	-0.348930778	count	1
FAM91A1	-0.2957029	0.2487194	-1.1889	0.235	-0.348774602	count	1
POT1	-0.3946624	0.3216837	-1.2269	0.22	-0.348770676	count	1
CDV3	-0.2456439	0.0594695	-4.1306	3.71E-05	-0.348666448	count	0.889658
CFAP44	-0.4268419	0.6278678	-0.6798	0.497	-0.348575339	count	1
SEC14L2	-0.4764368	0.475308	-1.0024	0.316	-0.348340587	count	1
UBE2J2	-0.2554329	0.1201416	-2.1261	0.0336	-0.348241653	count	1
TYK2	-0.3544667	0.3206159	-1.1056	0.269	-0.348221984	count	1
CD44	-0.243391	0.0457719	-5.3175	1.12E-07	-0.348196851	count	0.002703792
TUBB	-0.2438136	0.0554692	-4.3955	1.14E-05	-0.347988384	count	0.2739648

SERAC1	-0.3709993	0.3699065	-1.003	0.316	-0.347959403	count	1
SPINT2	-0.2627005	0.143758	-1.8274	0.0677	-0.347696892	count	1
DUSP23	-0.2506664	0.1213417	-2.0658	0.0389	-0.347529249	count	1
AL365361.1	-0.3261204	0.2743836	-1.1886	0.235	-0.347502141	count	1
TRAV39	-0.6352333	0.7566054	-0.8396	0.401	-0.347452938	count	1
TIMM17B	-0.2476974	0.1021722	-2.4243	0.0154	-0.347268518	count	1
SMG6	-0.2619423	0.12837	-2.0405	0.0414	-0.347049609	count	1
CEP95	-0.2648536	0.1530767	-1.7302	0.0837	-0.346944618	count	1
JPT1	-0.2430326	0.0629534	-3.8605	0.000115	-0.346923676	count	1
ANKRD18B	-0.7514511	1.1129476	-0.6752	0.5	-0.346875935	count	1
ZNF330	-0.2625164	0.1390793	-1.8875	0.0592	-0.346730337	count	1
MPP5	-0.4739779	0.4618646	-1.0262	0.305	-0.346682239	count	1
APOBEC3C	-0.2440372	0.0858917	-2.8412	0.00452	-0.346607649	count	1
ZNF160	-0.2784278	0.2037777	-1.3663	0.172	-0.34650228	count	1
FAM214B	-0.4730037	0.4068282	-1.1627	0.245	-0.346024777	count	1
DNAJC3-DT	-0.3285721	0.4463111	-0.7362	0.462	-0.345531199	count	1
MASTL	-0.4719709	0.2821896	-1.6725	0.0945	-0.345327507	count	1
DNM2	-0.2684699	0.1366706	-1.9644	0.0496	-0.345287277	count	1
RNASEK	-0.2495949	0.0960707	-2.598	0.00942	-0.345167227	count	1
NDUFB2	-0.2414308	0.0564646	-4.2758	1.96E-05	-0.344982813	count	0.4706352
CHCHD5	-0.2483241	0.1165222	-2.1311	0.0331	-0.344935356	count	1
RRP36	-0.2486764	0.119429	-2.0822	0.0374	-0.344927328	count	1
CIB1	-0.2407072	0.0446893	-5.3862	7.68E-08	-0.344890044	count	0.001854643
SPARC	-1.571669	0.6414771	-2.4501	0.0143	-0.344870566	count	1
TSTA3	-0.2504059	0.1241718	-2.0166	0.0438	-0.34467697	count	1
RBMS1	-0.2467314	0.0866109	-2.8487	0.00442	-0.344491	count	1
AC011825.4	-0.9642905	1.0916606	-0.8833	0.377	-0.344477781	count	1
EGFL7	-0.4428177	0.6431208	-0.6885	0.491	-0.344216689	count	1
CCDC57	-0.2552267	0.1391756	-1.8338	0.0668	-0.344140985	count	1
DHX9	-0.2558018	0.108079	-2.3668	0.018	-0.344012819	count	1
AC123768.3	-0.4424184	0.7818164	-0.5659	0.572	-0.343927181	count	1
LINC01943	-0.2595424	0.1657467	-1.5659	0.117	-0.343891435	count	1
RHBDD1	-0.4031455	0.3363854	-1.1985	0.231	-0.343793614	count	1
CXCR3	-0.2414073	0.0839719	-2.8749	0.00407	-0.343740825	count	1
MCM7	-0.2896766	0.1992541	-1.4538	0.146	-0.343626393	count	1
OAS1	-0.260898	0.2113299	-1.2346	0.217	-0.343463287	count	1
RAB5B	-0.2965006	0.2321033	-1.2775	0.202	-0.343439147	count	1
PBDC1	-0.2472312	0.1074795	-2.3003	0.0215	-0.343421693	count	1
YJU2	-0.271471	0.192095	-1.4132	0.158	-0.343376747	count	1
FLVCR2	-0.5050737	0.9168484	-0.5509	0.582	-0.343363932	count	1
FAM135A	-0.5541674	0.5807755	-0.9542	0.34	-0.343185907	count	1
PTPRJ	-0.2611839	0.1862873	-1.402	0.161	-0.343026066	count	1
PRDM4	-0.3142154	0.3118559	-1.0076	0.314	-0.34291334	count	1
EEF2K	-0.4407721	0.3738223	-1.1791	0.238	-0.342733129	count	1
ADSSL1	-0.5529873	0.6740164	-0.8204	0.412	-0.34253232	count	1

HPRT1	-0.249403	0.1111358	-2.2441	0.0249	-0.342422692	count	1
ZNF891	-0.3355644	0.2696147	-1.2446	0.213	-0.34235945	count	1
GRASP	-0.2694043	0.1847011	-1.4586	0.145	-0.342351276	count	1
C15orf61	-0.2474909	0.1075037	-2.3022	0.0214	-0.342267064	count	1
CAMK1D	-0.2656144	0.1837515	-1.4455	0.148	-0.34225655	count	1
MSN	-0.2407326	0.0624838	-3.8527	0.000119	-0.342234283	count	1
AL592494.3	-0.3480054	0.3318091	-1.0488	0.294	-0.342103267	count	1
RAB11FIP3	-0.4010301	0.5281085	-0.7594	0.448	-0.342086502	count	1
NAPRT	-0.2592276	0.1909505	-1.3576	0.175	-0.342046805	count	1
PPP1CC	-0.2458378	0.0909335	-2.7035	0.0069	-0.342010335	count	1
LSM1	-0.2453555	0.0978224	-2.5082	0.0122	-0.341819503	count	1
ZNF268	-0.4005762	0.3835592	-1.0444	0.296	-0.341720061	count	1
DGKH	-0.4005304	0.3145933	-1.2732	0.203	-0.341683075	count	1
SLC16A4	-0.9537455	0.7014384	-1.3597	0.174	-0.341644379	count	1
IFT57	-0.2545641	0.1370173	-1.8579	0.0633	-0.341641292	count	1
LINC00324	-0.2530015	0.133807	-1.8908	0.0587	-0.341577302	count	1
AC055713.1	-0.9533273	0.9502211	-1.0033	0.316	-0.341531593	count	1
NDUFB4	-0.240077	0.0650298	-3.6918	0.000226	-0.341272552	count	1
INPP5F	-0.3997738	0.4489979	-0.8904	0.373	-0.341072134	count	1
BCAT1	-1.5392412	0.9637001	-1.5972	0.11	-0.340925406	count	1
CTSA	-0.242631	0.0962491	-2.5209	0.0118	-0.340620382	count	1
CRYBG1	-0.2465974	0.0654704	-3.7665	0.000168	-0.340602927	count	1
ZDHHC3	-0.2547763	0.1589776	-1.6026	0.109	-0.340359623	count	1
ENPP1	-0.6201387	1.0191971	-0.6085	0.543	-0.340271232	count	1
HSBP1	-0.2452231	0.125453	-1.9547	0.0507	-0.340079016	count	1
RRAGC	-0.2722672	0.1573386	-1.7305	0.0836	-0.339918181	count	1
CDKL2	-0.5482483	0.5417514	-1.012	0.312	-0.339904139	count	1
STARD5	-0.4638649	0.4926508	-0.9416	0.346	-0.339845173	count	1
AC124016.1	-0.276537	0.3579596	-0.7725	0.44	-0.339738613	count	1
KANK3	-0.6186789	0.4517703	-1.3695	0.171	-0.339573747	count	1
RNF7	-0.2383922	0.0632135	-3.7712	0.000165	-0.33954634	count	1
FYCO1	-0.2949186	0.2377612	-1.2404	0.215	-0.339337945	count	1
NOP14-AS1	-0.3178003	0.2798066	-1.1358	0.256	-0.338874011	count	1
TRMT10A	-0.292425	0.3162253	-0.9247	0.355	-0.338805554	count	1
LPXN	-0.247986	0.1151982	-2.1527	0.0314	-0.338709242	count	1
FAM133B	-0.2388471	0.0660817	-3.6144	0.000305	-0.33864773	count	1
ASMTL	-0.2755388	0.1726605	-1.5958	0.111	-0.338528283	count	1
PNN	-0.2384269	0.0584678	-4.0779	4.65E-05	-0.338508191	count	1
AC018816.1	-0.3823276	0.3518251	-1.0867	0.277	-0.338397491	count	1
PHF10	-0.2592029	0.1407441	-1.8417	0.0656	-0.338248386	count	1
MT1X	-0.2409797	0.0964437	-2.4987	0.0125	-0.338236957	count	1
PCLAF	-0.6158796	0.874048	-0.7046	0.481	-0.33823484	count	1
APOL3	-0.2619113	0.1688381	-1.5513	0.121	-0.338109175	count	1
PSMA7	-0.2353581	0.0396364	-5.9379	3.18E-09	-0.338085099	count	7.69E-05
ARHGAP35	-0.2741135	0.1696545	-1.6157	0.106	-0.337964847	count	1

MFSD2A	-0.9400039	0.6660396	-1.4113	0.158	-0.337922002	count	1
SULF2	-0.9400039	0.7249427	-1.2967	0.195	-0.337922002	count	1
HPGD	-0.3368901	0.2774007	-1.2145	0.225	-0.337859432	count	1
PCCA	-0.3308882	0.3111441	-1.0635	0.288	-0.337737807	count	1
AL031316.1	-0.614241	0.7841255	-0.7833	0.433	-0.337450215	count	1
TPGS1	-0.2436696	0.1045742	-2.3301	0.0199	-0.337323741	count	1
RDX	-0.2708005	0.1706637	-1.5867	0.113	-0.337122804	count	1
MIEF1	-0.3587501	0.3297174	-1.0881	0.277	-0.336939591	count	1
POGK	-0.3120376	0.2352131	-1.3266	0.185	-0.336873209	count	1
NDUFAB1	-0.237323	0.0725402	-3.2716	0.00108	-0.336820575	count	1
OSGEPL1	-0.280919	0.3072027	-0.9144	0.361	-0.336718051	count	1
TRIM33	-0.2630623	0.1359472	-1.935	0.0531	-0.336477844	count	1
ADGRL4	-1.5032605	1.0760283	-1.397	0.162	-0.336423597	count	1
PIN4	-0.2452369	0.1366477	-1.7947	0.0728	-0.336376404	count	1
POLD3	-0.2768668	0.2130618	-1.2995	0.194	-0.336301473	count	1
NELFCD	-0.246719	0.1224135	-2.0155	0.0439	-0.336264084	count	1
ARL8B	-0.2535962	0.1288943	-1.9675	0.0492	-0.336064543	count	1
LYG1	-1.4998284	1.149523	-1.3047	0.192	-0.335987249	count	1
PIK3C3	-0.2815794	0.1671904	-1.6842	0.0922	-0.335875387	count	1
CD79B	-0.2511714	0.1691133	-1.4852	0.138	-0.335841982	count	1
POLR3A	-0.3190665	0.2387978	-1.3361	0.182	-0.335813563	count	1
SLC35E1	-0.2739815	0.1469848	-1.864	0.0624	-0.335427212	count	1
MDM1	-0.293533	0.2124413	-1.3817	0.167	-0.335352966	count	1
AP2B1	-0.2501809	0.1364917	-1.8329	0.0669	-0.33529975	count	1
TRIP12	-0.2525033	0.1230044	-2.0528	0.0402	-0.335275371	count	1
ARID5A	-0.2388194	0.0717112	-3.3303	0.000877	-0.335175936	count	1
ZNF44	-0.2543903	0.1702363	-1.4943	0.135	-0.33495668	count	1
ST8SIA6	-0.4300696	0.4559124	-0.9433	0.346	-0.33495352	count	1
NCBP2	-0.2442531	0.1181434	-2.0674	0.0388	-0.334793274	count	1
SLK	-0.2458087	0.1228854	-2.0003	0.0455	-0.334725561	count	1
CGAS	-0.2459895	0.1406517	-1.7489	0.0804	-0.334657741	count	1
SLC10A7	-0.3661643	0.3698463	-0.99	0.322	-0.334640092	count	1
NIT2	-0.2571278	0.1651285	-1.5571	0.12	-0.334608994	count	1
FAM104A	-0.2440566	0.1448893	-1.6844	0.0922	-0.33440317	count	1
HMBOX1	-0.5371554	0.294605	-1.8233	0.0683	-0.333729908	count	1
ZCRB1	-0.2391462	0.1116763	-2.1414	0.0323	-0.333622795	count	1
ATP5MC1	-0.2406652	0.0926918	-2.5964	0.00946	-0.333332182	count	1
SPOP	-0.24353	0.1164607	-2.0911	0.0366	-0.333309533	count	1
RAB11B-AS1	-0.406992	0.4082817	-0.9968	0.319	-0.333303794	count	1
ZNF568	-0.2807496	0.2783987	-1.0084	0.313	-0.333205593	count	1
CENPE	-0.5360474	0.3941009	-1.3602	0.174	-0.333111484	count	1
H3F3A	-0.2313577	0.0283067	-8.1733	4.19E-16	-0.332934297	count	1.02E-11
PPP1R2	-0.2332651	0.0501112	-4.6549	3.36E-06	-0.332874601	count	0.0808752
SIVA1	-0.2343938	0.0672272	-3.4866	0.000495	-0.332870223	count	1
ZNF10	-0.3641257	0.2941803	-1.2378	0.216	-0.332857599	count	1

HADH	-0.2818764	0.1851098	-1.5228	0.128	-0.332734716	count	1
CXCR6	-0.240167	0.1131987	-2.1216	0.0339	-0.332720193	count	1
ZNF736	-0.389341	0.3704744	-1.0509	0.293	-0.332633161	count	1
VDAC1	-0.2359807	0.070657	-3.3398	0.000847	-0.332485837	count	1
DLGAP1-AS1	-0.2534109	0.1635732	-1.5492	0.121	-0.332483755	count	1
GOLPH3L	-0.3313161	0.2853565	-1.1611	0.246	-0.3324514	count	1
CSF2RB	-0.7139376	0.9261316	-0.7709	0.441	-0.33242977	count	1
PLEC	-0.2533007	0.1585617	-1.5975	0.11	-0.332340219	count	1
UBA6	-0.2866421	0.185443	-1.5457	0.122	-0.332226243	count	1
ACSL3	-0.2534788	0.1424756	-1.7791	0.0753	-0.33215456	count	1
ZNF207	-0.2416835	0.0942073	-2.5654	0.0103	-0.331974359	count	1
HSD17B10	-0.240664	0.1120049	-2.1487	0.0317	-0.331894757	count	1
SNHG9	-0.2454868	0.1415854	-1.7338	0.083	-0.331875776	count	1
SDE2	-0.2950658	0.1710577	-1.7249	0.0846	-0.331763637	count	1
MFSD4B	-0.3530062	0.3217157	-1.0973	0.273	-0.331759976	count	1
PLEKHB2	-0.2490846	0.1194606	-2.0851	0.0371	-0.331674047	count	1
AP003469.4	-0.9170687	0.7377822	-1.243	0.214	-0.331633184	count	1
SLC25A36	-0.244231	0.1032229	-2.3661	0.018	-0.331624571	count	1
WDR82	-0.2452671	0.1114033	-2.2016	0.0278	-0.331580209	count	1
6-Sep	-0.2335439	0.062433	-3.7407	0.000187	-0.331536229	count	1
BPGM	-0.266989	0.1683116	-1.5863	0.113	-0.331425133	count	1
PTPN14	-1.4639282	1.2962028	-1.1294	0.259	-0.331349337	count	1
IKZF3	-0.2359266	0.08393	-2.811	0.00497	-0.331327951	count	1
INPP5D	-0.2548863	0.1559684	-1.6342	0.102	-0.331223954	count	1
ZNF239	-1.4622056	0.8772069	-1.6669	0.0956	-0.331123396	count	1
HNMT	-1.4622056	0.9335767	-1.5662	0.117	-0.331123396	count	1
AC009403.1	-0.2713195	0.3359341	-0.8077	0.419	-0.330960013	count	1
MCC	-1.459667	0.7216597	-2.0227	0.0432	-0.330789935	count	1
RSPRY1	-0.264043	0.1833887	-1.4398	0.15	-0.330691239	count	1
ZNF175	-0.6000193	0.6952591	-0.863	0.388	-0.330612953	count	1
LMCD1	-0.3862959	0.4963609	-0.7783	0.436	-0.330164868	count	1
NHS	-0.5986469	0.7286346	-0.8216	0.411	-0.329950569	count	1
ZMAT1	-0.350914	0.2579659	-1.3603	0.174	-0.329871388	count	1
ANTXR2	-0.2502052	0.1677203	-1.4918	0.136	-0.329857755	count	1
ZNF540	-0.3227668	0.4640085	-0.6956	0.487	-0.329700022	count	1
MTRR	-0.3422002	0.2488579	-1.3751	0.169	-0.329620859	count	1
TRAPPC2L	-0.236598	0.1041807	-2.271	0.0232	-0.329481837	count	1
PTGES3	-0.2305013	0.0451745	-5.1025	3.54E-07	-0.329445838	count	0.008540604
BCL3	-0.2400906	0.11165	-2.0609	0.0394	-0.329109396	count	1
MRPL58	-0.2468516	0.1679327	-1.4699	0.142	-0.329006193	count	1
IDH3B	-0.2422928	0.1195008	-2.0275	0.0427	-0.328836605	count	1
SFT2D3	-0.52835	0.3131447	-1.6872	0.0916	-0.328806722	count	1
MTCP1	-0.9067164	0.8919797	-1.0165	0.309	-0.328763282	count	1
NDUFS3	-0.23726	0.0993849	-2.3873	0.017	-0.328704895	count	1
RAMMET	-0.2374002	0.1261185	-1.8824	0.0599	-0.328671001	count	1

HLA-DMA	-0.2360852	0.1228183	-1.9222	0.0547	-0.328478582	count	1
SFI1	-0.297531	0.1876836	-1.5853	0.113	-0.328442565	count	1
IL7R	-0.2282861	0.0402239	-5.6754	1.50E-08	-0.32829815	count	0.00036264
CEP192	-0.2851053	0.2090578	-1.3638	0.173	-0.328254599	count	1
RAB11FIP1	-0.2328582	0.0859413	-2.7095	0.00677	-0.328218815	count	1
SLCO3A1	-0.2563283	0.1744211	-1.4696	0.142	-0.327943862	count	1
KATNA1	-0.2446238	0.1392861	-1.7563	0.0791	-0.327892848	count	1
FAM118A	-0.2358042	0.0906857	-2.6002	0.00936	-0.32772046	count	1
MAD2L1	-0.2968168	0.2119009	-1.4007	0.161	-0.327671712	count	1
DTNBP1	-0.2425629	0.1367085	-1.7743	0.0761	-0.327553512	count	1
EIF2S2	-0.2304954	0.0647217	-3.5613	0.000374	-0.327503518	count	1
PARD6A	-0.2403273	0.1415018	-1.6984	0.0895	-0.327442248	count	1
BUB1	-0.3693098	0.5084075	-0.7264	0.468	-0.327409258	count	1
ZFYVE16	-0.2682816	0.1819165	-1.4748	0.14	-0.32730308	count	1
CAV2	-1.4333449	0.9123602	-1.571	0.116	-0.327290859	count	1
MLX	-0.2370276	0.1205032	-1.967	0.0493	-0.327166538	count	1
INAFM1	-0.3064673	0.3493134	-0.8773	0.38	-0.327099189	count	1
PLP2	-0.2281004	0.0536586	-4.251	2.19E-05	-0.327077758	count	0.5256876
PAICS	-0.259694	0.1894869	-1.3705	0.171	-0.32702572	count	1
SENP7	-0.2374203	0.1007382	-2.3568	0.0185	-0.326962503	count	1
PCBD2	-0.3199859	0.3213872	-0.9956	0.319	-0.326944517	count	1
THOC2	-0.2421009	0.0998345	-2.425	0.0154	-0.326932681	count	1
BAZ1B	-0.2455431	0.1214191	-2.0223	0.0432	-0.326694257	count	1
ADM	-0.4444826	0.4171978	-1.0654	0.287	-0.326667241	count	1
SNRNP25	-0.2448672	0.1746557	-1.402	0.161	-0.326656227	count	1
DOCK9	-0.3100728	0.2837308	-1.0928	0.275	-0.326602254	count	1
ATOX1	-0.2436391	0.1403741	-1.7356	0.0827	-0.326580152	count	1
AMPD3	-0.6988926	0.3492762	-2.001	0.0455	-0.326548777	count	1
MRPL28	-0.2402828	0.139061	-1.7279	0.0841	-0.326287477	count	1
CEP152	-0.367977	0.2942188	-1.2507	0.211	-0.326281911	count	1
MBD3	-0.2684895	0.2081596	-1.2898	0.197	-0.326262995	count	1
ZFY-AS1	-0.5909583	0.9518885	-0.6208	0.535	-0.326231266	count	1
CDC20	-0.897328	1.0158322	-0.8833	0.377	-0.326143721	count	1
MYO1D	-0.4773105	0.4456861	-1.071	0.284	-0.326067354	count	1
TBC1D5	-0.2562808	0.1833083	-1.3981	0.162	-0.325835812	count	1
GSDME	-1.422289	0.798282	-1.7817	0.0749	-0.325798991	count	1
UCK1	-0.3014803	0.2873787	-1.0491	0.294	-0.325752358	count	1
HLTF	-0.2488087	0.1614581	-1.541	0.123	-0.325659152	count	1
C5orf30	-0.3135959	0.3371017	-0.9303	0.352	-0.325591347	count	1
ENG	-0.3049679	0.3728437	-0.818	0.413	-0.325539425	count	1
RMI2	-1.4199411	0.9370074	-1.5154	0.13	-0.325480471	count	1
MRPS34	-0.2287563	0.0689674	-3.3169	0.00092	-0.325447646	count	1
CDK5	-0.2771453	0.3121299	-0.8879	0.375	-0.325395029	count	1
TMF1	-0.2326111	0.0762685	-3.0499	0.00231	-0.32528012	count	1
BCL2L11	-0.3373153	0.185341	-1.82	0.0689	-0.325085269	count	1

MTHFD2L	-0.2752445	0.2664938	-1.0328	0.302	-0.325030748	count	1
CLN3	-0.5882684	0.5228245	-1.1252	0.261	-0.324926676	count	1
RAP2C-AS1	-0.3961547	0.4256411	-0.9307	0.352	-0.324923747	count	1
LTB4R	-0.2821455	0.2433539	-1.1594	0.246	-0.324908605	count	1
KHK	-0.3369977	0.3634435	-0.9272	0.354	-0.324790201	count	1
KPNB1	-0.2376318	0.1023549	-2.3216	0.0203	-0.324756167	count	1
SLC9A9	-0.2565354	0.1839912	-1.3943	0.163	-0.324674509	count	1
AP1M1	-0.2605583	0.1824712	-1.4279	0.153	-0.324516563	count	1
FAM207A	-0.2455359	0.175253	-1.401	0.161	-0.324449821	count	1
HOMER3	-0.8906713	0.9581478	-0.9296	0.353	-0.324276597	count	1
UCHL3	-0.2372488	0.144523	-1.6416	0.101	-0.324234806	count	1
BCAP29	-0.2363736	0.1286703	-1.837	0.0663	-0.324149242	count	1
C10orf95	-0.3445416	0.3738506	-0.9216	0.357	-0.324112835	count	1
ZC3H6	-0.2335822	0.1170486	-1.9956	0.0461	-0.324050365	count	1
CNOT6L	-0.2306053	0.0584521	-3.9452	8.13E-05	-0.323997046	count	1
LONP1	-0.3119827	0.3166306	-0.9853	0.325	-0.323963292	count	1
FBXW7	-0.2398299	0.1223453	-1.9603	0.05	-0.323880743	count	1
SSH2	-0.2426938	0.1214175	-1.9988	0.0457	-0.323773584	count	1
AMFR	-0.2876284	0.2212511	-1.3	0.194	-0.323570309	count	1
C3AR1	-0.2808637	0.2855765	-0.9835	0.325	-0.32345911	count	1
THOC6	-0.2696462	0.2072624	-1.301	0.193	-0.323401896	count	1
TFB1M	-0.2588854	0.2011524	-1.287	0.198	-0.323395954	count	1
NDUFS7	-0.2291408	0.0768532	-2.9815	0.00289	-0.32312998	count	1
CCNO	-0.6897764	1.1933995	-0.578	0.563	-0.322960994	count	1
NT5DC1	-0.242196	0.1270566	-1.9062	0.0567	-0.322837236	count	1
HSD17B14	-0.51727	0.660057	-0.7837	0.433	-0.322583922	count	1
EFNA4	-0.249784	0.2141868	-1.1662	0.244	-0.322583745	count	1
SNRK	-0.2369199	0.1005865	-2.3554	0.0186	-0.322522946	count	1
KCTD17	-0.3105547	0.2800454	-1.1089	0.268	-0.322521689	count	1
ABCD4	-0.2488798	0.1859346	-1.3385	0.181	-0.322481326	count	1
BRD9	-0.2483857	0.1383178	-1.7958	0.0726	-0.322351092	count	1
NFIC	-0.2514206	0.1504535	-1.6711	0.0948	-0.322349327	count	1
TEC	-0.5828838	0.5373521	-1.0847	0.278	-0.322309926	count	1
MIR4435-2HG	-0.2334299	0.1398785	-1.6688	0.0952	-0.322302921	count	1
BUD31	-0.2288701	0.076232	-3.0023	0.0027	-0.322173109	count	1
MRPL4	-0.2333234	0.110615	-2.1093	0.035	-0.322156336	count	1
PEX12	-0.8829301	0.78415	-1.126	0.26	-0.32209508	count	1
RBM14	-0.3518279	0.2420466	-1.4536	0.146	-0.322083674	count	1
ANAPC4	-0.2510777	0.1962768	-1.2792	0.201	-0.321913563	count	1
GFOD2	-0.4121977	0.2653545	-1.5534	0.12	-0.321896792	count	1
MYO5A	-0.3014313	0.204792	-1.4719	0.141	-0.321858691	count	1
ZNF605	-0.2943	0.318386	-0.9243	0.355	-0.321677021	count	1
RXRA	-0.3145696	0.3250012	-0.9679	0.333	-0.321572968	count	1
CCDC97	-0.2615663	0.2211545	-1.1827	0.237	-0.321572843	count	1
PLCE1	-0.8803305	0.5895668	-1.4932	0.135	-0.321360037	count	1

RCN1	-0.3198956	0.3610625	-0.886	0.376	-0.321349736	count	1
PPM1B	-0.251114	0.1533767	-1.6372	0.102	-0.321332592	count	1
ZKSCAN1	-0.2654033	0.1805674	-1.4698	0.142	-0.321231444	count	1
ZSWIM3	-1.388651	0.5629175	-2.4669	0.0137	-0.321178326	count	1
USP25	-0.2455955	0.1491011	-1.6472	0.0996	-0.321058804	count	1
BEX2	-0.2419029	0.1451545	-1.6665	0.0957	-0.320978695	count	1
OXNAD1	-0.2295699	0.0769541	-2.9832	0.00287	-0.320949621	count	1
ARCN1	-0.2326261	0.1102374	-2.1102	0.0349	-0.320663637	count	1
UPF3A	-0.2284146	0.0928395	-2.4603	0.0139	-0.320324943	count	1
TNPO2	-0.4351517	0.3284739	-1.3248	0.185	-0.320288608	count	1
GPX4	-0.2235771	0.0465752	-4.8003	1.65E-06	-0.320177912	count	0.0397518
LSR	-0.2523079	0.130391	-1.935	0.0531	-0.320116476	count	1
DDX17	-0.2264037	0.0600293	-3.7716	0.000165	-0.320111139	count	1
CHEK2	-0.409752	0.6087054	-0.6732	0.501	-0.320103663	count	1
FNDC4	-1.380316	1.26998	-1.0869	0.277	-0.320013862	count	1
RGS13	-1.380316	1.326389	-1.0407	0.298	-0.320013862	count	1
RAB11FIP4	-0.2995533	0.2279784	-1.314	0.189	-0.319903149	count	1
NCF1	-0.2274084	0.1004072	-2.2649	0.0236	-0.319754942	count	1
RBBP7	-0.2300194	0.0986419	-2.3319	0.0198	-0.319640148	count	1
CTCF	-0.2310027	0.0976331	-2.366	0.018	-0.319611325	count	1
ERBB3	-0.4090416	0.7700637	-0.5312	0.595	-0.319582535	count	1
C8orf76	-0.242822	0.1730377	-1.4033	0.161	-0.319455916	count	1
PDCD5	-0.225124	0.0750804	-2.9984	0.00273	-0.319430833	count	1
LZIC	-0.2356237	0.1392574	-1.692	0.0907	-0.319319325	count	1
MTIF3	-0.2267022	0.0940671	-2.41	0.016	-0.319309269	count	1
BCAS1	-0.8729146	1.070679	-0.8153	0.415	-0.319256363	count	1
HCFC1	-0.295284	0.2502232	-1.1801	0.238	-0.319215274	count	1
PAIP2B	-0.4335362	0.4426596	-0.9794	0.327	-0.319181965	count	1
KLHL25	-0.6800993	0.483794	-1.4058	0.16	-0.319132373	count	1
MISP3	-0.3725891	0.4197908	-0.8876	0.375	-0.319025861	count	1
ARFGAP2	-0.2392658	0.1433758	-1.6688	0.0952	-0.318953746	count	1
SAT2	-0.2274439	0.1104116	-2.06	0.0395	-0.318673338	count	1
SQLE	-0.2510692	0.202672	-1.2388	0.216	-0.318559857	count	1
ZDHHC13	-0.2667245	0.2826253	-0.9437	0.345	-0.31841561	count	1
TRNAU1AP	-0.2374485	0.1372216	-1.7304	0.0836	-0.31832602	count	1
SBF1	-0.2943239	0.2461892	-1.1955	0.232	-0.31820171	count	1
YBX3	-0.2350045	0.1209202	-1.9435	0.052	-0.318133328	count	1
PLCB1	-0.2850686	0.2197783	-1.2971	0.195	-0.317952207	count	1
TCHP	-0.2399904	0.1628391	-1.4738	0.141	-0.317827035	count	1
TAB1	-0.3579496	0.3997557	-0.8954	0.371	-0.317786357	count	1
TOLLIP-AS1	-0.3160842	0.4595944	-0.6877	0.492	-0.317638443	count	1
TXNRD1	-0.2351855	0.1277767	-1.8406	0.0658	-0.317638278	count	1
FBLN7	-0.2502234	0.2044492	-1.2239	0.221	-0.317496882	count	1
FYTTD1	-0.2283805	0.0933442	-2.4466	0.0145	-0.31749091	count	1
AKAP13	-0.2238167	0.0550784	-4.0636	4.94E-05	-0.317453483	count	1

DEXI	-0.2460398	0.162518	-1.5139	0.13	-0.317243175	count	1
WASHC4	-0.2436408	0.1780518	-1.3684	0.171	-0.317189979	count	1
XPOT	-0.3007642	0.258696	-1.1626	0.245	-0.317051188	count	1
TRAPPC2B	-0.2323171	0.1330738	-1.7458	0.0809	-0.316991251	count	1
CRK	-0.2698673	0.1680496	-1.6059	0.108	-0.31698588	count	1
SUPT16H	-0.2292606	0.1008925	-2.2723	0.0231	-0.31697353	count	1
LRP12	-0.674624	0.5695258	-1.1845	0.236	-0.316956975	count	1
MAX	-0.2282957	0.0888593	-2.5692	0.0102	-0.316934549	count	1
PCK2	-0.2792644	0.2559042	-1.0913	0.275	-0.316921571	count	1
NELFB	-0.2541435	0.1920258	-1.3235	0.186	-0.31661469	count	1
NPEPPS	-0.2467244	0.1674558	-1.4734	0.141	-0.316380307	count	1
SLC2A3	-0.2219876	0.0560833	-3.9582	7.71E-05	-0.316352981	count	1
PTPN7	-0.2227948	0.0769452	-2.8955	0.00381	-0.316293994	count	1
TERF1	-0.2357186	0.120321	-1.9591	0.0502	-0.316251945	count	1
BRAF	-0.2530229	0.1596886	-1.5845	0.113	-0.316150939	count	1
NFYA	-0.3276558	0.3162473	-1.0361	0.3	-0.316100517	count	1
PHPT1	-0.2230784	0.0857138	-2.6026	0.00929	-0.315982979	count	1
RTF2	-0.2273009	0.0930009	-2.4441	0.0146	-0.315933459	count	1
FAM50A	-0.2264381	0.0985219	-2.2984	0.0216	-0.315786775	count	1
ROMO1	-0.2278733	0.0880097	-2.5892	0.00966	-0.315665453	count	1
ATG16L1	-0.2856132	0.2415462	-1.1824	0.237	-0.315567029	count	1
KPNA6	-0.2433396	0.1721369	-1.4136	0.158	-0.315358661	count	1
CDC5L	-0.2260028	0.0945902	-2.3893	0.0169	-0.315280777	count	1
AATF	-0.2309841	0.1096607	-2.1064	0.0352	-0.315042978	count	1
CCDC186	-0.2260859	0.0829005	-2.7272	0.00642	-0.315039321	count	1
SYMPK	-0.3545681	0.2603903	-1.3617	0.173	-0.314915937	count	1
RGCC	-0.2185263	0.0457042	-4.7813	1.82E-06	-0.314758344	count	0.04384198
EXOC2	-0.2511479	0.203958	-1.2314	0.218	-0.314709958	count	1
FAM89A	-0.2663144	0.1857884	-1.4334	0.152	-0.314646507	count	1
WDR76	-0.2729859	0.2388136	-1.1431	0.253	-0.314544728	count	1
SRA1	-0.2255366	0.1095138	-2.0594	0.0395	-0.314482115	count	1
RPA3	-0.2258103	0.0890785	-2.535	0.0113	-0.314386641	count	1
WBP1	-0.855506	0.6144985	-1.3922	0.164	-0.314278301	count	1
RERE	-0.2507735	0.1635442	-1.5334	0.125	-0.314245663	count	1
RARA	-0.232384	0.143771	-1.6163	0.106	-0.314059385	count	1
RPAIN	-0.224691	0.0909089	-2.4716	0.0135	-0.314056885	count	1
NIPA1	-0.4015048	0.3080511	-1.3034	0.193	-0.314045818	count	1
COPB2	-0.2285042	0.1146299	-1.9934	0.0463	-0.314036852	count	1
OSBPL8	-0.2244603	0.0856401	-2.621	0.00881	-0.313948748	count	1
GPS2	-0.2273159	0.1045201	-2.1749	0.0297	-0.31380289	count	1
ARHGAP17	-0.2936451	0.2301836	-1.2757	0.202	-0.313746496	count	1
AC233280.1	-0.8532229	0.9511482	-0.897	0.37	-0.313621301	count	1
ST3GAL5	-0.239497	0.1526736	-1.5687	0.117	-0.31355638	count	1
ESR1	-0.6657737	0.9424287	-0.7064	0.48	-0.313426634	count	1
KRAS	-0.2221651	0.0760377	-2.9218	0.0035	-0.313240217	count	1

COMMD8	-0.2262973	0.1111528	-2.0359	0.0418	-0.313195267	count	1
TFG	-0.2309563	0.1059322	-2.1802	0.0293	-0.313189563	count	1
ERMAP	-1.332442	0.9434884	-1.4123	0.158	-0.313176281	count	1
PRC1	-1.332442	0.9745706	-1.3672	0.172	-0.313176281	count	1
TAF5	-0.2664494	0.1880482	-1.4169	0.157	-0.313033958	count	1
MAPRE3	-0.6646745	0.4942553	-1.3448	0.179	-0.312986963	count	1
ITSN2	-0.2242546	0.0962432	-2.3301	0.0199	-0.31289636	count	1
PPP1R12A	-0.2217096	0.0662245	-3.3478	0.000823	-0.312842314	count	1
ZFAND2A	-0.2305943	0.1389845	-1.6591	0.0972	-0.312700797	count	1
ETHE1	-0.2228068	0.0967957	-2.3018	0.0214	-0.312679559	count	1
ATF4	-0.2217725	0.0651486	-3.4041	0.000672	-0.312594799	count	1
ST8SIA1	-0.2889809	0.2594988	-1.1136	0.266	-0.312557954	count	1
KHDC1	-0.6634537	0.5252842	-1.263	0.207	-0.312498337	count	1
SNHG7	-0.220437	0.071188	-3.0965	0.00197	-0.312456936	count	1
RNF103	-0.3105816	0.2819775	-1.1014	0.271	-0.312274841	count	1
SPHK2	-0.3514531	0.3257245	-1.079	0.281	-0.31226929	count	1
KDM3A	-0.2708581	0.1708272	-1.5856	0.113	-0.3121352	count	1
MAP3K8	-0.2229756	0.1104507	-2.0188	0.0436	-0.312039863	count	1
AC091057.2	-0.3403428	1.0410888	-0.3269	0.744	-0.311989228	count	1
ATP2B4	-0.2300573	0.1191481	-1.9309	0.0536	-0.311975735	count	1
ZNF143	-0.2475959	0.1603879	-1.5437	0.123	-0.311941862	count	1
LRRC8C	-0.2565433	0.1582835	-1.6208	0.105	-0.311931449	count	1
ERBIN	-0.2283772	0.1097328	-2.0812	0.0375	-0.311900024	count	1
PSMB4	-0.2208635	0.0784054	-2.8169	0.00488	-0.311796162	count	1
AC006157.1	-0.6617001	0.9021818	-0.7334	0.463	-0.311795893	count	1
Z83851.1	-0.6617001	1.0452832	-0.633	0.527	-0.311795893	count	1
TCEAL8	-0.2332043	0.1317919	-1.7695	0.0769	-0.311697634	count	1
TMEM64	-0.3044717	0.2694135	-1.1301	0.259	-0.311541954	count	1
SLC27A4	-0.6608511	0.4693959	-1.4079	0.159	-0.311455556	count	1
GCH1	-0.2507101	0.1633251	-1.535	0.125	-0.311440316	count	1
GTPBP6	-0.2280315	0.120399	-1.894	0.0583	-0.311166257	count	1
MRFAP1	-0.2206124	0.0625836	-3.5251	0.000429	-0.311122076	count	1
KCMF1	-0.2270635	0.1143629	-1.9855	0.0472	-0.310972438	count	1
AC069544.1	-0.4967314	0.5991437	-0.8291	0.407	-0.310967322	count	1
IFFO2	-0.2557379	0.1984022	-1.289	0.197	-0.310964537	count	1
RNGTT	-0.2602377	0.1777501	-1.4641	0.143	-0.310781228	count	1
BMPR2	-0.3969345	0.3072233	-1.292	0.196	-0.310681339	count	1
ASRGL1	-0.8423404	1.2193653	-0.6908	0.49	-0.310476419	count	1
ISL2	-0.8423404	1.2193653	-0.6908	0.49	-0.310476419	count	1
AL138895.1	-0.8423404	1.232232	-0.6836	0.494	-0.310476419	count	1
AL139317.3	-0.8423404	1.232232	-0.6836	0.494	-0.310476419	count	1
LIPA	-0.2361146	0.1585342	-1.4894	0.136	-0.310320614	count	1
KHDC4	-0.2655631	0.2069541	-1.2832	0.2	-0.310153409	count	1
MAPK8IP3	-0.5579998	0.4435159	-1.2581	0.208	-0.310126272	count	1
PHAX	-0.2243492	0.102359	-2.1918	0.0285	-0.310124722	count	1

MUC20-OT1	-0.2404061	0.1524154	-1.5773	0.115	-0.310037277	count	1
ASF1B	-0.4518137	0.4980472	-0.9072	0.364	-0.310008379	count	1
RPS27L	-0.2166131	0.0605462	-3.5776	0.000352	-0.30998291	count	1
CEP83	-0.3141451	0.246551	-1.2742	0.203	-0.309885161	count	1
DENND1A	-0.4511326	0.4077859	-1.1063	0.269	-0.30957711	count	1
BBC3	-0.2209386	0.1005527	-2.1972	0.0281	-0.309576834	count	1
PTCH1	-0.3953735	0.397087	-0.9957	0.319	-0.309530969	count	1
AVP1	-0.2704503	0.2017844	-1.3403	0.18	-0.309451919	count	1
EIF5B	-0.2175964	0.0659782	-3.298	0.001	-0.309430075	count	1
DPM1	-0.2407126	0.149858	-1.6063	0.108	-0.309317431	count	1
H3F3C	-1.306106	0.6348798	-2.0572	0.0397	-0.309303731	count	1
LINC02001	-0.2388335	0.1854866	-1.2876	0.198	-0.309065265	count	1
AC104653.1	-0.5556951	0.7443134	-0.7466	0.455	-0.308990323	count	1
ZFAND6	-0.2218561	0.0912977	-2.43	0.0151	-0.308894686	count	1
CKB	-0.327747	0.2704558	-1.2118	0.226	-0.308890812	count	1
ZNF283	-0.492857	0.6076723	-0.8111	0.417	-0.308764131	count	1
LDOC1	-0.3469947	0.3316534	-1.0463	0.296	-0.308477164	count	1
IL23R	-0.3748938	0.6847199	-0.5475	0.584	-0.308397512	count	1
SLC9B2	-0.417839	0.3472341	-1.2033	0.229	-0.308394506	count	1
ZNF174	-0.284994	0.3260853	-0.874	0.382	-0.308343092	count	1
PPWD1	-0.2249216	0.1288933	-1.745	0.0811	-0.308277472	count	1
CHAMP1	-0.2497153	0.1961282	-1.2732	0.203	-0.308227811	count	1
PSMD5	-0.2760648	0.2181776	-1.2653	0.206	-0.308108614	count	1
IMMT	-0.2266151	0.1157039	-1.9586	0.0502	-0.307958988	count	1
HNRNPU	-0.2161199	0.0487612	-4.4322	9.62E-06	-0.307743864	count	0.23125518
C19orf25	-0.2272495	0.114828	-1.979	0.0479	-0.307681099	count	1
SIT1	-0.2174223	0.0812889	-2.6747	0.00752	-0.307548276	count	1
PLAGL2	-0.3004243	0.2643151	-1.1366	0.256	-0.307515349	count	1
EME2	-0.5523715	0.607858	-0.9087	0.364	-0.307349908	count	1
CRYGS	-1.2921373	1.3034496	-0.9913	0.322	-0.30721736	count	1
TBC1D8B	-1.2921373	1.3933121	-0.9274	0.354	-0.30721736	count	1
BMI1	-0.2545593	0.1873218	-1.3589	0.174	-0.306944536	count	1
CCDC167	-0.216923	0.09309	-2.3302	0.0199	-0.306908606	count	1
FLYWCH2	-0.228005	0.1570697	-1.4516	0.147	-0.306811998	count	1
EMC7	-0.2186335	0.0876936	-2.4932	0.0127	-0.306801137	count	1
SKIL	-0.222781	0.0986534	-2.2582	0.024	-0.306773939	count	1
UBL4A	-0.2377297	0.1617456	-1.4698	0.142	-0.30661291	count	1
ABHD14A	-0.2191999	0.1102673	-1.9879	0.0469	-0.306312299	count	1
MIA2	-0.2232978	0.1050644	-2.1253	0.0336	-0.306279705	count	1
GGNBP2	-0.2170177	0.0672909	-3.2251	0.00127	-0.306252476	count	1
L3MBTL3	-0.2619855	0.1761058	-1.4877	0.137	-0.306040666	count	1
ADAR	-0.2221451	0.0992598	-2.238	0.0253	-0.305992656	count	1
MBTD1	-0.3167694	0.3504559	-0.9039	0.366	-0.305949286	count	1
RABIF	-0.2249584	0.1220703	-1.8429	0.0654	-0.305867128	count	1
RAMP2	-1.2831516	0.8074787	-1.5891	0.112	-0.305863208	count	1

TNIK	-0.2315967	0.1410367	-1.6421	0.101	-0.305814704	count	1
GNB4	-0.8261752	1.1585767	-0.7131	0.476	-0.305764484	count	1
KDF1	-0.8261752	1.1970013	-0.6902	0.49	-0.305764484	count	1
RAB3IP	-0.2599014	0.2035825	-1.2766	0.202	-0.305457877	count	1
H2AFV	-0.2143632	0.0578738	-3.704	2.00E-04	-0.305398181	count	1
CCDC141	-0.4443948	0.3025355	-1.4689	0.142	-0.305304546	count	1
XRN1	-0.2200713	0.0925023	-2.3791	0.0174	-0.304746397	count	1
SUB1	-0.2121741	0.0360897	-5.8791	4.52E-09	-0.304693994	count	0.000109321
SPAG9	-0.219166	0.0909604	-2.4095	0.016	-0.304595926	count	1
U47924.2	-0.6437216	0.7577817	-0.8495	0.396	-0.30455492	count	1
NOC4L	-0.2926512	0.2151118	-1.3605	0.174	-0.30441213	count	1
ZBTB7A	-0.2167	0.081803	-2.649	0.00811	-0.304314122	count	1
SMARCA5	-0.2175226	0.0760031	-2.862	0.00424	-0.304305425	count	1
TRDV1	-0.8208271	1.088034	-0.7544	0.451	-0.304194926	count	1
IGFBP5	-0.442606	0.3707258	-1.1939	0.233	-0.304168253	count	1
OCEL1	-0.2425997	0.1997893	-1.2143	0.225	-0.304105302	count	1
SBF2-AS1	-0.4422918	0.5324528	-0.8307	0.406	-0.303968601	count	1
RAD9A	-0.2305569	0.1415976	-1.6283	0.104	-0.303773193	count	1
PDXK	-0.2264814	0.1536905	-1.4736	0.141	-0.303696965	count	1
MESD	-0.2151839	0.0866576	-2.4832	0.0131	-0.30366842	count	1
EMC8	-0.2307386	0.1692584	-1.3632	0.173	-0.303660036	count	1
ANKH	-0.2362378	0.179148	-1.3187	0.187	-0.303613668	count	1
RNF19A	-0.2137214	0.0562848	-3.7971	0.000149	-0.303426475	count	1
RAD17	-0.2474766	0.1922145	-1.2875	0.198	-0.303360785	count	1
ZC3H7B	-0.274208	0.3111893	-0.8812	0.378	-0.303221018	count	1
PPM1D	-0.2564036	0.1861023	-1.3778	0.168	-0.303107841	count	1
ZNF121	-0.2610447	0.2225819	-1.1728	0.241	-0.303038779	count	1
MIGA1	-0.234914	0.1854568	-1.2667	0.205	-0.303009569	count	1
GPANK1	-0.2410315	0.1562216	-1.5429	0.123	-0.302968871	count	1
KDM1B	-0.3679035	0.3900443	-0.9432	0.346	-0.302939213	count	1
ZNF597	-0.5433645	0.3934626	-1.381	0.167	-0.302891059	count	1
SAYS1D1	-0.2403411	0.2245893	-1.0701	0.285	-0.302888742	count	1
ZADH2	-0.2479498	0.2051625	-1.2086	0.227	-0.302796716	count	1
ZNF638	-0.2251551	0.1149468	-1.9588	0.0502	-0.30278962	count	1
ERGIC3	-0.2191596	0.1107498	-1.9789	0.0479	-0.302657361	count	1
IRF2BP1	-0.255934	0.2295347	-1.115	0.265	-0.302560744	count	1
NHP2	-0.2156344	0.0940548	-2.2926	0.0219	-0.302535267	count	1
PGM3	-0.286635	0.2523445	-1.1359	0.256	-0.302520782	count	1
PAFAH1B2	-0.2216226	0.126881	-1.7467	0.0808	-0.302322814	count	1
PSMA8	-0.3855778	0.5501583	-0.7008	0.483	-0.302298091	count	1
MRPL52	-0.2159055	0.0976236	-2.2116	0.0271	-0.302242593	count	1
BICDL1	-0.2298126	0.1217679	-1.8873	0.0592	-0.302090865	count	1
TMEM8A	-0.2267832	0.1706732	-1.3288	0.184	-0.301871869	count	1
CDC37L1	-0.2256217	0.1372975	-1.6433	0.1	-0.301615244	count	1
DHFR2	-0.5407818	0.5670142	-0.9537	0.34	-0.301608926	count	1

SLC35E2B	-0.3285068	0.2706323	-1.2138	0.225	-0.301553806	count	1
AP001160.1	-0.3196144	0.2808811	-1.1379	0.255	-0.301496339	count	1
SLC33A1	-0.3387303	0.3437987	-0.9853	0.325	-0.301435185	count	1
DYNC2H1	-0.6354636	0.3777453	-1.6823	0.0926	-0.301205014	count	1
PLEKHA6	-0.4790138	0.9792908	-0.4891	0.625	-0.300861464	count	1
OAZ1	-0.209019	0.029113	-7.1796	8.55E-13	-0.300691125	count	2.07E-08
SP140	-0.2167488	0.1060075	-2.0447	0.041	-0.300629515	count	1
ATP1A1	-0.2175493	0.0955201	-2.2775	0.0228	-0.300519265	count	1
CIC	-0.280961	0.2739201	-1.0257	0.305	-0.300506017	count	1
SLAMF1	-0.2155256	0.1069498	-2.0152	0.044	-0.30045698	count	1
CENPW	-0.5380764	0.4871883	-1.1045	0.269	-0.300264177	count	1
MIER1	-0.2109526	0.0602957	-3.4986	5.00E-04	-0.300251721	count	1
IGLL5	-0.8074175	1.0561083	-0.7645	0.445	-0.30023609	count	1
SLC38A6	-0.2772443	0.3116401	-0.8896	0.374	-0.300141659	count	1
DCTN3	-0.2118724	0.0735296	-2.8815	0.00398	-0.299926195	count	1
CCNG1	-0.2261492	0.1314924	-1.7199	0.0855	-0.299901533	count	1
MORF4L2	-0.2333063	0.1122026	-2.0793	0.0377	-0.299875995	count	1
PCNA	-0.2180602	0.1246197	-1.7498	0.0802	-0.299729647	count	1
TWF1	-0.2282588	0.1483184	-1.539	0.124	-0.299696788	count	1
PARP11	-0.2520958	0.1981942	-1.272	0.203	-0.29967671	count	1
SERTAD3	-0.2116227	0.0840612	-2.5175	0.0119	-0.299617811	count	1
ZFAND5	-0.214403	0.0756298	-2.8349	0.00461	-0.299317647	count	1
AC067852.2	-0.4762198	0.4460641	-1.0676	0.286	-0.299260666	count	1
TLDC1	-0.4347507	0.5060473	-0.8591	0.39	-0.299168944	count	1
NCOR1	-0.2097381	0.0605756	-3.4624	5.00E-04	-0.299110509	count	1
BTG1	-0.2074602	0.0252091	-8.2296	2.65E-16	-0.299015649	count	6.43E-12
DPY30	-0.2133577	0.1032596	-2.0662	0.0389	-0.298939342	count	1
PVT1	-0.234598	0.1604918	-1.4617	0.144	-0.298508567	count	1
A1BG-AS1	-0.2756684	0.3158747	-0.8727	0.383	-0.298472515	count	1
PPFIBP1	-0.4747902	0.5586051	-0.85	0.395	-0.298440832	count	1
NPIP5	-0.4747655	0.261101	-1.8183	0.0691	-0.298426786	count	1
COX7B	-0.209403	0.0549844	-3.8084	1.00E-04	-0.298256956	count	1
SMUG1	-0.2625206	0.2785742	-0.9424	0.346	-0.298254779	count	1
SDR42E1	-0.5340239	0.6579794	-0.8116	0.417	-0.29824653	count	1
NUFIP1	-0.2313623	0.2079194	-1.1127	0.266	-0.297938036	count	1
CHAF1A	-0.4324028	0.326342	-1.325	0.185	-0.297671695	count	1
SMCHD1	-0.2103609	0.0552597	-3.8068	0.000143	-0.297523919	count	1
MRPS23	-0.2191101	0.1424901	-1.5377	0.124	-0.297500754	count	1
AP002807.1	-0.5324823	0.7904334	-0.6737	0.501	-0.297477982	count	1
ELF1	-0.2081007	0.0426288	-4.8817	1.10E-06	-0.297459599	count	0.0265144
LYPLA2	-0.2166869	0.1221394	-1.7741	0.0761	-0.297449521	count	1
CTDSP2	-0.2313645	0.1566513	-1.4769	0.14	-0.297399735	count	1
CWC22	-0.2282658	0.1214937	-1.8788	0.0604	-0.297312737	count	1
NARF	-0.2239553	0.1354766	-1.6531	0.0984	-0.297008503	count	1
CD74	-0.2064129	0.0478395	-4.3147	1.64E-05	-0.297004879	count	0.393846

BAZ1A	-0.2107063	0.0720429	-2.9247	0.00347	-0.296997798	count	1
MCAM	-0.4722721	0.4438679	-1.064	0.287	-0.296995551	count	1
KDM7A	-0.2593571	0.2150299	-1.2061	0.228	-0.296972675	count	1
ARHGEF2	-0.2356005	0.1798263	-1.3102	0.19	-0.296969888	count	1
DICER1-AS1	-0.3455545	0.5469016	-0.6318	0.528	-0.296920054	count	1
DRAXIN	-0.3455545	0.6064427	-0.5698	0.569	-0.296920054	count	1
RABGEF1	-0.3005391	0.2931819	-1.0251	0.305	-0.296867732	count	1
SEC16A	-0.2774783	0.2444582	-1.1351	0.256	-0.296865109	count	1
DHX40	-0.2509893	0.2030702	-1.236	0.217	-0.296798046	count	1
NDUFC1	-0.2128105	0.0955756	-2.2266	0.026	-0.296776457	count	1
TPI1	-0.2068109	0.0429061	-4.8201	1.50E-06	-0.296737835	count	0.036141
FAM13A-AS1	-0.3597288	0.5474093	-0.6571	0.511	-0.296540702	count	1
LEMD3	-0.2589667	0.1942921	-1.3329	0.183	-0.296533126	count	1
LINC01771	-0.4306115	0.7038008	-0.6118	0.541	-0.296528384	count	1
ATP5IF1	-0.2076377	0.0477786	-4.3458	1.43E-05	-0.296499489	count	0.3434717
CLIC5	-0.3065822	0.306101	-1.0016	0.317	-0.296425976	count	1
KIAA0040	-0.2142672	0.1116177	-1.9197	0.055	-0.296374887	count	1
ATP2B1	-0.2103826	0.0779054	-2.7005	0.00696	-0.296140497	count	1
HBS1L	-0.2258149	0.1442662	-1.5653	0.118	-0.296138807	count	1
AL117332.1	-0.4299533	0.5172559	-0.8312	0.406	-0.296108098	count	1
PITPNB	-0.2155551	0.1152988	-1.8695	0.0616	-0.296101687	count	1
ATP5MF	-0.2091095	0.070319	-2.9737	0.00296	-0.296092899	count	1
EFR3A	-0.217735	0.1212086	-1.7964	0.0725	-0.296083951	count	1
C12orf29	-0.2246772	0.1348976	-1.6655	0.0959	-0.296073236	count	1
DHX58	-0.2675086	0.3285451	-0.8142	0.416	-0.295958039	count	1
TIMM9	-0.2248226	0.1597425	-1.4074	0.159	-0.29592213	count	1
MOB1B	-0.529213	0.3551046	-1.4903	0.136	-0.295846171	count	1
RPRD1A	-0.2411689	0.2407744	-1.0016	0.317	-0.295716158	count	1
FEM1B	-0.2528635	0.2209318	-1.1445	0.252	-0.295545209	count	1
SLC16A11	-0.2883838	0.4223244	-0.6828	0.495	-0.295516569	count	1
ZSCAN18	-0.2438574	0.1967902	-1.2392	0.215	-0.29547413	count	1
TNFRSF12A	-0.2184319	0.1401705	-1.5583	0.119	-0.295456774	count	1
NPHP1	-1.2154405	1.031695	-1.1781	0.239	-0.295351779	count	1
HERPUD1	-0.2058324	0.0468841	-4.3902	1.17E-05	-0.295300383	count	0.281151
ZSCAN2	-0.2987418	0.3965633	-0.7533	0.451	-0.295145159	count	1
RRNAD1	-0.2834485	0.3140305	-0.9026	0.367	-0.295078111	count	1
ENO1	-0.2061343	0.0519505	-3.9679	7.40E-05	-0.295060407	count	1
KIF9-AS1	-0.4282398	0.6821121	-0.6278	0.53	-0.295013434	count	1
NR2F2	-1.2127462	0.604272	-2.007	0.0448	-0.29492216	count	1
NUBP2	-0.2189823	0.1196758	-1.8298	0.0674	-0.294922125	count	1
TSC2	-0.3310148	0.2356681	-1.4046	0.16	-0.294846178	count	1
ATG4A	-0.259422	0.2440825	-1.0628	0.288	-0.294795129	count	1
CEBPG	-0.2170684	0.1241334	-1.7487	0.0804	-0.294739569	count	1
FBLIM1	-0.3308443	0.4560865	-0.7254	0.468	-0.294700412	count	1
DEK	-0.2058165	0.050468	-4.0782	4.64E-05	-0.294587817	count	1

PIN1	-0.2088804	0.0807295	-2.5874	0.00971	-0.294558486	count	1
GTF2A1	-0.2336409	0.1635765	-1.4283	0.153	-0.294522516	count	1
WDR26	-0.2450599	0.1732131	-1.4148	0.157	-0.294296155	count	1
SAMD12	-0.4270873	0.4527203	-0.9434	0.346	-0.294276757	count	1
YY1	-0.206249	0.054008	-3.8189	1.00E-04	-0.294192164	count	1
HCCS	-0.241732	0.2334251	-1.0356	0.3	-0.294136184	count	1
MLLT10	-0.2264477	0.147776	-1.5324	0.126	-0.294082248	count	1
MAP3K5	-0.2473165	0.188117	-1.3147	0.189	-0.294072551	count	1
SCAF1	-0.3420464	0.3628046	-0.9428	0.346	-0.29403846	count	1
NACC1	-0.2714572	0.3270946	-0.8299	0.407	-0.294009849	count	1
WDR46	-0.2278171	0.1533616	-1.4855	0.138	-0.293924132	count	1
IZUMO4	-0.303722	0.4084751	-0.7436	0.457	-0.29374802	count	1
ZNF787	-0.2395139	0.1578004	-1.5178	0.129	-0.293709539	count	1
ZNF93	-0.3561006	0.3455207	-1.0306	0.303	-0.29369554	count	1
RRAGB	-0.2564096	0.2852269	-0.899	0.369	-0.293653493	count	1
DSTYK	-0.2743649	0.2329606	-1.1777	0.239	-0.293608306	count	1
PMAIP1	-0.2106599	0.0958106	-2.1987	0.028	-0.293591905	count	1
HAUS2	-0.227157	0.1754743	-1.2945	0.196	-0.293579131	count	1
NOC2L	-0.2229791	0.1356591	-1.6437	0.1	-0.293510329	count	1
GPR18	-0.2240012	0.2040295	-1.0979	0.272	-0.293399627	count	1
DIDO1	-0.2253471	0.1622773	-1.3887	0.165	-0.293105919	count	1
FGF18	-0.3956605	0.6536065	-0.6053	0.545	-0.293046175	count	1
ABHD11	-0.2463708	0.2677256	-0.9202	0.358	-0.292963242	count	1
PQLC2	-0.4247445	0.5069063	-0.8379	0.402	-0.292778192	count	1
MPLKIP	-0.2120547	0.114632	-1.8499	0.0644	-0.292715983	count	1
LPCAT4	-0.2240152	0.1770953	-1.2649	0.206	-0.292636854	count	1
MAP4K1	-0.2178309	0.1526247	-1.4272	0.154	-0.292576782	count	1
AP4S1	-0.4645355	0.3243141	-1.4324	0.152	-0.292545239	count	1
ORC4	-0.2345646	0.1802264	-1.3015	0.193	-0.292466755	count	1
GAPDH	-0.2028353	0.0266036	-7.6244	3.16E-14	-0.292381727	count	7.67E-10
MXI1	-0.2131486	0.1064139	-2.003	0.0453	-0.292300127	count	1
TRAPPC6A	-0.2076193	0.0838852	-2.475	0.0134	-0.292232132	count	1
BACE2	-0.7804087	0.7143438	-1.0925	0.275	-0.292160719	count	1
KANK1	-0.7804087	0.7333699	-1.0641	0.287	-0.292160719	count	1
SAMD9	-0.2080472	0.0875332	-2.3768	0.0175	-0.292033533	count	1
CWC15	-0.208639	0.0976886	-2.1358	0.0328	-0.291824549	count	1
GRIP2	-0.4632394	1.0195658	-0.4543	0.65	-0.291798225	count	1
STAM	-0.2220876	0.1469162	-1.5117	0.131	-0.291644363	count	1
COMMD5	-0.2153764	0.1444328	-1.4912	0.136	-0.291507791	count	1
VIM-AS1	-0.242604	0.2178951	-1.1134	0.266	-0.291384155	count	1
RND1	-0.4225307	0.3716289	-1.137	0.256	-0.291360881	count	1
ITGA3	-0.3708196	0.6014356	-0.6166	0.538	-0.291355537	count	1
ILF3	-0.209373	0.0912026	-2.2957	0.0218	-0.291292421	count	1
SLTM	-0.2056174	0.0672931	-3.0556	0.00226	-0.291278695	count	1
LTK	-1.1896158	0.8952199	-1.3289	0.184	-0.291197425	count	1

TM9SF3	-0.2120795	0.1030686	-2.0577	0.0397	-0.291144985	count	1
PDCD2	-0.2082703	0.0914768	-2.2768	0.0229	-0.291110881	count	1
RRS1-AS1	-0.3704372	0.8854208	-0.4184	0.676	-0.29107128	count	1
ZC3H3	-0.2837313	0.2728971	-1.0397	0.299	-0.29087216	count	1
PDLIM5	-0.2290442	0.1958478	-1.1695	0.242	-0.290854691	count	1
FAM76A	-0.2232342	0.1602685	-1.3929	0.164	-0.290803227	count	1
IRAQ1BP1	-0.3921486	0.507097	-0.7733	0.439	-0.290604428	count	1
ZNF200	-0.2883571	0.2913881	-0.9896	0.322	-0.2905459	count	1
TARSL2	-0.2214998	0.1160683	-1.9084	0.0564	-0.290515214	count	1
ATG4B	-0.2352058	0.1995625	-1.1786	0.239	-0.290508031	count	1
NAIP	-0.460701	0.3687294	-1.2494	0.212	-0.290334016	count	1
HDHD3	-0.2234993	0.1954939	-1.1433	0.253	-0.290279695	count	1
ZNF583	-0.5178884	0.3360256	-1.5412	0.123	-0.290174169	count	1
C12orf42	-0.3254967	0.4767265	-0.6828	0.495	-0.290125065	count	1
GAPVD1	-0.2356902	0.1598776	-1.4742	0.141	-0.290106665	count	1
RFC5	-0.4601809	0.3289053	-1.3991	0.162	-0.290033819	count	1
CHCHD7	-0.2122249	0.1078835	-1.9672	0.0492	-0.289917855	count	1
OSER1	-0.2075366	0.0866462	-2.3952	0.0167	-0.289880356	count	1
MYL6	-0.2012001	0.0277792	-7.2428	5.41E-13	-0.289793622	count	1.31E-08
AFAP1	-0.2510786	0.30079	-0.8347	0.404	-0.289701824	count	1
FIBP	-0.2084435	0.1114389	-1.8705	0.0615	-0.289615858	count	1
CMSS1	-0.2642998	0.1797318	-1.4705	0.142	-0.289546904	count	1
POLR3K	-0.2098833	0.1194543	-1.757	0.079	-0.289486742	count	1
DGCR2	-0.3246643	0.2785076	-1.1657	0.244	-0.289412259	count	1
BOLA2B	-0.6065951	0.446287	-1.3592	0.174	-0.28937606	count	1
TCEAL4	-0.2181901	0.1530603	-1.4255	0.154	-0.289116741	count	1
RNF10	-0.2317255	0.1413391	-1.6395	0.101	-0.288961369	count	1
MED4	-0.2077989	0.0896995	-2.3166	0.0206	-0.288945735	count	1
RFTN1	-0.2249924	0.1576966	-1.4267	0.154	-0.288729701	count	1
INPPL1	-0.2732403	0.328679	-0.8313	0.406	-0.288709248	count	1
SETD2	-0.2127162	0.114096	-1.8644	0.0624	-0.288704144	count	1
ZNF281	-0.2294298	0.1517587	-1.5118	0.131	-0.288519714	count	1
EIF4E	-0.2111446	0.1119941	-1.8853	0.0595	-0.288447175	count	1
MT-ATP6	-0.2001376	0.0225664	-8.8688	1.17E-18	-0.288355581	count	2.84E-14
CMC2	-0.204354	0.0770459	-2.6524	0.00803	-0.288307337	count	1
PEX16	-0.2138576	0.1426449	-1.4992	0.134	-0.288238114	count	1
EZH2	-0.2766254	0.2182374	-1.2675	0.205	-0.288146627	count	1
TNIP1	-0.2178497	0.1465939	-1.4861	0.137	-0.288073783	count	1
API5	-0.2207344	0.1610524	-1.3706	0.171	-0.287978924	count	1
TRIP4	-0.2576885	0.1966759	-1.3102	0.19	-0.28797396	count	1
NSUN5	-0.2478201	0.1983974	-1.2491	0.212	-0.287918651	count	1
CEMIP2	-0.2141338	0.088119	-2.4301	0.0151	-0.28783615	count	1
CRTC1	-1.169002	0.4565907	-2.5603	0.0105	-0.287822677	count	1
PPIAL4G	-0.5131462	0.8456736	-0.6068	0.544	-0.287789907	count	1
AC020571.1	-0.387592	0.2795068	-1.3867	0.166	-0.28743171	count	1

NDUFA13	-0.2060259	0.0974712	-2.1137	0.0346	-0.287426144	count	1
ABHD17B	-0.2428876	0.2062271	-1.1778	0.239	-0.287348297	count	1
HSPA6	-0.3650952	0.474828	-0.7689	0.442	-0.287096509	count	1
BCL11B	-0.2143605	0.1138938	-1.8821	0.0599	-0.287085824	count	1
PRR11	-0.7633933	0.7363781	-1.0367	0.3	-0.287003246	count	1
ELP2	-0.2306315	0.1536181	-1.5013	0.133	-0.28674673	count	1
ERF	-0.2199595	0.1371213	-1.6041	0.109	-0.28656548	count	1
HYAL2	-0.3212766	0.4375926	-0.7342	0.463	-0.286509613	count	1
ZW10	-0.3642414	0.3635498	-1.0019	0.316	-0.286460568	count	1
GEMIN2	-0.2562181	0.2972371	-0.862	0.389	-0.286360311	count	1
SGPP2	-0.7609228	0.4609396	-1.6508	0.0989	-0.286249913	count	1
DES12	-0.2105714	0.1361889	-1.5462	0.122	-0.286096338	count	1
RIC1	-0.3323784	0.3418629	-0.9723	0.331	-0.286081621	count	1
INSIG1	-0.2075047	0.1127269	-1.8408	0.0657	-0.286052049	count	1
EIF3J	-0.2037047	0.0885831	-2.2996	0.0215	-0.286037118	count	1
NOL8	-0.2137145	0.1588766	-1.3452	0.179	-0.286001976	count	1
AMT	-0.7599661	0.9207176	-0.8254	0.409	-0.28595787	count	1
ZFP90	-0.2246231	0.1688427	-1.3304	0.183	-0.285920512	count	1
TIMMDC1	-0.2113751	0.1344662	-1.572	0.116	-0.285784073	count	1
PKD2L2	-1.1555086	0.6924475	-1.6687	0.0953	-0.285585091	count	1
CEP250	-0.2474528	0.241485	-1.0247	0.306	-0.28558274	count	1
MEGF9	-0.247426	0.2664018	-0.9288	0.353	-0.285552285	count	1
NAA30	-0.2376411	0.2350795	-1.0109	0.312	-0.285497013	count	1
DHX30	-0.2262655	0.1679906	-1.3469	0.178	-0.285307499	count	1
GPRASP1	-0.4130824	0.4124585	-1.0015	0.317	-0.285298097	count	1
SNED1	-1.153702	0.7005792	-1.6468	0.0997	-0.285283783	count	1
SLC27A5	-0.2439191	0.239062	-1.0203	0.308	-0.285241675	count	1
PEX14	-0.4518862	0.281008	-1.6081	0.108	-0.285237052	count	1
NME3	-0.2023732	0.0802523	-2.5217	0.0117	-0.285137657	count	1
CCDC32	-0.2141074	0.1421991	-1.5057	0.132	-0.285085467	count	1
PSMB7	-0.2056332	0.0967021	-2.1265	0.0335	-0.285063032	count	1
NDUFA11	-0.2004492	0.0690754	-2.9019	0.00373	-0.284923381	count	1
YBEY	-0.2215832	0.1809414	-1.2246	0.221	-0.284920696	count	1
FCGRT	-0.2169004	0.1996975	-1.0861	0.277	-0.284873514	count	1
RGS16	-0.213857	0.164076	-1.3034	0.193	-0.284753751	count	1
AL031280.1	-0.7555964	0.5695981	-1.3265	0.185	-0.284621818	count	1
TMEM160	-0.2012364	0.076384	-2.6345	0.00846	-0.284555427	count	1
PLA2G6	-0.4118716	0.3846333	-1.0708	0.284	-0.284519541	count	1
SIDT2	-0.4117845	0.4765633	-0.8641	0.388	-0.284463513	count	1
TMEM205	-0.2079581	0.1704061	-1.2204	0.222	-0.284225683	count	1
PSME4	-0.2566658	0.2008632	-1.2778	0.201	-0.284186113	count	1
INE2	-0.5939798	0.9055518	-0.6559	0.512	-0.284149178	count	1
BCAS3	-0.2479241	0.3287959	-0.754	0.451	-0.28409007	count	1
ZNF230	-0.2817005	0.3153803	-0.8932	0.372	-0.284017395	count	1
PPIL3	-0.2258141	0.2072232	-1.0897	0.276	-0.284013533	count	1

SCAMP4	-0.225222	0.1835045	-1.2273	0.22	-0.284003243	count	1
NUB1	-0.202775	0.0818733	-2.4767	0.0133	-0.283966335	count	1
AHCTF1	-0.2341373	0.1719199	-1.3619	0.173	-0.283833625	count	1
TC2N	-0.2060756	0.0792279	-2.601	0.00933	-0.283751216	count	1
DHX15	-0.2254885	0.1497357	-1.5059	0.132	-0.283607674	count	1
USP33	-0.2130646	0.1229066	-1.7335	0.0831	-0.283447138	count	1
TTI2	-0.2337959	0.2501976	-0.9344	0.35	-0.283424545	count	1
MAP2K4	-0.2408858	0.218987	-1.1	0.271	-0.28341992	count	1
TENT5A	-0.2192048	0.1593342	-1.3758	0.169	-0.283374178	count	1
SYTL3	-0.2081463	0.0840178	-2.4774	0.0133	-0.283092941	count	1
NBEAL2	-0.2366757	0.2468975	-0.9586	0.338	-0.283000186	count	1
PLIN3	-0.2181272	0.17084	-1.2768	0.202	-0.282909208	count	1
MADD	-0.3074197	0.2567703	-1.1973	0.231	-0.282881004	count	1
LRRC42	-0.24871	0.2387404	-1.0418	0.298	-0.282822637	count	1
POMP	-0.1984753	0.0616926	-3.2172	0.00131	-0.282792679	count	1
ZNF430	-0.2163796	0.1258436	-1.7194	0.0856	-0.28272525	count	1
AL033527.5	-0.5029871	0.8793076	-0.572	0.567	-0.282664134	count	1
NEK7	-0.2126624	0.1679869	-1.2659	0.206	-0.28265284	count	1
PHF20L1	-0.2038123	0.0909253	-2.2415	0.0251	-0.282481867	count	1
GCLC	-0.3588213	0.2539928	-1.4127	0.158	-0.282419282	count	1
COX8A	-0.1971011	0.0485046	-4.0636	4.94E-05	-0.282357114	count	1
CCDC191	-0.3162913	0.353056	-0.8959	0.37	-0.282233195	count	1
TLK2	-0.213154	0.1387822	-1.5359	0.125	-0.282192207	count	1
NBN	-0.213531	0.1196925	-1.784	0.0745	-0.282093071	count	1
PGAP1	-0.3583769	0.3117941	-1.1494	0.25	-0.282087609	count	1
C17orf67	-0.2241544	0.2098828	-1.068	0.286	-0.281944598	count	1
ULK4	-0.2478827	0.2447137	-1.0129	0.311	-0.281897195	count	1
RILPL2	-0.1989575	0.0682337	-2.9158	0.00357	-0.281893606	count	1
FYN	-0.1987737	0.0640135	-3.1052	0.00192	-0.281607608	count	1
ZNF836	-0.2846388	0.3350507	-0.8495	0.396	-0.281604384	count	1
ADAM28	-1.1315317	0.9456975	-1.1965	0.232	-0.281552981	count	1
AC064836.3	-1.1315317	0.9590909	-1.1798	0.238	-0.281552981	count	1
CDC42EP5	-1.1315317	0.9923854	-1.1402	0.254	-0.281552981	count	1
AC096677.1	-1.1315317	1.128105	-1.003	0.316	-0.281552981	count	1
BAMBI	-0.4071106	0.4268564	-0.9537	0.34	-0.281454591	count	1
XRCC1	-0.2206046	0.2101899	-1.0495	0.294	-0.281447768	count	1
ITM2C	-0.1977788	0.0949115	-2.0838	0.0373	-0.281398706	count	1
IPO9	-0.2437658	0.2453559	-0.9935	0.321	-0.28139199	count	1
ORC2	-0.2341409	0.2489804	-0.9404	0.347	-0.281342925	count	1
MPV17L	-0.744904	0.6814712	-1.0931	0.274	-0.28133746	count	1
PCNX4	-0.2741811	0.1703521	-1.6095	0.108	-0.281324653	count	1
FBXO28	-0.2300258	0.189949	-1.211	0.226	-0.281147758	count	1
RBM27	-0.5867026	0.32511	-1.8046	0.0712	-0.281118093	count	1
ETS1	-0.1970617	0.0442461	-4.4538	8.71E-06	-0.28108629	count	0.20941453
TCAF2	-0.3785006	0.3167826	-1.1948	0.232	-0.281085912	count	1

SLC25A10	-0.4446311	0.719521	-0.618	0.537	-0.28102759	count	1
SPINT1	-0.2785824	0.4213835	-0.6611	0.509	-0.280956117	count	1
CEP55	-1.1270746	0.8089353	-1.3933	0.164	-0.280795472	count	1
AC092164.1	-1.1270746	0.8489114	-1.3277	0.184	-0.280795472	count	1
EEF1A2	-1.1270746	0.987075	-1.1418	0.254	-0.280795472	count	1
CALHM6	-1.1270746	1.0284756	-1.0959	0.273	-0.280795472	count	1
CEBPZ	-0.1995518	0.0854886	-2.3343	0.0196	-0.280772772	count	1
C1QTNF6	-1.126836	0.6579821	-1.7126	0.0869	-0.28075485	count	1
ZBED4	-0.4058386	0.2333183	-1.7394	0.0821	-0.280634804	count	1
TUBGCP5	-0.2466995	0.2096597	-1.1767	0.239	-0.280573437	count	1
HERC4	-0.2133466	0.1483198	-1.4384	0.15	-0.280572886	count	1
BRK1	-0.1975982	0.0609672	-3.2411	0.0012	-0.280527825	count	1
NET1	-0.4055934	0.3848861	-1.0538	0.292	-0.280476726	count	1
PDXDC1	-0.2312081	0.1694421	-1.3645	0.172	-0.280323237	count	1
C4orf33	-0.2688584	0.2525064	-1.0648	0.287	-0.280244933	count	1
EIF3C	-0.7413257	0.418397	-1.7718	0.0765	-0.280233518	count	1
ACTR6	-0.202026	0.1092077	-1.8499	0.0644	-0.280074611	count	1
PTRHD1	-0.2010345	0.1057498	-1.901	0.0574	-0.280063768	count	1
PHF3	-0.2005119	0.073867	-2.7145	0.00667	-0.280005366	count	1
ZNF511	-0.2059618	0.1369614	-1.5038	0.133	-0.279995692	count	1
ZBED1	-0.2582436	0.2316328	-1.1149	0.265	-0.279985749	count	1
GOLGA4	-0.2011739	0.079294	-2.5371	0.0112	-0.279961528	count	1
ARID4A	-0.2001599	0.0813444	-2.4606	0.0139	-0.279911689	count	1
UTP14C	-0.3554315	0.4826542	-0.7364	0.462	-0.279888101	count	1
KANSL1	-0.2002683	0.0802434	-2.4958	0.0126	-0.279828909	count	1
AC016727.1	-0.3384454	0.5250643	-0.6446	0.519	-0.27980453	count	1
RBM25	-0.1964106	0.0485984	-4.0415	5.43E-05	-0.279720595	count	1
TRIM3	-0.4968764	0.5205421	-0.9545	0.34	-0.279569172	count	1
ICA1	-0.2955353	0.3290831	-0.8981	0.369	-0.279514462	count	1
ALG12	-0.2438178	0.2608111	-0.9348	0.35	-0.279457948	count	1
GTF2B	-0.1955893	0.0542112	-3.6079	0.000313	-0.279305338	count	1
LRRFIP2	-0.208167	0.1243822	-1.6736	0.0943	-0.279249769	count	1
SNRPN	-0.1974041	0.0756899	-2.6081	0.00915	-0.279235529	count	1
RIPK1	-0.2171082	0.1548708	-1.4019	0.161	-0.279208408	count	1
HECA	-0.2051644	0.0981024	-2.0913	0.0366	-0.279186219	count	1
DEF8	-0.2219367	0.1807117	-1.2281	0.219	-0.279179602	count	1
ANKRD34A	-0.3757456	0.4764917	-0.7886	0.43	-0.279158832	count	1
CIP2A	-0.3239012	0.5160301	-0.6277	0.53	-0.279086324	count	1
NAA10	-0.1976564	0.0816157	-2.4218	0.0155	-0.279077201	count	1
IFIH1	-0.2257836	0.2046558	-1.1032	0.27	-0.278987311	count	1
NSMCE2	-0.2186006	0.1446197	-1.5116	0.131	-0.278910976	count	1
AC026401.3	-0.4953697	0.4402542	-1.1252	0.261	-0.278804684	count	1
APTR	-0.4027164	0.3786858	-1.0635	0.288	-0.278620765	count	1
C16orf58	-0.2875493	0.3303225	-0.8705	0.384	-0.278571815	count	1
ANKRD35	-0.2713902	0.3899149	-0.696	0.486	-0.278531024	count	1

AGAP2	-0.2254094	0.2003105	-1.1253	0.261	-0.278529546	count	1
SMARCC1	-0.2117504	0.1174017	-1.8036	0.0714	-0.278485803	count	1
FBXO3	-0.2113813	0.1465998	-1.4419	0.149	-0.278331091	count	1
MRPL35	-0.2201342	0.1964152	-1.1208	0.262	-0.278328489	count	1
NAA20	-0.199288	0.1064726	-1.8717	0.0613	-0.278216289	count	1
TRMT1L	-0.2445072	0.2648391	-0.9232	0.356	-0.278120102	count	1
LONP2	-0.2068205	0.1457345	-1.4192	0.156	-0.278048372	count	1
RIF1	-0.2113351	0.1343189	-1.5734	0.116	-0.27794275	count	1
ZNF408	-0.3111697	0.291397	-1.0679	0.286	-0.277833779	count	1
FAM111A-DT	-0.2507429	0.4313564	-0.5813	0.561	-0.277746871	count	1
IFT122	-1.108754	0.6520338	-1.7005	0.0891	-0.277655611	count	1
STX4	-0.2011967	0.1146022	-1.7556	0.0792	-0.277380138	count	1
ABI2	-0.2438107	0.2613207	-0.933	0.351	-0.277340504	count	1
C1S	-0.5773476	0.7029736	-0.8213	0.412	-0.277204412	count	1
IREB2	-0.2235709	0.1748712	-1.2785	0.201	-0.277183373	count	1
INTS8	-0.2620653	0.2567086	-1.0209	0.307	-0.277159661	count	1
NOTCH2NL	-0.4377575	0.5369331	-0.8153	0.415	-0.277027511	count	1
AQP1	-0.5758965	0.7770895	-0.7411	0.459	-0.276595619	count	1
C5AR1	-0.2793757	0.6122724	-0.4563	0.648	-0.276540171	count	1
PCYT2	-0.2519483	0.2264141	-1.1128	0.266	-0.276270589	count	1
ZNF507	-0.2408735	0.3083932	-0.7811	0.435	-0.276134957	count	1
CREBRF	-0.1981028	0.0835276	-2.3717	0.0178	-0.27589289	count	1
ABHD8	-0.4357794	0.5476603	-0.7957	0.426	-0.275874204	count	1
TUBA1C	-0.1945745	0.0774709	-2.5116	0.0121	-0.275836715	count	1
ZDHHC7	-0.2686947	0.2701481	-0.9946	0.32	-0.275831391	count	1
HOXB-AS1	-0.2733303	0.2883015	-0.9481	0.343	-0.275795129	count	1
BMP2K	-0.2994467	0.4036292	-0.7419	0.458	-0.275794117	count	1
TMUB1	-0.1986463	0.0968298	-2.0515	0.0403	-0.275639412	count	1
RBM41	-0.2783389	0.2724348	-1.0217	0.307	-0.275541852	count	1
LSM14A	-0.1967421	0.0853556	-2.305	0.0212	-0.27539444	count	1
RNF111	-0.212274	0.161975	-1.3105	0.19	-0.275367683	count	1
MPC2	-0.1949109	0.0747324	-2.6081	0.00914	-0.275345344	count	1
SLC22A18	-0.2602676	0.2460625	-1.0577	0.29	-0.275299445	count	1
AC015813.1	-0.725022	0.7526514	-0.9633	0.335	-0.275173151	count	1
NFRKB	-0.2324563	0.2299026	-1.0111	0.312	-0.275167185	count	1
CBR1	-0.2030589	0.1573623	-1.2904	0.197	-0.275054637	count	1
FOXO3	-0.2277667	0.1989043	-1.1451	0.252	-0.275012997	count	1
PRRC2B	-0.2126886	0.1341414	-1.5856	0.113	-0.275007698	count	1
CLUH	-0.3323307	0.4223663	-0.7868	0.431	-0.274975772	count	1
NPPA-AS1	-1.0926945	1.1121037	-0.9825	0.326	-0.274867732	count	1
CLEC10A	-1.0926945	1.3941292	-0.7838	0.433	-0.274867732	count	1
AC007878.1	-1.0926945	1.4496743	-0.7538	0.451	-0.274867732	count	1
DLL1	-1.0926945	1.4496743	-0.7538	0.451	-0.274867732	count	1
AC092910.3	-1.0926945	1.554823	-0.7028	0.482	-0.274867732	count	1
TNFRSF18	-0.2144765	0.1744356	-1.2295	0.219	-0.274802295	count	1

PRDX1	-0.1921592	0.0540692	-3.5539	0.000385	-0.274736365	count	1
MAML3	-1.091901	0.7179456	-1.5209	0.128	-0.274729148	count	1
C2orf76	-0.2347515	0.2374417	-0.9887	0.323	-0.274668402	count	1
DUSP8	-0.2151521	0.1648063	-1.3055	0.192	-0.274544695	count	1
QDPR	-0.2283038	0.1821782	-1.2532	0.21	-0.274411634	count	1
IRF2	-0.1956939	0.085843	-2.2797	0.0227	-0.274200492	count	1
G3BP1	-0.1981909	0.0943911	-2.0997	0.0358	-0.274057576	count	1
MBLAC1	-0.3475733	0.4250915	-0.8176	0.414	-0.274009469	count	1
MPG	-0.1954345	0.0937041	-2.0857	0.0371	-0.273771724	count	1
CRNDE	-0.5690164	0.6925226	-0.8217	0.411	-0.273702824	count	1
GIMAP1	-0.1939024	0.0781569	-2.4809	0.0132	-0.273656409	count	1
SYNGAP1	-0.3168918	0.294602	-1.0757	0.282	-0.273289258	count	1
PGP	-0.1938004	0.0862176	-2.2478	0.0247	-0.273241596	count	1
TGIF2	-0.225241	0.191175	-1.1782	0.239	-0.273168695	count	1
AC027097.2	-1.0829527	0.9660221	-1.121	0.262	-0.273160606	count	1
CCZ1B	-0.2758287	0.2762563	-0.9985	0.318	-0.273123878	count	1
AP002387.2	-0.1970733	0.1094828	-1.8	0.0719	-0.273102258	count	1
C3orf14	-0.2817308	0.3505388	-0.8037	0.422	-0.273097812	count	1
GOLGB1	-0.1953655	0.0780196	-2.5041	0.0123	-0.273068596	count	1
FSD2	-0.4839761	1.0631324	-0.4552	0.649	-0.273006308	count	1
AC027290.1	-1.0812927	1.0952498	-0.9873	0.324	-0.2728685	count	1
AC104695.3	-1.0812927	1.2283936	-0.8802	0.379	-0.2728685	count	1
RASA4B	-1.0812927	1.2283936	-0.8802	0.379	-0.2728685	count	1
AC099063.4	-0.2814149	0.4258245	-0.6609	0.509	-0.272800404	count	1
TAF1D	-0.1919962	0.0505704	-3.7966	0.000149	-0.27277056	count	1
SEC14L1	-0.2078401	0.1317539	-1.5775	0.115	-0.272703397	count	1
TNKS2	-0.2012959	0.1237932	-1.6261	0.104	-0.272675539	count	1
CCDC50	-0.2302802	0.2510288	-0.9173	0.359	-0.272624058	count	1
FAM208A	-0.2058797	0.1297911	-1.5862	0.113	-0.272611918	count	1
NF1	-0.237706	0.2267577	-1.0483	0.295	-0.272558498	count	1
KCTD6	-0.2459557	0.2413222	-1.0192	0.308	-0.272537834	count	1
RAP1GDS1	-0.2044489	0.1298125	-1.575	0.115	-0.272527964	count	1
MAP4K4	-0.2118355	0.1269698	-1.6684	0.0953	-0.272475421	count	1
NFKBIL1	-0.2277474	0.2094757	-1.0872	0.277	-0.272452727	count	1
RSBN1	-0.1933126	0.0705468	-2.7402	0.00617	-0.272431391	count	1
DCTN4	-0.2358446	0.23497	-1.0037	0.316	-0.272381282	count	1
NTMT1	-0.2008409	0.11611	-1.7297	0.0838	-0.272358391	count	1
REEP5	-0.1905799	0.0591831	-3.2202	0.00129	-0.272341693	count	1
PAPSS1	-0.2153027	0.1992889	-1.0804	0.28	-0.27226968	count	1
AC004816.1	-0.4823563	0.7190785	-0.6708	0.502	-0.272179477	count	1
MCM3AP	-0.2391712	0.2426709	-0.9856	0.324	-0.272145438	count	1
TRAV23DV6	-1.0770306	0.886075	-1.2155	0.224	-0.272116866	count	1
AC007249.2	-1.0770306	1.267231	-0.8499	0.395	-0.272116866	count	1
ZNF300	-0.5649195	1.0867827	-0.5198	0.603	-0.271975313	count	1
PDE2A	-0.5649195	1.0867827	-0.5198	0.603	-0.271975313	count	1

HS3ST1	-0.5649195	1.1995168	-0.471	0.638	-0.271975313	count	1
AL731661.1	-0.5649195	1.1995168	-0.471	0.638	-0.271975313	count	1
AC109322.1	-0.5649195	1.2474214	-0.4529	0.651	-0.271975313	count	1
RAMP3	-0.5649195	1.381202	-0.409	0.683	-0.271975313	count	1
ANXA1	-0.1886591	0.0406693	-4.6389	3.64E-06	-0.271864711	count	0.08760388
ADCK1	-0.4286332	0.7225794	-0.5932	0.553	-0.271699738	count	1
SPINT1-AS1	-0.5642318	0.4294598	-1.3138	0.189	-0.271684969	count	1
ATXN7L3	-0.2197386	0.2211423	-0.9937	0.32	-0.271590304	count	1
ASB2	-0.2142291	0.2533163	-0.8457	0.398	-0.271567308	count	1
UPF2	-0.1932934	0.0866455	-2.2309	0.0258	-0.271549993	count	1
RBM28	-0.2175537	0.163692	-1.329	0.184	-0.271449759	count	1
PBXIP1	-0.192806	0.0704813	-2.7356	0.00626	-0.271434697	count	1
H2AFJ	-0.1921974	0.0861501	-2.231	0.0257	-0.271431486	count	1
TPD52L2	-0.2195675	0.1951685	-1.125	0.261	-0.271380873	count	1
TNIP2	-0.1979177	0.1154365	-1.7145	0.0865	-0.271179325	count	1
CTNS	-0.3912104	0.4445229	-0.8801	0.379	-0.271177781	count	1
PSMB5	-0.1971573	0.1133281	-1.7397	0.082	-0.271167393	count	1
DENND2D	-0.1953005	0.0933199	-2.0928	0.0364	-0.271064534	count	1
NDUFB1	-0.1920564	0.0792516	-2.4234	0.0154	-0.271054451	count	1
IFT74	-0.2216278	0.2294948	-0.9657	0.334	-0.270990335	count	1
MGME1	-0.2106671	0.1858537	-1.1335	0.257	-0.270983072	count	1
SP110	-0.1909413	0.0652384	-2.9268	0.00345	-0.270944513	count	1
ZFYVE26	-0.7114085	0.6498282	-1.0948	0.274	-0.270909394	count	1
KLC4	-0.4797918	0.5393988	-0.8895	0.374	-0.270869142	count	1
MEI1	-0.1995125	0.1267632	-1.5739	0.116	-0.270848637	count	1
MOK	-0.5619417	0.5120079	-1.0975	0.272	-0.27071736	count	1
ZNF530	-0.5618055	0.6861772	-0.8187	0.413	-0.270659772	count	1
TOPBP1	-0.225145	0.1794257	-1.2548	0.21	-0.270658765	count	1
AL450992.2	-0.7104964	1.1181017	-0.6354	0.525	-0.270622485	count	1
COCH	-0.7104964	1.3077537	-0.5433	0.587	-0.270622485	count	1
AC093627.4	-0.7104964	1.3259389	-0.5358	0.592	-0.270622485	count	1
NPAS1	-0.7104964	1.4191967	-0.5006	0.617	-0.270622485	count	1
POLR2J2	-0.3135691	0.4661769	-0.6726	0.501	-0.270537153	count	1
FOCAD	-1.067373	0.4899755	-2.1784	0.0294	-0.270405187	count	1
CBX4	-0.1974234	0.1063776	-1.8559	0.0636	-0.270402683	count	1
DUSP19	-1.0670954	0.8458117	-1.2616	0.207	-0.27035566	count	1
RBMX2	-0.2000063	0.1375735	-1.4538	0.146	-0.270312653	count	1
GPR157	-0.7094132	0.5071434	-1.3988	0.162	-0.270281538	count	1
AC136475.1	-0.4785766	0.3453108	-1.3859	0.166	-0.270247693	count	1
FAM122C	-0.246165	0.2601122	-0.9464	0.344	-0.270044833	count	1
TUBA1A	-0.1882766	0.0547424	-3.4393	0.00059	-0.270006007	count	1
TDP2	-0.2026777	0.1710249	-1.1851	0.236	-0.269939592	count	1
SAMD1	-0.2175889	0.1532046	-1.4203	0.156	-0.269836593	count	1
COG8	-0.7077146	0.4709613	-1.5027	0.133	-0.269746441	count	1
AGPAT4	-0.2547446	0.3300957	-0.7717	0.44	-0.26958048	count	1

WDR59	-0.2409343	0.2579617	-0.934	0.35	-0.269565514	count	1
NOTCH2	-0.2718193	0.3179394	-0.8549	0.393	-0.269259018	count	1
PSME2	-0.1876221	0.0470387	-3.9887	6.78E-05	-0.269249796	count	1
NOC3L	-0.2058481	0.1686017	-1.2209	0.222	-0.269046508	count	1
ANKRD37	-0.2079712	0.1418622	-1.466	0.143	-0.268948373	count	1
ZNF793	-0.4238041	0.53259	-0.7957	0.426	-0.268871733	count	1
DERL2	-0.1930548	0.0945851	-2.0411	0.0413	-0.268830023	count	1
TIMM23	-0.2153596	0.2217001	-0.9714	0.331	-0.268736525	count	1
ABCF1	-0.1916762	0.0873429	-2.1945	0.0283	-0.268580479	count	1
UBLCP1	-0.1998345	0.1460035	-1.3687	0.171	-0.268507335	count	1
HIST1H2BC	-0.3401143	0.4824215	-0.705	0.481	-0.268415422	count	1
GGT7	-0.5562329	0.3407122	-1.6326	0.103	-0.268300288	count	1
RPS6KB2	-0.2008667	0.1378512	-1.4571	0.145	-0.268233008	count	1
EPS15	-0.1931406	0.0995437	-1.9403	0.0524	-0.268184595	count	1
FAM96B	-0.1885718	0.0603689	-3.1237	0.0018	-0.268182481	count	1
ADAM17	-0.2066911	0.1667432	-1.2396	0.215	-0.268171591	count	1
EIF2AK4	-0.1992471	0.1953168	-1.0201	0.308	-0.268093061	count	1
CCT6A	-0.1903497	0.079405	-2.3972	0.0166	-0.268070252	count	1
ZNF569	-0.2304277	0.2221396	-1.0373	0.3	-0.267991964	count	1
DNMBP	-0.4741332	0.8365322	-0.5668	0.571	-0.267972384	count	1
SMYD4	-0.2607719	0.3396908	-0.7677	0.443	-0.267887935	count	1
ZNF7	-0.2110625	0.2146824	-0.9831	0.326	-0.267584644	count	1
TPR	-0.1876431	0.0583635	-3.2151	0.0013	-0.26757608	count	1
YIF1B	-0.2110114	0.2068358	-1.0202	0.308	-0.267520366	count	1
NOTCH1	-0.2648619	0.2552882	-1.0375	0.3	-0.267461604	count	1
ANAPC11	-0.1890157	0.07669	-2.4647	0.0138	-0.26742631	count	1
HLCS	-1.050439	0.5991234	-1.7533	0.0796	-0.267374268	count	1
NAP1L1	-0.1877823	0.0496101	-3.7852	0.000156	-0.267371489	count	1
RFC3	-0.3585337	0.369187	-0.9711	0.332	-0.267076815	count	1
PARP8	-0.1905511	0.0828758	-2.2992	0.0216	-0.266942403	count	1
NT5DC3	-0.4711186	0.6478653	-0.7272	0.467	-0.266426062	count	1
CBX3	-0.1872421	0.0599036	-3.1257	0.001789	-0.266375427	count	1
SOS1	-0.2032218	0.138039	-1.4722	0.141	-0.266338794	count	1
IKZF1	-0.188521	0.0605156	-3.1152	0.00185	-0.266159725	count	1
CENPQ	-0.2549989	0.3881514	-0.657	0.511	-0.266115403	count	1
ZBTB14	-0.2286686	0.2182956	-1.0475	0.295	-0.265973956	count	1
PHLDA2	-0.2164342	0.1982564	-1.0917	0.275	-0.265690412	count	1
ZBTB32	-0.3364694	0.4817232	-0.6985	0.485	-0.265676892	count	1
CA13	-1.040811	0.7074382	-1.4712	0.141	-0.265634461	count	1
HSPE1	-0.1859377	0.0483583	-3.845	0.000123	-0.265627755	count	1
INIP	-0.2020643	0.1548176	-1.3052	0.192	-0.265496055	count	1
FRA10AC1	-0.1988007	0.1587899	-1.252	0.211	-0.265486557	count	1
C8orf82	-0.2114472	0.1934675	-1.0929	0.275	-0.265388333	count	1
GSTO1	-0.1885157	0.0850432	-2.2167	0.0267	-0.265380808	count	1
PIP5K1C	-0.2504627	0.2914217	-0.8595	0.39	-0.265142631	count	1

SERPING1	-0.5485933	0.5795735	-0.9465	0.344	-0.265054512	count	1
DTX3L	-0.2049088	0.1636809	-1.2519	0.211	-0.265013758	count	1
CHCHD1	-0.1916649	0.1197668	-1.6003	0.11	-0.264988377	count	1
EIF4G2	-0.1877874	0.0648893	-2.894	0.00383	-0.26496438	count	1
EXOSC9	-0.1922639	0.1115951	-1.7229	0.085	-0.264942635	count	1
VCAM1	-0.4170567	0.4483227	-0.9303	0.352	-0.264910814	count	1
LCP1	-0.1846396	0.0431222	-4.2818	1.91E-05	-0.264876187	count	0.4586483
UBN2	-0.2345622	0.2416808	-0.9705	0.332	-0.264832977	count	1
CABIN1	-0.1966609	0.1255628	-1.5662	0.117	-0.26480547	count	1
PPA1	-0.1883865	0.0705481	-2.6703	0.00761	-0.264692908	count	1
CTTNBP2NL	-0.6913552	0.7415695	-0.9323	0.351	-0.26456495	count	1
SP4	-0.2221611	0.1975535	-1.1246	0.261	-0.264521621	count	1
CARD19	-0.1936312	0.1287826	-1.5036	0.133	-0.264487087	count	1
DDX54	-0.2044902	0.1536236	-1.3311	0.183	-0.264475869	count	1
TIMM50	-0.2153942	0.2097738	-1.0268	0.305	-0.264426275	count	1
LIN7C	-0.2667394	0.2025073	-1.3172	0.188	-0.264357374	count	1
KDM6B	-0.2054714	0.1305539	-1.5738	0.116	-0.264345273	count	1
COTL1	-0.1840804	0.0483855	-3.8045	0.000145	-0.264282619	count	1
SBDS	-0.1850304	0.0497715	-3.7176	0.000204	-0.264250993	count	1
MTA1	-0.2407686	0.2116319	-1.1377	0.255	-0.264230189	count	1
AP2A1	-0.2302237	0.234172	-0.9831	0.326	-0.264103802	count	1
NPC2	-0.1880468	0.0909461	-2.0677	0.0387	-0.264002769	count	1
PAXIP1	-0.2860872	0.3676164	-0.7782	0.436	-0.263886881	count	1
LRRFIP1	-0.1842144	0.0472455	-3.8991	9.84E-05	-0.263724849	count	1
ODR4	-0.2298388	0.2168827	-1.0597	0.289	-0.263668639	count	1
SNRNP200	-0.1982434	0.1216653	-1.6294	0.103	-0.263579729	count	1
SIAH1	-0.2033116	0.1750714	-1.1613	0.246	-0.263393856	count	1
MAPRE2	-0.2011177	0.1276465	-1.5756	0.115	-0.262899469	count	1
AIFM2	-0.3325651	0.6985389	-0.4761	0.634	-0.262739867	count	1
UQCRRF51	-0.1855996	0.0761887	-2.4361	0.0149	-0.26268096	count	1
TMCO6	-0.3324769	0.3721506	-0.8934	0.372	-0.262673485	count	1
EFCAB11	-0.2706536	0.4464092	-0.6063	0.544	-0.262656142	count	1
RWDD1	-0.1837374	0.0559956	-3.2813	0.001	-0.26260498	count	1
PUM2	-0.2065994	0.1675785	-1.2329	0.218	-0.26256924	count	1
PWP1	-0.1911802	0.1099675	-1.7385	0.0822	-0.262535353	count	1
FBXO21	-0.1983629	0.1441074	-1.3765	0.169	-0.262435799	count	1
MED28	-0.1926817	0.1029063	-1.8724	0.0612	-0.262380158	count	1
IL18R1	-0.2074019	0.1589526	-1.3048	0.192	-0.262356598	count	1
STAT1	-0.1872867	0.087737	-2.1346	0.0329	-0.26234495	count	1
ZSWIM4	-0.5420362	0.6833976	-0.7931	0.428	-0.262258438	count	1
CD27	-0.1851624	0.0828707	-2.2344	0.0255	-0.262207277	count	1
CDKN2D	-0.1833314	0.0567356	-3.2313	0.00124	-0.262202001	count	1
ZNF280D	-0.2213411	0.2224797	-0.9949	0.32	-0.262170148	count	1
BOD1	-0.2053412	0.1854901	-1.107	0.268	-0.262116248	count	1
RNF122	-0.4626707	0.4608927	-1.0039	0.316	-0.262081339	count	1

AC012368.1	-1.0209062	0.8948351	-1.1409	0.254	-0.261998789	count	1
MECOM	-1.0209062	1.142582	-0.8935	0.372	-0.261998789	count	1
CNN2	-0.184621	0.0729691	-2.5301	0.0114	-0.261994346	count	1
PCOLCE2	-0.6828818	0.7020184	-0.9727	0.331	-0.26186128	count	1
MBD4	-0.1871229	0.0925467	-2.0219	0.0433	-0.26185122	count	1
MON2	-0.2222054	0.2185234	-1.0168	0.309	-0.261718066	count	1
FAM184A	-0.2410406	0.2060036	-1.1701	0.242	-0.261679329	count	1
ZNF224	-0.1951117	0.1331018	-1.4659	0.143	-0.261615096	count	1
GSKIP	-0.1995966	0.1663917	-1.1996	0.23	-0.261614125	count	1
PURA	-0.186245	0.0857746	-2.1713	0.03	-0.261610618	count	1
ZSCAN9	-0.3154378	0.4890705	-0.645	0.519	-0.261588494	count	1
STX8	-0.1912525	0.1093512	-1.749	0.0804	-0.261568896	count	1
ZFAND2B	-0.1894028	0.1102823	-1.7174	0.086	-0.261525858	count	1
KIAA0391	-0.6814169	0.6102682	-1.1166	0.264	-0.261392498	count	1
UQCR11	-0.1829871	0.0539481	-3.3919	7.00E-04	-0.26133825	count	1
GOT1	-0.2081613	0.1970225	-1.0565	0.291	-0.261298254	count	1
NEIL2	-0.2541747	0.3151738	-0.8065	0.42	-0.261263915	count	1
FAM206A	-0.246699	0.3961319	-0.6228	0.533	-0.261238968	count	1
CENPX	-0.1870807	0.0964172	-1.9403	0.0524	-0.261205635	count	1
PICALM	-0.2036274	0.1531021	-1.33	0.184	-0.260998398	count	1
PLEKHA8	-0.2498555	0.3193299	-0.7824	0.434	-0.260862202	count	1
SLC26A2	-0.2687093	0.2679265	-1.0029	0.316	-0.26082066	count	1
ZBTB8OS	-0.1885475	0.116752	-1.6149	0.106	-0.260819513	count	1
MAP4	-0.1885534	0.0990859	-1.9029	0.0571	-0.260762611	count	1
GNAQ	-0.3016149	0.3043538	-0.991	0.322	-0.260614211	count	1
UBE2D2	-0.1820079	0.045972	-3.9591	7.68E-05	-0.260554197	count	1
CFAP36	-0.188717	0.108838	-1.7339	0.083	-0.260438929	count	1
CARD9	-1.0124435	0.9426976	-1.074	0.283	-0.260437265	count	1
AC100810.1	-0.2092483	0.1956296	-1.0696	0.285	-0.260396462	count	1
SHISAL2A	-0.1937201	0.1515873	-1.2779	0.201	-0.260324971	count	1
TCP11L2	-0.2028945	0.1753759	-1.1569	0.247	-0.260065483	count	1
PARP9	-0.1943682	0.1418327	-1.3704	0.171	-0.260017447	count	1
AL139289.2	-0.6771034	0.8817953	-0.7679	0.443	-0.260009725	count	1
HIST2H4B	-0.6771034	0.9629748	-0.7031	0.482	-0.260009725	count	1
REL	-0.1827865	0.0557144	-3.2808	0.00105	-0.259961247	count	1
MAT2B	-0.1927383	0.1141916	-1.6879	0.0915	-0.259883583	count	1
ZFYVE19	-0.2421859	0.2798928	-0.8653	0.387	-0.259839409	count	1
FMNL1	-0.1894927	0.0985222	-1.9233	0.0545	-0.259764923	count	1
PKP4	-0.4579122	0.5017199	-0.9127	0.361	-0.259626676	count	1
PPP1R12C	-0.2390912	0.2455968	-0.9735	0.33	-0.259601494	count	1
METTL16	-0.2073715	0.1877471	-1.1045	0.269	-0.259597869	count	1
ZFP69	-0.6757982	0.5659425	-1.1941	0.233	-0.259590639	count	1
AFDN	-0.199382	0.1873017	-1.0645	0.287	-0.259536337	count	1
YIPF1	-0.2450139	0.2631988	-0.9309	0.352	-0.259490324	count	1
FBXL16	-0.2363586	0.2505518	-0.9434	0.346	-0.259474555	count	1

OLA1	-0.1883968	0.1053067	-1.789	0.0737	-0.259472463	count	1
ST7	-0.3476875	0.4757311	-0.7308	0.465	-0.259425646	count	1
MZT2A	-0.1815632	0.0595496	-3.0489	0.00231	-0.259360515	count	1
PIAS3	-0.2295987	0.2935479	-0.7822	0.434	-0.259314728	count	1
FRG1	-0.1854336	0.0932064	-1.9895	0.0467	-0.259246953	count	1
LINC01137	-0.2242593	0.300734	-0.7457	0.456	-0.259184847	count	1
ETFB	-0.183511	0.0843344	-2.176	0.0296	-0.258955718	count	1
ATXN7L1	-0.2443046	0.2387265	-1.0234	0.306	-0.25875412	count	1
ZNF775	-0.2889838	0.4177374	-0.6918	0.489	-0.258705679	count	1
ZNF33A	-0.2209194	0.1468328	-1.5046	0.133	-0.258691535	count	1
ZSWIM9	-0.2476685	0.3907824	-0.6338	0.526	-0.258626952	count	1
MAP9	-0.1926771	0.178059	-1.0821	0.279	-0.258556114	count	1
TMEM200A	-0.228894	0.2621962	-0.873	0.383	-0.258530935	count	1
PRKACB	-0.1898399	0.1075261	-1.7655	0.0776	-0.258522908	count	1
ZNF706	-0.181359	0.0627086	-2.8921	0.00385	-0.258251005	count	1
SEC23IP	-0.2305819	0.251077	-0.9184	0.358	-0.258166998	count	1
OTULINL	-0.1904215	0.1241339	-1.534	0.125	-0.258138688	count	1
MRPS15	-0.186799	0.1093957	-1.7076	0.0878	-0.258076727	count	1
ADD1	-0.1945445	0.1103617	-1.7628	0.078	-0.257936463	count	1
TMEM144	-18.2606301	2992.971879	-0.0061	0.995	-0.257849083	count	1
PLA2G2C	-18.2598327	2431.556712	-0.0075	0.994	-0.257849083	count	1
PKP3	-18.2598327	2431.556712	-0.0075	0.994	-0.257849083	count	1
NTRK2	-18.1992227	2199.433283	-0.0083	0.993	-0.257849083	count	1
TCL1A	-18.1988517	1842.997102	-0.0099	0.992	-0.257849083	count	1
PODXL	-18.0879611	1641.425466	-0.011	0.991	-0.257849083	count	1
ZNRF3	-17.9491926	1540.052544	-0.0117	0.991	-0.257849082	count	1
SERTAD4	-17.84058	2360.735678	-0.0076	0.994	-0.257849082	count	1
AC096667.1	-17.84058	2360.735678	-0.0076	0.994	-0.257849082	count	1
CPB2-AS1	-17.84058	2360.735678	-0.0076	0.994	-0.257849082	count	1
LINC00926	-17.84058	2360.735678	-0.0076	0.994	-0.257849082	count	1
RGMA	-17.84058	2360.735678	-0.0076	0.994	-0.257849082	count	1
AC113615.1	-17.7510294	2437.134916	-0.0073	0.994	-0.257849081	count	1
DDX25	-17.7510294	2437.134916	-0.0073	0.994	-0.257849081	count	1
AC132872.3	-17.7510294	2437.134916	-0.0073	0.994	-0.257849081	count	1
CRYBB2	-17.7510294	2437.134916	-0.0073	0.994	-0.257849081	count	1
MN1	-17.7510294	2437.134916	-0.0073	0.994	-0.257849081	count	1
SUCNR1	-17.6053651	1844.745799	-0.0095	0.992	-0.25784908	count	1
PTGR1	-17.4405459	1889.474313	-0.0092	0.993	-0.257849079	count	1
AC067750.1	-17.4403623	1559.114424	-0.0112	0.991	-0.257849079	count	1
C3orf52	-17.3357695	1799.70082	-0.0096	0.992	-0.257849078	count	1
ANLN	-17.2659414	1843.147255	-0.0094	0.993	-0.257849078	count	1
AC079313.2	-17.2659414	1843.147255	-0.0094	0.993	-0.257849078	count	1
AC025423.4	-17.2659414	1843.147255	-0.0094	0.993	-0.257849078	count	1
CCDC68	-17.2659414	1843.147255	-0.0094	0.993	-0.257849078	count	1
SLC2A9	-17.1513385	1653.652796	-0.0104	0.992	-0.257849077	count	1

1-Mar	-16.9038573	1150.803768	-0.0147	0.988	-0.257849074	count	1
PNMA3	-17.839412	1513.825686	-0.0118	0.991	-0.257848987	count	1
FNBP1L	-17.66867	1583.767542	-0.0112	0.991	-0.257848986	count	1
USP43	-17.594392	2096.898876	-0.0084	0.993	-0.257848986	count	1
AC004156.1	-17.594392	2096.898876	-0.0084	0.993	-0.257848986	count	1
AL157786.1	-17.593277	1705.086262	-0.0103	0.992	-0.257848986	count	1
PDPN	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
TMEM51	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
PIFO	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
KIAA1211L	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC009506.1	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC068196.1	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC098820.3	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
OXTR	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
HDAC11-AS1	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
XCR1	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
RASSF6	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
LINC02100	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC012636.1	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AL035696.3	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AL023581.2	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC236972.3	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
GLDC	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
LCN15	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC084337.2	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AP002990.1	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AP001453.2	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AP001767.3	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
CLUU1OS	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
SKA3	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC004816.2	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
SAMD15	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC087564.1	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC092118.2	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
KCNJ2	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
AC027601.4	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
FCER2	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
C19orf33	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
CABP7	-17.51339	2627.890078	-0.0067	0.995	-0.257848985	count	1
RAB43	-17.306285	1150.418347	-0.015	0.988	-0.257848984	count	1
AC007114.1	-0.4050378	0.6867152	-0.5898	0.555	-0.257827917	count	1
SS18	-0.198585	0.1414224	-1.4042	0.16	-0.257718338	count	1
RPL23	-0.1794424	0.0290505	-6.1769	7.31E-10	-0.257709513	count	1.77E-05
ARID3A	-0.5313144	0.4095277	-1.2974	0.195	-0.25766614	count	1
UBE2Q2	-0.1864656	0.1217496	-1.5316	0.126	-0.257617212	count	1

IRAK1	-0.2036152	0.180391	-1.1287	0.259	-0.257603127	count	1
ZC2HC1A	-0.2716595	0.3710906	-0.7321	0.464	-0.257589972	count	1
CDK4	-0.1917491	0.16594	-1.1555	0.248	-0.257503168	count	1
MALT1	-0.1893589	0.0966293	-1.9596	0.0501	-0.257499859	count	1
ST3GAL3	-0.5308577	0.3982193	-1.3331	0.183	-0.257469982	count	1
AC073332.1	-0.2259917	0.2648011	-0.8534	0.393	-0.257368633	count	1
EPRS	-0.1858142	0.1071829	-1.7336	0.0831	-0.257356749	count	1
TOR1A	-0.19177	0.1543822	-1.2422	0.214	-0.25734381	count	1
TMEM63A	-0.218439	0.1885287	-1.1587	0.247	-0.257336288	count	1
DCAF15	-0.2002627	0.1507165	-1.3287	0.184	-0.257209136	count	1
EIF6	-0.1834602	0.0968341	-1.8946	0.0582	-0.257147159	count	1
EMC9	-0.2079293	0.1930746	-1.0769	0.282	-0.257127164	count	1
MYSM1	-0.2059762	0.1586759	-1.2981	0.194	-0.257126803	count	1
SURF2	-0.1844723	0.1100448	-1.6763	0.0938	-0.257035209	count	1
GSDMD	-0.184068	0.0937004	-1.9644	0.0496	-0.256928791	count	1
TPK1	-0.2046158	0.2324122	-0.8804	0.379	-0.256883722	count	1
STRADA	-0.2025472	0.1915627	-1.0573	0.29	-0.256869726	count	1
HARBI1	-0.3690763	0.6259767	-0.5896	0.555	-0.256767686	count	1
RCC2	-0.2124913	0.2086838	-1.0182	0.309	-0.256764501	count	1
NABP1	-0.1909859	0.1052296	-1.8149	0.0696	-0.256665284	count	1
ADSS	-0.1860249	0.0912537	-2.0385	0.0416	-0.25666141	count	1
PPP2R2D	-0.1962747	0.1372658	-1.4299	0.153	-0.2566042	count	1
CASP3	-0.1879263	0.1110983	-1.6915	0.0908	-0.256275563	count	1
OFD1	-0.1836739	0.0873299	-2.1032	0.0355	-0.256095715	count	1
SMIM19	-0.1829084	0.1032257	-1.7719	0.0765	-0.25609479	count	1
ALDH1B1	-0.6647725	0.9004193	-0.7383	0.46	-0.256037433	count	1
AP000866.2	-0.6647725	0.9870086	-0.6735	0.501	-0.256037433	count	1
AC015967.1	-0.6647725	1.2198765	-0.545	0.586	-0.256037433	count	1
ANAPC1	-0.2023655	0.1902086	-1.0639	0.287	-0.256034046	count	1
UBALD1	-0.2184982	0.2306303	-0.9474	0.344	-0.255891986	count	1
SUMO4	-0.4015545	0.2745802	-1.4624	0.144	-0.255768613	count	1
APBB3	-0.4015472	0.4423279	-0.9078	0.364	-0.255764293	count	1
MAGT1	-0.200746	0.1637385	-1.226	0.22	-0.25574703	count	1
TXN	-0.178519	0.0501033	-3.563	0.000372	-0.25569644	count	1
PARP1	-0.182533	0.0842266	-2.1672	0.0303	-0.255665513	count	1
WDR47	-0.2695643	0.2618659	-1.0294	0.303	-0.255659994	count	1
CAPN1	-0.1881167	0.1350791	-1.3926	0.164	-0.255561092	count	1
GLYR1	-0.2262007	0.1870993	-1.209	0.227	-0.255534601	count	1
RPS20	-0.1777027	0.0232342	-7.6483	2.63E-14	-0.25551421	count	6.38E-10
S100A10	-0.1773573	0.0375379	-4.7247	2.40E-06	-0.255481732	count	0.0577872
CDK2	-0.342005	0.4055561	-0.8433	0.399	-0.255405566	count	1
LRRC34	-0.9850194	0.9308941	-1.0581	0.29	-0.255311617	count	1
SETD1B	-0.2409323	0.2812488	-0.8567	0.392	-0.255252589	count	1
TMPO-AS1	-0.34177	0.4717413	-0.7245	0.469	-0.255239139	count	1
MAPKAPK2	-0.2011755	0.1300896	-1.5464	0.122	-0.255143	count	1

CPOX	-0.2689963	0.2759951	-0.9746	0.33	-0.25513662	count	1
N4BP2	-0.2101607	0.1620304	-1.297	0.195	-0.2550667	count	1
NDUFS6	-0.1805808	0.0778349	-2.32	0.0204	-0.25502859	count	1
HAGH	-0.1828785	0.0941939	-1.9415	0.0523	-0.254818682	count	1
DTNB	-0.2686215	0.2773499	-0.9685	0.333	-0.254791236	count	1
IDH3A	-0.2067294	0.1969435	-1.0497	0.294	-0.254790763	count	1
TEX10	-0.2567955	0.3150479	-0.8151	0.415	-0.254746719	count	1
ZFX	-0.1898077	0.1263019	-1.5028	0.133	-0.254721095	count	1
ALOX5AP	-0.1776444	0.0519311	-3.4208	0.000632	-0.254709223	count	1
S100A6	-0.1768147	0.0314073	-5.6297	1.95E-08	-0.254685228	count	0.000471335
SCMH1	-0.3996726	0.3569795	-1.1196	0.263	-0.25465482	count	1
DDX59	-0.1932296	0.1598621	-1.2087	0.227	-0.254553051	count	1
GPR89A	-0.365662	0.29762	-1.2286	0.219	-0.254534122	count	1
ZC3H14	-0.2001461	0.1667394	-1.2004	0.23	-0.254427105	count	1
GPBP1	-0.1791649	0.052895	-3.3872	0.000714	-0.254334712	count	1
NMRAL1	-0.1876035	0.1278557	-1.4673	0.142	-0.254331655	count	1
JARID2	-0.2250375	0.1521525	-1.479	0.139	-0.254240158	count	1
ARF6	-0.1784145	0.0542726	-3.2874	0.001	-0.254024108	count	1
TMEM50A	-0.1771066	0.0487709	-3.6314	0.000286	-0.25376098	count	1
CCT2	-0.17943	0.073781	-2.4319	0.0151	-0.253739538	count	1
GCN1	-0.3395965	0.3778284	-0.8988	0.369	-0.253699289	count	1
MYCBP2	-0.178547	0.0619273	-2.8832	0.00396	-0.253522562	count	1
TIPIN	-0.2088656	0.2472899	-0.8446	0.398	-0.253510726	count	1
PER1	-0.2079219	0.12455	-1.6694	0.0951	-0.253407183	count	1
HDGFL2	-0.190208	0.1509196	-1.2603	0.208	-0.253405298	count	1
TMEM192	-0.2284008	0.2643899	-0.8639	0.388	-0.253401908	count	1
NFAT5	-0.2137902	0.1611162	-1.3269	0.185	-0.253330792	count	1
SLC38A7	-0.5211537	0.6038526	-0.863	0.388	-0.253290956	count	1
AP1S3	-0.3047358	0.4976037	-0.6124	0.54	-0.253071925	count	1
PSMD13	-0.1813212	0.0875871	-2.0702	0.0385	-0.252983689	count	1
HLA-DPB1	-0.1763313	0.0593974	-2.9687	0.00301	-0.252853758	count	1
MRPS11	-0.1883688	0.1449599	-1.2995	0.194	-0.252797778	count	1
NUPL2	-0.193071	0.1558844	-1.2386	0.216	-0.252777083	count	1
FUT8	-0.2030724	0.1636828	-1.2406	0.215	-0.252776151	count	1
NDUFS5	-0.1764765	0.0457798	-3.8549	0.000118	-0.252678624	count	1
RAB40B	-0.3192197	0.3766682	-0.8475	0.397	-0.252672784	count	1
TSPO	-0.1762466	0.0486302	-3.6242	0.000294	-0.252494976	count	1
ATP6V0D1	-0.1823933	0.1162663	-1.5688	0.117	-0.252325678	count	1
NFKB1	-0.1946911	0.1157123	-1.6825	0.0926	-0.252293172	count	1
PLD2	-0.9688151	0.6778389	-1.4293	0.153	-0.252235687	count	1
DGLUCY	-0.225144	0.2032808	-1.1076	0.268	-0.252172351	count	1
MB21D2	-0.3373064	0.54391	-0.6202	0.535	-0.252075568	count	1
PRDM15	-0.253919	0.4777897	-0.5314	0.595	-0.251962763	count	1
OPA1	-0.2150513	0.2046929	-1.0506	0.294	-0.251904965	count	1
BST1	-0.3615008	0.9131163	-0.3959	0.692	-0.251808135	count	1

CARD11	-0.2177105	0.2008966	-1.0837	0.279	-0.251716146	count	1
ADTRP	-0.2227479	0.2640076	-0.8437	0.399	-0.251691577	count	1
KLHDC10	-0.2446109	0.3095506	-0.7902	0.429	-0.25164582	count	1
MMRN2	-0.9654044	1.250416	-0.7721	0.44	-0.251583768	count	1
TRIM45	-0.9654044	1.4393098	-0.6707	0.502	-0.251583768	count	1
MNX1	-0.9654044	1.4393098	-0.6707	0.502	-0.251583768	count	1
DNAH10	-0.9654044	1.4393098	-0.6707	0.502	-0.251583768	count	1
USP16	-0.1791222	0.0741932	-2.4143	0.0158	-0.2515176	count	1
CEP57	-0.1846393	0.0954869	-1.9337	0.0532	-0.251462933	count	1
HMGN1	-0.1754786	0.0449844	-3.9009	9.77E-05	-0.251403771	count	1
RHNO1	-0.1922378	0.1800563	-1.0677	0.286	-0.251355291	count	1
GPD2	-0.4419316	0.4703472	-0.9396	0.347	-0.251344203	count	1
ATP6V1D	-0.1853405	0.1196997	-1.5484	0.122	-0.251274097	count	1
KISS1R	-0.4417121	0.5517588	-0.8006	0.423	-0.251230028	count	1
GZMA	-0.174309	0.042538	-4.0977	4.27E-05	-0.251107534	count	1
FKBP3	-0.1820331	0.1181294	-1.541	0.123	-0.251024946	count	1
PKD2	-0.3356784	0.3782106	-0.8875	0.375	-0.250920519	count	1
LINC00665	-0.2796447	0.4088136	-0.684	0.494	-0.25061979	count	1
DLG4	-0.6477936	0.8519447	-0.7604	0.447	-0.250520644	count	1
AC114490.2	-0.6477936	0.9351257	-0.6927	0.489	-0.250520644	count	1
ZBED5	-0.2063417	0.1762943	-1.1704	0.242	-0.250477808	count	1
MBOAT1	-0.3593729	0.3141711	-1.1439	0.253	-0.250412538	count	1
OSBPL2	-0.2124529	0.2179455	-0.9748	0.33	-0.250367919	count	1
ACAT2	-0.1846698	0.1161255	-1.5903	0.112	-0.2502308	count	1
STN1	-0.181166	0.1124264	-1.6114	0.107	-0.249903242	count	1
QPRT	-0.6457324	0.6090547	-1.0602	0.289	-0.249847205	count	1
CCDC74A	-0.5130146	0.7921003	-0.6477	0.517	-0.249769963	count	1
PPP6C	-0.1818849	0.1214363	-1.4978	0.134	-0.249544058	count	1
CISD2	-0.1804428	0.114517	-1.5757	0.115	-0.249508418	count	1
UBA1	-0.2248176	0.2507386	-0.8966	0.37	-0.24948947	count	1
TIMM17A	-0.18454	0.1283838	-1.4374	0.151	-0.24948348	count	1
SLC4A7	-0.1820617	0.1184509	-1.537	0.124	-0.249326633	count	1
HEATR6	-0.2053693	0.2560067	-0.8022	0.422	-0.249309077	count	1
STK17B	-0.1738436	0.0380543	-4.5683	5.09E-06	-0.249287601	count	0.12244504
GATAD2A	-0.1943716	0.1398429	-1.3899	0.165	-0.249212822	count	1
EFNA1	-0.2998472	0.5734598	-0.5229	0.601	-0.249172539	count	1
RUFY3	-0.2462872	0.3040176	-0.8101	0.418	-0.249131205	count	1
TPO	-0.9523077	1.0634043	-0.8955	0.371	-0.249065866	count	1
ESAM	-0.9523077	1.221902	-0.7794	0.436	-0.249065866	count	1
GINS1	-0.9523077	1.221902	-0.7794	0.436	-0.249065866	count	1
TESC	-0.1820128	0.1634492	-1.1136	0.266	-0.248868197	count	1
RPS10	-0.1733752	0.0326924	-5.3032	1.21E-07	-0.248810237	count	0.002920819
DDX56	-0.1991665	0.1892751	-1.0523	0.293	-0.248695218	count	1
B3GAT2	-0.2414606	0.2927196	-0.8249	0.409	-0.248473665	count	1
HEMK1	-0.2377235	0.2753265	-0.8634	0.388	-0.248450854	count	1

ENC1	-0.2094683	0.2121927	-0.9872	0.324	-0.248267789	count	1
FGFBP3	-0.2554059	0.3411154	-0.7487	0.454	-0.248240125	count	1
TPM3	-0.1728992	0.0354157	-4.882	1.10E-06	-0.248236395	count	0.0265144
SLC23A3	-0.5091635	0.9512103	-0.5353	0.592	-0.248098943	count	1
ZMPSTE24	-0.1934374	0.1749855	-1.1054	0.269	-0.248022836	count	1
LTA	-0.1805411	0.2052874	-0.8795	0.379	-0.24796373	count	1
TMC8	-0.1871537	0.1286858	-1.4543	0.146	-0.247931859	count	1
PTPN2	-0.1757825	0.0821916	-2.1387	0.0325	-0.247922832	count	1
COX14	-0.1753633	0.0694607	-2.5246	0.0116	-0.247821765	count	1
ITPR2	-0.1953464	0.1451177	-1.3461	0.178	-0.247803059	count	1
NCKAP1L	-0.1874896	0.1341684	-1.3974	0.162	-0.247586281	count	1
TPCN1	-0.3124358	0.3655163	-0.8548	0.393	-0.247538842	count	1
EPN1	-0.1994475	0.2004568	-0.995	0.32	-0.247530643	count	1
RPP30	-0.1865919	0.1526204	-1.2226	0.222	-0.24744069	count	1
ARRDC1	-0.1840944	0.1253584	-1.4685	0.142	-0.247439082	count	1
TNFAIP1	-0.2545572	0.3192136	-0.7975	0.425	-0.247436258	count	1
ISCA1	-0.1762655	0.0810428	-2.175	0.0297	-0.247247068	count	1
MYNN	-0.1901486	0.1651098	-1.1516	0.25	-0.247214135	count	1
USP9X	-0.1958095	0.1659479	-1.1799	0.238	-0.247192934	count	1
CBWD1	-0.1973715	0.1858532	-1.062	0.288	-0.24717849	count	1
VEGFA	-0.4338088	0.5133907	-0.845	0.398	-0.247111397	count	1
TMEM70	-0.1794993	0.1036524	-1.7317	0.0834	-0.247097313	count	1
MDN1	-0.2541516	0.2491598	-1.02	0.308	-0.247052033	count	1
RBBP6	-0.1768884	0.0995037	-1.7777	0.0755	-0.247036314	count	1
RAB5IF	-0.1766171	0.0942745	-1.8734	0.0611	-0.246975304	count	1
STK38L	-0.2051849	0.2265214	-0.9058	0.365	-0.246913694	count	1
POP7	-0.1790394	0.1256192	-1.4253	0.154	-0.246906442	count	1
NUP153	-0.1914673	0.1620568	-1.1815	0.237	-0.2468853	count	1
ARPC2	-0.1715125	0.0311392	-5.5079	3.90E-08	-0.246848515	count	0.00094224
TMEM246	-0.9404613	1.0040286	-0.9367	0.349	-0.246768306	count	1
CD2	-0.1714145	0.0335074	-5.1157	3.30E-07	-0.246706287	count	0.00796191
SIRPG	-0.1827962	0.1411159	-1.2954	0.195	-0.246682399	count	1
CETN2	-0.214722	0.2473188	-0.8682	0.385	-0.24655935	count	1
PPM1G	-0.173386	0.0702908	-2.4667	0.0137	-0.246484848	count	1
FAM3C	-0.1854488	0.1621323	-1.1438	0.253	-0.246174149	count	1
POLR2I	-0.1777932	0.1036267	-1.7157	0.0863	-0.246096039	count	1
CD151	-0.1866831	0.1724141	-1.0828	0.279	-0.24597119	count	1
AC020928.1	-0.2742852	0.4200147	-0.653	0.514	-0.245970486	count	1
PSMC2	-0.1773998	0.1078069	-1.6455	0.1	-0.245784509	count	1
MGAT5	-0.1973542	0.1787061	-1.1044	0.27	-0.245716718	count	1
FAM120A	-0.184548	0.1476382	-1.25	0.211	-0.24545031	count	1
AL121832.2	-0.9332744	0.7825626	-1.1926	0.233	-0.24536514	count	1
CUL1	-0.1881174	0.1474123	-1.2761	0.202	-0.245311297	count	1
TTL	-0.2312692	0.3149351	-0.7343	0.463	-0.245207332	count	1
SQOR	-0.1776632	0.114746	-1.5483	0.122	-0.245151606	count	1

TXNDC17	-0.1746109	0.0934487	-1.8685	0.0618	-0.245036891	count	1
CENPH	-0.2280538	0.2635844	-0.8652	0.387	-0.244948076	count	1
KCNK12	-0.327154	0.4432525	-0.7381	0.461	-0.244862019	count	1
ATP6V0E2	-0.1791007	0.1093073	-1.6385	0.101	-0.24479783	count	1
SOX12	-0.2576352	0.4185987	-0.6155	0.538	-0.244653369	count	1
ABCC10	-0.2129372	0.3149831	-0.676	0.499	-0.244536943	count	1
KLHL42	-0.2224914	0.2785379	-0.7988	0.424	-0.244498217	count	1
NUDT1	-0.174967	0.1105614	-1.5825	0.114	-0.24442945	count	1
JMJD1C	-0.1744595	0.0725783	-2.4037	0.0163	-0.244374638	count	1
TRMT11	-0.1981942	0.1625819	-1.219	0.223	-0.24436327	count	1
CCDC12	-0.1723299	0.0768766	-2.2416	0.025	-0.244277553	count	1
NELL2	-0.2049115	0.1761288	-1.1634	0.245	-0.244206485	count	1
ZNF565	-0.5001554	0.5218183	-0.9585	0.338	-0.244177584	count	1
EXOC6	-0.1929024	0.1792518	-1.0762	0.282	-0.244147225	count	1
LINC00672	-0.5000849	0.4973941	-1.0054	0.315	-0.244146831	count	1
EHBP1	-0.2245867	0.248387	-0.9042	0.366	-0.244119876	count	1
AC090061.1	-0.2245056	0.5219222	-0.4302	0.667	-0.244033208	count	1
HDAC1	-0.175381	0.0966869	-1.8139	0.0698	-0.244000588	count	1
BCCIP	-0.1837945	0.1390105	-1.3222	0.186	-0.243987857	count	1
CLIP1	-0.1786786	0.1121967	-1.5925	0.111	-0.243914718	count	1
FOXP1	-0.1740352	0.0746491	-2.3314	0.0198	-0.243810977	count	1
LINC00342	-0.6270976	0.557249	-1.1253	0.261	-0.243722109	count	1
RIOK2	-0.1934369	0.1475441	-1.311	0.19	-0.243598968	count	1
AC079922.2	-0.2240361	0.353277	-0.6342	0.526	-0.243531444	count	1
CYP2R1	-0.2172759	0.2789362	-0.7789	0.436	-0.243489945	count	1
SCAF11	-0.1721872	0.0631823	-2.7252	0.00646	-0.243466352	count	1
CCDC71L	-0.1863788	0.1463302	-1.2737	0.203	-0.243400121	count	1
ZBTB18	-0.3069705	0.3908831	-0.7853	0.432	-0.243394755	count	1
RIPK2	-0.194258	0.1510459	-1.2861	0.199	-0.243309477	count	1
LANCL3	-0.6258476	0.7378683	-0.8482	0.396	-0.243308879	count	1
ENTPD1-AS1	-0.2449855	0.3375407	-0.7258	0.468	-0.243305749	count	1
AAK1	-0.1727654	0.0719959	-2.3997	0.0165	-0.243215962	count	1
GYPC	-0.1696171	0.049887	-3.4	0.000682	-0.243035268	count	1
KIZ	-0.2130015	0.1910144	-1.1151	0.265	-0.242776718	count	1
TRABD	-0.1734837	0.0864367	-2.0071	0.0448	-0.24263378	count	1
KIAA1143	-0.1817189	0.1448301	-1.2547	0.21	-0.242564011	count	1
LUC7L2	-0.1802723	0.1135085	-1.5882	0.112	-0.242489798	count	1
SLC38A5	-0.2394443	0.3522207	-0.6798	0.497	-0.242360667	count	1
SNRNP27	-0.1780847	0.124244	-1.4333	0.152	-0.242333394	count	1
FARSB	-0.2067253	0.2337679	-0.8843	0.377	-0.242267115	count	1
NUDT15	-0.1896795	0.1751058	-1.0832	0.279	-0.24225638	count	1
MROH6	-0.4956784	0.7910285	-0.6266	0.531	-0.2422221	count	1
C1orf198	-0.4956784	0.8277804	-0.5988	0.549	-0.2422221	count	1
AL445524.1	-0.3785023	0.5160901	-0.7334	0.463	-0.242066462	count	1
TNS4	-0.6220634	0.7901959	-0.7872	0.431	-0.242056081	count	1

QTRT2	-0.2282177	0.229764	-0.9933	0.321	-0.242031512	count	1
VPS8	-0.2390619	0.2386378	-1.0018	0.317	-0.241982033	count	1
ETFBKMT	-0.4946998	0.5332329	-0.9277	0.354	-0.241794084	count	1
EPSTI1	-0.1751894	0.1496603	-1.1706	0.242	-0.241678064	count	1
DHPS	-0.1751811	0.1035345	-1.692	0.0907	-0.241666641	count	1
VGLL4	-0.1834981	0.1448769	-1.2666	0.205	-0.241512066	count	1
DDX3X	-0.1702676	0.0552709	-3.0806	0.00208	-0.241499726	count	1
ELOVL4	-0.268935	0.4080287	-0.6591	0.51	-0.241322733	count	1
ALAS1	-0.1893317	0.1948184	-0.9718	0.331	-0.24130265	count	1
TMOD1	-0.6197802	0.7467501	-0.83	0.407	-0.241298899	count	1
IMPDH2	-0.1783485	0.1201501	-1.4844	0.138	-0.241282925	count	1
CAMSAP2	-0.6193775	0.839424	-0.7379	0.461	-0.24116525	count	1
DGUOK	-0.1718204	0.0777867	-2.2089	0.0273	-0.241100321	count	1
AP3B1	-0.1804408	0.12773	-1.4127	0.158	-0.241067282	count	1
VPS4B	-0.1730431	0.0844956	-2.048	0.0406	-0.241056057	count	1
SUMO1	-0.1694335	0.0612074	-2.7682	0.00567	-0.241031797	count	1
SPICE1	-0.2168965	0.3399179	-0.6381	0.523	-0.240832791	count	1
KPNA4	-0.1760937	0.1067024	-1.6503	0.099	-0.240797322	count	1
UBQLN4	-0.2893531	0.3603386	-0.803	0.422	-0.240782814	count	1
PHF6	-0.176638	0.1562889	-1.1302	0.258	-0.240709376	count	1
CPNE3	-0.1717201	0.0896828	-1.9147	0.0556	-0.240659183	count	1
CD79A	-0.9090093	0.6080443	-1.495	0.135	-0.240575468	count	1
MRPS2	-0.181192	0.1498981	-1.2088	0.227	-0.240548053	count	1
HIST1H2BG	-0.9084613	0.7691366	-1.1811	0.238	-0.240466366	count	1
RPS11	-0.1671862	0.0242803	-6.8857	6.82E-12	-0.240415953	count	1.65E-07
FKBP5	-0.1764372	0.0729165	-2.4197	0.0156	-0.240325554	count	1
ITPR3	-0.2596326	0.2937621	-0.8838	0.377	-0.240189535	count	1
TET1	-0.4908279	0.5484448	-0.8949	0.371	-0.240098563	count	1
NELFE	-0.1772351	0.1358667	-1.3045	0.192	-0.240055731	count	1
SOD1	-0.1675581	0.0419101	-3.998	6.52E-05	-0.23999908	count	1
SLC25A32	-0.1873614	0.1694956	-1.1054	0.269	-0.239805696	count	1
RBBP4	-0.1737793	0.1004012	-1.7308	0.0836	-0.239804509	count	1
RNF141	-0.2411737	0.2813467	-0.8572	0.391	-0.239606909	count	1
COG3	-0.2179481	0.2725994	-0.7995	0.424	-0.239584231	count	1
FBXW9	-0.6145603	0.6665146	-0.9221	0.357	-0.239564075	count	1
CLCF1	-0.2020266	0.2196918	-0.9196	0.358	-0.239543874	count	1
ZBTB45	-0.2118121	0.4098851	-0.5168	0.605	-0.239507006	count	1
MAP3K1	-0.206991	0.1870251	-1.1068	0.268	-0.239476727	count	1
SFPQ	-0.1679425	0.0468088	-3.5878	0.000338	-0.239439536	count	1
ZNF853	-0.2761772	0.5658621	-0.4881	0.626	-0.239387422	count	1
LPP	-0.1882271	0.1584454	-1.188	0.235	-0.239377886	count	1
GALNS	-0.2518546	0.2706481	-0.9306	0.352	-0.239308678	count	1
GAN	-0.2458294	0.2611446	-0.9414	0.347	-0.239160706	count	1
SPPL3	-0.1879407	0.1741198	-1.0794	0.28	-0.239016098	count	1
GMPS	-0.1746042	0.1187511	-1.4703	0.142	-0.238861877	count	1

RASGRP1	-0.1800981	0.10806	-1.6666	0.0957	-0.23862633	count	1
ZNF318	-0.2076021	0.2876871	-0.7216	0.471	-0.238488649	count	1
TIMM21	-0.2749906	0.3318447	-0.8287	0.407	-0.238393584	count	1
SLC19A1	-0.417086	0.4786391	-0.8714	0.384	-0.238348679	count	1
TTC39B	-0.1841609	0.162253	-1.135	0.256	-0.238334498	count	1
XPC	-0.1765676	0.1345675	-1.3121	0.19	-0.238305729	count	1
CCDC88C	-0.1723442	0.0931907	-1.8494	0.0645	-0.238273504	count	1
UNC119B	-0.3721495	0.4968385	-0.749	0.454	-0.238267933	count	1
DCST1-AS1	-0.89705	0.8990631	-0.9978	0.318	-0.238185079	count	1
WDR36	-0.195885	0.2052615	-0.9543	0.34	-0.237903554	count	1
TWF2	-0.1687766	0.0826536	-2.042	0.0412	-0.237782812	count	1
TIAM2	-0.2443729	0.3782436	-0.6461	0.518	-0.237778116	count	1
HELB	-0.1775416	0.0999496	-1.7763	0.0758	-0.237595071	count	1
SSRP1	-0.1863761	0.1677063	-1.1113	0.267	-0.237560361	count	1
KIF3B	-0.1896056	0.2119945	-0.8944	0.371	-0.237526168	count	1
ATXN10	-0.1717228	0.1037167	-1.6557	0.0979	-0.237476589	count	1
LARS	-0.1721557	0.0992392	-1.7348	0.0829	-0.237435008	count	1
UGP2	-0.1702698	0.0680272	-2.503	0.0124	-0.237399603	count	1
CACNA2D4	-0.1918358	0.2720106	-0.7053	0.481	-0.237390578	count	1
ABL1	-0.6078762	0.3993406	-1.5222	0.128	-0.237335075	count	1
EVI5L	-0.607239	0.6095212	-0.9963	0.319	-0.23712214	count	1
GGCX	-0.2134527	0.2064365	-1.034	0.301	-0.237065868	count	1
EHBP1L1	-0.1929014	0.1938366	-0.9952	0.32	-0.237053576	count	1
GFM1	-0.1951508	0.2003871	-0.9739	0.33	-0.237020155	count	1
CSTB	-0.1651617	0.0544448	-3.0336	0.00244	-0.23687979	count	1
SETDB1	-0.2094529	0.3392661	-0.6174	0.537	-0.236875869	count	1
TOB2	-0.1782335	0.1271615	-1.4016	0.161	-0.236864608	count	1
GYG1	-0.1676674	0.1012221	-1.6564	0.0977	-0.236840717	count	1
DIP2C	-0.8903462	0.9652758	-0.9224	0.356	-0.236836507	count	1
CLDN15	-0.8901061	0.47117	-1.8891	0.059	-0.236788188	count	1
AC016575.1	-0.3386496	0.8204444	-0.4128	0.68	-0.236763227	count	1
INTS9	-0.2981918	0.4102332	-0.7269	0.467	-0.236723295	count	1
AC008105.3	-0.184154	0.1645507	-1.1191	0.263	-0.236645845	count	1
IGHMBP2	-0.369373	0.3676448	-1.0047	0.315	-0.236604752	count	1
NKRF	-0.2296178	0.1991282	-1.1531	0.249	-0.236531279	count	1
RTL5	-0.3691788	0.6617571	-0.5579	0.577	-0.236488345	count	1
LRRC58	-0.2027462	0.2353357	-0.8615	0.389	-0.236182163	count	1
PDK4	-0.886914	0.6672692	-1.3292	0.184	-0.236143759	count	1
TMEM87A	-0.1735285	0.1133309	-1.5312	0.126	-0.236037342	count	1
SLC25A19	-0.2195287	0.2595838	-0.8457	0.398	-0.235947317	count	1
TMEM165	-0.1687258	0.0928916	-1.8164	0.0694	-0.235925083	count	1
DTHD1	-0.1773235	0.1452724	-1.2206	0.222	-0.235881611	count	1
IQC�	-0.3372999	0.6033301	-0.5591	0.576	-0.235870656	count	1
AC087645.2	-0.3680373	0.8663821	-0.4248	0.671	-0.235803989	count	1
GRN	-0.1770188	0.1905487	-0.929	0.353	-0.235477963	count	1

TMED3	-0.1747708	0.1335624	-1.3085	0.191	-0.235433666	count	1
PSMB1	-0.1646132	0.0534108	-3.082	0.00207	-0.23542244	count	1
CEP41	-0.2249906	0.3688183	-0.61	0.542	-0.235394355	count	1
SPATA2	-0.2417517	0.268361	-0.9008	0.368	-0.235288806	count	1
MRPL51	-0.1668811	0.0852068	-1.9585	0.0502	-0.235261021	count	1
CUL3	-0.1778532	0.1288776	-1.38	0.168	-0.235173205	count	1
RIT1	-0.171728	0.1160676	-1.4796	0.139	-0.23512187	count	1
AHNAK	-0.16499	0.0636427	-2.5924	0.0096	-0.234973617	count	1
COPB1	-0.1686561	0.091218	-1.8489	0.0646	-0.234955398	count	1
TTC19	-0.182649	0.1246167	-1.4657	0.143	-0.234723432	count	1
IGFBP3	-0.2074904	0.2463758	-0.8422	0.4	-0.234686473	count	1
NAGPA	-0.1872213	0.2032446	-0.9212	0.357	-0.234561381	count	1
FAM114A2	-0.1988149	0.2128541	-0.934	0.35	-0.234472864	count	1
LAPTM5	-0.1634373	0.0415098	-3.9373	8.41E-05	-0.234362325	count	1
SLC29A1	-0.4776673	0.7821577	-0.6107	0.541	-0.234311069	count	1
NANP	-0.2700972	0.4208568	-0.6418	0.521	-0.234291689	count	1
RNF13	-0.1687849	0.1029263	-1.6399	0.101	-0.234083051	count	1
UBAP2L	-0.1811249	0.2059417	-0.8795	0.379	-0.23403282	count	1
EAPP	-0.1655008	0.0803987	-2.0585	0.0396	-0.233812639	count	1
GALNT8	-0.8753956	1.0031949	-0.8726	0.383	-0.233806551	count	1
BX537318.1	-0.8753956	1.0031949	-0.8726	0.383	-0.233806551	count	1
ECHDC3	-0.8753956	1.1590281	-0.7553	0.45	-0.233806551	count	1
SSSCA1	-0.1676664	0.129509	-1.2946	0.196	-0.233619154	count	1
FMNL3	-0.2065201	0.2618574	-0.7887	0.43	-0.23360376	count	1
ERP27	-0.3113667	0.457333	-0.6808	0.496	-0.233595194	count	1
MAP1LC3B2	-0.3110463	0.4175082	-0.745	0.456	-0.233365926	count	1
H2AFY	-0.1657638	0.0850941	-1.948	0.0515	-0.23305953	count	1
TMEM189	-0.180004	0.2205001	-0.8163	0.414	-0.232984668	count	1
PCNX1	-0.1763404	0.1364196	-1.2926	0.196	-0.232929345	count	1
ATAD2B	-0.180533	0.1500609	-1.2031	0.229	-0.232450208	count	1
CISD3	-0.1646516	0.1030668	-1.5975	0.11	-0.232323453	count	1
RAB35	-0.1948032	0.1563282	-1.2461	0.213	-0.232282744	count	1
HIST1H2AL	-0.4728371	0.4543643	-1.0407	0.298	-0.232177499	count	1
RPGRIP1L	-0.4726535	0.519656	-0.9096	0.363	-0.23209631	count	1
RRS1	-0.1773513	0.1425474	-1.2442	0.214	-0.231987975	count	1
ACAA1	-0.1705274	0.1185609	-1.4383	0.15	-0.231967068	count	1
ZNF25	-0.2581511	0.3502965	-0.737	0.461	-0.231935063	count	1
BRCC3	-0.1934587	0.1919552	-1.0078	0.314	-0.231844082	count	1
TMEM263	-0.1688306	0.121795	-1.3862	0.166	-0.231839776	count	1
CTDP1	-0.2156182	0.191594	-1.1254	0.261	-0.231814224	count	1
NDUFA2	-0.164018	0.0757414	-2.1655	0.0304	-0.23180477	count	1
DUSP16	-0.1860738	0.2069934	-0.8989	0.369	-0.231779646	count	1
CCND2	-0.1636182	0.0675501	-2.4222	0.0155	-0.231587524	count	1
USP31	-0.8643989	0.4944889	-1.7481	0.0805	-0.231558173	count	1
RPIA	-0.1703947	0.1286976	-1.324	0.186	-0.231557105	count	1

S100PBP	-0.1847908	0.1925803	-0.9596	0.337	-0.231538512	count	1
GNG10	-0.4713851	0.5878147	-0.8019	0.423	-0.231535141	count	1
GEMIN8	-0.1986787	0.2546742	-0.7801	0.435	-0.231498436	count	1
ZNF577	-0.2245668	0.4864122	-0.4617	0.644	-0.231429477	count	1
SLC30A6	-0.2327473	0.3307513	-0.7037	0.482	-0.231419658	count	1
FAM222B	-0.3604623	0.3607895	-0.9991	0.318	-0.231254626	count	1
EIF2S1	-0.168689	0.1063426	-1.5863	0.113	-0.231147388	count	1
NCBP2-AS2	-0.1672718	0.1291832	-1.2948	0.195	-0.230971017	count	1
CLK4	-0.1731404	0.1329639	-1.3022	0.193	-0.23095956	count	1
RHOG	-0.162342	0.0649732	-2.4986	0.0125	-0.230943995	count	1
TRIP10	-0.3297912	0.4128923	-0.7987	0.425	-0.230897039	count	1
HTATSF1	-0.1681186	0.1030578	-1.6313	0.103	-0.230864412	count	1
DIS3L2	-0.1899984	0.2334893	-0.8137	0.416	-0.230818789	count	1
CWF19L2	-0.1664939	0.099264	-1.6773	0.0936	-0.230809255	count	1
BOLA3	-0.1669192	0.1170869	-1.4256	0.154	-0.230788785	count	1
SLU7	-0.1670168	0.0994879	-1.6788	0.0933	-0.230743359	count	1
KCTD9	-0.2238779	0.2704104	-0.8279	0.408	-0.230733266	count	1
DCTN6	-0.1719983	0.1027608	-1.6738	0.0943	-0.230562711	count	1
SPAG1	-0.2020659	0.2327351	-0.8682	0.385	-0.230471996	count	1
RBM4	-0.1733283	0.131488	-1.3182	0.188	-0.230372442	count	1
IDI1	-0.1633475	0.072421	-2.2555	0.0242	-0.23037036	count	1
FNBP1	-0.1636972	0.0736968	-2.2212	0.0264	-0.230325544	count	1
STYK1	-0.3067736	0.507126	-0.6049	0.545	-0.230306018	count	1
COL4A3BP	-0.1781867	0.1589964	-1.1207	0.262	-0.230257476	count	1
CALM3	-0.1618488	0.0700997	-2.3088	0.021	-0.230177358	count	1
MRPS22	-0.1723097	0.1302543	-1.3229	0.186	-0.230052733	count	1
PCOLCE	-0.2417371	0.4491452	-0.5382	0.59	-0.229936808	count	1
AKT3	-0.1722602	0.1539072	-1.1192	0.263	-0.229789975	count	1
ANO10	-0.3281218	0.3391914	-0.9674	0.333	-0.229789443	count	1
SLAIN1	-0.2556751	0.2726219	-0.9378	0.348	-0.22977595	count	1
NCK2	-0.1660148	0.078963	-2.1024	0.0356	-0.229769923	count	1
POLR3G	-0.8555476	0.7219962	-1.185	0.236	-0.229736039	count	1
TPH1	-0.8555476	0.7498446	-1.141	0.254	-0.229736039	count	1
AC231981.1	-0.2646572	0.4996731	-0.5297	0.596	-0.229725159	count	1
MBD2	-0.1631461	0.0752804	-2.1672	0.0303	-0.229709359	count	1
PLEKHB1	-0.1849258	0.2292758	-0.8066	0.42	-0.229648019	count	1
PDE12	-0.1906576	0.1997038	-0.9547	0.34	-0.229598386	count	1
LMTK2	-0.2225347	0.2980752	-0.7466	0.455	-0.229375547	count	1
ARNTL2	-0.8533108	0.9076949	-0.9401	0.347	-0.22927386	count	1
DGKE	-0.1779909	0.1534522	-1.1599	0.246	-0.22919579	count	1
RMND1	-0.1870891	0.2417806	-0.7738	0.439	-0.229123026	count	1
ZNF140	-0.1942216	0.2321773	-0.8365	0.403	-0.229113444	count	1
WWP1	-0.1710073	0.1201955	-1.4227	0.155	-0.229062781	count	1
ADAT2	-0.4655383	0.3575272	-1.3021	0.193	-0.228943913	count	1
KNOP1	-0.1721942	0.1864357	-0.9236	0.356	-0.228871195	count	1

HIVEP1	-0.2348711	0.1884468	-1.2464	0.213	-0.228747568	count	1
TKFC	-0.2469195	0.3281621	-0.7524	0.452	-0.228746264	count	1
POU2F1	-0.2634749	0.31524	-0.8358	0.403	-0.2287318	count	1
FZD7	-0.3562651	0.8137765	-0.4378	0.662	-0.228728019	count	1
MLH1	-0.1860599	0.2100887	-0.8856	0.376	-0.228715695	count	1
ZRSR2	-0.1702258	0.1378875	-1.2345	0.217	-0.228701193	count	1
UBR1	-0.1961144	0.1740969	-1.1265	0.26	-0.228544394	count	1
WBP2NL	-0.5816623	0.8485259	-0.6855	0.493	-0.228511323	count	1
SPAG5	-2.4670905	1.277334	-1.9314	0.0535	-0.22841465	count	1
EMC6	-0.1622845	0.0927969	-1.7488	0.0804	-0.228360374	count	1
ZNF317	-0.2627477	0.3602098	-0.7294	0.466	-0.228120644	count	1
NOL10	-0.1862316	0.2139351	-0.8705	0.384	-0.228081718	count	1
ALKBH8	-0.234101	0.2875352	-0.8142	0.416	-0.228014835	count	1
UBE2M	-0.1606897	0.0683586	-2.3507	0.0188	-0.227761352	count	1
PARP3	-0.2393692	0.3112147	-0.7691	0.442	-0.227740254	count	1
VPS29	-0.1605975	0.0709743	-2.2628	0.0237	-0.227690361	count	1
AMZ2	-0.1705389	0.1223598	-1.3938	0.163	-0.227502609	count	1
ZMYND8	-0.1735473	0.1427579	-1.2157	0.224	-0.227338813	count	1
DERL1	-0.1637913	0.0968355	-1.6914	0.0908	-0.227317831	count	1
RRAGD	-0.5780958	0.429559	-1.3458	0.178	-0.227300724	count	1
AC104532.2	-0.4617901	0.455001	-1.0149	0.31	-0.22727887	count	1
NFYC	-0.1729701	0.1624046	-1.0651	0.287	-0.227166685	count	1
ZNF32	-0.1674675	0.1466145	-1.1422	0.253	-0.227116068	count	1
IGHG4	-0.4614003	0.719455	-0.6413	0.521	-0.227105539	count	1
CBLL1	-0.1765744	0.1433837	-1.2315	0.218	-0.226961933	count	1
SLC35A1	-0.2084805	0.2705013	-0.7707	0.441	-0.226884816	count	1
GID4	-0.2167013	0.3417396	-0.6341	0.526	-0.226877824	count	1
MRPS5	-0.1626046	0.1043443	-1.5583	0.119	-0.226875895	count	1
AC008915.2	-0.8417519	0.8212499	-1.025	0.305	-0.22687433	count	1
AC130343.2	-0.8415051	0.7245483	-1.1614	0.246	-0.226822883	count	1
UBE2S	-0.1584742	0.0530585	-2.9868	0.00284	-0.226786695	count	1
CHD1	-0.1607106	0.0729353	-2.2035	0.0276	-0.226655507	count	1
CMTM3	-0.1605624	0.0836491	-1.9195	0.055	-0.226637345	count	1
PGLS	-0.1593798	0.0703679	-2.2649	0.0236	-0.226517034	count	1
C1orf35	-0.1628961	0.1060134	-1.5366	0.124	-0.226401516	count	1
DYNC112	-0.1648235	0.1138354	-1.4479	0.148	-0.226350194	count	1
ARHGAP11B	-0.3520447	0.6264069	-0.562	0.574	-0.226183236	count	1
AC008608.2	-0.5747887	0.5316848	-1.0811	0.28	-0.226176007	count	1
MCRIP1	-0.16437	0.1026764	-1.6009	0.11	-0.22617594	count	1
PPP6R1	-0.1699807	0.1387234	-1.2253	0.221	-0.22594086	count	1
DHRS13	-0.227096	0.3091101	-0.7347	0.463	-0.225920643	count	1
TTC31	-0.2708205	0.3441426	-0.7869	0.431	-0.225903406	count	1
SCART1	-0.5738186	1.0302694	-0.557	0.578	-0.225845698	count	1
TRMT2A	-0.1807092	0.1908127	-0.947	0.344	-0.225816041	count	1
CNOT6	-0.209945	0.2524505	-0.8316	0.406	-0.225813215	count	1

PPP2R2A	-0.1638819	0.0994194	-1.6484	0.0994	-0.225784025	count	1
RNASEH1-AS1	-0.1979009	0.297332	-0.6656	0.506	-0.225780611	count	1
ORMDL2	-0.1611776	0.1066369	-1.5115	0.131	-0.225740334	count	1
ELMSAN1	-0.1689128	0.1296895	-1.3024	0.193	-0.225723432	count	1
GMPR	-0.3927534	0.9962528	-0.3942	0.693	-0.225482612	count	1
TUSC2	-0.1638048	0.122552	-1.3366	0.181	-0.225399965	count	1
LRRC59	-0.1889624	0.1562875	-1.2091	0.227	-0.225386621	count	1
NUS1	-0.177133	0.1953631	-0.9067	0.365	-0.225357555	count	1
PSPN	-0.5720769	0.8148975	-0.702	0.483	-0.2252522	count	1
LSM4	-0.1597448	0.0898859	-1.7772	0.0756	-0.225228402	count	1
CREB1	-0.1697542	0.1351355	-1.2562	0.209	-0.225203707	count	1
TUBG2	-0.8334557	0.7532771	-1.1064	0.269	-0.225140529	count	1
TCF19	-0.3919769	0.4674807	-0.8385	0.402	-0.225069786	count	1
STOML2	-0.1631529	0.1167255	-1.3977	0.162	-0.225045019	count	1
SLC25A33	-0.1918091	0.1708156	-1.1229	0.262	-0.224975564	count	1
STX11	-0.1641053	0.1213405	-1.3524	0.176	-0.22496549	count	1
CCDC134	-0.2695268	0.4139534	-0.6511	0.515	-0.224861733	count	1
LDLR	-0.1850035	0.1880626	-0.9837	0.325	-0.224803813	count	1
IDH3G	-0.1608576	0.0962803	-1.6707	0.0949	-0.224682581	count	1
GABBR1	-0.3494913	0.4514915	-0.7741	0.439	-0.224641554	count	1
FAM192A	-0.1686368	0.1469723	-1.1474	0.251	-0.224577	count	1
NUP133	-0.320258	0.3486073	-0.9187	0.358	-0.224562965	count	1
RLF	-0.1777525	0.1290731	-1.3771	0.169	-0.22454924	count	1
IFIT5	-0.1953045	0.2332355	-0.8374	0.402	-0.224530413	count	1
NDUFV1	-0.1645199	0.1136261	-1.4479	0.148	-0.224342176	count	1
AC007950.2	-0.2688416	0.7895393	-0.3405	0.733	-0.22430986	count	1
NUDT3	-0.2983887	0.2723411	-1.0956	0.273	-0.224288474	count	1
F2RL1	-0.281878	0.578002	-0.4877	0.626	-0.224276834	count	1
ABHD15	-0.2687848	0.2875395	-0.9348	0.35	-0.224264111	count	1
RIC3	-0.1645459	0.1504894	-1.0934	0.274	-0.224067947	count	1
RFC4	-0.1787422	0.2382637	-0.7502	0.453	-0.224012979	count	1
ECHDC1	-0.1630039	0.1139601	-1.4304	0.153	-0.224008874	count	1
TMEM147	-0.161805	0.1004138	-1.6114	0.107	-0.223900043	count	1
TRIM47	-0.2683008	0.330109	-0.8128	0.416	-0.22387421	count	1
MTMR8	-0.389641	0.6424477	-0.6065	0.544	-0.223827053	count	1
CPSF7	-0.1885985	0.2269655	-0.831	0.406	-0.22378263	count	1
CEP290	-0.1713992	0.1577505	-1.0865	0.277	-0.223617586	count	1
MYH9	-0.1584354	0.0737546	-2.1481	0.0318	-0.223530142	count	1
AC010864.1	-0.3890344	0.6588932	-0.5904	0.555	-0.223504139	count	1
SLC25A5	-0.1558477	0.0433613	-3.5942	0.00033	-0.22346094	count	1
RGS1	-0.1569775	0.0668651	-2.3477	0.0189	-0.223442931	count	1
GALNT6	-0.1915799	0.2335646	-0.8202	0.412	-0.223318357	count	1
TNFRSF1B	-0.1600828	0.0817152	-1.959	0.0502	-0.223219033	count	1
TRBV27	-0.824098	0.9054	-0.9102	0.363	-0.223173276	count	1
TTC39C-AS1	-0.29674	0.2643685	-1.1224	0.262	-0.223103309	count	1

RANBP2	-0.1725222	0.126299	-1.366	0.172	-0.222976925	count	1
NEO1	-0.24788	0.4874393	-0.5085	0.611	-0.222969549	count	1
YWHAB	-0.1549335	0.0348815	-4.4417	9.21E-06	-0.222799373	count	0.2214084
PLOD1	-0.2476284	0.5668415	-0.4369	0.662	-0.22274964	count	1
NSF	-0.2069457	0.1963517	-1.054	0.292	-0.222638276	count	1
XPNPEP1	-0.1797641	0.2083825	-0.8627	0.388	-0.222566514	count	1
H6PD	-0.1983512	0.3397357	-0.5838	0.559	-0.222564776	count	1
DNAJC30	-0.1950077	0.2720092	-0.7169	0.473	-0.222520172	count	1
PPP2R1B	-0.1965619	0.2494149	-0.7881	0.431	-0.22248319	count	1
BCL9L	-0.1759476	0.1851677	-0.9502	0.342	-0.222284031	count	1
TOP1MT	-0.2041299	0.3181438	-0.6416	0.521	-0.222221477	count	1
TBCCD1	-0.2191405	0.3704919	-0.5915	0.554	-0.22221648	count	1
ZSCAN22	-0.4503192	0.5608783	-0.8029	0.422	-0.222164308	count	1
HELZ	-0.1636975	0.1204442	-1.3591	0.174	-0.22213698	count	1
11-Sep	-0.1626805	0.111756	-1.4557	0.146	-0.22213261	count	1
C6orf47	-0.1771779	0.1746167	-1.0147	0.31	-0.222066075	count	1
2-Sep	-0.1599057	0.0953139	-1.6777	0.0935	-0.222028083	count	1
LINC01934	-0.1771364	0.1773986	-0.9985	0.318	-0.222014422	count	1
HSPH1	-0.1632516	0.103688	-1.5744	0.115	-0.221877374	count	1
KMT5B	-0.1710758	0.160661	-1.0648	0.287	-0.221850421	count	1
MIR194-2HG	-2.254688	1.268113	-1.778	0.0755	-0.221725261	count	1
C16orf91	-0.1651211	0.1506997	-1.0957	0.273	-0.221705906	count	1
ANKRD17	-0.177913	0.1785382	-0.9965	0.319	-0.221688043	count	1
AZI2	-0.1667757	0.1535168	-1.0864	0.277	-0.221485102	count	1
CEP97	-0.2326326	0.2618103	-0.8886	0.374	-0.221484607	count	1
MPHOSPH6	-0.1699943	0.1599554	-1.0628	0.288	-0.22147266	count	1
SND1	-0.1937498	0.1782378	-1.087	0.277	-0.221102198	count	1
GPR137B	-0.174063	0.1760875	-0.9885	0.323	-0.220974159	count	1
PAXBP1	-0.1606662	0.1051094	-1.5286	0.126	-0.22094901	count	1
PEF1	-0.164886	0.135819	-1.214	0.225	-0.220892104	count	1
CCDC15	-0.3430247	0.5220418	-0.6571	0.511	-0.220730267	count	1
EIF3A	-0.1593891	0.0803356	-1.984	0.0473	-0.220670683	count	1
PHACTR2	-0.1597448	0.0990254	-1.6132	0.107	-0.220658181	count	1
PDHA1	-0.164074	0.1305337	-1.2569	0.209	-0.220463845	count	1
MRM1	-0.2767669	0.6636412	-0.417	0.677	-0.220364445	count	1
A1BG	-0.1592295	0.1153506	-1.3804	0.168	-0.219888622	count	1
PSENNEN	-0.1567558	0.0888242	-1.7648	0.0777	-0.219867188	count	1
RASA2	-0.1592513	0.0916367	-1.7379	0.0823	-0.219858741	count	1
GGA2	-0.1695047	0.1607868	-1.0542	0.292	-0.219823403	count	1
NLN	-0.8081706	0.9736325	-0.8301	0.407	-0.219796465	count	1
Z99774.1	-0.8081706	1.1144122	-0.7252	0.468	-0.219796465	count	1
OLFM2	-0.2205425	0.4360245	-0.5058	0.613	-0.219535649	count	1
LEPR	-0.8064097	0.5996101	-1.3449	0.179	-0.219421015	count	1
CD83	-0.16585	0.1491636	-1.1119	0.266	-0.219366906	count	1
GCLM	-0.1606912	0.1281035	-1.2544	0.21	-0.219328604	count	1

TSHZ3	-0.5546705	0.696616	-0.7962	0.426	-0.219289206	count	1
SET	-0.1529247	0.0401576	-3.8081	0.000143	-0.219265078	count	1
ELOB	-0.1530117	0.0449984	-3.4004	0.000681	-0.219059174	count	1
LINC00685	-0.2361102	0.3116934	-0.7575	0.449	-0.218988849	count	1
LINC01806	-0.3401086	0.5548465	-0.613	0.54	-0.218963263	count	1
ZBTB5	-0.3401086	0.566062	-0.6008	0.548	-0.218963263	count	1
MT-ND1	-0.1521446	0.0289991	-5.2465	1.64E-07	-0.218932694	count	0.003958304
SOCS4	-0.1670936	0.1488153	-1.1228	0.262	-0.218923404	count	1
ATAT1	-0.2199073	0.4498831	-0.4888	0.625	-0.218916322	count	1
CASC3	-0.1903228	0.1868089	-1.0188	0.308	-0.218869432	count	1
ETV2	-0.2620505	0.4519197	-0.5799	0.562	-0.218834322	count	1
IFI27L2	-0.1557847	0.0966309	-1.6122	0.107	-0.218457325	count	1
FSD1L	-0.2901811	0.4575	-0.6343	0.526	-0.218381967	count	1
NDUFA6	-0.1541632	0.0672619	-2.292	0.022	-0.218314884	count	1
ADGRE2	-0.2900118	0.5610865	-0.5169	0.605	-0.218259969	count	1
TUBB2A	-0.156333	0.0924298	-1.6914	0.0909	-0.2182069	count	1
GTF3C6	-0.1543419	0.0821593	-1.8786	0.0604	-0.21806278	count	1
SARAF	-0.1517437	0.0302917	-5.0094	5.74E-07	-0.218039615	count	0.01384201
SIRT3	-0.202497	0.2960921	-0.6839	0.494	-0.217926114	count	1
NUMA1	-0.1642404	0.1452102	-1.1311	0.258	-0.217917531	count	1
TXNDC11	-0.1846044	0.194253	-0.9503	0.342	-0.21788261	count	1
GPSM1	-0.7990498	0.8015255	-0.9969	0.319	-0.217846563	count	1
ZNF586	-0.1908538	0.2798715	-0.6819	0.495	-0.21783674	count	1
REV3L	-0.1769767	0.1441602	-1.2276	0.22	-0.217637244	count	1
GLRX3	-0.1602288	0.1131331	-1.4163	0.157	-0.217557479	count	1
ZBTB11-AS1	-0.2888997	0.342132	-0.8444	0.398	-0.217458397	count	1
KIAA0232	-0.1612709	0.1444601	-1.1164	0.264	-0.217447809	count	1
PSMB6	-0.1526344	0.062527	-2.4411	0.0147	-0.217230869	count	1
CEP162	-0.210454	0.2742791	-0.7673	0.443	-0.217148643	count	1
NBPF20	-0.7953264	0.8394074	-0.9475	0.343	-0.217047162	count	1
GATM	-0.7953264	0.8943079	-0.8893	0.374	-0.217047162	count	1
CD34	-0.7953264	0.91445	-0.8697	0.385	-0.217047162	count	1
IL11RA	-0.22775	0.4742418	-0.4802	0.631	-0.21694458	count	1
MNDA	-0.2015206	0.5026709	-0.4009	0.689	-0.21689142	count	1
ATP9B	-0.1871567	0.198413	-0.9433	0.346	-0.216784486	count	1
SCRN3	-0.1930842	0.3136766	-0.6156	0.538	-0.216730629	count	1
ARFGAP3	-0.1577885	0.105048	-1.5021	0.133	-0.216710839	count	1
AHDC1	-0.2490005	0.3401527	-0.732	0.464	-0.216544732	count	1
ROCK1	-0.1534769	0.0761926	-2.0143	0.0441	-0.216301503	count	1
SSU72	-0.1525882	0.0659634	-2.3132	0.0208	-0.216229198	count	1
IFNAR1	-0.1594024	0.1177786	-1.3534	0.176	-0.216209334	count	1
GTPBP2	-0.2869893	0.4367387	-0.6571	0.511	-0.216080739	count	1
STK3	-0.2869893	0.4414241	-0.6501	0.516	-0.216080728	count	1
KCNAB3	-0.5452441	0.9706553	-0.5617	0.574	-0.216035911	count	1
SUMF2	-0.1564223	0.1072084	-1.459	0.145	-0.21590133	count	1

AC007686.3	-0.1817167	0.2687815	-0.6761	0.499	-0.215695515	count	1
DOPEY2	-0.1920729	0.2833159	-0.6779	0.498	-0.215609925	count	1
CHD7	-0.2003034	0.1927315	-1.0393	0.299	-0.215601313	count	1
TUT7	-0.1582031	0.1251782	-1.2638	0.206	-0.215351216	count	1
COQ6	-0.183467	0.2475015	-0.7413	0.459	-0.215291132	count	1
MSC-AS1	-0.5430689	0.4544922	-1.1949	0.232	-0.215282793	count	1
MGMT	-0.154147	0.0981417	-1.5707	0.116	-0.215024563	count	1
SUPT3H	-0.1708826	0.2167221	-0.7885	0.43	-0.21481465	count	1
MADCAM1	-0.7849562	0.5189064	-1.5127	0.13	-0.214810375	count	1
MRPS12	-0.1536481	0.1048335	-1.4656	0.143	-0.214751632	count	1
GPBP1L1	-0.1650462	0.1323341	-1.2472	0.212	-0.214736938	count	1
SMURF2	-0.163201	0.1602186	-1.0186	0.308	-0.214655272	count	1
GSK3A	-0.1599572	0.1366336	-1.1707	0.242	-0.214637132	count	1
C7orf57	-2.065723	1.576489	-1.3103	0.19	-0.2145681	count	1
ZNHIT3	-0.153863	0.0854996	-1.7996	0.072	-0.214559368	count	1
POSTN	-2.06357	0.8298213	-2.4868	0.0129	-0.214479197	count	1
C12orf45	-0.1627159	0.1475077	-1.1031	0.27	-0.214275593	count	1
UBE3B	-0.2248457	0.3410136	-0.6593	0.51	-0.214241672	count	1
PRSS35	-0.332245	0.9754935	-0.3406	0.733	-0.214188359	count	1
SMC5	-0.1592545	0.0962679	-1.6543	0.0982	-0.214160199	count	1
MT-ND5	-0.1489866	0.0320562	-4.6477	3.48E-06	-0.21412216	count	0.08375664
EDEM3	-0.1776363	0.1988095	-0.8935	0.372	-0.214054774	count	1
PMM1	-0.1605968	0.1576636	-1.0186	0.308	-0.213909157	count	1
ZNF784	-0.4318915	0.6143639	-0.703	0.482	-0.213888438	count	1
MAP10	-0.4318915	0.7125287	-0.6061	0.544	-0.213888438	count	1
SNRPF	-0.1522406	0.0700134	-2.1745	0.0297	-0.21388181	count	1
ZNF846	-0.1904675	0.2559094	-0.7443	0.457	-0.213830504	count	1
SENP1	-0.1661607	0.2257784	-0.7359	0.462	-0.213648571	count	1
CYB5A	-0.1570072	0.1304695	-1.2034	0.229	-0.213624529	count	1
SCAND1	-0.1499424	0.0645916	-2.3214	0.0203	-0.213565506	count	1
KANSL3	-0.1938654	0.2279166	-0.8506	0.395	-0.213477462	count	1
UTP3	-0.1619165	0.1476779	-1.0964	0.273	-0.213475433	count	1
TRMT1	-0.1770985	0.2278182	-0.7774	0.437	-0.21341233	count	1
BORCS6	-0.1569158	0.1264564	-1.2409	0.215	-0.213395835	count	1
GBP1	-0.1515486	0.1081095	-1.4018	0.161	-0.213325435	count	1
DHX38	-0.1683501	0.1772393	-0.9498	0.342	-0.213263967	count	1
HEXDC	-0.1574705	0.1475773	-1.067	0.286	-0.213242068	count	1
CFLAR	-0.1520625	0.0809277	-1.879	0.0603	-0.213170327	count	1
ING1	-0.155216	0.1031255	-1.5051	0.132	-0.213111922	count	1
7-Mar	-0.1546203	0.0954606	-1.6197	0.105	-0.213050375	count	1
CS	-0.2003779	0.2503217	-0.8005	0.423	-0.212978101	count	1
STAMBPL1	-0.1649212	0.1688847	-0.9765	0.329	-0.212834427	count	1
RTF1	-0.1508838	0.0709261	-2.1273	0.0335	-0.212825709	count	1
SCYL2	-0.1671972	0.2153499	-0.7764	0.438	-0.212790844	count	1
PDSS2	-0.1849172	0.2594865	-0.7126	0.476	-0.212722514	count	1

BZW1	-0.1488461	0.0502427	-2.9625	0.0031	-0.212659355	count	1
SUFU	-0.3023516	0.3729217	-0.8108	0.418	-0.212606978	count	1
NSFL1C	-0.155521	0.1246411	-1.2478	0.212	-0.212559551	count	1
ZNF696	-0.5348426	0.589065	-0.908	0.364	-0.212426496	count	1
SUGCT	-0.5348426	0.7405729	-0.7222	0.47	-0.212426496	count	1
CHD6	-0.1607455	0.1207601	-1.3311	0.183	-0.212412862	count	1
GPR183	-0.1483898	0.0575924	-2.5766	0.01	-0.212368194	count	1
HNRNPA1L2	-0.7735684	0.6875724	-1.1251	0.261	-0.212336296	count	1
POLR1A	-0.2538519	0.4883357	-0.5198	0.603	-0.212209781	count	1
HNRNPLL	-0.1597373	0.1301626	-1.2272	0.22	-0.212172926	count	1
NAP1L4	-0.1511699	0.0740646	-2.0411	0.0413	-0.212089316	count	1
MKRN2	-0.1776773	0.1995094	-0.8906	0.373	-0.212049551	count	1
ATF7IP2	-0.1585522	0.1305193	-1.2148	0.225	-0.211926152	count	1
AL354733.3	-0.3012406	0.4101192	-0.7345	0.463	-0.211862638	count	1
C11orf24	-0.2656539	0.3979619	-0.6675	0.504	-0.211836679	count	1
NUDT5	-0.1511141	0.1020784	-1.4804	0.139	-0.21181761	count	1
NRBP1	-0.1521489	0.0915007	-1.6628	0.0964	-0.211691438	count	1
ZCCHC2	-0.1608882	0.1486555	-1.0823	0.279	-0.211626062	count	1
NOP58	-0.1505396	0.073162	-2.0576	0.0397	-0.211557584	count	1
PREX1	-0.1565182	0.127325	-1.2293	0.219	-0.2114573	count	1
SPG11	-0.1790551	0.1901468	-0.9417	0.346	-0.21139636	count	1
PQBP1	-0.1533665	0.0986445	-1.5547	0.12	-0.21132628	count	1
SSBP2	-0.1671836	0.1603997	-1.0423	0.297	-0.211280237	count	1
FTX	-0.1685146	0.1687312	-0.9987	0.318	-0.211279157	count	1
SOWAHD	-0.4260123	0.7227132	-0.5895	0.556	-0.211232696	count	1
SRP68	-0.2344709	0.1970652	-1.1898	0.234	-0.211229691	count	1
PMF1	-0.1504469	0.0894004	-1.6828	0.0925	-0.21119059	count	1
RABEP1	-0.1613539	0.142935	-1.1289	0.259	-0.211155715	count	1
AP5M1	-0.16573	0.1873273	-0.8847	0.376	-0.210934334	count	1
MCM9	-0.2161543	0.3202472	-0.675	0.5	-0.210904268	count	1
TAX1BP1	-0.1478362	0.0536269	-2.7568	0.0059	-0.210837008	count	1
NOL7	-0.148205	0.0637358	-2.3253	0.0201	-0.210791645	count	1
PUM3	-0.1524445	0.1035422	-1.4723	0.141	-0.210704575	count	1
ARMT1	-0.1706661	0.2033855	-0.8391	0.401	-0.210673711	count	1
EDF1	-0.1470777	0.0434752	-3.383	0.000725	-0.210642122	count	1
ZXDB	-0.263974	0.3959432	-0.6667	0.505	-0.210545079	count	1
TYW1B	-0.3647259	0.4171749	-0.8743	0.382	-0.210494034	count	1
DSN1	-0.2266941	0.3615824	-0.6269	0.531	-0.210468469	count	1
AC010331.1	-0.7646957	0.8576002	-0.8917	0.373	-0.210395842	count	1
DMAP1	-0.1569006	0.1453745	-1.0793	0.281	-0.210390945	count	1
CYTIP	-0.1466102	0.0344304	-4.2582	2.12E-05	-0.210381757	count	0.5089484
ZNF789	-0.1930852	0.2954278	-0.6536	0.513	-0.210368086	count	1
PEMT	-0.1857161	0.2498435	-0.7433	0.457	-0.21035353	count	1
BUD13	-0.1628215	0.1924408	-0.8461	0.398	-0.21013847	count	1
ATP5ME	-0.1480999	0.0677455	-2.1861	0.0289	-0.210098304	count	1

CABP4	-0.7631373	0.8794723	-0.8677	0.386	-0.210053868	count	1
CENPK	-0.1540474	0.1863557	-0.8266	0.409	-0.21000248	count	1
ZNF222	-0.1975327	0.2780001	-0.7105	0.477	-0.210000906	count	1
MROH1	-0.2631673	0.3251367	-0.8094	0.418	-0.209924602	count	1
ASPSCR1	-0.1593791	0.1821899	-0.8748	0.382	-0.2098995	count	1
AC105446.1	-0.2260467	0.4154094	-0.5442	0.586	-0.20988195	count	1
KLHL22	-0.1885124	0.3187206	-0.5915	0.554	-0.20972633	count	1
FSTL1	-0.7613355	0.896571	-0.8492	0.396	-0.209658027	count	1
AC004889.1	-0.7613355	0.99025	-0.7688	0.442	-0.209658027	count	1
DNAJC21	-0.1483748	0.0818579	-1.8126	0.07	-0.209639752	count	1
ARL6	-0.2197324	0.4925703	-0.4461	0.656	-0.209478636	count	1
NUDT6	-0.2777786	0.4966744	-0.5593	0.576	-0.209426447	count	1
CRIM1	-0.1773459	0.2544642	-0.6969	0.486	-0.20939772	count	1
AMBRA1	-0.262469	0.4163357	-0.6304	0.528	-0.209387392	count	1
WASHC3	-0.1500928	0.0988908	-1.5178	0.129	-0.20934374	count	1
USP20	-0.2100746	0.24053	-0.8734	0.383	-0.209319009	count	1
KDELC2	-0.1941925	0.3694052	-0.5257	0.599	-0.209120427	count	1
CNOT8	-0.1535037	0.1283726	-1.1958	0.232	-0.209069651	count	1
DCAF17	-0.180321	0.2627101	-0.6864	0.493	-0.208950297	count	1
UBE2E1	-0.1620894	0.1545667	-1.0487	0.294	-0.20882541	count	1
ECT2	-0.3616155	0.5907327	-0.6121	0.54	-0.208819582	count	1
SUMO2	-0.1453393	0.0348982	-4.1647	3.20E-05	-0.208798514	count	0.767488
DSCC1	-0.3615012	0.9183426	-0.3936	0.694	-0.208758019	count	1
SPINDOC	-0.2094962	0.2903691	-0.7215	0.471	-0.208753855	count	1
TLCD2	-0.3232966	0.4537125	-0.7126	0.476	-0.20873704	count	1
DUSP5	-0.1472163	0.0725967	-2.0279	0.0427	-0.208715168	count	1
FKBP2	-0.1474498	0.0787906	-1.8714	0.0614	-0.208554118	count	1
ETV5	-0.2962313	0.6201917	-0.4776	0.633	-0.208503044	count	1
CPM	-0.7560159	0.5088091	-1.4859	0.137	-0.208486739	count	1
MAML2	-0.1798787	0.1391362	-1.2928	0.196	-0.208443156	count	1
SUPT5H	-0.1573222	0.1230683	-1.2783	0.201	-0.208349781	count	1
RHEB	-0.1484368	0.0799311	-1.8571	0.0634	-0.208305069	count	1
NDUFV2	-0.1458022	0.0542487	-2.6877	0.00723	-0.208263539	count	1
IQCB1	-0.1579372	0.1509345	-1.0464	0.295	-0.208250064	count	1
BECN1	-0.151369	0.1284831	-1.1781	0.239	-0.208122253	count	1
PROSER1	-0.753427	0.3507299	-2.1482	0.0318	-0.207915156	count	1
AC073195.1	-0.5217482	0.763541	-0.6833	0.494	-0.207853393	count	1
BRAP	-0.1834397	0.2546131	-0.7205	0.471	-0.207805319	count	1
DNAJC10	-0.1573763	0.1697326	-0.9272	0.354	-0.207748559	count	1
VAMP2	-0.1451755	0.0491173	-2.9557	0.00314	-0.207736635	count	1
XRR1	-0.1708376	0.2676459	-0.6383	0.523	-0.207728061	count	1
KIAA1324	-0.2602043	0.4507096	-0.5773	0.564	-0.207644314	count	1
RBM47	-1.9078006	1.557642	-1.2248	0.221	-0.207571798	count	1
NR2C2AP	-0.158795	0.1825803	-0.8697	0.385	-0.207538255	count	1
PDZD11	-0.1546151	0.1583987	-0.9761	0.329	-0.207491723	count	1

TCF3	-0.1778557	0.240291	-0.7402	0.459	-0.20748297	count	1
SUGP1	-0.1778087	0.2393159	-0.743	0.458	-0.207428693	count	1
DYRK1B	-0.1978161	0.2207244	-0.8962	0.37	-0.207426892	count	1
STX1A	-0.2232312	0.4063048	-0.5494	0.583	-0.207330188	count	1
KIAA2013	-0.1585773	0.1773553	-0.8941	0.371	-0.20725498	count	1
AC006333.2	-0.2943094	0.5712927	-0.5152	0.606	-0.207212515	count	1
HABP4	-0.1616425	0.1530949	-1.0558	0.291	-0.20706612	count	1
CDK2AP2	-0.145477	0.0668507	-2.1761	0.0296	-0.207028428	count	1
AHSA1	-0.1503187	0.1066796	-1.4091	0.159	-0.207009515	count	1
ABLIM1	-0.1670804	0.1566914	-1.0663	0.286	-0.206973051	count	1
THYN1	-0.148004	0.1036041	-1.4286	0.153	-0.206960786	count	1
BAG3	-0.1645749	0.1571889	-1.047	0.295	-0.206934939	count	1
FAM215B	-0.2002851	0.2182811	-0.9176	0.359	-0.206835075	count	1
TRIM13	-0.1571464	0.1502304	-1.046	0.296	-0.206724368	count	1
LINC00265	-0.7478676	0.8252209	-0.9063	0.365	-0.206684575	count	1
SLC39A8	-0.170614	0.2206202	-0.7733	0.439	-0.206581116	count	1
CKMT2-AS1	-0.2735607	0.4381596	-0.6243	0.532	-0.206372556	count	1
RABAC1	-0.1441376	0.0529993	-2.7196	0.00657	-0.206353504	count	1
E2F1	-1.881407	0.957499	-1.9649	0.0495	-0.206303073	count	1
DPP4	-0.1578428	0.1573708	-1.003	0.316	-0.206299213	count	1
HID1	-0.51727	0.9425819	-0.5488	0.583	-0.206281957	count	1
HFE	-0.51727	0.9650341	-0.536	0.592	-0.206281957	count	1
DYNLL1	-0.1439081	0.0476394	-3.0208	0.00254	-0.206268595	count	1
ATP6AP2	-0.1455514	0.0716671	-2.0309	0.0423	-0.206236759	count	1
LINC00513	-0.5169031	0.1978385	-2.6128	0.00902	-0.206153045	count	1
DDX39A	-0.1484097	0.1113332	-1.333	0.183	-0.206134589	count	1
NUBP1	-0.153598	0.1627738	-0.9436	0.345	-0.206131092	count	1
ENTPD3-AS1	-0.2110924	0.2998766	-0.7039	0.482	-0.206066255	count	1
GLT8D1	-0.1560885	0.1601722	-0.9745	0.33	-0.206055206	count	1
DNAJC27	-0.1789857	0.2313165	-0.7738	0.439	-0.205972526	count	1
SLC30A9	-0.1662174	0.1931347	-0.8606	0.39	-0.205911414	count	1
RAI1	-0.3561262	0.4649187	-0.766	0.444	-0.205859115	count	1
TTC9C	-0.161356	0.1767539	-0.9129	0.361	-0.205846907	count	1
C5orf24	-0.1546459	0.1517655	-1.019	0.308	-0.205822762	count	1
TXNL1	-0.1461586	0.0802068	-1.8223	0.0685	-0.205763769	count	1
NECTIN3	-0.1866448	0.2140436	-0.872	0.383	-0.205630855	count	1
UBE2D3	-0.1437444	0.0459856	-3.1259	0.00179	-0.205618103	count	1
PARP4	-0.1665258	0.1588362	-1.0484	0.295	-0.205599141	count	1
ABCA7	-0.4134968	0.3545797	-1.1662	0.244	-0.205554531	count	1
POLR2J	-0.1452299	0.0746049	-1.9467	0.0517	-0.205416899	count	1
TSPAN13	-1.8619366	1.183482	-1.5733	0.116	-0.20534791	count	1
PLEKHF1	-0.1468955	0.1141099	-1.2873	0.198	-0.205267435	count	1
IRGQ	-0.1986064	0.3545995	-0.5601	0.575	-0.205130608	count	1
VPS37B	-0.1563066	0.1202871	-1.2994	0.194	-0.205114853	count	1
HNRNPH3	-0.1471554	0.0753381	-1.9533	0.0509	-0.204754455	count	1

ZCCHC8	-0.161208	0.1670392	-0.9651	0.335	-0.204748013	count	1
SULT1A3	-1.849092	0.8606436	-2.1485	0.0317	-0.204708715	count	1
RIC8B	-0.1981905	0.318483	-0.6223	0.534	-0.204708241	count	1
DNAH14	-0.7388963	1.1521464	-0.6413	0.521	-0.204689414	count	1
RHBDP2	-0.1857597	0.1997247	-0.9301	0.352	-0.204668419	count	1
TUBGCP2	-0.1529538	0.1152238	-1.3274	0.184	-0.204634787	count	1
ADGRE1	-0.3164253	0.4729601	-0.669	0.504	-0.204538392	count	1
CHMP2A	-0.1442276	0.0831884	-1.7337	0.0831	-0.204427264	count	1
CNOT3	-0.173088	0.2670042	-0.6483	0.517	-0.204417037	count	1
NUDT14	-0.1532888	0.1322252	-1.1593	0.246	-0.204390913	count	1
NR1D2	-0.1565712	0.1290947	-1.2128	0.225	-0.204357693	count	1
LRRC63	-0.4103243	0.6389586	-0.6422	0.521	-0.204109859	count	1
ZNRD1	-0.1441242	0.0792011	-1.8197	0.0689	-0.203964629	count	1
HECTD4	-0.2006603	0.2573171	-0.7798	0.436	-0.20381105	count	1
MAP1LC3B	-0.1425676	0.0514442	-2.7713	0.0056	-0.203653725	count	1
UBASH3A	-0.158032	0.1893876	-0.8344	0.404	-0.203624152	count	1
9-Mar	-0.1467635	0.1047788	-1.4007	0.161	-0.203364729	count	1
HCFC2	-0.1910837	0.2274942	-0.8399	0.401	-0.20324733	count	1
HP1BP3	-0.1427986	0.0594816	-2.4007	0.01642	-0.203202676	count	1
HKDC1	-0.2880987	0.5028829	-0.5729	0.567	-0.20303618	count	1
C7orf61	-0.7312851	0.8593498	-0.851	0.395	-0.202987637	count	1
EXOSC7	-0.1510201	0.1489755	-1.0137	0.311	-0.20297707	count	1
MED10	-0.1436446	0.0759266	-1.8919	0.0586	-0.202924312	count	1
SERPINE2	-0.2419226	0.4645473	-0.5208	0.603	-0.202543333	count	1
SHC1	-0.175912	0.2767546	-0.6356	0.525	-0.202472621	count	1
C7	-1.8031659	1.116411	-1.6151	0.106	-0.202363096	count	1
BIN3	-0.1694378	0.2196479	-0.7714	0.441	-0.20230119	count	1
N4BP2L1	-0.1504835	0.1327144	-1.1339	0.257	-0.202258035	count	1
SLC27A1	-0.3492928	0.5635998	-0.6198	0.535	-0.202164178	count	1
TP53RK	-0.152874	0.1611463	-0.9487	0.343	-0.202050605	count	1
NONO	-0.1462986	0.1015642	-1.4405	0.15	-0.202009664	count	1
PRPF8	-0.1531022	0.1227813	-1.247	0.213	-0.201899504	count	1
KDM2A	-0.1490879	0.1013964	-1.4703	0.142	-0.201805666	count	1
FZD6	-0.217122	0.5680253	-0.3822	0.702	-0.201787403	count	1
MOB4	-0.1452331	0.0977717	-1.4854	0.138	-0.201729428	count	1
RBM12	-0.1697668	0.220236	-0.7708	0.441	-0.201637412	count	1
ZNF107	-0.1644081	0.1942301	-0.8465	0.397	-0.201550698	count	1
SCML4	-0.1458419	0.0973639	-1.4979	0.134	-0.201542289	count	1
P2RX5	-0.2111979	0.3178045	-0.6646	0.506	-0.201516585	count	1
CCDC92	-0.1522992	0.1690527	-0.9009	0.368	-0.201510389	count	1
GAA	-0.1777731	0.2914119	-0.61	0.542	-0.201458595	count	1
PJA2	-0.1439023	0.078919	-1.8234	0.0683	-0.201447759	count	1
CSNK1G2	-0.1478082	0.1033546	-1.4301	0.153	-0.201425044	count	1
PSMG3-AS1	-0.3113377	0.8310573	-0.3746	0.708	-0.201422579	count	1
ZNF850	-0.3113377	0.968247	-0.3215	0.748	-0.201422579	count	1

COPS6	-0.1423495	0.0818367	-1.7394	0.082	-0.201412203	count	1
RORA	-0.1418465	0.0588638	-2.4097	0.016	-0.201327446	count	1
PSMB2	-0.1424585	0.0849645	-1.6767	0.0937	-0.201287779	count	1
ZNF563	-0.3110909	0.3994277	-0.7788	0.436	-0.201271279	count	1
APIP	-0.1496995	0.1504904	-0.9947	0.32	-0.201207461	count	1
IPO7	-0.1635064	0.1702847	-0.9602	0.337	-0.201190245	count	1
ARHGAP19	-0.4032292	0.5362566	-0.7519	0.452	-0.200871155	count	1
THUMPD3-AS1	-0.1443101	0.1019686	-1.4152	0.157	-0.200838554	count	1
CNBD2	-0.1592738	0.2120225	-0.7512	0.453	-0.200835131	count	1
NEDD9	-0.1458892	0.1253507	-1.1638	0.245	-0.200668383	count	1
ERCC4	-0.1559288	0.2080806	-0.7494	0.454	-0.200558146	count	1
HTRA2	-0.1598709	0.1735421	-0.9212	0.357	-0.200508771	count	1
PCID2	-0.1492562	0.1212272	-1.2312	0.218	-0.200469199	count	1
CLDND1	-0.1423445	0.0769491	-1.8499	0.0644	-0.200399645	count	1
PLLP	-0.4021342	0.6119954	-0.6571	0.511	-0.200370349	count	1
ANP32B	-0.1400719	0.0462646	-3.0276	0.0025	-0.200265789	count	1
LARP4B	-0.173963	0.2166492	-0.803	0.422	-0.20025264	count	1
COX6A1	-0.1395972	0.0410982	-3.3967	0.00069	-0.200251738	count	1
DOT1L	-0.2649901	0.4489338	-0.5903	0.555	-0.200154383	count	1
H2AFX	-0.1493102	0.1137835	-1.3122	0.19	-0.200091227	count	1
SLC35B4	-0.163745	0.2723596	-0.6012	0.548	-0.199973576	count	1
KIF11	-0.499079	0.9041937	-0.552	0.581	-0.199859462	count	1
TYW1	-0.1583933	0.2013366	-0.7867	0.432	-0.19973138	count	1
SAP30	-0.144934	0.0934525	-1.5509	0.121	-0.199608356	count	1
HECTD1	-0.1505148	0.1337942	-1.125	0.261	-0.19957131	count	1
CYLD	-0.1409581	0.0736241	-1.9146	0.0556	-0.199518707	count	1
ITPR1L1	-0.1605007	0.1826155	-0.8789	0.38	-0.199516535	count	1
WDR48	-0.1578091	0.1702938	-0.9267	0.354	-0.199501381	count	1
EFTUD2	-0.1791343	0.2219463	-0.8071	0.42	-0.199419555	count	1
LINC00526	-0.4977486	0.5264321	-0.9455	0.344	-0.199387286	count	1
TSR2	-0.1440326	0.1161301	-1.2403	0.215	-0.19934976	count	1
AP1G1	-0.15291	0.153276	-0.9976	0.319	-0.19931205	count	1
RRM1	-0.1677594	0.1893703	-0.8859	0.376	-0.199273985	count	1
NAXD	-0.2086097	0.3034245	-0.6875	0.492	-0.199099001	count	1
RDH10	-0.2635011	0.3628703	-0.7262	0.468	-0.199072342	count	1
MX2	-0.146962	0.1244155	-1.1812	0.238	-0.199049432	count	1
AC009005.1	-0.3989942	0.8806251	-0.4531	0.651	-0.198932869	count	1
GIMAP5	-0.1549233	0.179425	-0.8634	0.388	-0.198892943	count	1
JAGN1	-0.1487338	0.1375604	-1.0812	0.28	-0.198844692	count	1
ZNF274	-0.1664234	0.1937174	-0.8591	0.39	-0.198732548	count	1
MAN1B1	-0.1588932	0.1760665	-0.9025	0.367	-0.198725835	count	1
EXOC5	-0.1550215	0.1583055	-0.9793	0.328	-0.198627838	count	1
MRPS9	-0.1491891	0.1498573	-0.9955	0.32	-0.198584766	count	1
MRFAP1L1	-0.1494537	0.1275613	-1.1716	0.241	-0.198561175	count	1
AL691403.2	-0.3423214	1.0901043	-0.314	0.754	-0.198383723	count	1

AL139220.2	-0.3423214	1.133989	-0.3019	0.763	-0.198383723	count	1
C16orf72	-0.1576756	0.1283006	-1.229	0.219	-0.198311494	count	1
HMCN1	-1.7275496	1.432603	-1.2059	0.228	-0.198289044	count	1
TRADD	-0.1406652	0.0854567	-1.646	0.0998	-0.198277919	count	1
MED1	-0.1668623	0.2374796	-0.7026	0.482	-0.198217604	count	1
ECI2	-0.1447794	0.1262236	-1.147	0.251	-0.198072341	count	1
AIMP1	-0.14221	0.1024621	-1.3879	0.165	-0.197992188	count	1
MIGA2	-0.1815118	0.3026793	-0.5997	0.549	-0.19792481	count	1
ZNF766	-0.1538221	0.1727898	-0.8902	0.373	-0.197861736	count	1
ZNF354B	-0.1664324	0.3494978	-0.4762	0.634	-0.19771134	count	1
AVL9	-0.202329	0.2691316	-0.7518	0.452	-0.197678151	count	1
SELENOM	-0.1404305	0.0839818	-1.6722	0.0946	-0.19767385	count	1
ECD	-0.1556053	0.1898334	-0.8197	0.412	-0.197671016	count	1
LYRM2	-0.1439895	0.1211377	-1.1886	0.235	-0.197660384	count	1
CALM2	-0.13761	0.0348321	-3.9507	7.95E-05	-0.197560811	count	1
IRF2BPL	-0.1487523	0.1392309	-1.0684	0.285	-0.197439777	count	1
LIX1L-AS1	-0.3404356	0.3250825	-1.0472	0.295	-0.197359207	count	1
FOSL1	-0.2468575	0.335053	-0.7368	0.461	-0.197347657	count	1
RGL4	-0.1411085	0.0973965	-1.4488	0.147	-0.197219712	count	1
PACSIN2	-0.1686931	0.2394274	-0.7046	0.481	-0.196895869	count	1
C20orf194	-0.3395232	0.4124591	-0.8232	0.41	-0.196863231	count	1
FAM24B	-0.3394643	0.4113018	-0.8253	0.409	-0.196831208	count	1
DDX1	-0.1507656	0.1616221	-0.9328	0.351	-0.196812116	count	1
LINC00426	-0.1526911	0.2068569	-0.7381	0.46	-0.196775353	count	1
ZNF579	-0.20132	0.3602489	-0.5588	0.576	-0.196711371	count	1
PSMA3-AS1	-0.1474889	0.1087009	-1.3568	0.175	-0.196682814	count	1
CBLB	-0.1496257	0.124069	-1.206	0.228	-0.196628979	count	1
NCOA5	-0.303384	0.3717612	-0.8161	0.415	-0.196539432	count	1
GCNT1	-0.1782866	0.3076737	-0.5795	0.562	-0.19653716	count	1
FRMD8	-0.1823375	0.2187788	-0.8334	0.405	-0.196528989	count	1
PCF11-AS1	-1.69618	0.8830278	-1.9209	0.0548	-0.196518528	count	1
EMG1	-0.1493512	0.1489735	-1.0025	0.316	-0.19650947	count	1
NCDN	-0.3935757	0.8345935	-0.4716	0.637	-0.19644734	count	1
PRKX	-0.1583763	0.1708601	-0.9269	0.354	-0.196261713	count	1
NKAP	-0.1402516	0.0887814	-1.5797	0.114	-0.196187644	count	1
POLK	-0.1496199	0.144229	-1.0374	0.3	-0.196122148	count	1
PEX6	-0.171587	0.2492421	-0.6884	0.491	-0.196079239	count	1
TMEM38B	-0.1729379	0.2184342	-0.7917	0.429	-0.196039124	count	1
HDDC2	-0.1448763	0.1143758	-1.2667	0.205	-0.195889626	count	1
DHX36	-0.1385189	0.0658827	-2.1025	0.0356	-0.195888183	count	1
MICAL2	-0.1713813	0.2466214	-0.6949	0.487	-0.195846642	count	1
KRTAP5-AS1	-0.6994189	0.7931442	-0.8818	0.378	-0.195771842	count	1
DBH	-0.6994189	0.9313915	-0.7509	0.453	-0.195771842	count	1
FAM177A1	-0.1378461	0.0604815	-2.2791	0.0227	-0.195697104	count	1
RAPGEF6	-0.3919007	0.2249475	-1.7422	0.0816	-0.195677735	count	1

RAB12	-0.2446965	0.3022534	-0.8096	0.418	-0.195676654	count	1
NUP214	-0.1518033	0.1564218	-0.9705	0.332	-0.19563666	count	1
MED13L	-0.1502825	0.1595901	-0.9417	0.346	-0.195611566	count	1
CALCOCO1	-0.1646132	0.1802898	-0.913	0.361	-0.195568706	count	1
ATIC	-0.1465116	0.138773	-1.0558	0.291	-0.195553761	count	1
GNB2	-0.1376715	0.0675847	-2.037	0.0417	-0.195540312	count	1
SLC30A7	-0.1600884	0.1962934	-0.8156	0.415	-0.19554018	count	1
SH2D3A	-0.1635598	0.209492	-0.7807	0.435	-0.195341333	count	1
TAF11	-0.1447927	0.1272883	-1.1375	0.255	-0.19529136	count	1
CSNK1A1	-0.1378495	0.0624873	-2.206	0.0274	-0.195267437	count	1
NAPG	-0.1439075	0.1418039	-1.0148	0.31	-0.195245527	count	1
IPCEF1	-0.1495854	0.1082087	-1.3824	0.167	-0.194996882	count	1
RALB	-0.1589854	0.2078638	-0.7649	0.444	-0.194949556	count	1
AP3S1	-0.1396186	0.1058679	-1.3188	0.187	-0.194938162	count	1
BCAS4	-0.1549371	0.1802518	-0.8596	0.39	-0.194887289	count	1
XPO7	-0.2040405	0.3032308	-0.6729	0.501	-0.194827622	count	1
TMEM208	-0.1409003	0.1170955	-1.2033	0.229	-0.194776104	count	1
BCAS2	-0.1378332	0.0681936	-2.0212	0.0433	-0.194709264	count	1
UBE2I	-0.1366519	0.0578368	-2.3627	0.0182	-0.194676528	count	1
CALM1	-0.1350841	0.0223673	-6.0394	1.71E-09	-0.194660614	count	4.14E-05
SNU13	-0.1362494	0.0483192	-2.8198	0.0048	-0.194648038	count	1
BANP	-0.1527744	0.1859366	-0.8216	0.411	-0.194532141	count	1
DEDD2	-0.1417775	0.1156733	-1.2257	0.22	-0.194491385	count	1
ORMDL1	-0.1369638	0.0664414	-2.0614	0.0393	-0.194473712	count	1
TMEM260	-0.194899	0.2606713	-0.7477	0.455	-0.194469027	count	1
CCT3	-0.1381418	0.0751812	-1.8375	0.0662	-0.194455368	count	1
GLOD4	-0.1404091	0.1027631	-1.3663	0.172	-0.194342973	count	1
AP001107.9	-0.6926364	0.6238223	-1.1103	0.267	-0.194217024	count	1
PRR14L	-0.1572324	0.1902972	-0.8262	0.409	-0.194201584	count	1
LINC00539	-0.2994161	0.5236075	-0.5718	0.567	-0.194097874	count	1
STK10	-0.1407782	0.1012587	-1.3903	0.165	-0.194070239	count	1
SERPINB9P1	-0.6919179	0.6316528	-1.0954	0.273	-0.194051977	count	1
ITPR1	-0.2147754	0.1998936	-1.0744	0.283	-0.193914536	count	1
MAPKAPK5-AS1	-0.1460814	0.129924	-1.1244	0.261	-0.193906781	count	1
BCLAF3	-0.175774	0.2364721	-0.7433	0.457	-0.193801201	count	1
MICAL3	-0.3334725	0.2873653	-1.1604	0.246	-0.193569339	count	1
TMEM168	-0.2218286	0.2762449	-0.803	0.422	-0.193539544	count	1
BTBD1	-0.1551511	0.1803024	-0.8605	0.39	-0.193502351	count	1
AKAP11	-0.1469962	0.1578531	-0.9312	0.352	-0.193422582	count	1
TALDO1	-0.1366307	0.0736346	-1.8555	0.0636	-0.193408079	count	1
NAXE	-0.1394808	0.1081072	-1.2902	0.197	-0.193289611	count	1
EXOC3	-0.1654951	0.2120539	-0.7804	0.435	-0.193197879	count	1
ATF2	-0.1573828	0.147935	-1.0639	0.287	-0.19299803	count	1
NFATC1	-0.1687367	0.1880071	-0.8975	0.37	-0.192855685	count	1
SAP30L	-0.161297	0.1674055	-0.9635	0.335	-0.192660862	count	1

NDUFA10	-0.1386164	0.1055026	-1.3139	0.189	-0.192591727	count	1
SPRTN	-0.1491422	0.1680442	-0.8875	0.375	-0.192565285	count	1
ANKRD55	-0.2069008	0.3308702	-0.6253	0.532	-0.192496247	count	1
DDX18	-0.1358031	0.0622001	-2.1833	0.0291	-0.192398056	count	1
CORO7	-0.1507537	0.1389711	-1.0848	0.278	-0.192390393	count	1
HMGB3	-0.1966543	0.3833664	-0.513	0.608	-0.192238213	count	1
MLYCD	-0.1742154	0.2859872	-0.6092	0.542	-0.192103523	count	1
SGK3	-0.1498705	0.1619062	-0.9257	0.355	-0.192060278	count	1
FEM1C	-0.1760617	0.2103558	-0.837	0.403	-0.192057192	count	1
BID	-0.1409093	0.1294749	-1.0883	0.277	-0.19204503	count	1
C6orf120	-0.1553228	0.1947712	-0.7975	0.425	-0.191858419	count	1
DYNLRB1	-0.1348878	0.0634433	-2.1261	0.0336	-0.191810726	count	1
PSMB9	-0.1335645	0.0434303	-3.0754	0.00212	-0.191808067	count	1
EMD	-0.1362044	0.0823046	-1.6549	0.098	-0.191779821	count	1
IRF1	-0.1332185	0.0409886	-3.2501	0.00116	-0.191778949	count	1
CCAR1	-0.1422631	0.1207589	-1.1781	0.239	-0.191763988	count	1
DYNC1L1	-0.1382763	0.1013764	-1.364	0.173	-0.191753469	count	1
PANK2	-0.1458395	0.1385111	-1.0529	0.292	-0.191672271	count	1
SLC31A2	-0.166409	0.2866331	-0.5806	0.562	-0.191643068	count	1
NIPSNAP2	-0.1420375	0.131362	-1.0813	0.28	-0.191585265	count	1
MIEF2	-0.2710804	0.487558	-0.556	0.578	-0.191546159	count	1
HAPLN3	-0.1650808	0.2033592	-0.8118	0.417	-0.191459444	count	1
BX890604.1	-0.2708049	0.4440284	-0.6099	0.542	-0.191359593	count	1
ZNF799	-0.2117318	0.2968255	-0.7133	0.476	-0.191231278	count	1
RPL13A	-0.1327251	0.0173634	-7.6439	2.72E-14	-0.191205604	count	6.60E-10
BSCL2	-0.4747902	0.7622693	-0.6229	0.533	-0.191186333	count	1
GMCL1	-0.1470798	0.1411277	-1.0422	0.297	-0.191168581	count	1
TRIM46	-0.3819579	0.6357881	-0.6008	0.548	-0.191097061	count	1
SRP54	-0.1382601	0.0966388	-1.4307	0.153	-0.191082623	count	1
TIAL1	-0.1362722	0.0839814	-1.6226	0.105	-0.191059488	count	1
PHYKPL	-0.1397648	0.1184798	-1.1797	0.238	-0.190991549	count	1
AC011416.3	-0.6785498	0.8452845	-0.8027	0.422	-0.190966401	count	1
GLS	-0.1346524	0.0620757	-2.1692	0.0301	-0.190931233	count	1
ULK1	-0.1996477	0.4007634	-0.4982	0.618	-0.190717095	count	1
VPS35	-0.1367007	0.0937065	-1.4588	0.145	-0.190627559	count	1
TAF6	-0.1604182	0.2120455	-0.7565	0.449	-0.190626212	count	1
TATDN3	-0.1519223	0.221508	-0.6859	0.493	-0.190597643	count	1
TIRAP	-0.2109307	0.4426048	-0.4766	0.634	-0.190524691	count	1
TRMT6	-0.1423574	0.1398345	-1.018	0.309	-0.190500853	count	1
E4F1	-0.1666332	0.2357161	-0.7069	0.48	-0.190475948	count	1
SCNM1	-0.1382118	0.1245696	-1.1095	0.267	-0.190425099	count	1
EIF4A2	-0.1341421	0.0491384	-2.7299	0.00637	-0.190420718	count	1
AC026471.2	-0.3804929	0.7411352	-0.5134	0.608	-0.190420358	count	1
TOP1	-0.1355466	0.0724709	-1.8704	0.0615	-0.19041466	count	1
ADCY7	-0.1665602	0.228106	-0.7302	0.465	-0.190393348	count	1

ACTR3	-0.1334016	0.0515084	-2.5899	0.0096	-0.190391494	count	1
R3HDM4	-0.1376036	0.108192	-1.2718	0.204	-0.190324041	count	1
PLOD3	-0.1786895	0.279989	-0.6382	0.523	-0.190246929	count	1
FGFRL1	-0.2691351	0.4682001	-0.5748	0.565	-0.190228481	count	1
RSRC1	-0.1396133	0.1176971	-1.1862	0.236	-0.190104546	count	1
UTP14A	-0.1599543	0.2284241	-0.7003	0.484	-0.190079507	count	1
TRA2B	-0.134531	0.0602942	-2.2312	0.0257	-0.190060182	count	1
TAF15	-0.14244	0.1035815	-1.3751	0.169	-0.189971053	count	1
SLC25A30	-0.2102497	0.4494134	-0.4678	0.64	-0.189923926	count	1
H3F3B	-0.1317042	0.0246617	-5.3404	9.88E-08	-0.18986689	count	0.002385328
CD52	-0.1318601	0.0311753	-4.2296	2.40E-05	-0.189813091	count	0.576
RBM5	-0.1406797	0.1351963	-1.0406	0.298	-0.189758697	count	1
GSDMB	-1.583538	0.5456313	-2.9022	0.00373	-0.189751071	count	1
ZNF837	-0.1985858	0.5399164	-0.3678	0.713	-0.189722834	count	1
NUDT4B	-0.4705211	1.1683206	-0.4027	0.687	-0.189650371	count	1
E2F6	-0.3787919	0.3356828	-1.1284	0.259	-0.189634063	count	1
MORN3	-0.2504728	0.2766611	-0.9053	0.365	-0.189582795	count	1
BAZ2A	-0.1491841	0.1390346	-1.073	0.283	-0.189556433	count	1
ZNF16	-0.209787	0.3662875	-0.5727	0.567	-0.189515683	count	1
IP6K1	-0.1514676	0.1633938	-0.927	0.354	-0.189493502	count	1
CCNC	-0.1480963	0.1487708	-0.9955	0.32	-0.189413084	count	1
NOP56	-0.1365525	0.0920536	-1.4834	0.138	-0.189408641	count	1
LEO1	-0.1375048	0.1338395	-1.0274	0.304	-0.189395195	count	1
TRIB1	-0.3258102	0.3525741	-0.9241	0.356	-0.189386309	count	1
PDCL3	-0.1348796	0.083903	-1.6076	0.108	-0.189361134	count	1
FASTK	-0.1482975	0.1597816	-0.9281	0.353	-0.189271476	count	1
JTB	-0.1327901	0.0553133	-2.4007	0.0164	-0.189156003	count	1
CCT5	-0.1340601	0.0816055	-1.6428	0.101	-0.18899032	count	1
AC073111.5	-0.1510339	0.2135044	-0.7074	0.479	-0.1889541	count	1
TAF12	-0.1356692	0.1100415	-1.2329	0.218	-0.188932133	count	1
BEST1	-0.4683043	0.7052354	-0.664	0.507	-0.188851443	count	1
HAUS1	-0.1433278	0.1491569	-0.9609	0.337	-0.188837456	count	1
IER3IP1	-0.1367595	0.1117339	-1.224	0.221	-0.188756362	count	1
DONSON	-0.2667934	0.4434195	-0.6017	0.547	-0.188641142	count	1
SETD5	-0.1491436	0.1699264	-0.8777	0.38	-0.188605611	count	1
ZMYM6	-0.2247905	0.3230502	-0.6958	0.487	-0.18860462	count	1
DHRS12	-0.1595201	0.1885004	-0.8463	0.397	-0.188529488	count	1
LSM7	-0.1322289	0.0619866	-2.1332	0.033	-0.188456828	count	1
NBEA	-0.6677431	1.298476	-0.5143	0.607	-0.188453072	count	1
HEBP1	-0.1473014	0.1932663	-0.7622	0.446	-0.188401373	count	1
TIMM10B	-0.1413557	0.1580097	-0.8946	0.371	-0.188362064	count	1
ELK4	-0.1438319	0.1288304	-1.1164	0.264	-0.188315238	count	1
HNRNPM	-0.1327464	0.0633043	-2.097	0.0361	-0.188301061	count	1
MATR3	-0.323801	0.2230691	-1.4516	0.147	-0.188287285	count	1
WDR24	-0.6670224	0.7265565	-0.9181	0.359	-0.188284915	count	1

TMED8	-0.3757908	0.3937346	-0.9544	0.34	-0.188245308	count	1
SCRN2	-0.1545913	0.2102983	-0.7351	0.462	-0.188114391	count	1
BEX5	-0.1600926	0.1670904	-0.9581	0.338	-0.188103501	count	1
WAC	-0.1361037	0.0880199	-1.5463	0.122	-0.18805764	count	1
KBTBD3	-0.1456164	0.2039566	-0.714	0.475	-0.188033245	count	1
PSMB3	-0.131741	0.0536938	-2.4536	0.0142	-0.18802245	count	1
NOL9	-0.1502391	0.193687	-0.7757	0.438	-0.187965538	count	1
NEDD4L	-0.6656283	0.6019103	-1.1059	0.269	-0.18795924	count	1
RHOBTB2	-0.6656283	0.6791188	-0.9801	0.327	-0.18795924	count	1
MED30	-0.1355861	0.0999422	-1.3566	0.175	-0.18794387	count	1
TCF20	-0.1845552	0.2347006	-0.7863	0.432	-0.187717341	count	1
CUTC	-0.1374969	0.1371417	-1.0026	0.316	-0.187657464	count	1
GOLGA2	-0.1406973	0.1381942	-1.0181	0.309	-0.187654018	count	1
ALG2	-0.1421703	0.1681135	-0.8457	0.398	-0.187534753	count	1
BRWD3	-0.1738373	0.2492722	-0.6974	0.486	-0.187485742	count	1
ZWILCH	-0.3740994	0.3648133	-1.0255	0.305	-0.187461772	count	1
CNOT1	-0.1417075	0.1367393	-1.0363	0.3	-0.187343254	count	1
RBFA	-0.1506332	0.1684966	-0.894	0.371	-0.187325127	count	1
ZNF585B	-0.2010895	0.5091343	-0.395	0.693	-0.187203893	count	1
RSF1	-0.1320885	0.07231	-1.8267	0.0678	-0.187182399	count	1
ANKRD20A8P	-1.54314	1.388933	-1.111	0.267	-0.187160905	count	1
STPG1	-0.191309	0.4502497	-0.4249	0.671	-0.187108145	count	1
RSL24D1	-0.1317974	0.0576964	-2.2843	0.0224	-0.187059066	count	1
TRBV29-1	-0.6617001	1.1584252	-0.5712	0.568	-0.187040206	count	1
OAF	-0.6617001	1.1584252	-0.5712	0.568	-0.187040206	count	1
PRAF2	-0.1411347	0.1650605	-0.855	0.393	-0.186984367	count	1
KDM3B	-0.1695056	0.2155616	-0.7863	0.432	-0.186971032	count	1
SLC9A3R2	-0.2068932	0.3953111	-0.5234	0.601	-0.18696143	count	1
TRAP1	-0.1518361	0.2307536	-0.658	0.511	-0.186924121	count	1
GIMAP8	-0.1549102	0.2202469	-0.7033	0.482	-0.186874788	count	1
TNFRSF10A	-0.145751	0.1559094	-0.9348	0.35	-0.186806167	count	1
UBE2Z	-0.13687	0.1415043	-0.9672	0.333	-0.186803699	count	1
SARNP	-0.1711802	0.2253666	-0.7596	0.448	-0.186797488	count	1
STK11	-0.1484562	0.2005313	-0.7403	0.459	-0.186780572	count	1
MRPL3	-0.1336183	0.1035367	-1.2905	0.197	-0.186763766	count	1
C9orf78	-0.1304342	0.0492235	-2.6498	0.00809	-0.186687299	count	1
SERTAD1	-0.1318077	0.0691915	-1.905	0.0569	-0.186651587	count	1
DENND4B	-0.1540274	0.2170742	-0.7096	0.478	-0.186643686	count	1
LYRM4	-0.1645499	0.1906678	-0.863	0.388	-0.186629008	count	1
XRCC5	-0.130893	0.0537291	-2.4362	0.0149	-0.186517658	count	1
XPO1	-0.1387102	0.120004	-1.1559	0.248	-0.186477831	count	1
BRD2	-0.1316427	0.0601037	-2.1903	0.0286	-0.186454575	count	1
ENAH	-0.4615438	0.9878067	-0.4672	0.64	-0.186409225	count	1
AC011815.2	-0.4615438	1.0201399	-0.4524	0.651	-0.186409225	count	1
ITSN1	-1.5316045	1.100897	-1.3912	0.164	-0.186404938	count	1

DNAJC8	-0.1311387	0.0637729	-2.0563	0.0398	-0.186402515	count	1
ENY2	-0.1311702	0.0642427	-2.0418	0.0412	-0.186292196	count	1
MTMR2	-0.1865471	0.3073783	-0.6069	0.544	-0.186277046	count	1
C9orf40	-0.1566883	0.2196465	-0.7134	0.476	-0.186229739	count	1
B9D2	-0.1575165	0.194861	-0.8084	0.419	-0.186181235	count	1
PRKCSH	-0.1471973	0.1412906	-1.0418	0.298	-0.18615737	count	1
GDE1	-0.1435942	0.1654729	-0.8678	0.386	-0.186062898	count	1
MAPK3	-0.1457318	0.1906248	-0.7645	0.445	-0.186012917	count	1
ADH1B	-1.5255102	0.8435241	-1.8085	0.0706	-0.186002539	count	1
TOX	-0.1385147	0.1271938	-1.089	0.276	-0.185946133	count	1
MPHOSPH9	-0.1533951	0.1847403	-0.8303	0.406	-0.185882982	count	1
C19orf70	-0.1313073	0.0752197	-1.7456	0.081	-0.185858742	count	1
DYRK4	-0.144088	0.1949298	-0.7392	0.46	-0.185738132	count	1
EFNB2	-0.6550797	0.5815345	-1.1265	0.26	-0.18548629	count	1
TPRG1	-0.1486799	0.1862338	-0.7984	0.425	-0.185479012	count	1
PNKP	-0.1365145	0.1301436	-1.049	0.294	-0.185433972	count	1
ARFGEF2	-0.1680802	0.2533224	-0.6635	0.507	-0.185416994	count	1
RCL1	-0.158704	0.2278699	-0.6965	0.486	-0.185340257	count	1
PRDM2	-0.1376619	0.1048744	-1.3126	0.189	-0.185202444	count	1
AL441992.1	-0.1585282	0.2417231	-0.6558	0.512	-0.185136761	count	1
OCIAD1	-0.1302654	0.0677306	-1.9233	0.0545	-0.185065283	count	1
ATXN2	-0.1492239	0.1602966	-0.9309	0.352	-0.184989664	count	1
ARMC1	-0.1367927	0.1416699	-0.9656	0.334	-0.184986965	count	1
SLC35D1	-0.1629535	0.2703442	-0.6028	0.547	-0.18483686	count	1
SMS	-0.134444	0.1187578	-1.1321	0.258	-0.184771821	count	1
PEA15	-0.1511587	0.2312129	-0.6538	0.513	-0.184706847	count	1
RBM45	-0.1784914	0.3214425	-0.5553	0.579	-0.184665868	count	1
AC009948.1	-0.2042082	0.5023053	-0.4065	0.684	-0.184589877	count	1
MAEA	-0.1416086	0.1674164	-0.8458	0.398	-0.18436693	count	1
YPEL2	-0.1671153	0.1956363	-0.8542	0.393	-0.184364823	count	1
ZNF622	-0.1365412	0.1117737	-1.2216	0.222	-0.184308164	count	1
KIAA1109	-0.1381634	0.1182527	-1.1684	0.243	-0.18428469	count	1
SINHCAF	-0.1319396	0.0836004	-1.5782	0.115	-0.184173177	count	1
TAS2R14	-1.496004	1.042709	-1.4347	0.151	-0.184024872	count	1
ATP5MC3	-0.1284799	0.0479201	-2.6811	0.00737	-0.184009747	count	1
PHLPP1	-0.3665824	0.6992359	-0.5243	0.6	-0.183972204	count	1
KLHL35	-0.3159114	0.7183558	-0.4398	0.66	-0.183962835	count	1
PLS3	-1.494101	0.7272708	-2.0544	0.04	-0.183895542	count	1
ZHX1	-0.1436938	0.2040886	-0.7041	0.481	-0.183809067	count	1
ZRANB2	-0.1307228	0.0825846	-1.5829	0.114	-0.183718008	count	1
TMEM169	-0.2595275	0.7799894	-0.3327	0.739	-0.183707828	count	1
EIF3B	-0.1435247	0.1696296	-0.8461	0.398	-0.183593783	count	1
EID2	-0.1440166	0.1544952	-0.9322	0.351	-0.183435511	count	1
ZNHIT6	-0.1474768	0.1667598	-0.8844	0.377	-0.183423142	count	1
ATL2	-0.1680175	0.2450653	-0.6856	0.493	-0.183387621	count	1

ELF2	-0.1318578	0.0899281	-1.4663	0.143	-0.183359341	count	1
RRP1	-0.1424942	0.1961896	-0.7263	0.468	-0.18335623	count	1
NPAT	-0.1359561	0.1299798	-1.046	0.296	-0.183284495	count	1
UPP1	-0.1299222	0.0859882	-1.5109	0.131	-0.183257283	count	1
MAP3K13	-0.1438177	0.1673376	-0.8594	0.39	-0.183183412	count	1
PRPSAP1	-0.1428738	0.1520753	-0.9395	0.348	-0.183135614	count	1
SUGT1	-0.1300991	0.0927269	-1.403	0.161	-0.182860146	count	1
BTF3L4	-0.1319242	0.0999084	-1.3205	0.187	-0.182661417	count	1
PRKCI	-0.1513319	0.2452862	-0.617	0.537	-0.182589323	count	1
UNC13D	-0.1512946	0.191722	-0.7891	0.43	-0.182544644	count	1
STX16	-0.1458603	0.157593	-0.9256	0.355	-0.182518066	count	1
STRN	-0.149945	0.1780532	-0.8421	0.4	-0.182499216	count	1
IRF2BP2	-0.1299906	0.0775713	-1.6758	0.0939	-0.182484927	count	1
SRRM1	-0.1274809	0.0438402	-2.9079	0.00366	-0.18244324	count	1
UQCC1	-0.6418546	0.522351	-1.2288	0.219	-0.182362795	count	1
CDKL5	-0.6418546	0.5325624	-1.2052	0.228	-0.182362795	count	1
EXOC7	-0.1550776	0.1653561	-0.9378	0.348	-0.182260531	count	1
PRSS21	-0.2169878	0.5773797	-0.3758	0.707	-0.182234506	count	1
NDRG1	-0.1688987	0.1585427	-1.0653	0.287	-0.182225929	count	1
AC022706.1	-0.1401459	0.1819853	-0.7701	0.441	-0.182192552	count	1
CNIH4	-0.1299051	0.1052654	-1.2341	0.217	-0.182184011	count	1
RIOK3	-0.1314913	0.1008109	-1.3043	0.192	-0.182149742	count	1
ARL2	-0.1318339	0.1211167	-1.0885	0.276	-0.182118832	count	1
CRYAB	-1.467658	0.6194771	-2.3692	0.0179	-0.182078183	count	1
PDE4A	-0.1822206	0.302047	-0.6033	0.546	-0.182028053	count	1
SIN3A	-0.138428	0.1476498	-0.9375	0.349	-0.181966454	count	1
RNMT	-0.1287808	0.0662447	-1.944	0.052	-0.181919902	count	1
TRIM2	-0.6398117	0.6084844	-1.0515	0.293	-0.181877965	count	1
RETREG3	-0.1666037	0.2102597	-0.7924	0.428	-0.181862788	count	1
TMOD3	-0.1289812	0.0868077	-1.4858	0.137	-0.181808654	count	1
PACS1	-0.1355785	0.1389729	-0.9756	0.329	-0.181740925	count	1
TRNP1	-1.4613144	1.041361	-1.4033	0.161	-0.181636188	count	1
DLG1	-0.1383005	0.1700746	-0.8132	0.416	-0.18157228	count	1
PHKA2	-0.2563046	0.3836088	-0.6681	0.504	-0.18151569	count	1
ATP8A2	-1.458402	1.001524	-1.4562	0.145	-0.181432464	count	1
STAT5B	-0.1484347	0.170948	-0.8683	0.385	-0.181400283	count	1
SF3B6	-0.127902	0.0657337	-1.9458	0.0518	-0.181396126	count	1
AC005261.3	-0.6376504	0.6295002	-1.0129	0.311	-0.181364486	count	1
NRIP3	-0.6374136	0.4187714	-1.5221	0.128	-0.181308169	count	1
AC001226.1	-1.4565052	1.208771	-1.2049	0.228	-0.181299549	count	1
SNHG18	-0.6370931	0.9193534	-0.693	0.488	-0.181231909	count	1
AC002553.2	-0.6370931	0.9974207	-0.6387	0.523	-0.181231909	count	1
AC092687.3	-0.278556	0.7017523	-0.3969	0.691	-0.18120251	count	1
AHCY	-0.1572142	0.2232387	-0.7042	0.481	-0.181152126	count	1
TRMT10C	-0.1293402	0.0820416	-1.5765	0.115	-0.181108261	count	1

IFI35	-0.1326508	0.1287881	-1.03	0.303	-0.181057173	count	1
STYX	-0.1386108	0.1420867	-0.9755	0.329	-0.181005905	count	1
ZCCHC10	-0.1334312	0.139534	-0.9563	0.339	-0.180966959	count	1
GSR	-0.1570418	0.1813224	-0.8661	0.387	-0.18095531	count	1
RINL	-0.1335482	0.1349724	-0.9894	0.323	-0.180924543	count	1
TSEN2	-0.4463613	0.418602	-1.0663	0.286	-0.180893149	count	1
AC016773.1	-0.2069218	0.4436943	-0.4664	0.641	-0.180849274	count	1
TNRC6A	-0.1377013	0.1219678	-1.129	0.259	-0.180788427	count	1
RFX3	-0.2382586	0.3791318	-0.6284	0.53	-0.180650707	count	1
RNF216	-0.1335461	0.1144958	-1.1664	0.244	-0.180607176	count	1
RPL26	-0.1253432	0.0177015	-7.0809	1.73E-12	-0.180599025	count	4.19E-08
IFT80	-0.2775093	0.3435905	-0.8077	0.419	-0.180552827	count	1
UBE2D1	-0.1317174	0.1229689	-1.0711	0.284	-0.180517279	count	1
SH3GLB1	-0.1275799	0.0819968	-1.5559	0.12	-0.180490289	count	1
MFAP3	-0.4451571	0.5219704	-0.8528	0.394	-0.180453783	count	1
TMEM184B	-0.1715959	0.3857554	-0.4448	0.656	-0.180312589	count	1
HHEX	-0.3586404	0.4565978	-0.7855	0.432	-0.180272372	count	1
ZC3H8	-0.135106	0.1371752	-0.9849	0.325	-0.180218726	count	1
NUDT2	-0.1400414	0.153233	-0.9139	0.361	-0.180213918	count	1
ZRANB1	-0.1587545	0.2081016	-0.7629	0.446	-0.18012114	count	1
SEMA4D	-0.1320758	0.0981598	-1.3455	0.179	-0.180113498	count	1
CASC4	-0.137536	0.1326821	-1.0366	0.3	-0.180102614	count	1
MRPS26	-0.1300618	0.1043918	-1.2459	0.213	-0.180086656	count	1
SGTA	-0.1472641	0.2179277	-0.6757	0.499	-0.179979068	count	1
MLF2	-0.1286837	0.1028325	-1.2514	0.211	-0.179950483	count	1
PATJ	-0.1472014	0.2003113	-0.7349	0.462	-0.179902942	count	1
IQGAP2	-0.1264971	0.0648343	-1.9511	0.0511	-0.179791348	count	1
SAR1A	-0.1271385	0.0712951	-1.7833	0.0746	-0.179601711	count	1
RPS6KC1	-0.1582572	0.3002135	-0.5271	0.598	-0.179562463	count	1
TEX2	-0.2053716	0.5153672	-0.3985	0.69	-0.179526789	count	1
KIAA0895L	-0.2757135	0.5391347	-0.5114	0.609	-0.17943761	count	1
FAF1	-0.1388394	0.1757218	-0.7901	0.43	-0.179319176	count	1
AC103702.2	-0.1580269	0.3557668	-0.4442	0.657	-0.179303731	count	1
CREM	-0.1261491	0.0554851	-2.2736	0.0231	-0.179279744	count	1
NMRK1	-0.1275765	0.0964409	-1.3228	0.186	-0.179247198	count	1
GSEC	-0.3072561	0.7395769	-0.4154	0.678	-0.179202726	count	1
RNF25	-0.1435885	0.2258632	-0.6357	0.525	-0.179163308	count	1
GPCPD1	-0.129058	0.0951514	-1.3563	0.175	-0.179144328	count	1
AFAP1L2	-0.2361497	0.4437012	-0.5322	0.595	-0.179105039	count	1
ZNF331	-0.1256388	0.0692092	-1.8153	0.0696	-0.179060947	count	1
ZFP36L1	-0.1247867	0.055237	-2.2591	0.0239	-0.178989458	count	1
ADH5	-0.1263872	0.0783908	-1.6123	0.107	-0.178908642	count	1
RPP40	-0.1789747	0.3193568	-0.5604	0.575	-0.178837925	count	1
ACTN4	-0.1268201	0.0874354	-1.4504	0.147	-0.17868075	count	1
AC006064.4	-0.4398887	0.6994375	-0.6289	0.529	-0.178528323	count	1

PYURF	-0.1255542	0.0661045	-1.8993	0.0576	-0.178387862	count	1
ANKRD46	-0.186494	0.2634875	-0.7078	0.479	-0.178385027	count	1
RAD50	-0.1570068	0.3046497	-0.5154	0.606	-0.178157581	count	1
TLR5	-0.3539744	0.7021255	-0.5041	0.614	-0.178092489	count	1
DNAJC9	-0.1314295	0.1111583	-1.1824	0.237	-0.178060881	count	1
SELENON	-0.305158	0.3639066	-0.8386	0.402	-0.178046331	count	1
WNT2B	-0.4384535	0.6766139	-0.648	0.517	-0.178002882	count	1
EML4	-0.1251718	0.0540754	-2.3148	0.0207	-0.177980426	count	1
HSPA8	-0.1234542	0.0303633	-4.0659	4.89E-05	-0.177730811	count	1
SNW1	-0.1257124	0.0744838	-1.6878	0.0915	-0.177676471	count	1
RBM38	-0.1256964	0.0652321	-1.9269	0.0541	-0.177599484	count	1
CDK5RAP1	-0.1356166	0.1635348	-0.8293	0.407	-0.177598279	count	1
SLC29A2	-0.1777128	0.5173091	-0.3435	0.731	-0.177597166	count	1
PUM1	-0.138533	0.1422662	-0.9738	0.33	-0.177596494	count	1
CCSER2	-0.1258718	0.0680762	-1.849	0.0645	-0.177587051	count	1
PTPN1	-0.1283626	0.0889144	-1.4437	0.149	-0.177471334	count	1
RB1	-0.1341534	0.1336977	-1.0034	0.316	-0.177388881	count	1
RPL35	-0.1231953	0.02072	-5.9457	3.03E-09	-0.177351544	count	7.33E-05
CORO1A	-0.1231499	0.0330119	-3.7305	0.000194	-0.177177627	count	1
NPM1	-0.123237	0.0277441	-4.4419	9.20E-06	-0.177168845	count	0.2211772
AC098487.1	-0.3519527	0.6639798	-0.5301	0.596	-0.177146549	count	1
SCAMP1-AS1	-0.1685396	0.2750547	-0.6127	0.54	-0.177143997	count	1
SH3GLB2	-0.1320275	0.1454166	-0.9079	0.364	-0.177128532	count	1
AP1S2	-0.1295979	0.117801	-1.1001	0.271	-0.176975508	count	1
SMIM13	-0.1523963	0.2196441	-0.6938	0.488	-0.176876266	count	1
ZMYM2	-0.1308486	0.1125484	-1.1626	0.245	-0.176861369	count	1
ZC3H18	-0.1379544	0.1446197	-0.9539	0.34	-0.176858039	count	1
LSM8	-0.1246693	0.0659967	-1.889	0.059	-0.176667297	count	1
SRSF4	-0.1261438	0.0926454	-1.3616	0.173	-0.176659687	count	1
EIF4EBP2	-0.1308266	0.1351855	-0.9678	0.333	-0.176613179	count	1
COX18	-0.1734417	0.2910026	-0.596	0.551	-0.17658298	count	1
MMGT1	-0.1391935	0.171655	-0.8109	0.417	-0.176511672	count	1
SYP	-0.2487751	0.518234	-0.48	0.631	-0.176385013	count	1
DIAPH1	-0.128028	0.095758	-1.337	0.181	-0.176364008	count	1
AC022098.1	-0.1700028	0.4701347	-0.3616	0.718	-0.176007211	count	1
TCF4	-1.3823551	0.81747	-1.691	0.0909	-0.175935471	count	1
IWS1	-0.1268464	0.1087833	-1.166	0.244	-0.175846663	count	1
UFD1	-0.1247371	0.0900879	-1.3846	0.166	-0.175803983	count	1
IP6K2	-0.1308988	0.127266	-1.0285	0.304	-0.175749232	count	1
DPM3	-0.1271438	0.1119288	-1.1359	0.256	-0.175743071	count	1
DNAJB4	-0.1589618	0.1906948	-0.8336	0.405	-0.175467845	count	1
EYA3	-0.1573848	0.236976	-0.6641	0.507	-0.175461766	count	1
FOSL2	-0.1273681	0.0946914	-1.3451	0.179	-0.175456476	count	1
HNRNPR	-0.1237608	0.0633404	-1.9539	0.0508	-0.17540463	count	1
OBSCN	-0.3480867	0.5502926	-0.6325	0.527	-0.17533529	count	1

REEP3	-0.1288055	0.1397004	-0.922	0.357	-0.175334976	count	1
KDELR2	-0.124577	0.0874785	-1.4241	0.155	-0.175237792	count	1
NAB1	-0.1603922	0.2402537	-0.6676	0.504	-0.175159549	count	1
CENPB	-0.1422208	0.1830994	-0.7767	0.437	-0.175158496	count	1
NOD1	-0.2686947	0.482902	-0.5564	0.578	-0.17507178	count	1
GAMT	-0.1407234	0.1933115	-0.728	0.467	-0.175070915	count	1
FAM13B	-0.1379126	0.1449021	-0.9518	0.341	-0.174895201	count	1
KIF18A	-0.6105298	0.4468587	-1.3663	0.172	-0.174862158	count	1
ENGASE	-0.2464049	0.5582773	-0.4414	0.659	-0.174767249	count	1
AIFM1	-0.1396229	0.2142376	-0.6517	0.515	-0.174754963	count	1
EI24	-0.1408635	0.1748645	-0.8056	0.421	-0.174685044	count	1
RP9	-0.1280079	0.1495987	-0.8557	0.392	-0.174655551	count	1
STK25	-0.1287483	0.1299589	-0.9907	0.322	-0.174534081	count	1
SHARPIN	-0.1260563	0.1137961	-1.1077	0.268	-0.174376616	count	1
RNF19B	-0.1925969	0.2829248	-0.6807	0.496	-0.174316385	count	1
UBE2T	-0.1491617	0.2525018	-0.5907	0.555	-0.174288504	count	1
FOXN3	-0.1275533	0.1149249	-1.1099	0.267	-0.174263422	count	1
RAB5A	-0.1287123	0.0986374	-1.3049	0.192	-0.174187879	count	1
PSTPIP1	-0.1254271	0.0906975	-1.3829	0.167	-0.174147987	count	1
AC020656.1	-0.6070147	0.6631841	-0.9153	0.36	-0.174011486	count	1
KPTN	-0.6070147	0.7271578	-0.8348	0.404	-0.174011486	count	1
PAPOLA	-0.1234178	0.0719812	-1.7146	0.0865	-0.173999618	count	1
CBFA2T2	-0.1775565	0.2286446	-0.7766	0.437	-0.173883321	count	1
ME2	-0.132077	0.1296693	-1.0186	0.308	-0.173857459	count	1
RAF1	-0.170635	0.1685362	-1.0125	0.311	-0.173767337	count	1
AL020996.1	-0.2664821	0.8517353	-0.3129	0.754	-0.173693178	count	1
WASL	-0.138367	0.1678267	-0.8245	0.41	-0.173680557	count	1
ABRACL	-0.121172	0.050431	-2.4027	0.0163	-0.173500979	count	1
ABT1	-0.1249302	0.1020729	-1.2239	0.221	-0.173459004	count	1
LSM2	-0.1226161	0.0895472	-1.3693	0.171	-0.173453613	count	1
CIB2	-0.1770936	0.3147988	-0.5626	0.574	-0.17343753	count	1
FAM131B	-0.4260123	0.8297797	-0.5134	0.608	-0.173431861	count	1
KRT8	-0.4260123	0.8856134	-0.481	0.631	-0.173431861	count	1
JAKMIP1	-0.1371843	0.175588	-0.7813	0.435	-0.173121478	count	1
LNPB	-0.1387158	0.1967002	-0.7052	0.481	-0.173116351	count	1
TGIF1	-0.1236724	0.0768429	-1.6094	0.108	-0.173113351	count	1
CAPZA2	-0.1237077	0.0877605	-1.4096	0.159	-0.17309405	count	1
MIR210HG	-0.2654857	0.8067287	-0.3291	0.742	-0.173071988	count	1
CSTF3	-0.1369242	0.2228228	-0.6145	0.539	-0.172794867	count	1
TDRD3	-0.1376364	0.1838165	-0.7488	0.454	-0.172768235	count	1
RHOD	-0.2273794	0.5885812	-0.3863	0.699	-0.172666187	count	1
SNAP29	-0.1295074	0.1588345	-0.8154	0.415	-0.172618876	count	1
BDP1	-0.1221124	0.0738504	-1.6535	0.0983	-0.172602397	count	1
SPG21	-0.1293569	0.1541854	-0.839	0.402	-0.172571555	count	1
PCYOX1	-0.1598393	0.2748052	-0.5816	0.561	-0.172566496	count	1

RNF115	-0.1238306	0.0938232	-1.3198	0.187	-0.172404396	count	1
GIMAP4	-0.1203513	0.0525935	-2.2883	0.0222	-0.172309113	count	1
LNX1	-0.5997992	0.7368925	-0.814	0.416	-0.172259602	count	1
TRIR	-0.120138	0.0403509	-2.9773	0.00293	-0.172256868	count	1
CCDC30	-0.3409775	0.4397765	-0.7753	0.438	-0.17199637	count	1
IGFBP2	-0.1318313	0.3741894	-0.3523	0.725	-0.171938198	count	1
SYNGR2	-0.1237783	0.1041166	-1.1888	0.235	-0.171825509	count	1
ST6GALNAC1	-0.2262338	0.4973638	-0.4549	0.649	-0.171823838	count	1
AC104986.2	-0.2262338	0.5535149	-0.4087	0.683	-0.171823838	count	1
RRP1B	-0.1239917	0.1068428	-1.1605	0.246	-0.17181577	count	1
TMEM159	-0.1339866	0.1715714	-0.7809	0.435	-0.171793226	count	1
EIF4A3	-0.1215823	0.0737837	-1.6478	0.0995	-0.171790769	count	1
GADD45GIP1	-0.1211888	0.0706988	-1.7142	0.0866	-0.171698326	count	1
FUBP1	-0.1293884	0.1016331	-1.2731	0.203	-0.171644307	count	1
SERPINB1	-0.1206499	0.0663657	-1.818	0.0692	-0.171609602	count	1
RBCK1	-0.1218135	0.0835945	-1.4572	0.145	-0.171519672	count	1
USO1	-0.1364678	0.1621833	-0.8414	0.4	-0.171308855	count	1
MIS18BP1	-0.1227677	0.121033	-1.0143	0.31	-0.171276767	count	1
KDM5D	-0.1508787	0.2127124	-0.7093	0.478	-0.171268969	count	1
NAPB	-0.2928508	0.4479861	-0.6537	0.513	-0.171243402	count	1
DNMT1	-0.122776	0.0878039	-1.3983	0.162	-0.171204505	count	1
SGCA	-0.5949467	0.9083704	-0.655	0.513	-0.171077126	count	1
PISD	-0.1473343	0.2762162	-0.5334	0.594	-0.171050198	count	1
THAP7	-0.1254727	0.1233048	-1.0176	0.309	-0.170969574	count	1
RAE1	-0.1303494	0.1607588	-0.8108	0.418	-0.170949514	count	1
MRPL39	-0.1283411	0.1622119	-0.7912	0.429	-0.170913899	count	1
TTC39C	-0.1211497	0.0761977	-1.5899	0.112	-0.17090551	count	1
HERC1	-0.1368288	0.1664309	-0.8221	0.411	-0.170773944	count	1
TSPOAP1	-0.1707438	0.5646177	-0.3024	0.762	-0.170739384	count	1
FLII	-0.1367702	0.1671598	-0.8182	0.413	-0.170701195	count	1
EP300	-0.1427703	0.1422781	-1.0035	0.316	-0.170689659	count	1
NTNG2	-0.188334	0.5735575	-0.3284	0.743	-0.170537472	count	1
BACH2	-0.1740021	0.2793586	-0.6229	0.533	-0.170459234	count	1
ANK3	-0.1528506	0.1524913	-1.0024	0.316	-0.170457733	count	1
ZBTB44	-0.1337594	0.1596726	-0.8377	0.402	-0.170429982	count	1
BRF1	-0.1880923	0.2873295	-0.6546	0.513	-0.170323099	count	1
SLC25A39	-0.125472	0.1260259	-0.9956	0.32	-0.170287338	count	1
SYNRG	-0.1212519	0.071392	-1.6984	0.0895	-0.17028242	count	1
NT5C3A	-0.1229071	0.1109891	-1.1074	0.268	-0.170275146	count	1
GCC2	-0.1199309	0.0569803	-2.1048	0.0354	-0.170271073	count	1
ATXN1	-0.1297536	0.1116993	-1.1616	0.245	-0.170170794	count	1
USF3	-0.1324081	0.1456191	-0.9093	0.363	-0.170109807	count	1
CASD1	-0.1362898	0.1900187	-0.7172	0.473	-0.170104793	count	1
DNAJB1	-0.11848	0.0589449	-2.01	0.0445	-0.170024448	count	1
CLK2	-0.1667347	0.3084573	-0.5405	0.589	-0.169852174	count	1

CD81	-0.1181559	0.040335	-2.9294	0.00342	-0.169825254	count	1
NKX3-1	-0.4162197	0.4995656	-0.8332	0.405	-0.169813491	count	1
SPTBN1	-0.1318526	0.1611852	-0.818	0.413	-0.169719393	count	1
NENF	-0.1204048	0.0876755	-1.3733	0.17	-0.169689673	count	1
OXR1	-0.1288984	0.1636205	-0.7878	0.431	-0.169686964	count	1
RING1	-0.1308359	0.1732708	-0.7551	0.45	-0.169594929	count	1
HIST1H2AC	-0.1470773	0.2602426	-0.5652	0.572	-0.169572086	count	1
AC009133.1	-0.1817022	0.3059343	-0.5939	0.553	-0.169496959	count	1
MTPAP	-0.1480863	0.2920167	-0.5071	0.612	-0.169464918	count	1
NPTXR	-0.4149159	0.6038847	-0.6871	0.492	-0.169330383	count	1
GYS1	-0.5877497	0.517897	-1.1349	0.257	-0.169316993	count	1
PDCD4	-0.1188613	0.0545986	-2.177	0.0295	-0.169271631	count	1
SMCR8	-0.2226014	0.3286958	-0.6772	0.498	-0.169151017	count	1
CRELD2	-0.1236522	0.1162745	-1.0635	0.288	-0.169084808	count	1
ZGRF1	-0.5864761	0.6406251	-0.9155	0.36	-0.169004715	count	1
METAP2	-0.1210116	0.0887957	-1.3628	0.173	-0.168987938	count	1
RECQL	-0.1220357	0.1003861	-1.2157	0.224	-0.168822854	count	1
RPF2	-0.1266288	0.1575617	-0.8037	0.422	-0.168792663	count	1
USP10	-0.1262423	0.1330238	-0.949	0.343	-0.168716246	count	1
MGAT4B	-0.131661	0.1753858	-0.7507	0.453	-0.168483399	count	1
F12	-0.1924465	0.5462869	-0.3523	0.725	-0.168480079	count	1
NSD3	-0.1179731	0.0529997	-2.2259	0.0261	-0.168452125	count	1
MOCS3	-0.4124347	0.5320815	-0.7751	0.438	-0.168410107	count	1
MAMLD1	-1.2852263	1.0664815	-1.2051	0.228	-0.168397118	count	1
AL132656.2	-1.2852263	1.0664815	-1.2051	0.228	-0.168397118	count	1
CEBPB-AS1	-1.2852263	1.0664815	-1.2051	0.228	-0.168397118	count	1
OLFM1	-1.2852263	1.354476	-0.9489	0.343	-0.168397118	count	1
KCNAB2	-0.129266	0.1604668	-0.8056	0.421	-0.168356015	count	1
ARPC1A	-0.1296626	0.1750837	-0.7406	0.459	-0.168350961	count	1
C2orf49	-0.1244198	0.1574451	-0.7902	0.429	-0.168292486	count	1
LY6E	-0.1173278	0.0514118	-2.2821	0.0225	-0.168232015	count	1
UBC	-0.1165535	0.0227378	-5.126	3.13E-07	-0.167911037	count	0.007552377
PRPSAP2	-0.1352645	0.1580936	-0.8556	0.392	-0.167779771	count	1
FOXO4	-0.4107098	0.50757	-0.8092	0.418	-0.167769667	count	1
UFL1	-0.1213415	0.1260829	-0.9624	0.336	-0.167734626	count	1
AC011978.2	-0.2863763	0.6529747	-0.4386	0.661	-0.167651108	count	1
KHSRP	-0.1750338	0.2360831	-0.7414	0.458	-0.167612121	count	1
NDUFS8	-0.1183224	0.0830358	-1.425	0.154	-0.167599843	count	1
HOXA-AS2	-0.4100137	0.8301507	-0.4939	0.621	-0.167511054	count	1
LYST	-0.1205899	0.1270351	-0.9493	0.343	-0.167510084	count	1
FTL	-0.1162152	0.0230111	-5.0504	4.64E-07	-0.167485569	count	0.01119168
STXBP5	-0.1794826	0.3049641	-0.5885	0.556	-0.167464786	count	1
ABHD4	-0.2564901	0.5016866	-0.5113	0.609	-0.167453685	count	1
BAG1	-0.119098	0.0934914	-1.2739	0.203	-0.167443438	count	1
PAXIP1-AS1	-0.1550333	0.2310388	-0.671	0.502	-0.167436541	count	1

SAE1	-0.1263268	0.1467495	-0.8608	0.389	-0.167424305	count	1
IFRD1	-0.1213315	0.08657	-1.4015	0.161	-0.167254339	count	1
DPP8	-0.1275771	0.16474	-0.7744	0.439	-0.167105758	count	1
UBE2J1	-0.1240813	0.1369844	-0.9058	0.365	-0.166975964	count	1
LANCL1	-0.1496588	0.2646125	-0.5656	0.572	-0.166933265	count	1
FAM173B	-0.2194883	0.3808001	-0.5764	0.564	-0.166857927	count	1
SIRT6	-0.1381385	0.2358958	-0.5856	0.558	-0.166774969	count	1
AGPAT5	-0.1401929	0.2359527	-0.5942	0.552	-0.166764654	count	1
PFN2	-0.2552816	0.7530181	-0.339	0.735	-0.16669751	count	1
SVIP	-0.1176273	0.073466	-1.6011	0.109	-0.166507774	count	1
ACVR1	-0.3292216	0.3363058	-0.9789	0.328	-0.16645182	count	1
STK32C	-0.1899186	0.2937715	-0.6465	0.518	-0.166315346	count	1
SLIRP	-0.1249808	0.1204195	-1.0379	0.299	-0.166297322	count	1
WDR34	-0.5754302	0.8993585	-0.6398	0.522	-0.166286204	count	1
CCDC47	-0.1192473	0.0988596	-1.2062	0.228	-0.16620584	count	1
RHOF	-0.1172784	0.0696095	-1.6848	0.0921	-0.166121954	count	1
ZFYVE21	-0.1430355	0.1992764	-0.7178	0.473	-0.166099707	count	1
HNRNPA3	-0.1163966	0.0500276	-2.3266	0.02	-0.166091281	count	1
RSBN1L	-0.1168591	0.0648077	-1.8032	0.0715	-0.166062072	count	1
PPP2R5A	-0.1237512	0.1188345	-1.0414	0.298	-0.16605271	count	1
AGO3	-0.133414	0.1784729	-0.7475	0.455	-0.166025605	count	1
AC016831.7	-0.128933	0.1014362	-1.2711	0.204	-0.165976337	count	1
ATP5F1C	-0.1165985	0.064838	-1.7983	0.0722	-0.165954569	count	1
TM2D3	-0.1195949	0.1018943	-1.1737	0.241	-0.165844831	count	1
ZCCHC4	-0.1656888	0.3481853	-0.4759	0.634	-0.165759251	count	1
CDH23	-0.4050379	0.9977802	-0.4059	0.685	-0.165659807	count	1
LZTFL1	-0.1689723	0.3466946	-0.4874	0.626	-0.165609628	count	1
SPAG16	-0.1424963	0.2217123	-0.6427	0.52	-0.165478583	count	1
DNAJC14	-0.2533332	0.3759987	-0.6738	0.501	-0.165477674	count	1
PGAM5	-0.1433895	0.2629571	-0.5453	0.586	-0.165355614	count	1
SH3KBP1	-0.1161526	0.0574743	-2.0209	0.0434	-0.165289406	count	1
JAK1	-0.1153094	0.0420973	-2.7391	0.00619	-0.16527795	count	1
BBIP1	-0.1225609	0.1615365	-0.7587	0.448	-0.165267983	count	1
BRD7	-0.1179591	0.0893906	-1.3196	0.187	-0.165249929	count	1
SNRPC	-0.118232	0.0902379	-1.3102	0.19	-0.165233027	count	1
MYL12B	-0.1146932	0.0289014	-3.9684	7.38E-05	-0.165092794	count	1
ELAVL1	-0.1217953	0.1237475	-0.9842	0.325	-0.165036289	count	1
ZNF385D	-0.2815007	0.9237204	-0.3047	0.761	-0.164939847	count	1
CHN2	-0.2524114	0.4135751	-0.6103	0.542	-0.164900267	count	1
HNRNPC	-0.1157626	0.0501597	-2.3079	0.0211	-0.164832498	count	1
DYRK1A	-0.1392526	0.1558907	-0.8933	0.372	-0.164751	count	1
SLC31A1	-0.3256192	0.4725008	-0.6891	0.491	-0.164746995	count	1
SLC35C2	-0.12243	0.1456603	-0.8405	0.401	-0.16464381	count	1
IKBKB	-0.148973	0.198684	-0.7498	0.453	-0.164553603	count	1
RAB3D	-0.3249538	0.4964266	-0.6546	0.513	-0.164431806	count	1

ARHGEF1	-0.116352	0.0706293	-1.6474	0.0996	-0.164395426	count	1
IKBIP	-0.1208054	0.1223416	-0.9874	0.323	-0.164386426	count	1
TSR3	-0.1184387	0.1049842	-1.1282	0.259	-0.164352264	count	1
VCPKMT	-0.128924	0.1431794	-0.9004	0.368	-0.164295622	count	1
PNPLA8	-0.1185281	0.0858592	-1.3805	0.168	-0.164177912	count	1
PQLC1	-0.1279564	0.1477779	-0.8659	0.387	-0.164093151	count	1
KANSL1L	-0.5664687	0.5369592	-1.055	0.292	-0.164067555	count	1
AKTIP	-0.1209392	0.140576	-0.8603	0.39	-0.164059891	count	1
PIGM	-0.1518566	0.3839387	-0.3955	0.692	-0.164043585	count	1
TM9SF2	-0.1202654	0.1284461	-0.9363	0.349	-0.164037972	count	1
TPMT	-0.1283653	0.1792336	-0.7162	0.474	-0.163940834	count	1
PGK1	-0.1144729	0.046168	-2.4795	0.0132	-0.163852619	count	1
ARNTL	-0.1253911	0.1612079	-0.7778	0.437	-0.163801969	count	1
PSMG2	-0.1162959	0.0821325	-1.416	0.157	-0.163770598	count	1
ULK2	-0.2036281	0.4389949	-0.4639	0.643	-0.163719052	count	1
RALBP1	-0.1164829	0.0855976	-1.3608	0.174	-0.163657714	count	1
GBP4	-0.1173918	0.113864	-1.031	0.303	-0.163594613	count	1
DCN	-0.3994795	0.3809388	-1.0487	0.294	-0.16358632	count	1
IK	-0.1152053	0.0584027	-1.9726	0.0486	-0.163565454	count	1
ATRX	-0.1159431	0.0665205	-1.743	0.0814	-0.163554185	count	1
ANKRD11	-0.1161749	0.0748618	-1.5519	0.121	-0.163544716	count	1
C2CD5	-0.1941808	0.2869124	-0.6768	0.499	-0.163537667	count	1
PAQR8	-0.1577916	0.3786492	-0.4167	0.677	-0.16352834	count	1
COMMD1	-0.1175825	0.1140208	-1.0312	0.303	-0.163468979	count	1
HMG20B	-0.1222675	0.1356585	-0.9013	0.367	-0.16341785	count	1
STK4	-0.1140068	0.0369824	-3.0827	0.00207	-0.163397222	count	1
GPD1L	-0.1666154	0.3151433	-0.5287	0.597	-0.163335465	count	1
DDX43	-0.5635003	0.8149973	-0.6914	0.489	-0.163329964	count	1
PDK1	-0.1631847	0.2605987	-0.6262	0.531	-0.163290444	count	1
CITED4	-0.1365076	0.1956835	-0.6976	0.485	-0.163252715	count	1
PLEKHA2	-0.1296487	0.1747506	-0.7419	0.458	-0.163231134	count	1
MRPL18	-0.1165259	0.0976033	-1.1939	0.233	-0.163223803	count	1
NME6	-0.1269953	0.179116	-0.709	0.478	-0.16318355	count	1
MRPL55	-0.1189016	0.1178896	-1.0086	0.313	-0.163103888	count	1
FAM160B2	-0.1600068	0.2680189	-0.597	0.551	-0.163091997	count	1
LMBRD2	-0.1491618	0.3070619	-0.4858	0.627	-0.163023926	count	1
AC037459.3	-0.2493842	0.9799539	-0.2545	0.799	-0.163002706	count	1
PITPNA	-0.1233457	0.1684218	-0.7324	0.464	-0.162961882	count	1
HNRNPF	-0.1140509	0.0490552	-2.3249	0.0201	-0.162863413	count	1
RPF1	-0.1233061	0.137964	-0.8938	0.372	-0.162726991	count	1
TFE3	-0.1659538	0.3328839	-0.4985	0.618	-0.162696894	count	1
SKAP1	-0.1137612	0.0545472	-2.0856	0.0371	-0.162632835	count	1
PDHX	-0.144417	0.2510488	-0.5753	0.565	-0.162615071	count	1
SLC25A37	-0.1243003	0.1536433	-0.809	0.419	-0.162607765	count	1
TMEM121	-0.1794021	0.3401909	-0.5274	0.598	-0.162607273	count	1

MTERF2	-0.1568449	0.2514988	-0.6236	0.533	-0.162559763	count	1
RTL8C	-0.1267017	0.2072761	-0.6113	0.541	-0.162490601	count	1
LRRCC1	-0.156764	0.3497313	-0.4482	0.654	-0.162476986	count	1
KIAA0586	-0.1223861	0.1384693	-0.8839	0.377	-0.162381436	count	1
FNBP4	-0.1157709	0.0733894	-1.5775	0.115	-0.162304849	count	1
ISCU	-0.1138419	0.056722	-2.007	0.0448	-0.162301619	count	1
NIFK	-0.1156572	0.092255	-1.2537	0.21	-0.162220701	count	1
RAB34	-0.128091	0.3014634	-0.4249	0.671	-0.162104167	count	1
NFKBID	-0.1242137	0.1360411	-0.9131	0.361	-0.162037107	count	1
PRIM2	-0.1376836	0.199098	-0.6915	0.489	-0.161968405	count	1
NDUFA7	-0.158822	0.2753891	-0.5767	0.564	-0.161900645	count	1
ACOX1	-0.1785667	0.3031331	-0.5891	0.556	-0.161864708	count	1
PHC3	-0.1198657	0.1406091	-0.8525	0.394	-0.161848904	count	1
HEXB	-0.1186957	0.143806	-0.8254	0.409	-0.161827366	count	1
GOLPH3	-0.1203965	0.1321121	-0.9113	0.362	-0.161800058	count	1
VOPP1	-0.1245553	0.1236057	-1.0077	0.314	-0.16174346	count	1
C17orf100	-0.3192282	0.5106045	-0.6252	0.532	-0.161715828	count	1
AHI1	-0.1289884	0.1654066	-0.7798	0.436	-0.161510017	count	1
PPT1	-0.1184957	0.1280014	-0.9257	0.355	-0.161480604	count	1
TRMT61B	-0.1292973	0.2199936	-0.5877	0.557	-0.161421118	count	1
AL024508.2	-0.2468559	0.516375	-0.4781	0.633	-0.161416311	count	1
ZNF587	-0.2750211	0.3588349	-0.7664	0.443	-0.161328533	count	1
MPP6	-0.1582475	0.2337084	-0.6771	0.498	-0.161322875	count	1
QARS	-0.1233869	0.1503656	-0.8206	0.412	-0.161192572	count	1
TMEM219	-0.1138852	0.0745725	-1.5272	0.127	-0.161163114	count	1
RAD1	-0.1221791	0.1643353	-0.7435	0.457	-0.160868527	count	1
FAM96A	-0.1161464	0.1281036	-0.9067	0.365	-0.160844897	count	1
BTBD11	-0.5533397	0.5384521	-1.0276	0.304	-0.160795625	count	1
CNFN	-0.2740643	1.0755018	-0.2548	0.799	-0.160794496	count	1
ADAT1	-0.163969	0.2060407	-0.7958	0.426	-0.16078068	count	1
RRP7A	-0.1160535	0.1295602	-0.8957	0.37	-0.160677606	count	1
CHIC2	-0.115195	0.0927743	-1.2417	0.214	-0.16059127	count	1
SIRT1	-0.1249465	0.1564639	-0.7986	0.425	-0.160561233	count	1
VCP	-0.1165432	0.0925445	-1.2593	0.208	-0.160517916	count	1
ARL13B	-0.1602671	0.2092647	-0.7659	0.444	-0.160412466	count	1
RBM33	-0.118356	0.1123425	-1.0535	0.292	-0.160385521	count	1
CRLF1	-1.1896158	1.194433	-0.996	0.319	-0.160378154	count	1
RPS16	-0.1112734	0.0187554	-5.9329	3.28E-09	-0.160279056	count	7.93E-05
ADAMTS6	-0.1990879	0.4375527	-0.455	0.649	-0.160162886	count	1
RFNG	-0.1222475	0.1771016	-0.6903	0.49	-0.160147343	count	1
RAB10	-0.1163825	0.1086852	-1.0708	0.284	-0.160145754	count	1
SPAST	-0.1378119	0.1742494	-0.7909	0.429	-0.160080747	count	1
OST4	-0.1116933	0.0393841	-2.836	0.0046	-0.160043989	count	1
CRIP1	-0.1206101	0.154712	-0.7796	0.436	-0.160031576	count	1
ALDOC	-0.131921	0.2539179	-0.5195	0.603	-0.160019445	count	1

GPATCH4	-0.1196541	0.1562573	-0.7658	0.444	-0.159933679	count	1
MYBL2	-1.184393	1.173914	-1.0089	0.313	-0.159922351	count	1
VWA7	-1.184393	1.236326	-0.958	0.338	-0.159922351	count	1
ERICH1	-0.1141288	0.0929793	-1.2275	0.22	-0.159908782	count	1
TBC1D31	-0.1350596	0.268839	-0.5024	0.615	-0.159824879	count	1
CCS	-0.1162085	0.1325047	-0.877	0.381	-0.159749646	count	1
NDUFS1	-0.1227918	0.1546147	-0.7942	0.427	-0.159710637	count	1
AL031963.3	-0.1761158	0.4755404	-0.3703	0.711	-0.15968533	count	1
STRADB	-0.2440314	0.390948	-0.6242	0.533	-0.159642353	count	1
CDC42EP2	-0.5484987	0.5455434	-1.0054	0.315	-0.15958269	count	1
PET117	-0.1264045	0.2585506	-0.4889	0.625	-0.159579652	count	1
AC147651.4	-0.159408	0.3769131	-0.4229	0.672	-0.159564726	count	1
APOBEC3A	-0.5482483	0.8412686	-0.6517	0.515	-0.159519856	count	1
CDC42BPG	-0.5482483	0.8670399	-0.6323	0.527	-0.159519856	count	1
SLC16A13	-0.2717203	0.549713	-0.4943	0.621	-0.159485339	count	1
LTA4H	-0.1218477	0.149717	-0.8139	0.416	-0.15940974	count	1
SWT1	-0.1818332	0.3368895	-0.5397	0.589	-0.159382358	count	1
WDR55	-0.1265549	0.1638106	-0.7726	0.44	-0.159353943	count	1
LRRRC75A	-0.1183687	0.1364985	-0.8672	0.386	-0.159306033	count	1
THAP12	-0.1152946	0.1088776	-1.0589	0.29	-0.159303087	count	1
ABHD16A	-1.177254	0.7415603	-1.5875	0.112	-0.159296247	count	1
UBXN4	-0.1116874	0.057651	-1.9373	0.0528	-0.159059402	count	1
FAM241B	-0.1328657	0.2387086	-0.5566	0.578	-0.158925702	count	1
FOXJ1	-0.2086931	0.4527623	-0.4609	0.645	-0.158889383	count	1
7-Sep	-0.1105231	0.0346527	-3.1894	0.00144	-0.158877164	count	1
CD72	-0.2706087	0.4875793	-0.555	0.579	-0.158864078	count	1
INPP1	-0.1811423	0.3116433	-0.5812	0.561	-0.158789285	count	1
ZNF195	-0.1193154	0.1478744	-0.8069	0.42	-0.158779035	count	1
PER3	-0.1971403	0.3865546	-0.51	0.61	-0.158636011	count	1
GNB1	-0.1152455	0.1039814	-1.1083	0.268	-0.158583586	count	1
ARID1A	-0.1210374	0.1280764	-0.945	0.345	-0.158567124	count	1
CRCP	-0.1197149	0.1420519	-0.8428	0.399	-0.158520769	count	1
PRPF4	-0.1272625	0.1775064	-0.7169	0.473	-0.158408834	count	1
TBC1D1	-0.1172019	0.122169	-0.9593	0.337	-0.158358256	count	1
ZNF516	-0.3855212	0.7330542	-0.5259	0.599	-0.1583539	count	1
LINC02352	-0.3855212	0.7462841	-0.5166	0.605	-0.1583539	count	1
NOL3	-0.543519	0.7215662	-0.7532	0.451	-0.158331451	count	1
EXOSC3	-0.1187425	0.1477973	-0.8034	0.422	-0.158307615	count	1
WRN	-0.1371863	0.2636782	-0.5203	0.603	-0.158258776	count	1
SDHB	-0.1138013	0.0994403	-1.1444	0.253	-0.158187157	count	1
MVP	-0.1162883	0.11641	-0.999	0.318	-0.158173343	count	1
KXD1	-0.1140266	0.114164	-0.9988	0.318	-0.158132904	count	1
PHF7	-0.1649207	0.3503196	-0.4708	0.638	-0.158083705	count	1
CHSY1	-0.1335627	0.2187393	-0.6106	0.542	-0.158065699	count	1
POLR2H	-0.116758	0.1249326	-0.9346	0.35	-0.158043495	count	1

RALGAPA1	-0.1218486	0.1395729	-0.873	0.383	-0.157986505	count	1
DDX21	-0.1105558	0.0512312	-2.158	0.031	-0.157874052	count	1
AL021368.2	-0.5412742	0.502806	-1.0765	0.282	-0.157766251	count	1
BCKDHB	-0.1545243	0.2419812	-0.6386	0.523	-0.157577018	count	1
EMSY	-0.1475943	0.2051394	-0.7195	0.472	-0.15751244	count	1
NDUFAF8	-0.1131494	0.1072241	-1.0553	0.291	-0.157492724	count	1
CLPB	-0.1867583	0.361961	-0.516	0.606	-0.157428254	count	1
FASLG	-0.1145567	0.1559438	-0.7346	0.463	-0.157375746	count	1
KIF3A	-0.1207447	0.1275471	-0.9467	0.344	-0.157057095	count	1
CDKN1A	-0.1142085	0.1094664	-1.0433	0.297	-0.157056616	count	1
MRPL15	-0.1173887	0.1774735	-0.6614	0.508	-0.157042761	count	1
CHPT1	-0.1265602	0.1493427	-0.8474	0.397	-0.15703806	count	1
EIF1AY	-0.1122044	0.0964554	-1.1633	0.245	-0.15701398	count	1
PTMA	-0.1088575	0.0167318	-6.506	8.85E-11	-0.156943698	count	2.14E-06
UBE2Q1	-0.115933	0.1307919	-0.8864	0.375	-0.156836836	count	1
GDAP1	-0.2058513	0.4775358	-0.4311	0.666	-0.156787361	count	1
TMEM250	-0.1159365	0.150542	-0.7701	0.441	-0.156747679	count	1
KIF20B	-0.1196097	0.1390691	-0.8601	0.39	-0.156702615	count	1
UBN1	-0.1136885	0.106166	-1.0709	0.284	-0.156687058	count	1
EGLN3	-0.5365711	0.6444053	-0.8327	0.405	-0.156579562	count	1
CD5	-0.1126138	0.1152023	-0.9775	0.328	-0.156507221	count	1
CDC16	-0.1222354	0.1958781	-0.624	0.533	-0.156469404	count	1
ALKBH5	-0.1195282	0.1294378	-0.9234	0.356	-0.156384858	count	1
FH	-0.1232416	0.1747467	-0.7053	0.481	-0.156369628	count	1
ZNF740	-0.1532517	0.3957704	-0.3872	0.699	-0.156296085	count	1
PPHLN1	-0.1135149	0.0916122	-1.2391	0.215	-0.156255507	count	1
AC108863.1	-0.2657646	0.3535033	-0.7518	0.452	-0.156153607	count	1
C6orf89	-0.1176478	0.1457378	-0.8073	0.42	-0.156111646	count	1
ZSWIM6	-0.1851335	0.3279523	-0.5645	0.572	-0.156089298	count	1
PLEKHG1	-0.2383544	0.4422511	-0.539	0.59	-0.156071469	count	1
FBH1	-0.1411221	0.2373587	-0.5946	0.552	-0.155964159	count	1
KCTD18	-0.1426005	0.2792253	-0.5107	0.61	-0.155924226	count	1
ABL2	-0.1588419	0.3330579	-0.4769	0.633	-0.155827223	count	1
GRAMD1B	-0.1527765	0.2713002	-0.5631	0.573	-0.155817699	count	1
THOP1	-0.2044713	0.365058	-0.5601	0.575	-0.155765956	count	1
EFNB1	-0.2650687	0.5891849	-0.4499	0.653	-0.155763804	count	1
SSB	-0.1094334	0.0607883	-1.8002	0.0719	-0.155748447	count	1
ADSL	-0.1301724	0.260403	-0.4999	0.617	-0.155724671	count	1
GBP5	-0.1094589	0.0712188	-1.5369	0.124	-0.155615297	count	1
PER2	-0.1357531	0.2508073	-0.5413	0.588	-0.155465212	count	1
ZNF546	-0.3778497	0.5880367	-0.6426	0.521	-0.155462657	count	1
UBQLN2	-0.1367637	0.181284	-0.7544	0.451	-0.155380922	count	1
IFFO1	-0.1240353	0.2239972	-0.5537	0.58	-0.155337169	count	1
METTL5	-0.1100998	0.0917985	-1.1994	0.23	-0.15526011	count	1
UBXN1	-0.1085387	0.0468315	-2.3176	0.0205	-0.155234094	count	1

PSMD1	-0.1158378	0.1272911	-0.91	0.363	-0.155220862	count	1
MMD	-0.123929	0.1828184	-0.6779	0.498	-0.155204664	count	1
KLF13	-0.1091111	0.0603544	-1.8078	0.0707	-0.155031329	count	1
ARFIP2	-0.1324877	0.1961354	-0.6755	0.499	-0.154946893	count	1
OMA1	-0.1212353	0.1717143	-0.706	0.48	-0.154871031	count	1
INPP5B	-0.1545885	0.357356	-0.4326	0.665	-0.154806376	count	1
PEBP1	-0.1082102	0.0497007	-2.1772	0.0295	-0.154762713	count	1
PRELID1	-0.1082722	0.0566363	-1.9117	0.056	-0.15473041	count	1
AC008549.2	-0.3758861	0.4867963	-0.7722	0.44	-0.154720848	count	1
MICU1	-0.125519	0.1750183	-0.7172	0.473	-0.154697106	count	1
CAMTA1	-0.1126117	0.1059208	-1.0632	0.288	-0.154654334	count	1
HMCES	-0.1130521	0.1212831	-0.9321	0.351	-0.154550593	count	1
ZNF839	-0.1919107	0.300165	-0.6394	0.523	-0.15453198	count	1
ILKAP	-0.1177299	0.1368027	-0.8606	0.39	-0.1544501	count	1
LANCL2	-0.2357628	0.5418072	-0.4351	0.663	-0.154438945	count	1
PCMT1	-0.1092134	0.0720154	-1.5165	0.129	-0.154381538	count	1
USP19	-0.2625733	0.4202413	-0.6248	0.532	-0.154365151	count	1
SLX4	-0.2356182	0.4219729	-0.5584	0.577	-0.154347812	count	1
RTN4R	-0.1572653	0.3749437	-0.4194	0.675	-0.154303001	count	1
KCNK5	-1.1209403	0.7433336	-1.508	0.132	-0.15423317	count	1
WARS2	-0.1443324	0.2806705	-0.5142	0.607	-0.154068943	count	1
METRNL	-0.1086813	0.0859108	-1.265	0.206	-0.153882995	count	1
ARPP19	-0.1104281	0.0965061	-1.1443	0.253	-0.153765192	count	1
MYBBP1A	-0.1752648	0.3125109	-0.5608	0.575	-0.153739916	count	1
FP565260.1	-0.3732196	0.5371254	-0.6948	0.487	-0.153712346	count	1
LENG1	-0.1115913	0.1220046	-0.9146	0.36	-0.153707359	count	1
ZHX1-C8orf76	-0.2015536	0.6954608	-0.2898	0.772	-0.15360501	count	1
TRAPPC3	-0.110773	0.0982268	-1.1277	0.26	-0.153591738	count	1
MPV17L2	-0.1458687	0.2875529	-0.5073	0.612	-0.15358856	count	1
AC006369.1	-0.1271345	0.1865777	-0.6814	0.496	-0.153568803	count	1
AC083843.3	-0.3726806	0.7789691	-0.4784	0.632	-0.153508336	count	1
CLTC	-0.121572	0.1446392	-0.8405	0.401	-0.153505318	count	1
SNX13	-0.1374871	0.2151716	-0.639	0.523	-0.153478421	count	1
SCAMP3	-0.1177745	0.1646164	-0.7154	0.474	-0.153438487	count	1
BIRC6	-0.113795	0.1091634	-1.0424	0.297	-0.153371666	count	1
HDAC4	-0.1690086	0.3364418	-0.5023	0.615	-0.153358447	count	1
NECTIN1	-0.5238693	0.7553885	-0.6935	0.488	-0.153358317	count	1
AGBL5	-0.5237636	0.6220381	-0.842	0.4	-0.153331407	count	1
PAQR6	-0.5237636	0.6481091	-0.8081	0.419	-0.153331358	count	1
FAM210A	-0.1196241	0.1857484	-0.644	0.52	-0.153139624	count	1
ATP5F1B	-0.1077256	0.0573894	-1.8771	0.0606	-0.153103843	count	1
OAT	-0.116994	0.1375976	-0.8503	0.395	-0.152867226	count	1
SLC38A2	-0.1087348	0.0731293	-1.4869	0.137	-0.152840876	count	1
TMEM161B	-0.1525848	0.2128384	-0.7169	0.473	-0.15282682	count	1
SDCBP	-0.1073611	0.0574686	-1.8682	0.0618	-0.152763224	count	1

NPPC	-0.5214055	0.6878183	-0.7581	0.448	-0.152730669	count	1
ANKRD31	-0.5214055	0.8626555	-0.6044	0.546	-0.152730669	count	1
RNF32	-0.5214055	0.8644036	-0.6032	0.546	-0.152730669	count	1
BICD2	-0.13441	0.3006602	-0.447	0.655	-0.152728696	count	1
SCARB2	-0.1215477	0.2176502	-0.5585	0.577	-0.152664246	count	1
ZNF641	-0.1471749	0.2729974	-0.5391	0.59	-0.152657097	count	1
ANKIB1	-0.1163568	0.1560061	-0.7458	0.456	-0.152654139	count	1
CDC40	-0.1090856	0.0865558	-1.2603	0.208	-0.152653732	count	1
ZNF485	-0.2329008	0.54954	-0.4238	0.672	-0.15263434	count	1
GOPC	-0.1099717	0.1009227	-1.0897	0.276	-0.152617014	count	1
CDK11A	-0.1119152	0.1193709	-0.9375	0.349	-0.152528834	count	1
FNDC3A	-0.1143992	0.1434339	-0.7976	0.425	-0.152393922	count	1
PUS7	-0.1493616	0.2951286	-0.5061	0.613	-0.152378689	count	1
ZC3H13	-0.108945	0.0927902	-1.1741	0.24	-0.152353241	count	1
CKAP2L	-0.2134873	0.9537331	-0.2238	0.823	-0.152167933	count	1
AC092140.1	-1.098365	0.6055948	-1.8137	0.0698	-0.152140456	count	1
RMDN1	-0.1126468	0.1835942	-0.6136	0.54	-0.151927301	count	1
UVSSA	-0.1198954	0.2358093	-0.5084	0.611	-0.151775928	count	1
GAS1	-0.2129029	0.5215866	-0.4082	0.683	-0.151764519	count	1
PDS5B	-0.1158839	0.168992	-0.6857	0.493	-0.151631489	count	1
GALK2	-0.1217551	0.1873429	-0.6499	0.516	-0.151586242	count	1
CCDC136	-0.2125768	0.4080655	-0.5209	0.602	-0.151539384	count	1
COX5A	-0.1059907	0.0623723	-1.6993	0.0894	-0.151440967	count	1
BPTF	-0.1072943	0.0672936	-1.5944	0.111	-0.151436924	count	1
C19orf24	-0.1074987	0.0898789	-1.196	0.232	-0.151260128	count	1
TRGV9	-0.2570143	0.3806926	-0.6751	0.5	-0.1512445	count	1
MARK3	-0.1166277	0.1263107	-0.9233	0.356	-0.151239974	count	1
POC1B	-0.1210579	0.18438	-0.6566	0.512	-0.151182531	count	1
NEXN	-0.5151054	0.6488924	-0.7938	0.427	-0.151121812	count	1
GTF2F2	-0.1150396	0.1308995	-0.8788	0.38	-0.150931165	count	1
NDUFB6	-0.1073531	0.0890036	-1.2062	0.228	-0.150731935	count	1
FLCN	-0.1785634	0.3421046	-0.522	0.602	-0.150669231	count	1
LINC00528	-0.2959919	0.5023346	-0.5892	0.556	-0.150623675	count	1
TRPM7	-0.1130688	0.1440171	-0.7851	0.432	-0.150487129	count	1
ZBTB43	-0.1161887	0.1618618	-0.7178	0.473	-0.150423232	count	1
IDH2	-0.1065742	0.0809034	-1.3173	0.188	-0.150421229	count	1
SNHG12	-0.1076411	0.0895541	-1.202	0.229	-0.150402222	count	1
PLCB2	-0.1408304	0.2251764	-0.6254	0.532	-0.150369969	count	1
HIST1H2AH	-0.2554059	0.578735	-0.4413	0.659	-0.150340341	count	1
CYTH2	-0.1122564	0.1285642	-0.8732	0.383	-0.150313963	count	1
FXR2	-0.1530995	0.316086	-0.4844	0.628	-0.150273299	count	1
ZMYM4	-0.1136893	0.1618862	-0.7023	0.483	-0.150238853	count	1
GLTP	-0.1095825	0.1099974	-0.9962	0.319	-0.150229171	count	1
REM2	-0.295136	0.839114	-0.3517	0.725	-0.150212968	count	1
ESCO2	-0.295136	0.8600989	-0.3431	0.732	-0.150212968	count	1

FBXO10	-0.295136	0.9697836	-0.3043	0.761	-0.150212968	count	1
CDC27	-0.1130459	0.1328447	-0.851	0.395	-0.150169513	count	1
PSMC5	-0.1061067	0.0688927	-1.5402	0.124	-0.150161813	count	1
CD6	-0.1063477	0.0825039	-1.289	0.197	-0.150027606	count	1
NEK6	-0.1562559	0.3573726	-0.4372	0.662	-0.149903747	count	1
NCOA1	-0.1131743	0.1359732	-0.8323	0.405	-0.149882941	count	1
CHRNA5	-0.363001	0.5994343	-0.6056	0.545	-0.149835326	count	1
CREG1	-0.1280781	0.2178903	-0.5878	0.557	-0.149825516	count	1
GABARAPL2	-0.1051382	0.0588797	-1.7856	0.0742	-0.149771214	count	1
DOCK2	-0.11413	0.1206403	-0.946	0.344	-0.149741282	count	1
HYI	-0.1214101	0.2356192	-0.5153	0.606	-0.149658596	count	1
AP000866.5	-0.5091635	1.2716612	-0.4004	0.689	-0.149598942	count	1
GRHL1	-0.5091635	1.3458378	-0.3783	0.705	-0.149598942	count	1
RAI14	-0.5091635	1.3458378	-0.3783	0.705	-0.149598942	count	1
VGF	-0.5091635	1.3458378	-0.3783	0.705	-0.149598942	count	1
C9orf116	-0.5091635	1.3458378	-0.3783	0.705	-0.149598942	count	1
SCARF1	-0.5091635	1.3458378	-0.3783	0.705	-0.149598942	count	1
STX16-NPEPL1	-0.5091635	1.3458378	-0.3783	0.705	-0.149598942	count	1
FUT11	-0.1201184	0.2259474	-0.5316	0.595	-0.149558084	count	1
AL359644.1	-0.508914	0.8630528	-0.5897	0.555	-0.149534878	count	1
ZNF260	-0.1464557	0.3183453	-0.4601	0.646	-0.149450598	count	1
AC107959.1	-0.5083894	0.5980377	-0.8501	0.395	-0.14940016	count	1
DUSP14	-0.112041	0.1499414	-0.7472	0.455	-0.149394781	count	1
FAM149A	-1.0686116	1.064636	-1.0037	0.316	-0.149326195	count	1
RNASEH2B	-0.1061019	0.0862059	-1.2308	0.218	-0.149309512	count	1
SART3	-0.1149327	0.1666418	-0.6897	0.49	-0.14928875	count	1
ISY1	-0.1165825	0.1508189	-0.773	0.44	-0.149260397	count	1
SDF2L1	-0.1055756	0.0878604	-1.2016	0.23	-0.149141182	count	1
MGAT1	-0.1079469	0.1046633	-1.0314	0.302	-0.149123827	count	1
CBR4	-0.1346578	0.3474727	-0.3875	0.698	-0.148884446	count	1
AP003716.1	-1.063351	0.6026754	-1.7644	0.0778	-0.148821853	count	1
CTBP2	-0.1695116	0.4287857	-0.3953	0.693	-0.148790261	count	1
SMIM12	-0.1076666	0.1156	-0.9314	0.352	-0.148777073	count	1
AC233723.1	-0.5059046	0.7950011	-0.6364	0.525	-0.148761508	count	1
ESPN	-0.2266205	0.7442986	-0.3045	0.761	-0.148667999	count	1
SLC25A4	-0.1128206	0.1801991	-0.6261	0.531	-0.148581123	count	1
STMN3	-0.1108676	0.1261781	-0.8787	0.38	-0.148575806	count	1
DNAJC2	-0.1071714	0.1104648	-0.9702	0.332	-0.148535923	count	1
UVRAG	-0.1091207	0.1222415	-0.8927	0.372	-0.148441386	count	1
TAOK3	-0.1063747	0.0813732	-1.3072	0.191	-0.14840538	count	1
NBPF19	-0.1945206	0.2691949	-0.7226	0.47	-0.148388388	count	1
NFATC2IP	-0.1150001	0.1384031	-0.8309	0.406	-0.148373648	count	1
TGFBRAP1	-0.1543889	0.2946809	-0.5239	0.6	-0.148139286	count	1
FRAT1	-0.1266196	0.2136446	-0.5927	0.553	-0.148131019	count	1
SRPK1	-0.1082645	0.1059404	-1.0219	0.307	-0.148016131	count	1

PAK2	-0.103844	0.0581012	-1.7873	0.074	-0.147951917	count	1
C16orf87	-0.1080609	0.1337807	-0.8077	0.419	-0.14791828	count	1
IARS	-0.1229919	0.216358	-0.5685	0.57	-0.147906529	count	1
TRIM8	-0.112577	0.1142063	-0.9857	0.324	-0.147898188	count	1
CCZ1	-0.1120357	0.1434647	-0.7809	0.435	-0.147893895	count	1
EPHA1-AS1	-0.1281241	0.2352668	-0.5446	0.586	-0.147881312	count	1
EFHC1	-0.1750841	0.3120565	-0.5611	0.575	-0.14779519	count	1
SNX24	-0.1217856	0.2576771	-0.4726	0.637	-0.147793304	count	1
COPE	-0.1035343	0.0542218	-1.9095	0.0563	-0.147785524	count	1
MFSD11	-0.1141398	0.1568311	-0.7278	0.467	-0.147779457	count	1
HIP1	-0.1334968	0.2921178	-0.457	0.648	-0.14761222	count	1
TRAV30	-0.2894783	0.9593818	-0.3017	0.763	-0.147494293	count	1
ACVR1C	-0.5009497	0.5003333	-1.0012	0.317	-0.147485288	count	1
COMMD4	-0.1084563	0.1274099	-0.8512	0.395	-0.147465338	count	1
YLPM1	-0.1252554	0.2169301	-0.5774	0.564	-0.147444747	count	1
AC074044.1	-0.2893289	0.5897485	-0.4906	0.624	-0.147422412	count	1
TECPR2	-0.1746101	0.3582058	-0.4875	0.626	-0.147403446	count	1
METTL18	-0.1276412	0.2414185	-0.5287	0.597	-0.147328004	count	1
RAB14	-0.1053153	0.0795748	-1.3235	0.186	-0.147261359	count	1
CKAP5	-0.1147616	0.2074632	-0.5532	0.58	-0.147233439	count	1
MRNIP	-0.1212394	0.2153826	-0.5629	0.574	-0.147134094	count	1
MEF2C	-0.2061533	0.5120124	-0.4026	0.687	-0.147099702	count	1
AL139246.3	-0.1619236	0.4338319	-0.3732	0.709	-0.147040937	count	1
LFNG	-0.1077247	0.1333829	-0.8076	0.419	-0.146961468	count	1
PYM1	-0.1073604	0.1297757	-0.8273	0.408	-0.1469609	count	1
FBXW5	-0.1056578	0.0943952	-1.1193	0.263	-0.146699734	count	1
AL133453.1	-0.1086911	0.1184182	-0.9179	0.359	-0.146697464	count	1
MARS	-0.1326069	0.2064022	-0.6425	0.521	-0.146636925	count	1
PCNP	-0.1047038	0.0813856	-1.2865	0.198	-0.146622877	count	1
ATP6V0C	-0.205081	0.5736484	-0.3575	0.721	-0.146357678	count	1
RPP38	-0.1077438	0.1366772	-0.7883	0.431	-0.146347921	count	1
B3GNT2	-0.1078	0.109261	-0.9866	0.324	-0.146346994	count	1
THADA	-0.1814424	0.2493311	-0.7277	0.467	-0.14629876	count	1
SNUPN	-0.1171049	0.1876909	-0.6239	0.533	-0.146267932	count	1
MRPS36	-0.1048802	0.0945112	-1.1097	0.267	-0.146250464	count	1
ARHGEF12	-0.1321351	0.3256699	-0.4057	0.685	-0.146119801	count	1
CCDC85C	-0.2046	0.5387874	-0.3797	0.704	-0.146029869	count	1
PSIP1	-0.1026504	0.059302	-1.731	0.0835	-0.146013862	count	1
REPS1	-0.1319291	0.2672686	-0.4936	0.622	-0.145893998	count	1
DRAIC	-0.3525543	0.5819336	-0.6058	0.545	-0.145851703	count	1
CEP164	-0.1109481	0.1718411	-0.6456	0.519	-0.145764235	count	1
SYNCRIP	-0.1034525	0.0799386	-1.2941	0.196	-0.145684699	count	1
COG6	-0.172414	0.2845156	-0.606	0.545	-0.145587819	count	1
MON1A	-0.1656491	0.3932384	-0.4212	0.674	-0.145463328	count	1
TUBA1B	-0.1013761	0.0414692	-2.4446	0.0146	-0.145331915	count	1

ALS2	-0.2212282	0.4409258	-0.5017	0.616	-0.145255517	count	1
H2AFY2	-0.2033885	0.4477362	-0.4543	0.65	-0.145185959	count	1
IBTK	-0.1233042	0.160922	-0.7662	0.444	-0.145162718	count	1
AC020915.3	-0.1299491	0.2657162	-0.4891	0.625	-0.145134318	count	1
SNRPG	-0.1020569	0.0587088	-1.7384	0.0822	-0.145073838	count	1
NIPA2	-0.1119702	0.1378415	-0.8123	0.417	-0.144979573	count	1
NUP50	-0.1080492	0.1242881	-0.8693	0.385	-0.14491894	count	1
TMC4	-0.4908279	0.7056292	-0.6956	0.487	-0.144866812	count	1
AC005332.6	-0.4908279	0.7241577	-0.6778	0.498	-0.144866812	count	1
LINC01281	-0.4906408	0.8495164	-0.5776	0.564	-0.144818265	count	1
AL627422.2	-0.4906408	0.9347484	-0.5249	0.6	-0.144818265	count	1
GALNT7	-0.1273874	0.2416533	-0.5271	0.598	-0.144810581	count	1
MYO1C	-0.1714564	0.3483233	-0.4922	0.623	-0.144795801	count	1
UQCRQ	-0.1019721	0.0688176	-1.4818	0.138	-0.144764523	count	1
RAP1A	-0.1019507	0.0596027	-1.7105	0.0873	-0.144760859	count	1
WWC3	-0.1140028	0.2215363	-0.5146	0.607	-0.144693184	count	1
WDR13	-0.1177783	0.1905449	-0.6181	0.537	-0.144677595	count	1
METTL25	-0.1262593	0.258985	-0.4875	0.626	-0.144673643	count	1
ZMAT3	-0.1214963	0.221337	-0.5489	0.583	-0.144659854	count	1
ZSCAN12	-0.2025535	0.5750316	-0.3522	0.725	-0.144607653	count	1
AL009179.1	-1.019297	0.905684	-1.1254	0.26	-0.144518828	count	1
KBTBD7	-0.4893488	0.5305058	-0.9224	0.356	-0.144482947	count	1
HSPA9	-0.1024555	0.0743777	-1.3775	0.168	-0.144465687	count	1
RPL15	-0.1002122	0.0185734	-5.3955	7.30E-08	-0.144352667	count	0.001763096
TFAM	-0.105047	0.1050351	-1.0001	0.317	-0.144330094	count	1
PIGW	-0.2020493	0.4299021	-0.47	0.638	-0.144258382	count	1
SLC37A3	-0.1257638	0.3002296	-0.4189	0.675	-0.144110056	count	1
AC023157.3	-0.1640351	0.32239	-0.5088	0.611	-0.144072194	count	1
CA11	-0.2442744	0.3469916	-0.704	0.481	-0.144067432	count	1
HAUS8	-0.1229424	0.2045716	-0.601	0.548	-0.143857551	count	1
SLC7A6	-0.1214751	0.2186247	-0.5556	0.578	-0.143849572	count	1
TRANK1	-0.1099009	0.1627281	-0.6754	0.499	-0.143825565	count	1
ADAM9	-0.1782626	0.7494041	-0.2379	0.812	-0.143793147	count	1
NSMAF	-0.1287371	0.2084961	-0.6175	0.537	-0.143791898	count	1
STAG1	-0.1138394	0.1537368	-0.7405	0.459	-0.143780996	count	1
ELP3	-0.1312993	0.2345274	-0.5598	0.576	-0.143679392	count	1
CCT4	-0.1018404	0.0780025	-1.3056	0.192	-0.143652245	count	1
RANBP1	-0.1018473	0.0761613	-1.3373	0.181	-0.143542355	count	1
MEX3C	-0.1168039	0.1742637	-0.6703	0.503	-0.143486544	count	1
AC003102.1	-0.1460138	0.4549855	-0.3209	0.748	-0.143411474	count	1
DHDDS	-0.118656	0.2264191	-0.5241	0.6	-0.143383681	count	1
COMMD3	-0.1036277	0.1224892	-0.846	0.398	-0.143240858	count	1
C16orf74	-0.2427411	0.4572583	-0.5309	0.596	-0.143201278	count	1
FBXO32	-0.1049637	0.1040231	-1.009	0.313	-0.143003328	count	1
AP2M1	-0.1015441	0.0793669	-1.2794	0.201	-0.142848597	count	1

ZNF253	-0.1424796	0.2486809	-0.5729	0.567	-0.142831964	count	1
ATP5MPL	-0.1010853	0.0745201	-1.3565	0.175	-0.1428198	count	1
GUCD1	-0.1133521	0.2112107	-0.5367	0.592	-0.142797566	count	1
ANK1	-1.0017508	0.9365309	-1.0696	0.285	-0.142764634	count	1
PRRC2A	-0.1265905	0.195359	-0.648	0.517	-0.142701715	count	1
SRSF11	-0.1000142	0.0547161	-1.8279	0.0677	-0.142691755	count	1
TFAP4	-0.1687415	0.3823618	-0.4413	0.659	-0.142549278	count	1
ACAP1	-0.1002193	0.0511681	-1.9586	0.0502	-0.142548915	count	1
RNFT1	-0.1133533	0.1692369	-0.6698	0.503	-0.142414919	count	1
SLC2A13	-0.4811469	0.4597846	-1.0465	0.295	-0.142348234	count	1
UQCC2	-0.1036424	0.1346334	-0.7698	0.441	-0.142253479	count	1
DNAJC5	-0.1144912	0.211948	-0.5402	0.589	-0.142130851	count	1
ADCY3	-0.1329354	0.4192129	-0.3171	0.751	-0.142023339	count	1
HINT1	-0.09871	0.0298601	-3.3057	0.000957	-0.141952007	count	1
APOL1	-0.1678732	0.3253642	-0.516	0.606	-0.141830449	count	1
CEP170	-0.115002	0.2088151	-0.5507	0.582	-0.141797057	count	1
DIRC3	-0.4785559	0.7285645	-0.6568	0.511	-0.141671759	count	1
TPBG	-0.4785559	0.8284391	-0.5777	0.564	-0.141671759	count	1
LMBR1L	-0.1161606	0.1741875	-0.6669	0.505	-0.141593745	count	1
MIIP	-0.1077628	0.1512105	-0.7127	0.476	-0.141590767	count	1
TMED5	-0.1026969	0.1010618	-1.0162	0.31	-0.14155797	count	1
TLN1	-0.0993711	0.0571806	-1.7378	0.0823	-0.141545618	count	1
ATP5PD	-0.0991876	0.0609976	-1.6261	0.104	-0.141512798	count	1
KRI1	-0.1123084	0.1934577	-0.5805	0.562	-0.141488045	count	1
ACOT11	-0.4776673	1.020033	-0.4683	0.64	-0.141439544	count	1
GRAPL	-0.4776673	1.1027796	-0.4331	0.665	-0.141439544	count	1
MUM1	-0.1208153	0.216251	-0.5587	0.576	-0.141384717	count	1
TRIM28	-0.1084731	0.1388993	-0.7809	0.435	-0.141356601	count	1
RAD51C	-0.1050547	0.157671	-0.6663	0.505	-0.141324795	count	1
GNG5	-0.0988817	0.0546627	-1.8089	0.0705	-0.141274795	count	1
CUL7	-0.1848653	0.6766759	-0.2732	0.785	-0.141208921	count	1
CD40LG	-0.1015599	0.1022948	-0.9928	0.321	-0.141132684	count	1
C5orf34	-0.1320885	0.4738347	-0.2788	0.78	-0.141127372	count	1
CAPN7	-0.1095328	0.1509938	-0.7254	0.468	-0.141086109	count	1
DDX46	-0.0988139	0.0609144	-1.6222	0.1049	-0.140742272	count	1
RPP21	-0.1316898	0.2196931	-0.5994	0.549	-0.140705529	count	1
RAD21	-0.100447	0.0720826	-1.3935	0.164	-0.140630632	count	1
PPP1R12B	-0.2751898	0.3851438	-0.7145	0.475	-0.140598997	count	1
NFYB	-0.1047058	0.174083	-0.6015	0.548	-0.140550186	count	1
PERP	-0.1048666	0.1367062	-0.7671	0.443	-0.140326864	count	1
GINM1	-0.1040143	0.1153812	-0.9015	0.367	-0.140306924	count	1
PLK2	-0.1596124	0.3163017	-0.5046	0.614	-0.14025741	count	1
EMILIN2	-0.119108	0.2171266	-0.5486	0.583	-0.140253367	count	1
MPHOSPH10	-0.1005428	0.0977203	-1.0289	0.304	-0.140184493	count	1
OXL1	-0.1008612	0.1248044	-0.8082	0.419	-0.14013429	count	1

LCMT1	-0.1018523	0.1283372	-0.7936	0.427	-0.139946722	count	1
COMTD1	-0.1021749	0.1302316	-0.7846	0.433	-0.139928191	count	1
SLC12A6	-0.1456739	0.3026694	-0.4813	0.63	-0.139893919	count	1
NOP14	-0.1042922	0.1435829	-0.7264	0.468	-0.139890374	count	1
MGST3	-0.0983744	0.0670191	-1.4679	0.142	-0.139819042	count	1
METR1	-0.1040954	0.1608277	-0.6472	0.518	-0.139732498	count	1
STAT5A	-0.1367175	0.1840069	-0.743	0.458	-0.139626873	count	1
CD96	-0.0983474	0.066362	-1.482	0.138	-0.13955124	count	1
ZC4H2	-0.1952265	0.442351	-0.4413	0.659	-0.13952651	count	1
GPR132	-0.1084711	0.1397759	-0.776	0.438	-0.139460924	count	1
TES	-0.0994051	0.0965794	-1.0293	0.303	-0.139395334	count	1
SMARCA1	-0.1134268	0.1660524	-0.6831	0.495	-0.139357767	count	1
TRIM22	-0.0993063	0.0858223	-1.1571	0.247	-0.139273011	count	1
PIGBOS1	-0.1091963	0.2017726	-0.5412	0.588	-0.13924645	count	1
ANKRD13A	-0.1070823	0.16511	-0.6486	0.517	-0.139122473	count	1
PHC1	-0.1362161	0.2569436	-0.5301	0.596	-0.139120607	count	1
TRMT12	-0.1270898	0.2987301	-0.4254	0.671	-0.139113185	count	1
MRPS24	-0.3349588	0.6738165	-0.4971	0.619	-0.139096343	count	1
CRB3	-0.3349588	0.7010602	-0.4778	0.633	-0.139096343	count	1
DNAJA3	-0.1244987	0.2140462	-0.5816	0.561	-0.139095665	count	1
TMCC2	-0.9631994	1.0348657	-0.9307	0.352	-0.138828658	count	1
TUT4	-0.0988402	0.0733414	-1.3477	0.178	-0.1387881	count	1
MAP7D1	-0.1017573	0.1080419	-0.9418	0.346	-0.138641881	count	1
ZNF502	-0.4666016	0.6265905	-0.7447	0.457	-0.138537999	count	1
MAGIX	-0.4665158	0.8016576	-0.5819	0.561	-0.138515391	count	1
DBF4B	-0.4665158	0.8695977	-0.5365	0.592	-0.138515391	count	1
AL031733.2	-0.4665158	0.8835441	-0.528	0.598	-0.138515391	count	1
TMEM198	-0.4665158	1.015752	-0.4593	0.646	-0.138515391	count	1
NDUFA4	-0.0965773	0.0408647	-2.3633	0.0182	-0.138482126	count	1
PAIP2	-0.0970051	0.053617	-1.8092	0.0705	-0.138457031	count	1
SHROOM1	-0.9594881	0.8084821	-1.1868	0.235	-0.138443751	count	1
GBP2	-0.0988102	0.0856421	-1.1538	0.249	-0.138411428	count	1
AL451085.2	-0.1478597	0.3305381	-0.4473	0.655	-0.138403663	count	1
SEC24B	-0.1292958	0.2239901	-0.5772	0.564	-0.138172022	count	1
DPH6	-0.1137737	0.2261294	-0.5031	0.615	-0.138120235	count	1
RTP5	-0.332245	1.0616461	-0.313	0.754	-0.138049393	count	1
TRAV1-2	-0.332245	1.162242	-0.2859	0.775	-0.138049393	count	1
SLC7A11	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
AC079171.1	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
AC244197.2	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
AL731569.1	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
DIAPH3	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
CDRT4	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
ZGLP1	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
TMEM38A	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1

CYP2S1	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
LHB	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
FAM71E1	-0.332245	1.3045372	-0.2547	0.799	-0.138049393	count	1
MTHFD2	-0.100656	0.0869875	-1.1571	0.247	-0.137904442	count	1
KLF12	-0.1107058	0.1588811	-0.6968	0.486	-0.137888898	count	1
MIER3	-0.1472263	0.2638619	-0.558	0.577	-0.137819528	count	1
AURKAIP1	-0.0969721	0.069922	-1.3869	0.166	-0.137799823	count	1
CAVIN1	-0.3315378	0.4777705	-0.6939	0.488	-0.137776285	count	1
POLR3GL	-0.0970717	0.0725671	-1.3377	0.181	-0.137719842	count	1
TRGV10	-0.1514809	0.3301222	-0.4589	0.646	-0.137710706	count	1
COPS2	-0.1000519	0.0973288	-1.028	0.304	-0.137703758	count	1
POLD4	-0.1325582	0.3025875	-0.4381	0.661	-0.13765721	count	1
PTPRN2	-0.1076644	0.2409149	-0.4469	0.655	-0.137595568	count	1
RAB6B	-0.9513097	0.8509126	-1.118	0.264	-0.137591816	count	1
MRPL12	-0.1026682	0.1556217	-0.6597	0.509	-0.137501897	count	1
MTF1	-0.1270516	0.2869211	-0.4428	0.658	-0.137492448	count	1
AC004854.2	-0.1702444	0.4526232	-0.3761	0.707	-0.137465247	count	1
MAPK9	-0.1127545	0.1759118	-0.641	0.522	-0.137462422	count	1
FANCD2	-0.3306139	0.4244756	-0.7789	0.436	-0.137419414	count	1
AIP	-0.0967629	0.0677772	-1.4277	0.153	-0.137392802	count	1
PTDSS1	-0.122934	0.1985328	-0.6192	0.536	-0.137361256	count	1
FRAT2	-0.1043974	0.1374605	-0.7595	0.448	-0.137350683	count	1
ZNHIT1	-0.0968615	0.0774749	-1.2502	0.211	-0.137329412	count	1
ICE2	-0.1031194	0.150919	-0.6833	0.494	-0.137275023	count	1
AL022238.2	-0.9471826	0.7487988	-1.2649	0.206	-0.137159941	count	1
GLB1	-0.107779	0.2163659	-0.4981	0.618	-0.137139441	count	1
CDC6	-0.4612428	0.8098479	-0.5695	0.569	-0.137126278	count	1
AKT1	-0.1009384	0.1284027	-0.7861	0.432	-0.137119575	count	1
ZNF526	-0.3296526	0.3979215	-0.8284	0.407	-0.137047927	count	1
RTL8A	-0.1074592	0.2354753	-0.4564	0.648	-0.137039109	count	1
CCT6B	-0.2674432	0.6814625	-0.3925	0.695	-0.136843189	count	1
TXNL4A	-0.0966999	0.0754434	-1.2818	0.2	-0.136841646	count	1
LYRM1	-0.102427	0.1516757	-0.6753	0.5	-0.136841343	count	1
VEZF1	-0.1011545	0.1295094	-0.7811	0.435	-0.13671505	count	1
XRN2	-0.0965932	0.0702991	-1.374	0.17	-0.136698051	count	1
NQO2	-0.101467	0.165423	-0.6134	0.54	-0.136696005	count	1
SMARCE1	-0.1069505	0.1462783	-0.7311	0.465	-0.136686342	count	1
AL596223.1	-0.9404613	1.458832	-0.6447	0.519	-0.136453792	count	1
MICU2	-0.1015571	0.1121335	-0.9057	0.365	-0.136432867	count	1
TARS2	-0.1499659	0.3340074	-0.449	0.653	-0.136355261	count	1
COX7A2	-0.0951198	0.0450165	-2.113	0.0347	-0.136225991	count	1
ZNF3	-0.1274	0.2830486	-0.4501	0.653	-0.136165066	count	1
COX20	-0.0974816	0.0852009	-1.1441	0.253	-0.136137642	count	1
FBL	-0.0983349	0.0892785	-1.1014	0.271	-0.136106858	count	1
CUL4A	-0.1178108	0.2021051	-0.5829	0.56	-0.13605723	count	1

TTC22	-0.1496189	0.3795719	-0.3942	0.693	-0.136044739	count	1
CD46	-0.0970144	0.0804617	-1.2057	0.228	-0.136013576	count	1
NCEH1	-0.4564453	0.627776	-0.7271	0.467	-0.135858896	count	1
PSMA3	-0.0961043	0.0692957	-1.3869	0.166	-0.135743003	count	1
NRBF2	-0.0966467	0.0865933	-1.1161	0.264	-0.135681441	count	1
SMIM7	-0.0972939	0.1084567	-0.8971	0.37	-0.135681422	count	1
CRKL	-0.1092383	0.2433869	-0.4488	0.654	-0.135637908	count	1
RAB21	-0.0976089	0.0966915	-1.0095	0.313	-0.135564275	count	1
SWI5	-0.1084651	0.2076869	-0.5223	0.602	-0.135520953	count	1
SMARCA2	-0.0992437	0.0903216	-1.0988	0.272	-0.135409021	count	1
UBE2V2	-0.0976035	0.1072448	-0.9101	0.363	-0.135381553	count	1
EPOR	-0.1068232	0.1941556	-0.5502	0.582	-0.135289081	count	1
DXO	-0.1376078	0.2929592	-0.4697	0.639	-0.135258709	count	1
COMMD7	-0.0963596	0.0885784	-1.0878	0.277	-0.13523468	count	1
A2M-AS1	-0.1537545	0.3557685	-0.4322	0.666	-0.135198437	count	1
TROVE2	-0.0979924	0.0955519	-1.0255	0.305	-0.135121319	count	1
IL6R	-0.1106595	0.2099158	-0.5272	0.598	-0.134920707	count	1
APOBEC3D	-0.1371884	0.3807168	-0.3603	0.719	-0.134851595	count	1
MAP1S	-0.1138184	0.2656029	-0.4285	0.668	-0.13483492	count	1
AKNA	-0.0997341	0.107336	-0.9292	0.353	-0.134798715	count	1
TEX264	-0.0952438	0.0779937	-1.2212	0.222	-0.134707756	count	1
ACSF3	-0.1164938	0.2118167	-0.55	0.582	-0.134546245	count	1
DAPP1	-0.1082545	0.1850896	-0.5849	0.559	-0.134421548	count	1
TYW3	-0.0987374	0.1394977	-0.7078	0.479	-0.13440495	count	1
WASF2	-0.0948646	0.0709933	-1.3362	0.182	-0.134329495	count	1
SRFBP1	-0.099384	0.1427174	-0.6964	0.486	-0.134326361	count	1
TAB3	-0.1662728	0.3675077	-0.4524	0.651	-0.13432575	count	1
METTL2A	-0.1127639	0.2334967	-0.4829	0.629	-0.134320559	count	1
AC064801.1	-0.2622363	0.7238507	-0.3623	0.717	-0.134311837	count	1
TMEM173	-0.0964448	0.0788923	-1.2225	0.222	-0.134214086	count	1
NDUFB7	-0.0944824	0.0697153	-1.3553	0.175	-0.134156098	count	1
TBC1D19	-0.1223456	0.2268851	-0.5392	0.59	-0.133963602	count	1
PDE1B	-0.3214832	0.6131733	-0.5243	0.6	-0.133884071	count	1
PSMB8	-0.0935638	0.0532863	-1.7559	0.0792	-0.133881841	count	1
AC016596.1	-0.2611684	0.8350705	-0.3128	0.754	-0.13379199	count	1
TP53BP1	-0.1235817	0.2154572	-0.5736	0.566	-0.13377026	count	1
METTL9	-0.0948561	0.0775075	-1.2238	0.221	-0.133470626	count	1
ZKSCAN5	-0.2605029	0.389918	-0.6681	0.504	-0.13346791	count	1
CCAR2	-0.1081931	0.215287	-0.5026	0.615	-0.133438975	count	1
BCL10	-0.0983293	0.1166978	-0.8426	0.4	-0.133366776	count	1
TTF1	-0.0968396	0.1297978	-0.7461	0.456	-0.133068116	count	1
SLC25A24	-0.1001972	0.1388801	-0.7215	0.471	-0.133008318	count	1
UNC93B1	-0.1089703	0.2330948	-0.4675	0.64	-0.132870961	count	1
RAB8B	-0.0940755	0.074391	-1.2646	0.206	-0.132781244	count	1
EIPR1	-0.1114254	0.2419427	-0.4605	0.645	-0.132734918	count	1

PKM	-0.0932637	0.0662866	-1.407	0.16	-0.132674359	count	1
PDGFB	-0.1853535	0.3774763	-0.491	0.623	-0.132661088	count	1
LRMP	-0.1078839	0.1663441	-0.6486	0.517	-0.13257843	count	1
AP002495.2	-0.1379269	0.3284554	-0.4199	0.675	-0.132552026	count	1
RNF41	-0.1046145	0.200211	-0.5225	0.601	-0.132501874	count	1
HMG2	-0.0926912	0.0520762	-1.7799	0.0752	-0.132497564	count	1
MCUB	-0.0936578	0.067902	-1.3793	0.168	-0.132427622	count	1
ZYG11B	-0.1730857	0.2867512	-0.6036	0.546	-0.13242222	count	1
ACD	-0.1003567	0.1647623	-0.6091	0.542	-0.132207041	count	1
PYROXD1	-0.1002221	0.1832981	-0.5468	0.585	-0.132185312	count	1
ACBD6	-0.0958809	0.1159922	-0.8266	0.409	-0.13217404	count	1
PSAP	-0.0941247	0.0869158	-1.0829	0.279	-0.13211482	count	1
SLC43A3	-0.1845309	0.4902299	-0.3764	0.707	-0.132088092	count	1
VIRMA	-0.1003639	0.1416538	-0.7085	0.479	-0.132057187	count	1
PRKDC	-0.0948733	0.0867056	-1.0942	0.274	-0.132029223	count	1
EMC2	-0.0994036	0.1564444	-0.6354	0.525	-0.131957189	count	1
ZNF552	-0.1558908	0.3627692	-0.4297	0.667	-0.131894359	count	1
RUBCN	-0.144957	0.2598237	-0.5579	0.577	-0.13187056	count	1
ZSCAN16	-0.1141409	0.2481755	-0.4599	0.646	-0.131846188	count	1
YOD1	-0.1268485	0.3073793	-0.4127	0.68	-0.131787649	count	1
ADRM1	-0.0931013	0.0778568	-1.1958	0.232	-0.131758797	count	1
SLC4A1AP	-0.0968065	0.1296214	-0.7468	0.455	-0.131715936	count	1
CLCC1	-0.1370304	0.3188617	-0.4297	0.667	-0.131701658	count	1
DNAJC25	-0.1202574	0.2599505	-0.4626	0.644	-0.131695844	count	1
SYPL1	-0.0948701	0.0822755	-1.1531	0.249	-0.131652046	count	1
UBXN7	-0.1067197	0.215418	-0.4954	0.62	-0.131629693	count	1
EMC1	-0.1555196	0.3317064	-0.4688	0.639	-0.131586065	count	1
INO80D	-0.1031434	0.1506253	-0.6848	0.494	-0.131553853	count	1
SLPI	-0.8945215	0.539377	-1.6584	0.0973	-0.131532913	count	1
RPAP3	-0.0979679	0.1296916	-0.7554	0.45	-0.131523001	count	1
SAAL1	-0.1087868	0.2369608	-0.4591	0.646	-0.131517255	count	1
ERN1	-0.0982656	0.1065309	-0.9224	0.356	-0.131511445	count	1
ADAL	-0.126498	0.3519848	-0.3594	0.719	-0.131427152	count	1
TBC1D2B	-0.0981557	0.1238955	-0.7922	0.428	-0.131364656	count	1
LINS1	-0.1019604	0.1113217	-0.9159	0.36	-0.131362325	count	1
RAB11FIP2	-0.1047776	0.2030575	-0.516	0.606	-0.131313833	count	1
PRRT3	-0.136543	0.425679	-0.3208	0.748	-0.131239274	count	1
VAV1	-0.1026626	0.1789975	-0.5735	0.566	-0.131224326	count	1
SELENOO	-0.1184699	0.2491208	-0.4756	0.634	-0.13112683	count	1
HPCAL1	-0.0954843	0.1051964	-0.9077	0.364	-0.131070759	count	1
ROM1	-0.2555762	0.7468946	-0.3422	0.732	-0.131065965	count	1
ZNF558	-0.1620901	0.4930534	-0.3287	0.742	-0.131015722	count	1
CDC14A	-0.0984335	0.1021515	-0.9636	0.335	-0.130927158	count	1
DPP7	-0.0922961	0.0686743	-1.344	0.179	-0.130926068	count	1
SLC20A2	-0.1150851	0.230491	-0.4993	0.618	-0.130922263	count	1

ORAOV1	-0.1396995	0.2852948	-0.4897	0.624	-0.130872064	count	1
ORMDL3	-0.0998249	0.1347152	-0.741	0.459	-0.130849371	count	1
TMEM41A	-0.1008216	0.1926504	-0.5233	0.601	-0.130801974	count	1
PNP	-0.0926149	0.0927341	-0.9987	0.318	-0.130791468	count	1
ZFYVE28	-0.0971809	0.1325912	-0.7329	0.464	-0.130752113	count	1
AC138150.1	-0.1360148	0.3335165	-0.4078	0.683	-0.130738134	count	1
ESYT1	-0.1012264	0.1654784	-0.6117	0.541	-0.130656369	count	1
ATF7IP	-0.0952385	0.0863648	-1.1027	0.27	-0.130639189	count	1
RETREG1	-0.0996405	0.1368768	-0.728	0.467	-0.13060828	count	1
ARHGAP31	-0.3129279	0.4478767	-0.6987	0.485	-0.130557594	count	1
PHIP	-0.0950026	0.1034999	-0.9179	0.359	-0.130547074	count	1
PPA2	-0.0974281	0.1316029	-0.7403	0.459	-0.130497679	count	1
FKBP14	-0.2539372	0.4110605	-0.6178	0.537	-0.130265799	count	1
C7orf26	-0.1070748	0.2067902	-0.5178	0.605	-0.130026728	count	1
STAT4	-0.0942301	0.0935403	-1.0074	0.314	-0.129901047	count	1
TSEN34	-0.0943677	0.1162017	-0.8121	0.417	-0.12984828	count	1
GRSF1	-0.0948019	0.122439	-0.7743	0.439	-0.129793579	count	1
SLC41A2	-0.2528658	0.7169454	-0.3527	0.724	-0.129742444	count	1
HECW2	-0.1966415	0.6840149	-0.2875	0.774	-0.129615004	count	1
RNF213	-0.0909448	0.0570191	-1.595	0.111	-0.129423352	count	1
AC068870.2	-0.4322193	0.6247271	-0.6919	0.489	-0.129406613	count	1
SRSF2	-0.0913618	0.0506011	-1.8055	0.0711	-0.129403882	count	1
AC027644.3	-0.0996939	0.1914945	-0.5206	0.603	-0.129343062	count	1
GLIPR1L2	-0.4318916	0.8432626	-0.5122	0.609	-0.129318738	count	1
DLG2	-0.4318916	0.9237608	-0.4675	0.64	-0.129318738	count	1
PLK4	-0.4318916	0.970437	-0.445	0.656	-0.129318738	count	1
BFSP2	-0.4318916	1.041005	-0.4149	0.678	-0.129318738	count	1
FBXL3	-0.0967536	0.1342347	-0.7208	0.471	-0.129276967	count	1
MT-ND3	-0.0898735	0.0249469	-3.6026	0.00032	-0.12927453	count	1
PPTC7	-0.106001	0.197207	-0.5375	0.591	-0.129267111	count	1
WHAMM	-0.0946225	0.107718	-0.8784	0.38	-0.12917027	count	1
TMEM60	-0.0974756	0.1879616	-0.5186	0.604	-0.129139106	count	1
PTPRE	-0.0933614	0.1065822	-0.876	0.381	-0.12899706	count	1
GPS1	-0.0969063	0.1530138	-0.6333	0.527	-0.128900123	count	1
C12orf65	-0.0918526	0.1005549	-0.9135	0.361	-0.128841767	count	1
MED26	-0.1260337	0.2200663	-0.5727	0.567	-0.128829649	count	1
YTHDC1	-0.0914875	0.0761919	-1.2008	0.23	-0.128779407	count	1
RFX7	-0.1308748	0.2803879	-0.4668	0.641	-0.128718956	count	1
STT3B	-0.0945829	0.1015418	-0.9315	0.352	-0.128695044	count	1
TMEM9	-0.1015854	0.2010825	-0.5052	0.613	-0.128678659	count	1
GEN1	-0.1679662	0.4565334	-0.3679	0.713	-0.128594035	count	1
LMNTD2	-0.159011	0.5548657	-0.2866	0.774	-0.128576648	count	1
BAD	-0.0943714	0.1248513	-0.7559	0.45	-0.128470667	count	1
SMIM27	-0.0991633	0.138425	-0.7164	0.474	-0.128444574	count	1
PIDD1	-0.2167311	0.416995	-0.5197	0.603	-0.128431509	count	1

PA2G4	-0.0901073	0.0591246	-1.524	0.1276	-0.12839243	count	1
ABCD2	-0.1215803	0.2445591	-0.4971	0.619	-0.128253585	count	1
CCDC126	-0.113665	0.2411116	-0.4714	0.637	-0.12823354	count	1
DHRS4	-0.104328	0.2371206	-0.44	0.66	-0.128227576	count	1
IFT20	-0.0962145	0.1468915	-0.655	0.513	-0.128219952	count	1
RPL36A	-0.0908684	0.0548909	-1.6554	0.0979	-0.128202886	count	1
ARHGAP25	-0.095017	0.1308232	-0.7263	0.468	-0.128107422	count	1
DNAJB12	-0.0959162	0.1373431	-0.6984	0.485	-0.128050363	count	1
CTLA4	-0.0946017	0.1454175	-0.6506	0.515	-0.128027274	count	1
PSMG3	-0.0989647	0.1540895	-0.6423	0.521	-0.127970159	count	1
ZNF654	-0.1181657	0.2392717	-0.4939	0.621	-0.127956595	count	1
ZNF182	-0.1404727	0.3157106	-0.4449	0.656	-0.127851266	count	1
TRIM65	-0.1123301	0.2635318	-0.4262	0.67	-0.127809108	count	1
FYB1	-0.0892742	0.0403588	-2.212	0.027	-0.127778579	count	1
UGT8	-0.4260123	0.8571594	-0.497	0.619	-0.127739484	count	1
AC008610.1	-0.4260123	0.9544872	-0.4463	0.655	-0.127739484	count	1
KLK1	-0.4260123	1.0023465	-0.425	0.671	-0.127739484	count	1
AC124798.1	-0.4260123	1.071287	-0.3977	0.691	-0.127739484	count	1
ADGRB1	-0.4260123	1.0867484	-0.392	0.695	-0.127739484	count	1
UBE2Q2L	-0.4260123	1.0867484	-0.392	0.695	-0.127739484	count	1
RGS9BP	-0.4260123	1.0867484	-0.392	0.695	-0.127739484	count	1
SNX6	-0.0895397	0.0596451	-1.5012	0.133	-0.127687575	count	1
NANS	-0.0936797	0.1068073	-0.8771	0.38	-0.127652421	count	1
INTS6L	-0.1209695	0.2516574	-0.4807	0.631	-0.127615174	count	1
CDYL	-0.1021042	0.18645	-0.5476	0.584	-0.12760392	count	1
COMMD2	-0.0919586	0.110946	-0.8289	0.407	-0.127530984	count	1
ITGAE	-0.0929656	0.1263607	-0.7357	0.462	-0.127478298	count	1
OSBPL3	-0.1505759	0.2517638	-0.5981	0.55	-0.12747742	count	1
KLHL11	-0.1504736	0.3966466	-0.3794	0.704	-0.127392348	count	1
GRAMD4	-0.1323712	0.3656348	-0.362	0.717	-0.127279732	count	1
TSC22D2	-0.0995667	0.1478692	-0.6733	0.501	-0.127279715	count	1
ERO1B	-0.0989837	0.1311376	-0.7548	0.45	-0.127053632	count	1
PARP2	-0.1320983	0.3447336	-0.3832	0.702	-0.127020604	count	1
TSPAN9	-0.21418	0.8233839	-0.2601	0.795	-0.126975097	count	1
SLC41A1	-0.1924632	0.2619744	-0.7347	0.463	-0.126943973	count	1
CARD17	-0.3035145	0.9241657	-0.3284	0.743	-0.126881958	count	1
ARFGEF1	-0.0921074	0.1086898	-0.8474	0.397	-0.126822691	count	1
FAM219B	-0.1043953	0.1990037	-0.5246	0.6	-0.126787963	count	1
WDR33	-0.0908785	0.0890425	-1.0206	0.308	-0.1267213	count	1
CCDC115	-0.0912337	0.1079832	-0.8449	0.398	-0.126718509	count	1
SLC14A1	-0.8487932	0.5831956	-1.4554	0.146	-0.126469064	count	1
AC127070.1	-0.2132831	0.620258	-0.3439	0.731	-0.126462733	count	1
SNRNP35	-0.0912781	0.1343571	-0.6794	0.497	-0.126318161	count	1
SELENOK	-0.0881653	0.0462009	-1.9083	0.0564	-0.126211906	count	1
ZNF571	-0.143321	0.3013693	-0.4756	0.634	-0.126170342	count	1

ACSL1	-0.2126509	0.4367567	-0.4869	0.626	-0.126101481	count	1
LYPLA1	-0.0920363	0.1187195	-0.7752	0.438	-0.126012158	count	1
FAM69A	-0.1178079	0.2639056	-0.4464	0.655	-0.12600146	count	1
SH3GL1	-0.1082801	0.2143277	-0.5052	0.613	-0.12598204	count	1
ARRDC3	-0.0911369	0.1113029	-0.8188	0.413	-0.125960474	count	1
KMT2A	-0.0889523	0.0641659	-1.3863	0.166	-0.125948745	count	1
LAT	-0.0882865	0.0582985	-1.5144	0.13	-0.12590341	count	1
BZW2	-0.0970232	0.1533849	-0.6325	0.527	-0.125887572	count	1
CHRAC1	-0.090927	0.1069262	-0.8504	0.395	-0.125864065	count	1
ZC3H15	-0.0884256	0.0607235	-1.4562	0.145	-0.125801307	count	1
DUSP3	-0.4188161	0.409321	-1.0232	0.306	-0.125799553	count	1
AC074032.1	-0.1176132	0.2966448	-0.3965	0.692	-0.125795003	count	1
DYNLT3	-0.0895284	0.08736	-1.0248	0.306	-0.125721534	count	1
FAM111B	-0.8416244	0.68906	-1.2214	0.222	-0.125660019	count	1
ORAI3	-0.1004899	0.2486907	-0.4041	0.686	-0.125594059	count	1
MRPL22	-0.0899744	0.1047717	-0.8588	0.391	-0.125564166	count	1
AC073389.1	-0.300133	0.6211229	-0.4832	0.629	-0.125557628	count	1
TRMT44	-0.300066	0.427479	-0.7019	0.483	-0.125531334	count	1
SIAH2	-0.0892959	0.0820429	-1.0884	0.276	-0.125382007	count	1
PSMG4	-0.092377	0.1293578	-0.7141	0.475	-0.125374123	count	1
FEZ2	-0.0940277	0.15894	-0.5916	0.554	-0.125311566	count	1
NBPF15	-0.1302958	0.4356781	-0.2991	0.765	-0.125308687	count	1
ARG2	-0.1747964	0.3672521	-0.476	0.634	-0.125296358	count	1
LIMK2	-0.1336308	0.3285299	-0.4068	0.684	-0.125262357	count	1
TRMT10B	-0.0981078	0.2240291	-0.4379	0.661	-0.12515169	count	1
CNOT11	-0.0986572	0.1676126	-0.5886	0.556	-0.124982	count	1
MLEC	-0.0899267	0.1025527	-0.8769	0.381	-0.12495628	count	1
SBF2	-0.2102965	0.2808846	-0.7487	0.454	-0.124755371	count	1
ADNP	-0.0916247	0.1184281	-0.7737	0.439	-0.1247369	count	1
GPR174	-0.0893883	0.0980373	-0.9118	0.362	-0.124665848	count	1
LMO4	-0.0885422	0.0844509	-1.0484	0.295	-0.124636043	count	1
NDUFB3	-0.0887016	0.0930489	-0.9533	0.341	-0.124439015	count	1
WIPF1	-0.0883357	0.0769988	-1.1472	0.251	-0.124312594	count	1
FUS	-0.0869267	0.0445458	-1.9514	0.0511	-0.12424546	count	1
RPAP1	-0.2093826	0.4189327	-0.4998	0.617	-0.124232542	count	1
RNF34	-0.0918327	0.1314139	-0.6988	0.485	-0.124136665	count	1
MAPKAP1	-0.0964392	0.1423311	-0.6776	0.498	-0.124037106	count	1
HIKESHI	-0.0893643	0.1102248	-0.8107	0.418	-0.124018871	count	1
RSRC2	-0.0868328	0.0478058	-1.8164	0.0694	-0.123833295	count	1
ANKRD10	-0.0910465	0.1196395	-0.761	0.447	-0.123828464	count	1
SLC9A8	-0.1615862	0.2912206	-0.5549	0.579	-0.123815379	count	1
RNF168	-0.0888681	0.0878757	-1.0113	0.312	-0.12381411	count	1
NDUFB2-AS1	-0.8243669	0.8086319	-1.0195	0.308	-0.123695385	count	1
WBP11	-0.0888878	0.0876508	-1.0141	0.311	-0.123683653	count	1
MYDGF	-0.0875641	0.0809699	-1.0814	0.28	-0.123662374	count	1

AL133342.1	-0.0955903	0.226553	-0.4219	0.673	-0.123618858	count	1
FAM168A	-0.1459022	0.4086768	-0.357	0.721	-0.123588464	count	1
SASS6	-0.0991308	0.221303	-0.4479	0.654	-0.123526561	count	1
UQCRB	-0.0860411	0.0326024	-2.6391	0.00835	-0.123508371	count	1
C12orf76	-0.0938356	0.1534515	-0.6115	0.541	-0.123487197	count	1
VPS50	-0.112623	0.2124714	-0.5301	0.596	-0.123399164	count	1
POLB	-0.0946133	0.1596574	-0.5926	0.553	-0.123341587	count	1
VMAC	-0.0978423	0.2672699	-0.3661	0.714	-0.123326888	count	1
EVL	-0.0861618	0.0465792	-1.8498	0.0644	-0.12329822	count	1
ZNRF2	-0.0932214	0.128011	-0.7282	0.467	-0.123250326	count	1
LSM10	-0.0876502	0.0963414	-0.9098	0.363	-0.123234336	count	1
COX5B	-0.0860436	0.0482494	-1.7833	0.0746	-0.123229779	count	1
PSMD4	-0.0873593	0.0798562	-1.094	0.274	-0.123200554	count	1
LNPEP	-0.0900452	0.1030516	-0.8738	0.382	-0.123190689	count	1
AC008763.2	-0.2074866	0.7520108	-0.2759	0.783	-0.123147304	count	1
AC025171.4	-0.2939485	0.7178803	-0.4095	0.682	-0.123130133	count	1
PPP1R13B	-0.1278906	0.304378	-0.4202	0.674	-0.123023403	count	1
FUT10	-0.1350668	0.4166833	-0.3241	0.746	-0.123000574	count	1
COL18A1	-0.1519712	0.2927368	-0.5191	0.604	-0.122992559	count	1
APBB1IP	-0.0861436	0.0501862	-1.7165	0.0862	-0.122984066	count	1
POLE3	-0.088754	0.0921338	-0.9633	0.335	-0.122919123	count	1
UBAP1	-0.0963268	0.1810834	-0.5319	0.595	-0.122886832	count	1
SREBF1	-0.171348	0.3136696	-0.5463	0.585	-0.122885487	count	1
BAG6	-0.1036464	0.1861901	-0.5567	0.578	-0.122847424	count	1
SREBF2	-0.1601019	0.3001756	-0.5334	0.594	-0.122702369	count	1
PSMC6	-0.0889946	0.095886	-0.9281	0.353	-0.122691613	count	1
SNX1	-0.0921412	0.1522468	-0.6052	0.545	-0.12268971	count	1
LIPT2	-0.1308151	0.6700356	-0.1952	0.845	-0.122657165	count	1
TAB2	-0.1013746	0.1733601	-0.5848	0.559	-0.122597595	count	1
HIST1H2BK	-0.2382348	0.6332179	-0.3762	0.707	-0.122572298	count	1
MED19	-0.0884967	0.111682	-0.7924	0.428	-0.122182039	count	1
RPS18	-0.0846226	0.0163359	-5.1801	2.35E-07	-0.12201084	count	0.00567102
SFSWAP	-0.0885624	0.1175794	-0.7532	0.451	-0.121985145	count	1
TSTD1	-0.0857244	0.0659539	-1.2998	0.194	-0.121973274	count	1
LDHA	-0.0848947	0.0354902	-2.3921	0.0168	-0.121945806	count	1
TNFSF12	-0.0860388	0.0744819	-1.1552	0.248	-0.121914347	count	1
ANKRD27	-0.1383884	0.3269202	-0.4233	0.672	-0.121894387	count	1
ZNF20	-0.8081706	1.176089	-0.6872	0.492	-0.121829577	count	1
PCDH10	-0.8081706	1.371422	-0.5893	0.556	-0.121829577	count	1
BGLAP	-0.8081706	1.391391	-0.5808	0.561	-0.121829577	count	1
IGLV3-9	-0.8081706	1.391391	-0.5808	0.561	-0.121829577	count	1
BLVRA	-0.0920866	0.1493535	-0.6166	0.538	-0.121753201	count	1
THTPA	-0.1098757	0.3454234	-0.3181	0.75	-0.121682881	count	1
NSD1	-0.087367	0.095166	-0.918	0.359	-0.121637175	count	1
ESCO1	-0.0870835	0.0977088	-0.8913	0.373	-0.121590214	count	1

TIGD3	-0.8061024	0.6180344	-1.3043	0.192	-0.121589772	count	1
PSMD7	-0.0856082	0.0757849	-1.1296	0.259	-0.121422641	count	1
COPS3	-0.0870029	0.0971496	-0.8956	0.371	-0.121321536	count	1
CD58	-0.086689	0.1086919	-0.7976	0.425	-0.121201635	count	1
TCF25	-0.0854947	0.0607272	-1.4078	0.159	-0.121160577	count	1
DNPEP	-0.0891791	0.128306	-0.6951	0.487	-0.121104924	count	1
MINDY2	-0.0974696	0.1659981	-0.5872	0.557	-0.121080703	count	1
ORAI1	-0.085233	0.0699829	-1.2179	0.223	-0.12100543	count	1
SP1	-0.1229099	0.2772259	-0.4434	0.658	-0.120971741	count	1
PLEKHJ1	-0.0872439	0.1186416	-0.7354	0.462	-0.120915645	count	1
TMEM256	-0.0870134	0.1075985	-0.8087	0.419	-0.120911764	count	1
VDAC2	-0.0849203	0.059365	-1.4305	0.153	-0.120852655	count	1
CDKN2AIP	-0.0876387	0.0913297	-0.9596	0.337	-0.120788118	count	1
CLIC1	-0.0838954	0.0320168	-2.6204	0.00882	-0.120767971	count	1
C9orf72	-0.1226027	0.2160431	-0.5675	0.57	-0.120672699	count	1
INO80E	-0.0957248	0.1922899	-0.4978	0.619	-0.120666864	count	1
SENP2	-0.0988968	0.2117392	-0.4671	0.64	-0.120640729	count	1
JADE1	-0.0934197	0.1666887	-0.5604	0.575	-0.120607715	count	1
FLI1	-0.0935894	0.1351625	-0.6924	0.489	-0.120607604	count	1
PDLIM3	-0.1421558	0.6138428	-0.2316	0.817	-0.120467817	count	1
1-Sep	-0.0843506	0.0600328	-1.4051	0.16	-0.120458344	count	1
NFU1	-0.0910938	0.1434086	-0.6352	0.525	-0.120443344	count	1
B3GALT6	-0.0917198	0.2095903	-0.4376	0.662	-0.120407125	count	1
LYSMD2	-0.085251	0.0833234	-1.0231	0.306	-0.120381418	count	1
BUB3	-0.0846867	0.0610644	-1.3868	0.166	-0.120225641	count	1
CYB561D1	-0.1247815	0.3920379	-0.3183	0.75	-0.120067678	count	1
ZC3H4	-0.0917757	0.1893761	-0.4846	0.628	-0.119996492	count	1
ATP5MD	-0.0842575	0.0642102	-1.3122	0.19	-0.119893382	count	1
NCLN	-0.1044447	0.2806119	-0.3722	0.71	-0.119828791	count	1
SHKBP1	-0.0866047	0.1078085	-0.8033	0.422	-0.119796497	count	1
GNG7	-0.2325685	0.4610243	-0.5045	0.614	-0.119783843	count	1
TTC1	-0.0853521	0.090827	-0.9397	0.347	-0.119631326	count	1
CDK5RAP3	-0.0909768	0.1398125	-0.6507	0.515	-0.119585608	count	1
ADIPOR2	-0.0956417	0.1732518	-0.552	0.581	-0.119556339	count	1
C16orf46	-0.7886236	0.9936339	-0.7937	0.427	-0.119549219	count	1
ELN	-0.2848447	0.6463293	-0.4407	0.659	-0.119544075	count	1
AC019077.1	-0.3954772	1.1714899	-0.3376	0.736	-0.119455069	count	1
HIST1H4I	-0.2315652	0.898855	-0.2576	0.797	-0.119289436	count	1
SMPD4	-0.1047706	0.261389	-0.4008	0.689	-0.119261314	count	1
KIAA2026	-0.0868913	0.1005902	-0.8638	0.388	-0.119246306	count	1
MPP1	-0.0920361	0.2537005	-0.3628	0.717	-0.119237071	count	1
ANAPC5	-0.0869093	0.0961934	-0.9035	0.366	-0.119227604	count	1
ARL6IP4	-0.0833666	0.0485511	-1.7171	0.0861	-0.119181462	count	1
UHRF1BP1L	-0.097641	0.2293277	-0.4258	0.67	-0.119115273	count	1
NMD3	-0.1029798	0.1751767	-0.5879	0.557	-0.119028042	count	1

SLC25A11	-0.0875709	0.1366105	-0.641	0.522	-0.11898646	count	1
MORF4L1	-0.0832296	0.0454576	-1.8309	0.0672	-0.11898278	count	1
ETV6	-0.0960027	0.1658193	-0.579	0.563	-0.118872166	count	1
SLC35E2A	-0.2830577	0.4283384	-0.6608	0.509	-0.118838384	count	1
PRKCA	-0.1096217	0.1791809	-0.6118	0.541	-0.118775706	count	1
HMGCS1	-0.094155	0.1657277	-0.5681	0.57	-0.118694596	count	1
TNFSF14	-0.0853808	0.1227137	-0.6958	0.487	-0.118521209	count	1
ATP6V0E1	-0.0826204	0.041683	-1.9821	0.0475	-0.118499097	count	1
DFFB	-0.2821373	0.3586236	-0.7867	0.431	-0.11847469	count	1
MUT	-0.1121541	0.2656146	-0.4222	0.673	-0.118394271	count	1
GTSF1	-0.0988144	0.2949031	-0.3351	0.738	-0.118389665	count	1
CHKB	-0.1341553	0.4603219	-0.2914	0.771	-0.118220861	count	1
ASB13	-0.3904227	0.7183376	-0.5435	0.587	-0.118070444	count	1
SLC39A3	-0.0901577	0.1828819	-0.493	0.622	-0.117885938	count	1
KMT2E	-0.0824302	0.0460746	-1.7891	0.0737	-0.117848689	count	1
CARNMT1	-0.0950813	0.2260451	-0.4206	0.674	-0.117735558	count	1
PRKAR2A	-0.0893281	0.1456228	-0.6134	0.54	-0.117568311	count	1
C19orf47	-0.3885605	0.6436823	-0.6037	0.546	-0.117559403	count	1
YTHDF2	-0.0841724	0.0891976	-0.9437	0.345	-0.117397137	count	1
RHOU	-0.1383205	0.3752206	-0.3686	0.712	-0.117270098	count	1
ACBD3	-0.084538	0.1105813	-0.7645	0.445	-0.117195965	count	1
AHR	-0.1126027	0.1953628	-0.5764	0.564	-0.117118407	count	1
RASGEF1A	-0.0977382	0.2922604	-0.3344	0.738	-0.11710623	count	1
ZNF778	-0.3865972	0.4347996	-0.8891	0.374	-0.117020014	count	1
KRBOX4	-0.1036357	0.2375773	-0.4362	0.663	-0.116990417	count	1
ACAP2	-0.0832135	0.0854759	-0.9735	0.33	-0.116966057	count	1
NLRP3	-0.1019085	0.2429479	-0.4195	0.675	-0.116935991	count	1
ZNF296	-0.0895248	0.1691134	-0.5294	0.597	-0.116894446	count	1
TMLHE	-0.0980235	0.2703217	-0.3626	0.717	-0.116846355	count	1
NUDT21	-0.0851025	0.114261	-0.7448	0.456	-0.1167518	count	1
NUP37	-0.0912247	0.1986545	-0.4592	0.646	-0.11664675	count	1
SNX25	-0.1439521	0.3776868	-0.3811	0.703	-0.116618867	count	1
SOCS5	-0.1160432	0.2876184	-0.4035	0.687	-0.116595458	count	1
AC002470.1	-0.7626673	0.6444572	-1.1834	0.237	-0.116472567	count	1
URB2	-0.2257411	0.5211113	-0.4332	0.665	-0.116415443	count	1
ARL5A	-0.1022286	0.2494044	-0.4099	0.682	-0.11638517	count	1
MSRB1	-0.0980985	0.2474476	-0.3964	0.692	-0.116303894	count	1
HEBP2	-0.082084	0.0715474	-1.1473	0.251	-0.116301862	count	1
CBFB	-0.0904063	0.142589	-0.634	0.526	-0.116298984	count	1
BABAM1	-0.0842928	0.1130449	-0.7457	0.456	-0.116284557	count	1
WDR18	-0.0929704	0.1921176	-0.4839	0.628	-0.116228643	count	1
SEC13	-0.0848651	0.1333126	-0.6366	0.524	-0.116159307	count	1
ATP13A2	-0.1020111	0.2745465	-0.3716	0.71	-0.116139037	count	1
GPR65	-0.0821392	0.0694998	-1.1819	0.237	-0.116092904	count	1
CDK19	-0.1115958	0.2799517	-0.3986	0.69	-0.116080262	count	1

ASH1L	-0.083947	0.0895909	-0.937	0.349	-0.116063644	count	1
CNP	-0.089399	0.1692589	-0.5282	0.597	-0.116019977	count	1
APRT	-0.080913	0.0416355	-1.9434	0.0521	-0.115969155	count	1
SHPRH	-0.0887917	0.1317457	-0.674	0.5	-0.115939464	count	1
LDB1	-0.0967179	0.1853393	-0.5218	0.602	-0.11588933	count	1
TMED4	-0.0819159	0.0797707	-1.0269	0.305	-0.115859359	count	1
ZBTB48	-0.1113777	0.2173152	-0.5125	0.608	-0.11585537	count	1
PLAA	-0.127079	0.2635303	-0.4822	0.63	-0.115822493	count	1
EID3	-0.1025598	0.2680295	-0.3826	0.702	-0.11578344	count	1
KLHL36	-0.0900884	0.1391834	-0.6473	0.518	-0.115667418	count	1
MRPL54	-0.0817861	0.0763754	-1.0708	0.284	-0.115601109	count	1
UGDH	-0.2747754	0.3690733	-0.7445	0.457	-0.115560132	count	1
USP9Y	-0.1267437	0.2629342	-0.482	0.63	-0.115520903	count	1
PLEKHA5	-0.0873545	0.1546293	-0.5649	0.572	-0.115509309	count	1
ZNF397	-0.0979742	0.2364949	-0.4143	0.679	-0.11549338	count	1
RPLP1	-0.0800275	0.0155551	-5.1448	2.83E-07	-0.115421263	count	0.006829073
RPAP2	-0.0865876	0.1270173	-0.6817	0.495	-0.115414294	count	1
FAM222A	-0.22358	0.5487156	-0.4075	0.684	-0.115347288	count	1
SUZ12	-0.0832737	0.0898591	-0.9267	0.354	-0.115336256	count	1
DOK1	-0.0888644	0.2011065	-0.4419	0.659	-0.115327907	count	1
MED21	-0.084511	0.1231941	-0.686	0.493	-0.115175015	count	1
CRNKL1	-0.0871009	0.1580476	-0.5511	0.582	-0.11517465	count	1
TTL5	-0.1500106	0.4558918	-0.329	0.742	-0.11512285	count	1
INTS3	-0.1357228	0.3180173	-0.4268	0.67	-0.115102511	count	1
AC058791.1	-0.0847859	0.0752448	-1.1268	0.26	-0.115085873	count	1
ELL	-0.0893403	0.197691	-0.4519	0.651	-0.114931367	count	1
DNAJC11	-0.1303236	0.3909917	-0.3333	0.739	-0.114892533	count	1
HCG27	-0.3788649	0.6870725	-0.5514	0.581	-0.114890141	count	1
MSMO1	-0.0875067	0.1527423	-0.5729	0.567	-0.114888407	count	1
MAP2K1	-0.0915902	0.152695	-0.5998	0.549	-0.114842055	count	1
NMT1	-0.0878878	0.1544989	-0.5689	0.569	-0.114761935	count	1
HIVEP2	-0.0978998	0.1828909	-0.5353	0.592	-0.11470685	count	1
TAMM41	-0.0943921	0.2039681	-0.4628	0.644	-0.114689725	count	1
GPN2	-0.1057458	0.2247551	-0.4705	0.638	-0.114607062	count	1
PSD4	-0.0919408	0.2046152	-0.4493	0.653	-0.114598408	count	1
ZNF410	-0.2220595	0.4296238	-0.5169	0.605	-0.1145952	count	1
HNRNPH2	-0.0870463	0.1280417	-0.6798	0.497	-0.114571513	count	1
PML	-0.0922082	0.2062292	-0.4471	0.655	-0.1145681	count	1
CHD3	-0.0828729	0.1061238	-0.7809	0.435	-0.114488324	count	1
ZNF432	-0.1923278	0.326414	-0.5892	0.556	-0.114443436	count	1
SEC62	-0.0800484	0.0501618	-1.5958	0.1106	-0.114442801	count	1
CENPS	-0.3768897	0.671812	-0.561	0.575	-0.114344671	count	1
HIST2H2BE	-0.3768897	0.7838741	-0.4808	0.631	-0.114344671	count	1
AL157392.5	-0.3768897	0.8391786	-0.4491	0.653	-0.114344671	count	1
CEP44	-0.0988824	0.2077812	-0.4759	0.634	-0.114318086	count	1

SH3BGRL3	-0.0792941	0.0247564	-3.203	0.00137	-0.114306803	count	1
CHD9	-0.0825549	0.1031086	-0.8007	0.423	-0.114228891	count	1
APBB1	-0.1053814	0.2071712	-0.5087	0.611	-0.114215018	count	1
GLI4	-0.0914253	0.1886613	-0.4846	0.628	-0.113958092	count	1
HDHD5	-0.0914182	0.2187295	-0.418	0.676	-0.113949273	count	1
GJA1	-0.7406361	1.175611	-0.63	0.529	-0.113817344	count	1
BIRC3	-0.0800979	0.0598554	-1.3382	0.181	-0.113734501	count	1
PTP4A2	-0.0797261	0.0541207	-1.4731	0.1408	-0.113709633	count	1
PDS5A	-0.0856568	0.1531155	-0.5594	0.576	-0.113628791	count	1
ATP6V1F	-0.079601	0.0630644	-1.2622	0.207	-0.113481945	count	1
ETNK1	-0.0827249	0.1159391	-0.7135	0.476	-0.11332265	count	1
MAGOHB	-0.0843825	0.156608	-0.5388	0.59	-0.113314206	count	1
RNF126	-0.0807144	0.0894428	-0.9024	0.367	-0.11329104	count	1
FGGY	-0.1335043	0.4021365	-0.332	0.74	-0.11325024	count	1
UTRN	-0.0807294	0.0790278	-1.0215	0.307	-0.113183225	count	1
PTAR1	-0.0871833	0.1717476	-0.5076	0.612	-0.113151483	count	1
HSF1	-0.0870279	0.1397747	-0.6226	0.534	-0.113130548	count	1
SETD4	-0.1056803	0.2930156	-0.3607	0.718	-0.113129711	count	1
PRIM1	-0.0872829	0.2053423	-0.4251	0.671	-0.113094311	count	1
SOCS2	-0.0857763	0.1686269	-0.5087	0.611	-0.113039114	count	1
LINC02086	-0.3721495	0.9525648	-0.3907	0.696	-0.113033248	count	1
SLA	-0.0797653	0.053673	-1.4861	0.137	-0.112799519	count	1
GUK1	-0.0785373	0.0418736	-1.8756	0.0608	-0.112693329	count	1
MOSPD3	-0.0834691	0.1582693	-0.5274	0.598	-0.112561529	count	1
MYLK-AS1	-0.1326032	0.5978171	-0.2218	0.824	-0.112497601	count	1
GFI1	-0.1003087	0.1803103	-0.5563	0.578	-0.112241103	count	1
SCYL3	-0.1077925	0.2763767	-0.39	0.697	-0.112157382	count	1
MSL1	-0.0863814	0.1542419	-0.56	0.575	-0.112113234	count	1
SERF1A	-0.2659359	0.7750093	-0.3431	0.732	-0.112047606	count	1
ENTPD1	-0.2658642	0.4246102	-0.6261	0.531	-0.112019059	count	1
MIA3	-0.0810728	0.0978245	-0.8288	0.407	-0.112003867	count	1
MDM4	-0.0815204	0.1036549	-0.7865	0.432	-0.11188361	count	1
CTR9	-0.0837823	0.1349923	-0.6206	0.535	-0.111781652	count	1
TXLNG	-0.089027	0.1529423	-0.5821	0.561	-0.111638538	count	1
FAM107B	-0.0781775	0.0499318	-1.5657	0.118	-0.111588466	count	1
TESK2	-0.1872368	0.3700453	-0.506	0.613	-0.111509476	count	1
SEMA4C	-0.1070678	0.2667331	-0.4014	0.688	-0.111409618	count	1
SLC26A6	-0.1870625	0.5287912	-0.3538	0.724	-0.111408931	count	1
BCL7B	-0.080236	0.0909532	-0.8822	0.378	-0.11136144	count	1
RUNX3	-0.0787631	0.0642872	-1.2252	0.221	-0.111350189	count	1
SCG5	-0.1868871	1.1239753	-0.1663	0.868	-0.111307742	count	1
AC009159.3	-0.1868871	1.267742	-0.1474	0.883	-0.111307742	count	1
MTF2	-0.0822684	0.1198291	-0.6865	0.492	-0.111293819	count	1
U2AF1L4	-0.0821716	0.1239852	-0.6628	0.508	-0.111229046	count	1
UTP20	-0.1447131	0.3172736	-0.4561	0.648	-0.111135238	count	1

FXD2	-0.1677779	0.647716	-0.259	0.796	-0.111086562	count	1
PSMD11	-0.0796931	0.1006195	-0.792	0.428	-0.111079435	count	1
CCNY	-0.0840564	0.1366299	-0.6152	0.538	-0.110906782	count	1
SMIM26	-0.0787721	0.0841541	-0.936	0.349	-0.11080068	count	1
GALNT1	-0.0835026	0.1275163	-0.6548	0.513	-0.110776439	count	1
PCNX2	-0.0915376	0.2143454	-0.4271	0.669	-0.110750235	count	1
SGSM2	-0.1081571	0.3369382	-0.321	0.748	-0.11071811	count	1
ATP5PO	-0.0776531	0.059235	-1.3109	0.19	-0.110703385	count	1
PRPF40B	-0.185839	0.5814135	-0.3196	0.749	-0.110702971	count	1
DNTTIP1	-0.0869184	0.1840863	-0.4722	0.637	-0.110672105	count	1
CES4A	-0.214109	0.403665	-0.5304	0.596	-0.11065511	count	1
PUS1	-0.0936597	0.2773265	-0.3377	0.736	-0.110431616	count	1
CMTM7	-0.0791751	0.088261	-0.8971	0.37	-0.110300209	count	1
CLTB	-0.0778072	0.073827	-1.0539	0.292	-0.110280319	count	1
ANKRD18A	-0.1663956	0.5708497	-0.2915	0.771	-0.110194746	count	1
HLA-A	-0.0764187	0.0187839	-4.0683	4.84E-05	-0.110164696	count	1
WDR91	-0.1530998	0.4053868	-0.3777	0.706	-0.110084982	count	1
KIAA1671	-0.1530998	0.4226765	-0.3622	0.717	-0.110084982	count	1
TAF3	-0.083063	0.1165793	-0.7125	0.476	-0.110080806	count	1
TANK	-0.0782835	0.0753288	-1.0392	0.299	-0.110040238	count	1
SLC52A2	-0.081266	0.1306367	-0.6221	0.534	-0.110004909	count	1
CNTRL	-0.080184	0.0962336	-0.8332	0.405	-0.109759329	count	1
RHOT1	-0.0919447	0.2068614	-0.4445	0.657	-0.109632461	count	1
IMPA1	-0.0860673	0.1542906	-0.5578	0.577	-0.109591443	count	1
DNAL1	-0.2597496	0.3978239	-0.6529	0.514	-0.109580964	count	1
SGF29	-0.0810982	0.1321568	-0.6137	0.539	-0.109440331	count	1
DHRS3	-0.0830143	0.1343312	-0.618	0.537	-0.10940649	count	1
ZNF257	-0.7047512	0.3929031	-1.7937	0.0729	-0.109405566	count	1
FARS2	-0.0872172	0.1897178	-0.4597	0.646	-0.109376251	count	1
ZNF609	-0.0939341	0.2333805	-0.4025	0.687	-0.109375338	count	1
GNAS	-0.0761216	0.0322879	-2.3576	0.0185	-0.10937302	count	1
FAM131A	-0.1834943	0.3660231	-0.5013	0.616	-0.109349204	count	1
PRPF38A	-0.080013	0.114828	-0.6968	0.486	-0.109344974	count	1
EGR4	-0.358847	0.6941204	-0.517	0.605	-0.10933531	count	1
SCOC-AS1	-0.358847	0.7691146	-0.4666	0.641	-0.10933531	count	1
AC245452.1	-0.358847	0.817204	-0.4391	0.661	-0.10933531	count	1
SGO1	-0.358847	1.013917	-0.3539	0.723	-0.10933531	count	1
DDX49	-0.0833636	0.1652071	-0.5046	0.614	-0.109317822	count	1
BMS1	-0.0832039	0.1397418	-0.5954	0.552	-0.109250931	count	1
SEMA7A	-0.7034277	0.786226	-0.8947	0.371	-0.109240775	count	1
CD47	-0.076711	0.0601086	-1.2762	0.202	-0.109215907	count	1
ZBTB20	-0.0808437	0.1099083	-0.7356	0.462	-0.109097385	count	1
BACH1	-0.0880665	0.1480667	-0.5948	0.552	-0.109079497	count	1
C4orf46	-0.1418795	0.2997832	-0.4733	0.636	-0.108999842	count	1
GMFG	-0.0758876	0.0378167	-2.0067	0.0449	-0.108975789	count	1

HINT2	-0.0781901	0.1099221	-0.7113	0.477	-0.108967207	count	1
NUDC	-0.0774109	0.0790587	-0.9792	0.328	-0.108781995	count	1
PLXNC1	-0.1128356	0.3162784	-0.3568	0.721	-0.108694109	count	1
RBX1	-0.0764232	0.0684021	-1.1173	0.264	-0.108590603	count	1
OSBPL9	-0.0821096	0.1409654	-0.5825	0.56	-0.108587109	count	1
NSMCE1	-0.07921	0.1146234	-0.691	0.49	-0.108554792	count	1
TBCB	-0.0761585	0.0660988	-1.1522	0.249	-0.108492649	count	1
DBT	-0.0987589	0.2934751	-0.3365	0.737	-0.108309223	count	1
SF3B2	-0.0763134	0.0647726	-1.1782	0.239	-0.108248541	count	1
FAM92A	-0.3546952	0.9861485	-0.3597	0.719	-0.108175819	count	1
FAM98C	-0.0817063	0.1450773	-0.5632	0.573	-0.10817182	count	1
CD109	-0.1407344	0.579437	-0.2429	0.808	-0.108136412	count	1
ZNF785	-0.1407344	0.5823544	-0.2417	0.809	-0.108136412	count	1
ZNF266	-0.1225545	0.3113096	-0.3937	0.694	-0.108134972	count	1
ZKSCAN8	-0.1813643	0.5724637	-0.3168	0.751	-0.108118417	count	1
S1PR1	-0.0875644	0.2084308	-0.4201	0.674	-0.108086861	count	1
HSPB1	-0.0771777	0.0798087	-0.967	0.334	-0.108073157	count	1
CPD	-0.0892995	0.1694575	-0.527	0.598	-0.108053203	count	1
MRPL20	-0.0760466	0.0704902	-1.0788	0.281	-0.107918247	count	1
TUBG1	-0.100761	0.3237362	-0.3112	0.756	-0.107901773	count	1
CRTC3	-0.0857063	0.1441154	-0.5947	0.552	-0.107787075	count	1
NOP2	-0.2552401	0.387946	-0.6579	0.511	-0.107778557	count	1
PIP4K2B	-0.093166	0.3082323	-0.3023	0.762	-0.107743333	count	1
ICK	-0.0863868	0.2221911	-0.3888	0.697	-0.10769825	count	1
CCDC28A	-0.080318	0.1331028	-0.6034	0.546	-0.107616566	count	1
DSEL	-0.352092	0.3863258	-0.9114	0.362	-0.107447529	count	1
TKT	-0.0760541	0.0757282	-1.0043	0.315	-0.107240479	count	1
AGAP1	-0.3512516	0.5184729	-0.6775	0.498	-0.10721222	count	1
TRIM35	-0.1012834	0.31527	-0.3213	0.748	-0.107005714	count	1
TMEM156	-0.0828116	0.1705166	-0.4857	0.627	-0.106945388	count	1
CCDC189	-0.3502327	0.7234914	-0.4841	0.628	-0.106926735	count	1
MTM1	-0.0974642	0.2228117	-0.4374	0.662	-0.106898538	count	1
AC008403.3	-0.3499905	0.5693277	-0.6147	0.539	-0.106858857	count	1
BIK	-0.0945867	0.2956523	-0.3199	0.749	-0.106833811	count	1
HMGB2	-0.0749405	0.0600799	-1.2473	0.2124	-0.106821662	count	1
BLOC1S6	-0.0798531	0.1255833	-0.6359	0.525	-0.106821645	count	1
SIGMAR1	-0.0828625	0.201456	-0.4113	0.681	-0.106817873	count	1
BOLA2-SMG1P6	-0.2526239	0.5331722	-0.4738	0.636	-0.1067312	count	1
DCP1A	-0.0795289	0.1284332	-0.6192	0.536	-0.106644417	count	1
CCDC130	-0.0793369	0.1320882	-0.6006	0.548	-0.106627322	count	1
ILK	-0.0772059	0.1136132	-0.6796	0.497	-0.106422822	count	1
CCDC171	-0.3481863	0.4415073	-0.7886	0.43	-0.106352985	count	1
TPP2	-0.0858217	0.1653753	-0.519	0.604	-0.106308421	count	1
AC073896.3	-0.6799715	0.8446916	-0.805	0.421	-0.106295715	count	1
PPP4R3A	-0.0781729	0.1028978	-0.7597	0.447	-0.10628765	count	1

ALKBH3	-0.0824085	0.1998255	-0.4124	0.68	-0.106234041	count	1
ATG2B	-0.0938867	0.2841638	-0.3304	0.741	-0.106047643	count	1
VPS13B	-0.0883716	0.2066094	-0.4277	0.669	-0.105930176	count	1
UBE2G2	-0.0764797	0.1064555	-0.7184	0.473	-0.105776066	count	1
PRKAR2B	-0.2501676	0.6187883	-0.4043	0.686	-0.105746741	count	1
NBDY	-0.0757595	0.0932695	-0.8123	0.417	-0.105654117	count	1
DOCK10	-0.0773743	0.0947982	-0.8162	0.414	-0.105604992	count	1
CALY	-0.084924	0.2791782	-0.3042	0.761	-0.105547073	count	1
ZNF777	-0.1155487	0.4576105	-0.2525	0.801	-0.105438769	count	1
STXBP3	-0.0768391	0.1059222	-0.7254	0.468	-0.105427086	count	1
DNAJC18	-0.1370737	0.3656976	-0.3748	0.708	-0.105374321	count	1
SYAP1	-0.0760628	0.0900021	-0.8451	0.398	-0.105357356	count	1
PI4K2A	-0.0950425	0.3180038	-0.2989	0.765	-0.105356766	count	1
REC8	-0.1154187	0.3293651	-0.3504	0.726	-0.105321549	count	1
POLI	-0.1092747	0.280989	-0.3889	0.697	-0.105298635	count	1
NLE1	-0.1046337	0.3301582	-0.3169	0.751	-0.105233279	count	1
TRAV27	-0.671555	0.9103404	-0.7377	0.461	-0.105227586	count	1
TDRKH-AS1	-0.203127	0.6190112	-0.3281	0.743	-0.105192003	count	1
KAT7	-0.0795689	0.1204733	-0.6605	0.509	-0.10511655	count	1
PHF11	-0.0752248	0.0920841	-0.8169	0.414	-0.105075722	count	1
USP8	-0.0759867	0.0986222	-0.7705	0.441	-0.105039855	count	1
INTS14	-0.0837004	0.2025321	-0.4133	0.679	-0.10497929	count	1
ZNF384	-0.1235838	0.2807461	-0.4402	0.66	-0.104955012	count	1
SLC15A3	-0.2481415	0.9538888	-0.2601	0.795	-0.104933883	count	1
COQ9	-0.1007753	0.2460102	-0.4096	0.682	-0.104913122	count	1
TCTA	-0.0821882	0.2051974	-0.4005	0.689	-0.104897392	count	1
TMEM120A	-0.08129	0.1797579	-0.4522	0.651	-0.10479561	count	1
FIP1L1	-0.0763041	0.1013029	-0.7532	0.451	-0.104731777	count	1
NLK	-0.1454981	0.3987189	-0.3649	0.715	-0.10473165	count	1
DEAF1	-0.0892569	0.2068484	-0.4315	0.666	-0.104627274	count	1
TRIM73	-0.0882011	0.2317882	-0.3805	0.704	-0.104620877	count	1
CYP20A1	-0.0756758	0.1040882	-0.727	0.467	-0.104610459	count	1
TOMM20	-0.0732037	0.0462818	-1.5817	0.114	-0.10459236	count	1
BTBD2	-0.0897855	0.2537107	-0.3539	0.723	-0.104567954	count	1
KLHL20	-0.0903697	0.227192	-0.3978	0.691	-0.104525565	count	1
USP7	-0.0775622	0.1207911	-0.6421	0.521	-0.10446661	count	1
SMIM10L1	-0.0749931	0.10098	-0.7427	0.458	-0.104459753	count	1
RRBP1	-0.0781543	0.1102105	-0.7091	0.478	-0.104376151	count	1
ARHGAP30	-0.074822	0.0955233	-0.7833	0.434	-0.10425848	count	1
GOLGA7B	-0.0972684	0.3681629	-0.2642	0.792	-0.104187687	count	1
TTC9	-0.0817158	0.1865331	-0.4381	0.661	-0.104065265	count	1
NELFA	-0.0831776	0.2125676	-0.3913	0.696	-0.104023623	count	1
ALG8	-0.0831752	0.2236179	-0.372	0.71	-0.10402063	count	1
PPP1R15B	-0.081679	0.1285517	-0.6354	0.525	-0.104018523	count	1
FXR1	-0.0745325	0.0831499	-0.8964	0.37	-0.104012082	count	1

RGPD5	-0.1224488	0.3298653	-0.3712	0.711	-0.104004675	count	1
FAM72A	-0.3395965	0.7651805	-0.4438	0.657	-0.103937787	count	1
LMBR1	-0.1740421	0.2837334	-0.6134	0.54	-0.103880192	count	1
ZNF346	-0.3392399	0.4497267	-0.7543	0.451	-0.103837319	count	1
AC069185.1	-0.0997179	0.6132575	-0.1626	0.871	-0.103820789	count	1
TMC6	-0.0745059	0.0886023	-0.8409	0.4	-0.103818328	count	1
RCC1L	-0.086555	0.1946714	-0.4446	0.657	-0.103761447	count	1
MIB2	-0.0755154	0.1278004	-0.5909	0.555	-0.103759969	count	1
TMEM218	-0.080705	0.2026689	-0.3982	0.69	-0.103649361	count	1
MVK	-0.2447566	0.3858296	-0.6344	0.526	-0.103574237	count	1
UQCRH	-0.0722863	0.0442229	-1.6346	0.102	-0.103515924	count	1
ELL2	-0.1733907	0.1614014	-1.0743	0.283	-0.103502608	count	1
TAX1BP3	-0.0882752	0.2861468	-0.3085	0.758	-0.103481788	count	1
ZNF133	-0.337938	0.5575316	-0.6061	0.544	-0.103470251	count	1
ENOX2	-0.0888229	0.2275537	-0.3903	0.696	-0.103452176	count	1
RALGAPA2	-0.096359	0.2375804	-0.4056	0.685	-0.103220294	count	1
CCDC152	-0.0835654	0.2609788	-0.3202	0.749	-0.103167074	count	1
SHISA5	-0.0729809	0.0810363	-0.9006	0.368	-0.102984651	count	1
STARD10	-0.086806	0.2094	-0.4145	0.679	-0.102973119	count	1
INO80	-0.0760173	0.1190149	-0.6387	0.523	-0.10290925	count	1
ZNF83	-0.0809759	0.1658518	-0.4882	0.625	-0.10288893	count	1
U2AF1L5	-0.1550913	0.4635929	-0.3345	0.738	-0.102886359	count	1
ZNF341	-0.1984746	0.7660987	-0.2591	0.796	-0.102870413	count	1
GNPDA1	-0.0771482	0.1518272	-0.5081	0.611	-0.102852732	count	1
MTBP	-0.3353095	0.6905861	-0.4855	0.627	-0.102728394	count	1
RAP2B	-0.0738283	0.0930034	-0.7938	0.427	-0.102705111	count	1
RNF40	-0.1020942	0.2640667	-0.3866	0.699	-0.102701166	count	1
CXCL16	-0.1124494	0.4083936	-0.2753	0.783	-0.102643221	count	1
IGSF22	-0.1018856	0.5570805	-0.1829	0.855	-0.102493119	count	1
C19orf57	-0.3344536	1.0993492	-0.3042	0.761	-0.10248658	count	1
PROS1	-0.3344536	1.1316905	-0.2955	0.768	-0.10248658	count	1
RPL4	-0.0714259	0.0302898	-2.3581	0.0184	-0.102464315	count	1
GTF3C2	-0.0932749	0.3084847	-0.3024	0.762	-0.102332196	count	1
PIKFYVE	-0.1259995	0.2489324	-0.5062	0.613	-0.102300967	count	1
CSDE1	-0.072385	0.0658036	-1.1	0.271	-0.10229337	count	1
PIK3R1	-0.072064	0.0551836	-1.3059	0.192	-0.102210063	count	1
AMMECR1L	-0.3333064	0.4300409	-0.7751	0.438	-0.102162375	count	1
TBC1D24	-0.1418457	0.4895343	-0.2898	0.772	-0.10215515	count	1
HERC5	-0.0769836	0.1638936	-0.4697	0.639	-0.102142959	count	1
PSMD6	-0.0733477	0.0921604	-0.7959	0.426	-0.102132552	count	1
CD248	-0.241172	0.9024234	-0.2672	0.789	-0.102132138	count	1
CRBN	-0.0726682	0.0861427	-0.8436	0.399	-0.101946775	count	1
IQGAP1	-0.0720199	0.066683	-1.08	0.28	-0.101929883	count	1
SCO1	-0.0849597	0.1931598	-0.4398	0.66	-0.101856597	count	1
MUTYH	-0.0863364	0.2500055	-0.3453	0.73	-0.101834603	count	1

ID2	-0.0712618	0.0609774	-1.1687	0.243	-0.101822466	count	1
PABPC4	-0.0753662	0.1192018	-0.6323	0.527	-0.101715496	count	1
TDG	-0.0743528	0.12373	-0.6009	0.548	-0.101618157	count	1
GRAMD2B	-0.1079484	0.3333814	-0.3238	0.746	-0.101443289	count	1
ECHS1	-0.0728985	0.1084708	-0.6721	0.502	-0.10141256	count	1
APPBP2	-0.0844637	0.1963495	-0.4302	0.667	-0.101264294	count	1
NEXMIF	-0.6407124	0.935917	-0.6846	0.494	-0.101261725	count	1
RYR1	-0.1108391	0.3298104	-0.3361	0.737	-0.101190003	count	1
DPY19L1	-0.1189538	0.3171154	-0.3751	0.708	-0.101076663	count	1
TIPARP	-0.0715359	0.0772862	-0.9256	0.355	-0.10091741	count	1
NFKBIZ	-0.0756259	0.1099653	-0.6877	0.492	-0.100916515	count	1
UPF3B	-0.0748276	0.1519766	-0.4924	0.622	-0.100856784	count	1
AMDHD2	-0.0891786	0.2389023	-0.3733	0.709	-0.100758185	count	1
C12orf60	-0.1941902	0.6606454	-0.2939	0.769	-0.100728684	count	1
MXD3	-0.1941902	0.685968	-0.2831	0.777	-0.100728684	count	1
NXT1	-0.0708709	0.0665092	-1.0656	0.287	-0.100633031	count	1
CNPY4	-0.0858154	0.2403893	-0.357	0.721	-0.100611059	count	1
EXOSC8	-0.0721931	0.1047437	-0.6892	0.491	-0.100562233	count	1
IRF9	-0.0739248	0.1277247	-0.5788	0.563	-0.100518491	count	1
PON2	-0.0906306	0.3994978	-0.2269	0.821	-0.10049448	count	1
DNAJB9	-0.0724233	0.0775054	-0.9344	0.35	-0.100414328	count	1
SPTLC1	-0.0775764	0.1613031	-0.4809	0.631	-0.100374813	count	1
TRAPPC6B	-0.0828888	0.1757463	-0.4716	0.637	-0.100324834	count	1
TMEM65	-0.0812392	0.1730768	-0.4694	0.639	-0.100304501	count	1
TULP4	-0.0795227	0.1583276	-0.5023	0.616	-0.100299878	count	1
TP53113	-0.0738222	0.1483494	-0.4976	0.619	-0.10027526	count	1
THEMIS	-0.0723603	0.0940941	-0.769	0.442	-0.100256887	count	1
AC108134.3	-0.1677038	0.3373304	-0.4971	0.619	-0.100202504	count	1
BSDC1	-0.0823993	0.1514504	-0.5441	0.586	-0.100170451	count	1
RPS19	-0.069474	0.0204652	-3.3947	0.000695	-0.100162829	count	1
CHMP7	-0.081383	0.1646881	-0.4942	0.621	-0.100120592	count	1
NLGN4Y	-0.6310403	0.7305468	-0.8638	0.388	-0.100001265	count	1
KLRB1	-0.0698709	0.069304	-1.0082	0.3134	-0.099991352	count	1
RNF215	-0.1013753	0.455682	-0.2225	0.824	-0.099967258	count	1
GDI2	-0.0712169	0.0755516	-0.9426	0.346	-0.099877416	count	1
VWA5A	-0.325178	0.4755649	-0.6838	0.494	-0.099859455	count	1
ZFP69B	-0.192446	0.4918322	-0.3913	0.696	-0.09985574	count	1
SLC22A5	-0.3249538	0.6019611	-0.5398	0.589	-0.099795799	count	1
HMOX2	-0.0702792	0.077244	-0.9098	0.363	-0.099793103	count	1
KANSL1-AS1	-0.0728956	0.095723	-0.7615	0.446	-0.099792899	count	1
MRPL33	-0.0715616	0.091678	-0.7806	0.435	-0.09978687	count	1
TSPAN4	-0.1011517	0.3601926	-0.2808	0.779	-0.099748721	count	1
F2R	-0.0732134	0.150997	-0.4849	0.628	-0.099748336	count	1
SSR4	-0.0692819	0.0369016	-1.8775	0.0605	-0.099473364	count	1
INVS	-0.1169973	0.4027047	-0.2905	0.771	-0.099436475	count	1

FAM214A	-0.0808169	0.166851	-0.4844	0.628	-0.099426435	count	1
CCT8	-0.0700948	0.0714029	-0.9817	0.326	-0.099426339	count	1
TBC1D22A	-0.0754253	0.1630811	-0.4625	0.644	-0.09942274	count	1
PPAT	-0.08571	0.2221142	-0.3859	0.7	-0.099161238	count	1
PTER	-0.0985306	0.2976351	-0.331	0.741	-0.099146013	count	1
MID2	-0.1907443	0.5126947	-0.372	0.71	-0.099003488	count	1
AP5S1	-0.1051615	0.4530616	-0.2321	0.816	-0.09885099	count	1
HNRNPUL1	-0.0723341	0.0966268	-0.7486	0.454	-0.098776834	count	1
C9orf16	-0.0687835	0.0519507	-1.324	0.186	-0.098476134	count	1
MYO18A	-0.3197496	0.3996699	-0.8	0.424	-0.098316103	count	1
INPP4B	-0.0711145	0.0870807	-0.8166	0.414	-0.098310296	count	1
PDGFA	-0.0976884	0.3844048	-0.2541	0.799	-0.098305484	count	1
CRTAP	-0.0729281	0.1459349	-0.4997	0.617	-0.098299903	count	1
DDB2	-0.0723828	0.1325586	-0.546	0.585	-0.098162963	count	1
TRAV17	-0.3190674	0.3306923	-0.9648	0.335	-0.098121844	count	1
AC004148.2	-0.1640722	0.4032785	-0.4068	0.684	-0.0980916	count	1
POLD2	-0.0753026	0.1731223	-0.435	0.664	-0.09807092	count	1
RNF181	-0.0695255	0.0923488	-0.7529	0.452	-0.098038769	count	1
ARHGAP11A	-0.1637348	0.515853	-0.3174	0.751	-0.097895344	count	1
SMARCC2	-0.0716863	0.1072171	-0.6686	0.504	-0.097849925	count	1
C1orf43	-0.0697865	0.0879	-0.7939	0.427	-0.097802491	count	1
USP15	-0.0693114	0.0621616	-1.115	0.265	-0.097780576	count	1
DDX11	-0.0952995	0.2570763	-0.3707	0.711	-0.097657155	count	1
LARP7	-0.0692674	0.0952746	-0.727	0.467	-0.097629672	count	1
GRB2	-0.0686831	0.066173	-1.0379	0.299	-0.097494549	count	1
SMIM20	-0.0719178	0.1465301	-0.4908	0.624	-0.09747846	count	1
DTWD1	-0.0762628	0.2087552	-0.3653	0.715	-0.097353062	count	1
ACTR3C	-0.3160235	0.5232831	-0.6039	0.546	-0.097254239	count	1
DBI	-0.0678949	0.0551346	-1.2314	0.218	-0.097097048	count	1
UBL7-AS1	-0.0746552	0.1972426	-0.3785	0.705	-0.09707959	count	1
MAP2K3	-0.0715518	0.1269369	-0.5637	0.573	-0.097037317	count	1
KRR1	-0.0695098	0.0863226	-0.8052	0.421	-0.096991541	count	1
NCF4	-0.0717873	0.1405919	-0.5106	0.61	-0.096764205	count	1
CCDC112	-0.0740678	0.202406	-0.3659	0.714	-0.096751044	count	1
LAMTOR2	-0.0696567	0.1013688	-0.6872	0.492	-0.096750585	count	1
SETD9	-0.1058767	0.285786	-0.3705	0.711	-0.096708505	count	1
TMEM106A	-0.1340628	0.473253	-0.2833	0.777	-0.096655522	count	1
NDUFAF2	-0.0703997	0.1263444	-0.5572	0.577	-0.096635261	count	1
JMY	-0.075365	0.1328322	-0.5674	0.571	-0.096614203	count	1
RAB1A	-0.0713593	0.1163525	-0.6133	0.54	-0.096611046	count	1
RREB1	-0.3136795	0.2929782	-1.0707	0.284	-0.096585201	count	1
ATP6V1E2	-0.0870314	0.3363055	-0.2588	0.796	-0.096525727	count	1
RAB30	-0.0823113	0.2518867	-0.3268	0.744	-0.096520253	count	1
ARID5B	-0.068021	0.0658068	-1.0336	0.301	-0.096473518	count	1
MBIP	-0.0747964	0.1559073	-0.4797	0.631	-0.096442658	count	1

IER5	-0.0698948	0.0997326	-0.7008	0.483	-0.096438793	count	1
CTF1	-0.2266205	1.0200094	-0.2222	0.824	-0.096254365	count	1
LCAT	-0.3122929	0.7824649	-0.3991	0.69	-0.096189027	count	1
ADI1	-0.0693389	0.1066663	-0.6501	0.516	-0.096050908	count	1
STON1	-0.3115919	1.074942	-0.2899	0.772	-0.09598864	count	1
AC025283.2	-0.3111895	0.8350616	-0.3727	0.709	-0.095873586	count	1
S100A13	-0.3111359	0.4860429	-0.6401	0.522	-0.095858285	count	1
ADPRH	-0.3109284	0.7466022	-0.4165	0.677	-0.095798913	count	1
FCGR1A	-0.3109284	0.7751216	-0.4011	0.688	-0.095798913	count	1
NUP85	-0.0970933	0.2893611	-0.3355	0.737	-0.095780632	count	1
POLR3H	-0.0769922	0.2083859	-0.3695	0.712	-0.095718036	count	1
CWC27	-0.0718934	0.1403968	-0.5121	0.609	-0.09568071	count	1
MEF2A	-0.0721405	0.1599573	-0.451	0.652	-0.095628931	count	1
MTCH1	-0.0682488	0.0967162	-0.7057	0.48	-0.095576757	count	1
PHF21A	-0.0810082	0.2055937	-0.394	0.694	-0.09557551	count	1
HCG18	-0.0725172	0.1328431	-0.5459	0.585	-0.095481592	count	1
RNF139-AS1	-0.0967814	0.3179309	-0.3044	0.761	-0.09547555	count	1
MAP3K11	-0.079864	0.1987881	-0.4018	0.688	-0.095282794	count	1
PHF14	-0.0690411	0.1054506	-0.6547	0.513	-0.095206129	count	1
L2HGDH	-0.1430676	0.4945354	-0.2893	0.772	-0.095083326	count	1
NEK9	-0.1117542	0.353523	-0.3161	0.752	-0.095037229	count	1
SLC27A2	-0.1587537	0.4628505	-0.343	0.732	-0.094995279	count	1
SMAP1	-0.0676773	0.0838449	-0.8072	0.42	-0.094980485	count	1
MTMR10	-0.0984086	0.4713011	-0.2088	0.835	-0.094922786	count	1
BRD3	-0.0754265	0.1737898	-0.434	0.664	-0.094893277	count	1
KRIT1	-0.0699002	0.1409393	-0.496	0.62	-0.094852176	count	1
ZBTB25	-0.0739744	0.1491455	-0.496	0.62	-0.094835552	count	1
KLF5	-0.2227431	0.3297709	-0.6754	0.499	-0.0946818	count	1
FBXW2	-0.0717221	0.1499933	-0.4782	0.633	-0.094659923	count	1
RBBP5	-0.0760391	0.1704001	-0.4462	0.655	-0.094536542	count	1
DHRS7B	-0.0861042	0.2984656	-0.2885	0.773	-0.094509951	count	1
TNRC18	-0.1225985	0.3006148	-0.4078	0.683	-0.094424852	count	1
HMGB1	-0.0655763	0.027822	-2.357	0.0185	-0.094361494	count	1
EHMT2	-0.0738725	0.1667795	-0.4429	0.658	-0.09430885	count	1
SFR1	-0.0778954	0.2626317	-0.2966	0.767	-0.094301887	count	1
FAM221A	-0.1002573	0.3201827	-0.3131	0.754	-0.094285664	count	1
EBAG9	-0.0688802	0.1202149	-0.573	0.567	-0.094224845	count	1
C2orf69	-0.0757449	0.2077017	-0.3647	0.715	-0.094171824	count	1
PCMTD2	-0.0744591	0.1919709	-0.3879	0.698	-0.094171079	count	1
RFXANK	-0.0695816	0.1476532	-0.4713	0.637	-0.094094658	count	1
DGKA	-0.0706259	0.1145423	-0.6166	0.538	-0.094084194	count	1
UBE3D	-0.1571644	0.4922574	-0.3193	0.75	-0.094068894	count	1
MTRNR2L12	-0.0659721	0.047111	-1.4004	0.161	-0.09406768	count	1
GRPEL2	-0.122081	0.3238573	-0.377	0.706	-0.094032576	count	1
AP1S1	-0.0703151	0.1614363	-0.4356	0.663	-0.094001905	count	1

ERP44	-0.0676067	0.0935755	-0.7225	0.47	-0.093963144	count	1
MRPS25	-0.0704605	0.1633563	-0.4313	0.666	-0.093776559	count	1
ZNF85	-0.0761806	0.266114	-0.2863	0.775	-0.093740112	count	1
TBC1D9B	-0.0863758	0.2308445	-0.3742	0.708	-0.093738769	count	1
AL136987.1	-0.1800305	0.4786104	-0.3762	0.707	-0.09362471	count	1
TSTD2	-0.0995061	0.2635318	-0.3776	0.706	-0.09358597	count	1
GGPS1	-0.0714362	0.1502404	-0.4755	0.634	-0.093580008	count	1
LCMT2	-0.3030819	0.7127608	-0.4252	0.671	-0.093550358	count	1
AC109347.1	-0.1562422	0.9910553	-0.1577	0.875	-0.093531118	count	1
PRPF38B	-0.0656766	0.0570202	-1.1518	0.2495	-0.093528238	count	1
ODF2	-0.0737604	0.2344044	-0.3147	0.753	-0.093520279	count	1
MAP2K2	-0.0655212	0.061479	-1.0658	0.287	-0.093380168	count	1
UBE2H	-0.067363	0.1065477	-0.6322	0.527	-0.093315824	count	1
MANEA-DT	-0.0859797	0.3189224	-0.2696	0.787	-0.093311423	count	1
INTS1	-0.0992105	0.2980701	-0.3328	0.739	-0.093310611	count	1
CRLS1	-0.0735831	0.1862114	-0.3952	0.693	-0.093296031	count	1
IPMK	-0.0966002	0.2812519	-0.3435	0.731	-0.093193862	count	1
DLK2	-0.5791451	0.4896818	-1.1827	0.237	-0.093100405	count	1
CREBZF	-0.0693579	0.1152276	-0.6019	0.547	-0.093095077	count	1
TUBB4B	-0.065342	0.0567707	-1.151	0.25	-0.093054133	count	1
PASK	-0.0830677	0.1304143	-0.637	0.524	-0.093048511	count	1
AC068491.3	-0.5786955	0.8937434	-0.6475	0.517	-0.093039598	count	1
MAFK	-0.1289191	0.2642138	-0.4879	0.626	-0.093013854	count	1
RRAS	-0.0702276	0.1622833	-0.4327	0.665	-0.092999177	count	1
YBX1	-0.0646426	0.0299596	-2.1577	0.031	-0.092981802	count	1
THAP4	-0.0725203	0.2114636	-0.3429	0.732	-0.092975512	count	1
ZBED6CL	-0.3004197	0.8364673	-0.3592	0.72	-0.092785381	count	1
FBXL15	-0.0675147	0.1188128	-0.5682	0.57	-0.092711735	count	1
ZNF544	-0.0835576	0.2550556	-0.3276	0.743	-0.092693439	count	1
COL4A1	-0.575817	0.7368612	-0.7814	0.435	-0.092649889	count	1
TSSC4	-0.0668756	0.1183358	-0.5651	0.572	-0.092526771	count	1
PRDM10	-0.5745129	0.6829792	-0.8412	0.4	-0.092473079	count	1
ERCC6L2	-0.0798864	0.2100595	-0.3803	0.704	-0.092452992	count	1
MAN2B2	-0.0862133	0.2554133	-0.3375	0.736	-0.092418715	count	1
MBTPS2	-0.1775826	0.6097954	-0.2912	0.771	-0.092392612	count	1
TCEANC	-0.0886415	0.3825135	-0.2317	0.817	-0.092367214	count	1
AC124312.1	-0.5735897	0.5805181	-0.9881	0.323	-0.092347826	count	1
FIGNL1	-0.0840815	0.2515566	-0.3342	0.738	-0.092302063	count	1
CLK3	-0.0681701	0.128806	-0.5292	0.597	-0.092298249	count	1
SLC48A1	-0.1278906	0.434027	-0.2947	0.768	-0.092285019	count	1
HEATR5B	-0.0839823	0.2533476	-0.3315	0.74	-0.092193765	count	1
TOR1AIP1	-0.0674573	0.1153259	-0.5849	0.559	-0.092123823	count	1
RLIM	-0.0745784	0.1742317	-0.428	0.669	-0.092104805	count	1
AL606760.3	-0.1769682	0.6766596	-0.2615	0.794	-0.092083182	count	1
ZNF326	-0.0681534	0.1303718	-0.5228	0.601	-0.092051392	count	1

RBM34	-0.0756928	0.1931678	-0.3918	0.695	-0.092044211	count	1
UBQLN1	-0.067863	0.1257242	-0.5398	0.589	-0.09193628	count	1
LINC00957	-0.1130025	0.4044287	-0.2794	0.78	-0.091893648	count	1
CHMP4B	-0.0682444	0.133283	-0.512	0.609	-0.091671044	count	1
OXCT1	-0.070229	0.1500003	-0.4682	0.64	-0.091612562	count	1
ASCC2	-0.0712883	0.1678344	-0.4248	0.671	-0.091581467	count	1
PPID	-0.0678375	0.1441194	-0.4707	0.638	-0.091507294	count	1
TRAT1	-0.0647502	0.0651539	-0.9938	0.32	-0.09150222	count	1
CEP128	-0.0948163	0.3260762	-0.2908	0.771	-0.091487774	count	1
EGLN1	-0.0697013	0.1784772	-0.3905	0.696	-0.09143315	count	1
PIGP	-0.0687478	0.1396917	-0.4921	0.623	-0.091413025	count	1
BRD4	-0.0656079	0.0874313	-0.7504	0.453	-0.09141119	count	1
HAUS5	-0.0971465	0.3059544	-0.3175	0.751	-0.091387468	count	1
TOMM5	-0.0686465	0.1373058	-0.5	0.617	-0.091365799	count	1
LTB	-0.0634904	0.0557929	-1.138	0.255	-0.091301783	count	1
ZNF675	-0.0689935	0.1520016	-0.4539	0.65	-0.091268887	count	1
ISG20L2	-0.0671403	0.1127359	-0.5956	0.552	-0.091208754	count	1
PSMA6	-0.0749553	0.169162	-0.4431	0.658	-0.091150286	count	1
DDX39B	-0.0668769	0.1010898	-0.6616	0.508	-0.091124068	count	1
GMEB1	-0.0692606	0.1683184	-0.4115	0.681	-0.091088833	count	1
ATG9B	-0.1180575	0.5921302	-0.1994	0.842	-0.090980898	count	1
FOXJ3	-0.0684465	0.1247455	-0.5487	0.583	-0.090923959	count	1
PSMD10	-0.073869	0.2098316	-0.352	0.725	-0.090904154	count	1
OSBP	-0.0685629	0.1446928	-0.4739	0.636	-0.090893707	count	1
RILPL1	-0.2132054	0.4556455	-0.4679	0.64	-0.090802174	count	1
IBA57	-0.213137	0.3629833	-0.5872	0.557	-0.090774283	count	1
WSB2	-0.0689512	0.1848757	-0.373	0.709	-0.0906826	count	1
CCDC18	-0.0963813	0.2419308	-0.3984	0.69	-0.090674288	count	1
SPEN	-0.0722117	0.1360308	-0.5308	0.596	-0.090607165	count	1
MYB	-0.2926774	0.4490446	-0.6518	0.515	-0.090554871	count	1
FAS	-0.0664514	0.114567	-0.58	0.562	-0.090544882	count	1
FAM76B	-0.0682754	0.1309046	-0.5216	0.602	-0.090513146	count	1
UBE2N	-0.0636589	0.0659521	-0.9652	0.334	-0.090401757	count	1
ZCWPW1	-0.1358533	0.361926	-0.3754	0.707	-0.090386937	count	1
TMEM248	-0.064851	0.0972881	-0.6666	0.505	-0.090373109	count	1
ZNF714	-0.0842632	0.3083166	-0.2733	0.785	-0.090340685	count	1
BLOC1S2	-0.0643577	0.0898283	-0.7165	0.474	-0.090219932	count	1
SERPINF1	-0.5579859	0.5607438	-0.9951	0.32	-0.090219621	count	1
CAPRIN2	-0.0698893	0.2070373	-0.3376	0.736	-0.089960798	count	1
NAA25	-0.0788313	0.2390065	-0.3298	0.742	-0.089870055	count	1
SCLT1	-0.0709897	0.1655821	-0.4287	0.668	-0.089793715	count	1
KMT5A	-0.0681035	0.1491397	-0.4566	0.648	-0.089786949	count	1
DDA1	-0.0670964	0.1412436	-0.475	0.635	-0.089779493	count	1
HPS1	-0.0658884	0.1367374	-0.4819	0.63	-0.089778519	count	1
CHAF1B	-0.5546129	0.5051154	-1.098	0.272	-0.089756791	count	1

TADA2A	-0.0709517	0.2445856	-0.2901	0.772	-0.089745764	count	1
GNA12	-0.0908864	0.3581925	-0.2537	0.8	-0.089706146	count	1
AC011603.2	-0.5539626	0.6686567	-0.8285	0.407	-0.08966744	count	1
9-Sep	-0.0637074	0.074741	-0.8524	0.394	-0.089611623	count	1
PPP3R1	-0.0690512	0.1532953	-0.4504	0.652	-0.089516754	count	1
GBP3	-0.067495	0.203181	-0.3322	0.74	-0.089480109	count	1
CRYZ	-0.0717284	0.2397654	-0.2992	0.765	-0.089472551	count	1
SEC63	-0.0679025	0.1325564	-0.5123	0.609	-0.089415382	count	1
JHY	-0.0734084	0.2433096	-0.3017	0.763	-0.089275094	count	1
SUPT7L	-0.0704016	0.1851998	-0.3801	0.704	-0.089271613	count	1
RBM17	-0.0635048	0.0796276	-0.7975	0.425	-0.089231251	count	1
ACAD8	-0.0811418	0.3172335	-0.2558	0.798	-0.089092126	count	1
ARL4C	-0.0619429	0.0367386	-1.686	0.0919	-0.089026732	count	1
DEPDC5	-0.1336759	0.3858875	-0.3464	0.729	-0.088967361	count	1
RBMX	-0.0636488	0.0713838	-0.8916	0.373	-0.088874222	count	1
PRKD3	-0.0692795	0.1711888	-0.4047	0.686	-0.088829363	count	1
EIF1B	-0.0623071	0.0661491	-0.9419	0.346	-0.08866172	count	1
TICAM1	-0.0732022	0.2959685	-0.2473	0.805	-0.088638508	count	1
P4HTM	-0.0660496	0.1620038	-0.4077	0.684	-0.088523257	count	1
TMX2	-0.0666874	0.142234	-0.4689	0.639	-0.088501834	count	1
VPS33A	-0.0694464	0.2052149	-0.3384	0.735	-0.088475029	count	1
MRPL57	-0.0623757	0.0747241	-0.8347	0.404	-0.08843085	count	1
AFF4	-0.0664994	0.1162981	-0.5718	0.567	-0.088341159	count	1
NHSL2	-0.0813237	0.2966537	-0.2741	0.784	-0.088286332	count	1
DCAF7	-0.0658699	0.1428389	-0.4611	0.645	-0.088212347	count	1
BAG4	-0.0663654	0.153953	-0.4311	0.666	-0.088163402	count	1
ADPRM	-0.077293	0.2078228	-0.3719	0.71	-0.08812413	count	1
STAP2	-0.2065693	0.7390721	-0.2795	0.78	-0.088093307	count	1
ZNF383	-0.0785945	0.2430641	-0.3233	0.746	-0.088061979	count	1
ABCD3	-0.0821061	0.2371294	-0.3463	0.729	-0.08804138	count	1
EIF2B2	-0.0676487	0.19691	-0.3436	0.731	-0.087985148	count	1
ATP6V1E1	-0.0634089	0.1132473	-0.5599	0.576	-0.087964119	count	1
TMEM87B	-0.0726166	0.198373	-0.3661	0.714	-0.087931682	count	1
JPT2	-0.0872251	0.3464649	-0.2518	0.801	-0.0878526	count	1
NAT14	-0.1319576	0.5505708	-0.2397	0.811	-0.087846407	count	1
P4HA1	-0.0677756	0.1755278	-0.3861	0.699	-0.087717975	count	1
ABRAXAS1	-0.0701795	0.1656029	-0.4238	0.672	-0.087545497	count	1
CETN3	-0.0805332	0.2614616	-0.308	0.758	-0.087432837	count	1
CDC26	-0.0622436	0.0823268	-0.7561	0.45	-0.0872577	count	1
PPP4R2	-0.0627584	0.0854446	-0.7345	0.463	-0.087193319	count	1
ZNF496	-0.5359914	0.5787383	-0.9261	0.354	-0.087183662	count	1
AC097376.2	-0.071592	0.1759652	-0.4069	0.684	-0.087072875	count	1
PRKAG1	-0.0653367	0.168661	-0.3874	0.698	-0.087047819	count	1
RNF113A	-0.062547	0.0980048	-0.6382	0.523	-0.08703747	count	1
C14orf28	-0.16695	0.4075504	-0.4096	0.682	-0.087027357	count	1

MYO9B	-0.0658765	0.1424171	-0.4626	0.644	-0.086956627	count	1
TCERG1	-0.0638593	0.1166801	-0.5473	0.584	-0.086932463	count	1
VTA1	-0.0663256	0.1466873	-0.4522	0.651	-0.086777381	count	1
EPC2	-0.0690572	0.1427825	-0.4837	0.629	-0.086658795	count	1
RNF5	-0.0623672	0.1040702	-0.5993	0.549	-0.086519961	count	1
MRPL24	-0.0647469	0.1558085	-0.4156	0.678	-0.086493939	count	1
YRDC	-0.0646572	0.1305001	-0.4955	0.62	-0.086447834	count	1
TMEM181	-0.101524	0.2045496	-0.4963	0.62	-0.086437598	count	1
PITPNM2	-0.1297652	0.7163182	-0.1812	0.856	-0.086415276	count	1
LMAN2L	-0.2779079	0.5702968	-0.4873	0.626	-0.086275599	count	1
ZNF19	-0.1295351	0.9452751	-0.137	0.891	-0.086265019	count	1
TECPR1	-0.0762346	0.2388354	-0.3192	0.75	-0.0861998	count	1
LAMTOR5	-0.0609836	0.0753789	-0.809	0.419	-0.086175857	count	1
SLC26A11	-0.1192787	0.316037	-0.3774	0.706	-0.086173701	count	1
TMEM126A	-0.0631567	0.130183	-0.4851	0.628	-0.086018754	count	1
CLUAP1	-0.0747992	0.2185114	-0.3423	0.732	-0.085960345	count	1
ABCB7	-0.0716282	0.1990693	-0.3598	0.719	-0.085926732	count	1
DDX27	-0.0627972	0.1118418	-0.5615	0.575	-0.085765518	count	1
SSNA1	-0.060351	0.0745348	-0.8097	0.418	-0.085741697	count	1
PARP10	-0.0654945	0.1802298	-0.3634	0.716	-0.085691813	count	1
BIRC2	-0.062634	0.1125999	-0.5563	0.578	-0.085616471	count	1
ITGB1	-0.0598988	0.0569763	-1.0513	0.2932	-0.085601459	count	1
GOLGA3	-0.0684488	0.1978595	-0.3459	0.729	-0.085391986	count	1
NINJ2	-0.0626747	0.1698474	-0.369	0.712	-0.085321403	count	1
SLC25A16	-0.0964092	0.2980502	-0.3235	0.746	-0.085305424	count	1
TNS1	-0.5217482	0.9784174	-0.5333	0.594	-0.085195017	count	1
GOSR1	-0.061769	0.1121198	-0.5509	0.582	-0.085108431	count	1
BAG5	-0.0621825	0.1139612	-0.5456	0.585	-0.085070752	count	1
PADI4	-0.5208085	0.8387893	-0.6209	0.535	-0.085063195	count	1
PITRM1-AS1	-0.5208085	0.9494692	-0.5485	0.583	-0.085063195	count	1
MED6	-0.0623757	0.1259983	-0.4951	0.621	-0.08499668	count	1
RALY	-0.0601134	0.0776524	-0.7741	0.439	-0.084993144	count	1
FAM172A	-0.0637605	0.1388743	-0.4591	0.646	-0.084950642	count	1
SP3	-0.0617985	0.1114245	-0.5546	0.579	-0.084927759	count	1
SERF2	-0.058882	0.0254257	-2.3158	0.0206	-0.084781165	count	1
ZNF24	-0.0607345	0.0923303	-0.6578	0.511	-0.084669039	count	1
JOSD2	-0.0618303	0.1195263	-0.5173	0.605	-0.084657736	count	1
PPP2R5D	-0.0899297	0.3132838	-0.2871	0.774	-0.084656915	count	1
AP003392.4	-0.1039624	0.4518843	-0.2301	0.818	-0.084634415	count	1
HIST1H4E	-0.141007	0.3328754	-0.4236	0.672	-0.084621684	count	1
MTA2	-0.0695228	0.212337	-0.3274	0.743	-0.084563725	count	1
PIK3CA	-0.0673536	0.1940617	-0.3471	0.729	-0.084526082	count	1
LEMD2	-0.0666787	0.204985	-0.3253	0.745	-0.084353017	count	1
C18orf54	-0.2712097	0.7650372	-0.3545	0.723	-0.084324419	count	1
RPL28	-0.0584476	0.0123686	-4.7255	2.39E-06	-0.084295346	count	0.05754881

BTN2A2	-0.1034942	0.2708785	-0.3821	0.702	-0.084257999	count	1
KIF22	-0.0632024	0.1414174	-0.4469	0.655	-0.084049323	count	1
RNASET2	-0.0592608	0.0602678	-0.9833	0.326	-0.084000986	count	1
GRAP	-0.0833119	0.2382386	-0.3497	0.727	-0.083938411	count	1
EXOC4	-0.064021	0.1595176	-0.4013	0.688	-0.083881836	count	1
BLMH	-0.0702177	0.2075755	-0.3383	0.735	-0.083812369	count	1
LINC00623	-0.0598939	0.0884818	-0.6769	0.499	-0.083721855	count	1
ZNF681	-0.1603498	0.3924442	-0.4086	0.683	-0.083685821	count	1
RPS17	-0.0627915	0.1105678	-0.5679	0.57	-0.083583343	count	1
TMEM43	-0.0628947	0.1545878	-0.4069	0.684	-0.083558983	count	1
RXRB	-0.0789476	0.2325736	-0.3395	0.734	-0.083545239	count	1
ZNF208	-0.0980006	0.445433	-0.22	0.826	-0.083470941	count	1
VPS45	-0.0744662	0.2696721	-0.2761	0.782	-0.083457402	count	1
TRAF3	-0.0663089	0.160514	-0.4131	0.68	-0.083449081	count	1
CCDC14	-0.0641167	0.1543293	-0.4155	0.678	-0.083399258	count	1
SEC61A1	-0.064855	0.2034095	-0.3188	0.75	-0.083332841	count	1
PDK3	-0.0730577	0.2136341	-0.342	0.732	-0.083315537	count	1
AC114811.2	-0.1387772	0.8926159	-0.1555	0.876	-0.083313758	count	1
ZDHHC17	-0.0671462	0.215998	-0.3109	0.756	-0.083234977	count	1
TCP11L1	-0.0785981	0.3359742	-0.2339	0.815	-0.083177503	count	1
TSG101	-0.0601061	0.1094913	-0.549	0.583	-0.083080402	count	1
DNASE1	-0.1591492	0.3858132	-0.4125	0.68	-0.083077079	count	1
FAM19A2	-0.1941696	0.4158907	-0.4669	0.641	-0.083010868	count	1
ZNF365	-0.0747691	0.2717777	-0.2751	0.783	-0.082990123	count	1
AL162231.1	-0.1147349	0.5269144	-0.2177	0.828	-0.082943041	count	1
SLF1	-0.0591246	0.0943877	-0.6264	0.531	-0.082897129	count	1
RXYLT1	-0.0656461	0.2237096	-0.2934	0.769	-0.08283716	count	1
FANCM	-0.0770698	0.3148205	-0.2448	0.807	-0.082670233	count	1
DELE1	-0.068187	0.2103404	-0.3242	0.746	-0.082583879	count	1
FAM234A	-0.137446	0.3425464	-0.4012	0.688	-0.082532423	count	1
GATAD2B	-0.0640756	0.1717872	-0.373	0.709	-0.082491534	count	1
MMS22L	-0.0768436	0.3938936	-0.1951	0.845	-0.0824289	count	1
TMEM39B	-0.0742325	0.2547325	-0.2914	0.771	-0.082397302	count	1
DNAJA4	-0.1925406	0.3960869	-0.4861	0.627	-0.082341154	count	1
STOML1	-0.0832973	0.3901184	-0.2135	0.831	-0.082269627	count	1
CCM2	-0.0587799	0.0885812	-0.6636	0.507	-0.082246416	count	1
LTB4R2	-0.2640672	0.729583	-0.3619	0.717	-0.082236666	count	1
EXO5	-0.1009609	0.4940731	-0.2043	0.838	-0.08222053	count	1
TMEM123	-0.0577684	0.0634453	-0.9105	0.363	-0.08211953	count	1
SGPL1	-0.0719429	0.2548319	-0.2823	0.778	-0.082049433	count	1
POLR2J3	-0.0608496	0.1137067	-0.5351	0.593	-0.08203701	count	1
TANGO2	-0.0774658	0.309962	-0.2499	0.803	-0.081985984	count	1
AC147067.1	-0.0690355	0.2610587	-0.2644	0.791	-0.081963778	count	1
RAPGEF2	-0.0785452	0.3074556	-0.2555	0.798	-0.081909413	count	1
ZNF620	-0.1567494	0.5026682	-0.3118	0.755	-0.081859472	count	1

NDUFA8	-0.0593343	0.1295361	-0.4581	0.647	-0.081854254	count	1
ARF3	-0.0629997	0.1767391	-0.3565	0.722	-0.081685335	count	1
MUL1	-0.0810453	0.3113364	-0.2603	0.795	-0.081670029	count	1
DDX42	-0.0607531	0.1244429	-0.4882	0.625	-0.081619622	count	1
PPP1R7	-0.0578998	0.0871287	-0.6645	0.506	-0.081613303	count	1
YIPF6	-0.0622493	0.1695736	-0.3671	0.714	-0.081564116	count	1
LRPAP1	-0.0576432	0.0812474	-0.7095	0.478	-0.081482132	count	1
TCTN2	-0.4953697	0.8776496	-0.5644	0.573	-0.081464933	count	1
MOGS	-0.0645039	0.1634829	-0.3946	0.693	-0.081399013	count	1
AC138696.2	-0.2611684	0.9629934	-0.2712	0.786	-0.081387234	count	1
BRWD1-AS2	-0.2611684	0.963444	-0.2711	0.786	-0.081387234	count	1
ANKRD50	-0.2611684	1.087233	-0.2402	0.81	-0.081387234	count	1
PIGL	-0.0792486	0.2547798	-0.311	0.756	-0.081312797	count	1
FADS3	-0.0671133	0.2531333	-0.2651	0.791	-0.081287289	count	1
CCNQ	-0.0592702	0.1233341	-0.4806	0.631	-0.081280731	count	1
RPL7	-0.0564438	0.0237656	-2.375	0.0176	-0.081228304	count	1
TARBP1	-0.0687653	0.2621034	-0.2624	0.793	-0.081180458	count	1
RBM26	-0.0621	0.1176409	-0.5279	0.598	-0.081025584	count	1
EVC2	-0.4913335	0.4724217	-1.04	0.298	-0.080888781	count	1
TADA1	-0.121021	0.3429862	-0.3528	0.724	-0.080697468	count	1
DHRS4L2	-0.0594285	0.1435688	-0.4139	0.679	-0.080656089	count	1
ENTR1	-0.0633765	0.15621	-0.4057	0.685	-0.080573084	count	1
NUCKS1	-0.0564513	0.0532376	-1.0604	0.2891	-0.08049788	count	1
PDLIM2	-0.0570826	0.082588	-0.6912	0.49	-0.080461819	count	1
DENND4C	-0.0637385	0.1837898	-0.3468	0.729	-0.080435231	count	1
MRPL49	-0.0609442	0.1583877	-0.3848	0.7	-0.080265795	count	1
C5orf63	-0.0852135	0.318443	-0.2676	0.789	-0.080253236	count	1
HGSNAT	-0.0715868	0.2322719	-0.3082	0.758	-0.080244383	count	1
JAK2	-0.0671926	0.2667845	-0.2519	0.801	-0.080212983	count	1
SLC35G2	-0.2570562	0.4860853	-0.5288	0.597	-0.080180181	count	1
GPALPP1	-0.0646745	0.2015154	-0.3209	0.748	-0.080178618	count	1
KIAA1551	-0.0560977	0.0513551	-1.0923	0.275	-0.08013624	count	1
GIMAP6	-0.0634337	0.177736	-0.3569	0.721	-0.080051416	count	1
SH2D2A	-0.0571823	0.09292	-0.6154	0.538	-0.08004434	count	1
VAPB	-0.0663863	0.203099	-0.3269	0.744	-0.080042411	count	1
STX17	-0.0594789	0.1428865	-0.4163	0.677	-0.079909679	count	1
TMBIM4	-0.0559928	0.0592999	-0.9442	0.345	-0.079890789	count	1
TMED2	-0.0575067	0.0863874	-0.6657	0.506	-0.079850825	count	1
ZNF677	-0.0726474	0.3238008	-0.2244	0.822	-0.079809634	count	1
UBE2E3	-0.0575456	0.1022946	-0.5625	0.574	-0.079743514	count	1
SFT2D2	-0.0664092	0.1828255	-0.3632	0.716	-0.079684968	count	1
RPL27	-0.0553976	0.0239856	-2.3096	0.021	-0.07963022	count	1
TBC1D22B	-0.1324685	0.4299973	-0.3081	0.758	-0.07960785	count	1
GNL2	-0.0599652	0.1651012	-0.3632	0.716	-0.079510817	count	1
CDCA4	-0.0608561	0.1594962	-0.3816	0.703	-0.079405154	count	1

MLLT6	-0.0594062	0.1102525	-0.5388	0.59	-0.079367934	count	1
CACNB1	-0.4806902	0.4549543	-1.0566	0.291	-0.079362602	count	1
SCAMP1	-0.0641352	0.1536628	-0.4174	0.676	-0.079239813	count	1
STAT3	-0.0561627	0.0627537	-0.895	0.371	-0.079140377	count	1
AGAP6	-0.1513294	0.4537847	-0.3335	0.739	-0.079105384	count	1
NUP54	-0.0611831	0.1369491	-0.4468	0.655	-0.079062618	count	1
LRRC23	-0.0799398	0.2528095	-0.3162	0.752	-0.078976384	count	1
C1D	-0.0567668	0.1048575	-0.5414	0.588	-0.078921662	count	1
LATS2	-0.1180143	0.4239362	-0.2784	0.781	-0.078727765	count	1
CACNA1C-AS2	-0.2520521	0.5293395	-0.4762	0.634	-0.078708012	count	1
TXNDC9	-0.0570026	0.1215211	-0.4691	0.639	-0.078685038	count	1
COLQ	-0.1018856	0.7134094	-0.1428	0.886	-0.078681387	count	1
POLDIP2	-0.0634553	0.188127	-0.3373	0.736	-0.078670807	count	1
R3HDM1	-0.0596932	0.1453549	-0.4107	0.681	-0.078425403	count	1
BTA1F1	-0.0628442	0.1945541	-0.323	0.747	-0.078416221	count	1
TUBGCP3	-0.0720794	0.2554431	-0.2822	0.778	-0.078299414	count	1
DCBLD2	-0.2504216	0.7830966	-0.3198	0.749	-0.078227524	count	1
FIS1	-0.0549629	0.0650517	-0.8449	0.398	-0.078219616	count	1
RPS6KA3	-0.058324	0.1146464	-0.5087	0.611	-0.078118425	count	1
MRPL11	-0.0561874	0.1058207	-0.531	0.595	-0.07811658	count	1
SIPA1	-0.0571462	0.1191817	-0.4795	0.632	-0.078019682	count	1
YIPF3	-0.0566693	0.1229844	-0.4608	0.645	-0.077988049	count	1
ZNF566	-0.0716903	0.2611601	-0.2745	0.784	-0.077878773	count	1
INPP4A	-0.0620432	0.1437324	-0.4317	0.666	-0.077876349	count	1
ASCC3	-0.0567358	0.1108919	-0.5116	0.609	-0.07777846	count	1
NTPCR	-0.0584815	0.1711435	-0.3417	0.733	-0.077625511	count	1
NRGN	-0.468519	0.6522275	-0.7183	0.473	-0.077605054	count	1
CFL1	-0.0538858	0.02577	-2.091	0.0366	-0.077585909	count	1
DDX5	-0.0540167	0.0269062	-2.0076	0.0448	-0.077541535	count	1
PPIG	-0.0544424	0.060424	-0.901	0.368	-0.077367397	count	1
SCFD1	-0.0593857	0.1416721	-0.4192	0.675	-0.077255198	count	1
SLC25A25-AS1	-0.4659854	0.4811734	-0.9684	0.333	-0.077237552	count	1
CHKA	-0.1801279	0.4228639	-0.426	0.67	-0.077222748	count	1
PCBP4	-0.0637151	0.1971364	-0.3232	0.747	-0.077182827	count	1
PDZD8	-0.0626706	0.1682741	-0.3724	0.71	-0.07715779	count	1
GALNT10	-0.0652893	0.2053888	-0.3179	0.751	-0.077090108	count	1
IL12RB2	-0.4645311	0.6323838	-0.7346	0.463	-0.077026351	count	1
TMEM59	-0.0538413	0.0469945	-1.1457	0.252	-0.077025382	count	1
MAP3K3	-0.0620853	0.1992051	-0.3117	0.755	-0.076976323	count	1
STRAP	-0.054919	0.0849134	-0.6468	0.518	-0.076897766	count	1
MTMR4	-0.0725334	0.2756952	-0.2631	0.792	-0.076793242	count	1
ARAP2	-0.0548097	0.0758726	-0.7224	0.47	-0.076754749	count	1
AMPD2	-0.0671548	0.2994067	-0.2243	0.823	-0.076609577	count	1
TNFRSF13B	-0.4612428	0.7563305	-0.6098	0.542	-0.076548104	count	1
MYO7A	-0.4612428	0.7760968	-0.5943	0.552	-0.076548104	count	1

COX15	-0.0676518	0.2629409	-0.2573	0.797	-0.076533716	count	1
CLSTN1	-0.0596702	0.156383	-0.3816	0.703	-0.07653064	count	1
PHETA1	-0.1784122	0.8195545	-0.2177	0.828	-0.076513149	count	1
LRP8	-0.4607229	0.497069	-0.9269	0.354	-0.0764724	count	1
ZBTB41	-0.0647435	0.2314006	-0.2798	0.78	-0.07644771	count	1
PIAS2	-0.0639277	0.215533	-0.2966	0.767	-0.076327083	count	1
HRAS	-0.055825	0.1339798	-0.4167	0.677	-0.076316417	count	1
DDX51	-0.073082	0.3491416	-0.2093	0.834	-0.076243644	count	1
KMT2C	-0.0571426	0.1210184	-0.4722	0.637	-0.07621308	count	1
IFRD2	-0.0596626	0.1768292	-0.3374	0.736	-0.076201744	count	1
ATP5MG	-0.0530254	0.0325352	-1.6298	0.103	-0.076162434	count	1
ZP3	-0.145345	0.3758876	-0.3867	0.699	-0.076057953	count	1
ZMAT2	-0.0550329	0.1000944	-0.5498	0.582	-0.075809852	count	1
RASA4	-0.0766293	0.3085947	-0.2483	0.804	-0.0757273	count	1
CLCN6	-0.1445362	0.5748414	-0.2514	0.801	-0.075645561	count	1
SUCLA2	-0.0582349	0.1599048	-0.3642	0.716	-0.075517168	count	1
INSR	-0.241172	0.956865	-0.252	0.801	-0.075494666	count	1
ENPP2	-0.241172	0.9703299	-0.2485	0.804	-0.075494666	count	1
EFHB	-0.241172	0.9836104	-0.2452	0.806	-0.075494666	count	1
ASB16	-0.241172	1.238934	-0.1947	0.846	-0.075494666	count	1
HLA-DOB	-0.241172	1.280139	-0.1884	0.851	-0.075494666	count	1
PAK4	-0.113021	0.4097667	-0.2758	0.783	-0.07545254	count	1
SFRP4	-0.4536533	0.6594873	-0.6879	0.492	-0.075440647	count	1
HARS2	-0.0763041	0.3203315	-0.2382	0.812	-0.075408029	count	1
EVI2B	-0.0529551	0.057054	-0.9282	0.3534	-0.075398372	count	1
MCM5	-0.0655263	0.226715	-0.289	0.773	-0.075342412	count	1
SDCBP2-AS1	-0.0974759	0.3732633	-0.2611	0.794	-0.075318309	count	1
RTRAF	-0.0529653	0.0586756	-0.9027	0.367	-0.075314342	count	1
HLA-G	-0.4526559	0.547247	-0.8272	0.408	-0.075294724	count	1
YIPF5	-0.054255	0.1159946	-0.4677	0.64	-0.075289209	count	1
YWHAZ	-0.0524255	0.0353824	-1.4817	0.139	-0.07526994	count	1
FAM50B	-0.0599093	0.2851791	-0.2101	0.834	-0.075203532	count	1
HADHA	-0.0529235	0.0693642	-0.763	0.446	-0.075105911	count	1
TBC1D10A	-0.0572282	0.1404108	-0.4076	0.684	-0.075094177	count	1
IPPK	-0.1247298	0.406797	-0.3066	0.759	-0.075050983	count	1
SNX3	-0.0526665	0.0641953	-0.8204	0.412	-0.075007981	count	1
TRMT112	-0.0524808	0.0479479	-1.0945	0.2738	-0.074963726	count	1
BAX	-0.0524172	0.0668849	-0.7837	0.433	-0.074962501	count	1
SYNJ2	-0.0774402	0.2458552	-0.315	0.753	-0.074839323	count	1
SLC50A1	-0.0563119	0.1442415	-0.3904	0.696	-0.074749193	count	1
MLLT1	-0.0741184	0.4241264	-0.1748	0.861	-0.074732223	count	1
MRPL37	-0.0554196	0.155615	-0.3561	0.722	-0.074673154	count	1
SMG1	-0.0579576	0.1204106	-0.4813	0.63	-0.074628469	count	1
NDUFS2	-0.0552642	0.1260115	-0.4386	0.661	-0.074563451	count	1
POGLUT1	-0.0605302	0.2087955	-0.2899	0.772	-0.074528938	count	1

SUPT4H1	-0.0527591	0.0825891	-0.6388	0.523	-0.074499317	count	1
LYRM7	-0.0592663	0.2416925	-0.2452	0.806	-0.07439806	count	1
PPP1CA	-0.0520549	0.0594015	-0.8763	0.381	-0.074363957	count	1
SMNDC1	-0.0537098	0.0899818	-0.5969	0.551	-0.074340636	count	1
PROCA1	-0.0811654	0.4636136	-0.1751	0.861	-0.074321563	count	1
RFLNB	-0.0535569	0.0945822	-0.5662	0.571	-0.074219351	count	1
VAMP8	-0.0518102	0.0538311	-0.9625	0.336	-0.074122319	count	1
UBL5	-0.0516769	0.0472638	-1.0934	0.274	-0.073948599	count	1
MAGI3	-0.141181	0.3857345	-0.366	0.714	-0.073933469	count	1
TPGS2	-0.0551852	0.1392251	-0.3964	0.692	-0.073918845	count	1
NOP16	-0.0586936	0.166692	-0.3521	0.725	-0.07388476	count	1
CLN5	-0.0633452	0.209743	-0.302	0.763	-0.07387713	count	1
SMURF1	-0.122737	0.3508228	-0.3499	0.726	-0.073875582	count	1
CHMP4A	-0.052621	0.0802849	-0.6554	0.512	-0.073799603	count	1
CSPP1	-0.0593113	0.168253	-0.3525	0.724	-0.073785848	count	1
SLMAP	-0.0594663	0.191373	-0.3107	0.756	-0.073736506	count	1
PRDM8	-0.0686808	0.2484859	-0.2764	0.782	-0.07371473	count	1
LPAR2	-0.0566949	0.1367839	-0.4145	0.679	-0.073643334	count	1
B3GALNT2	-0.0627346	0.2461459	-0.2549	0.799	-0.07363756	count	1
ALDH9A1	-0.0542057	0.1095483	-0.4948	0.621	-0.073573883	count	1
SEMA4F	-0.4398077	0.7918777	-0.5554	0.579	-0.073407149	count	1
OSBPL11	-0.0757655	0.2812718	-0.2694	0.788	-0.073231874	count	1
SGSH	-0.0652934	0.2952879	-0.2211	0.825	-0.073217744	count	1
SLC45A4	-0.2333767	0.4338984	-0.5379	0.591	-0.073181936	count	1
HACL1	-0.0548975	0.1605824	-0.3419	0.732	-0.073155535	count	1
NLRC3	-0.0619352	0.2125222	-0.2914	0.771	-0.073141823	count	1
CSRNP2	-0.0775826	0.3830135	-0.2026	0.839	-0.073119298	count	1
STUB1	-0.051699	0.070922	-0.729	0.466	-0.073090815	count	1
AL135905.1	-0.4375821	1.005326	-0.4353	0.663	-0.073078694	count	1
CXCR4	-0.050807	0.0279831	-1.8156	0.0695	-0.073032164	count	1
FECH	-0.0724081	0.3656367	-0.198	0.843	-0.073017968	count	1
FOXD2	-0.1393418	0.4903185	-0.2842	0.776	-0.072994052	count	1
MTMR3	-0.109071	0.2818424	-0.387	0.699	-0.072858044	count	1
NDRG2	-0.0942081	0.3573084	-0.2637	0.792	-0.072823559	count	1
ZNF337	-0.0853758	0.2874265	-0.297	0.766	-0.072820826	count	1
LMF1	-0.0662337	0.3061671	-0.2163	0.829	-0.072793823	count	1
AL591895.1	-0.0794702	0.4013717	-0.198	0.843	-0.072781566	count	1
UBAP2	-0.0643157	0.1792271	-0.3589	0.72	-0.072773818	count	1
RPL39L	-0.0550791	0.1907716	-0.2887	0.773	-0.072722194	count	1
TCF12	-0.060569	0.1770465	-0.3421	0.732	-0.072696605	count	1
ZFP62	-0.0594424	0.2392182	-0.2485	0.804	-0.072632654	count	1
LIG3	-0.0675907	0.3233658	-0.209	0.834	-0.072550217	count	1
PEG10	-0.2311292	0.7854501	-0.2943	0.769	-0.072513494	count	1
FAM161B	-0.1382937	0.4302213	-0.3214	0.748	-0.072458416	count	1
SRBD1	-0.0590662	0.1910874	-0.3091	0.757	-0.072458403	count	1

ZNF284	-0.0816497	0.4846871	-0.1685	0.866	-0.072358594	count	1
DDX24	-0.0504564	0.0379477	-1.3296	0.184	-0.072319133	count	1
EIF2AK3	-0.0766385	0.3112333	-0.2462	0.806	-0.072235938	count	1
POLE4	-0.0514744	0.0927652	-0.5549	0.579	-0.072233401	count	1
ELOC	-0.0510352	0.0671344	-0.7602	0.447	-0.072126247	count	1
RPP25	-0.0932796	0.5352187	-0.1743	0.862	-0.072114311	count	1
RGS5	-0.0932796	0.6059409	-0.1539	0.878	-0.072114311	count	1
RAB3A	-0.0642222	0.26305	-0.2441	0.807	-0.072021188	count	1
RER1	-0.0507506	0.0793769	-0.6394	0.523	-0.071921036	count	1
METTL14	-0.0561627	0.1806263	-0.3109	0.756	-0.071891987	count	1
AL583810.1	-0.1668967	0.8847559	-0.1886	0.85	-0.071737163	count	1
AC090527.3	-0.1668967	0.8847559	-0.1886	0.85	-0.071737163	count	1
AL354732.1	-0.1668967	1.0840987	-0.1539	0.878	-0.071737163	count	1
MND1	-0.1668967	1.0840987	-0.1539	0.878	-0.071737163	count	1
FOXM1	-0.1668967	1.0840987	-0.1539	0.878	-0.071737163	count	1
HSDL2	-0.0606413	0.200914	-0.3018	0.763	-0.071618348	count	1
CASTOR3	-0.0724083	0.4481761	-0.1616	0.872	-0.07158183	count	1
PHF20	-0.050952	0.0719503	-0.7082	0.479	-0.07150857	count	1
AC027307.2	-0.1662935	0.7767594	-0.2141	0.83	-0.071486357	count	1
SHISA2	-0.4260123	1.0712871	-0.3977	0.691	-0.071364118	count	1
IL26	-0.4260123	1.0867484	-0.392	0.695	-0.071364118	count	1
SPESP1	-0.4260123	1.0867484	-0.392	0.695	-0.071364118	count	1
SRP14	-0.0496154	0.0303387	-1.6354	0.102	-0.071344642	count	1
EIF4ENIF1	-0.0577269	0.247358	-0.2334	0.815	-0.071340031	count	1
C8orf44	-0.0874011	0.4861266	-0.1798	0.857	-0.071292783	count	1
MOAP1	-0.054438	0.1535308	-0.3546	0.723	-0.071145442	count	1
KHDRBS1	-0.0500754	0.0590652	-0.8478	0.397	-0.071143544	count	1
PRDX3	-0.051269	0.1046046	-0.4901	0.624	-0.07113199	count	1
DOCK7	-0.0801774	0.3255459	-0.2463	0.805	-0.071064805	count	1
PRDX2	-0.0496121	0.0543541	-0.9128	0.361	-0.070949768	count	1
IFT81	-0.1352192	0.720572	-0.1877	0.851	-0.070885978	count	1
MEGF8	-0.1352192	0.8106589	-0.1668	0.868	-0.070885978	count	1
AL359397.2	-0.1350923	0.7415461	-0.1822	0.855	-0.070821038	count	1
UBE2R2	-0.0507594	0.0937123	-0.5417	0.588	-0.070816688	count	1
AC090948.3	-0.4220147	0.5606051	-0.7528	0.452	-0.070768933	count	1
DUS2	-0.0650906	0.4144688	-0.157	0.875	-0.070740616	count	1
HADHB	-0.0508475	0.108138	-0.4702	0.638	-0.070696286	count	1
EPAS1	-0.1173005	0.4059605	-0.2889	0.773	-0.070665029	count	1
OGFR	-0.0518615	0.1190499	-0.4356	0.663	-0.070646874	count	1
WASHC2A	-0.0599952	0.205644	-0.2917	0.771	-0.070431781	count	1
TRAV38-2DV8	-0.4179993	0.6192137	-0.675	0.5	-0.070169671	count	1
AKR1B1	-0.0508008	0.1085639	-0.4679	0.64	-0.070168586	count	1
SERINC5	-0.0529925	0.1455929	-0.364	0.716	-0.070126995	count	1
DENND4A	-0.0561528	0.1386948	-0.4049	0.686	-0.070083887	count	1
CAMK2D	-0.0548466	0.1615267	-0.3396	0.734	-0.070061137	count	1

RBM39	-0.0490006	0.039894	-1.2283	0.219	-0.069948027	count	1
LCK	-0.0487467	0.0457664	-1.0651	0.287	-0.069871427	count	1
COA4	-0.0502042	0.1102253	-0.4555	0.649	-0.069774187	count	1
IRS2	-0.0786545	0.1856684	-0.4236	0.672	-0.069726118	count	1
YWHAE	-0.0496253	0.0817085	-0.6073	0.544	-0.069692592	count	1
CSNK2A1	-0.053885	0.1374058	-0.3922	0.695	-0.069646104	count	1
NAA16	-0.0545861	0.1580427	-0.3454	0.73	-0.069575651	count	1
SLC41A3	-0.0529684	0.1776045	-0.2982	0.766	-0.069511737	count	1
UBIAD1	-0.0588474	0.2203185	-0.2671	0.789	-0.069505826	count	1
CTPS1	-0.0898598	0.3086173	-0.2912	0.771	-0.069500564	count	1
BX255925.3	-0.115294	0.688434	-0.1675	0.867	-0.069478585	count	1
PLCL2	-0.0547508	0.1528819	-0.3581	0.72	-0.069461489	count	1
TMEM177	-0.1036443	0.4101585	-0.2527	0.801	-0.06928841	count	1
FNTB	-0.0955369	0.5181815	-0.1844	0.854	-0.069246359	count	1
ZNF720	-0.0525227	0.160217	-0.3278	0.743	-0.069188058	count	1
TBC1D20	-0.0533084	0.1694638	-0.3146	0.753	-0.069021711	count	1
GLB1L	-0.1145121	0.6737449	-0.17	0.865	-0.06901603	count	1
DCTPP1	-0.0512573	0.1355293	-0.3782	0.705	-0.068974127	count	1
MEX3D	-0.0807776	0.3867029	-0.2089	0.835	-0.068934056	count	1
SPIRE1	-0.4094764	0.4866801	-0.8414	0.4	-0.068892962	count	1
ALKBH6	-0.0553554	0.2451381	-0.2258	0.821	-0.068874651	count	1
HIRIP3	-0.0542771	0.1611963	-0.3367	0.736	-0.068861573	count	1
FAM200B	-0.0495556	0.1176478	-0.4212	0.674	-0.068830439	count	1
DYRK3	-0.1597137	0.3630995	-0.4399	0.66	-0.068746379	count	1
PCBP1	-0.0480501	0.0474549	-1.0125	0.311	-0.068741388	count	1
PDPK1	-0.0535371	0.1694887	-0.3159	0.752	-0.068677174	count	1
PJA1	-0.058125	0.2203787	-0.2638	0.792	-0.06865501	count	1
ARRDC3-AS1	-0.2181695	0.7806106	-0.2795	0.78	-0.068645068	count	1
WDR70	-0.0574691	0.1736665	-0.3309	0.741	-0.068636413	count	1
CYFIP2	-0.0513854	0.1111502	-0.4623	0.644	-0.068603399	count	1
WNT10A	-0.0571062	0.2482851	-0.23	0.818	-0.068551216	count	1
ACTR2	-0.0480766	0.0538429	-0.8929	0.372	-0.068480321	count	1
TIMM8B	-0.0501588	0.1370807	-0.3659	0.714	-0.06845639	count	1
PEX26	-0.0801867	0.2874396	-0.279	0.78	-0.068434281	count	1
PFDN4	-0.0508489	0.1343457	-0.3785	0.705	-0.068326237	count	1
HINFP	-0.0628044	0.2185311	-0.2874	0.774	-0.06826637	count	1
PCF11	-0.049177	0.0898976	-0.547	0.584	-0.068246067	count	1
NUDT16L1	-0.0491361	0.1023795	-0.4799	0.631	-0.06821902	count	1
SNHG19	-0.1127702	0.3509236	-0.3214	0.748	-0.067985126	count	1
POMT1	-0.0830249	0.3967859	-0.2092	0.834	-0.067758186	count	1
RPL3	-0.0469402	0.0177402	-2.646	0.00818	-0.067639706	count	1
AL139246.5	-0.0524433	0.1893706	-0.2769	0.782	-0.067538823	count	1
GFER	-0.0496906	0.1306591	-0.3803	0.704	-0.067486615	count	1
TRIM56	-0.0581687	0.1947407	-0.2987	0.765	-0.067397466	count	1
TXNIP	-0.0468587	0.0329458	-1.4223	0.155	-0.067379082	count	1

SLC12A9-AS1	-0.3989188	0.8583407	-0.4648	0.642	-0.067302503	count	1
ST20	-0.0788322	0.3267487	-0.2413	0.809	-0.067288403	count	1
CEP72	-0.1560659	0.6199946	-0.2517	0.801	-0.067224123	count	1
TSPAN5	-0.0500889	0.1375346	-0.3642	0.716	-0.067204641	count	1
TOM1L2	-0.0867467	0.3293569	-0.2634	0.792	-0.067119174	count	1
PRPF40A	-0.0473747	0.0730417	-0.6486	0.517	-0.067078956	count	1
CFP	-0.2122534	0.3592398	-0.5908	0.555	-0.066871132	count	1
CRYL1	-0.0501447	0.1415398	-0.3543	0.723	-0.06682855	count	1
ITGA2	-0.1550913	0.6615601	-0.2344	0.815	-0.066817026	count	1
AP3M2	-0.04997	0.1066308	-0.4686	0.639	-0.066773524	count	1
ARHGAP4	-0.0502905	0.1255356	-0.4006	0.689	-0.066764949	count	1
SELENOH	-0.0468935	0.0636014	-0.7373	0.461	-0.066671783	count	1
C6orf203	-0.0543193	0.2307346	-0.2354	0.814	-0.066647985	count	1
ANKRD12	-0.0465186	0.0435408	-1.0684	0.285	-0.066598943	count	1
GNA13	-0.0495129	0.1313618	-0.3769	0.706	-0.066532677	count	1
CHST10	-0.1543419	0.5695813	-0.271	0.786	-0.066503882	count	1
SREK1	-0.0494109	0.1254124	-0.394	0.694	-0.066491746	count	1
USP24	-0.0513424	0.1866677	-0.275	0.783	-0.06647981	count	1
TOX4	-0.0472646	0.0787135	-0.6005	0.548	-0.066412829	count	1
GRK2	-0.0477739	0.1020365	-0.4682	0.64	-0.066356922	count	1
USP5	-0.0747583	0.303698	-0.2462	0.806	-0.066299186	count	1
C12orf49	-0.0503354	0.1648215	-0.3054	0.76	-0.066229086	count	1
TRPS1	-0.0541862	0.1763107	-0.3073	0.759	-0.066224453	count	1
APTX	-0.0584327	0.2170495	-0.2692	0.788	-0.066139787	count	1
REST	-0.0467912	0.06967	-0.6716	0.502	-0.066125781	count	1
C1orf52	-0.0473286	0.0927882	-0.5101	0.61	-0.066010386	count	1
VPS4A	-0.0487843	0.1428852	-0.3414	0.733	-0.06599387	count	1
GRINA	-0.0599819	0.2312814	-0.2593	0.795	-0.065949317	count	1
KIF2A	-0.0462436	0.0636379	-0.7267	0.467	-0.065944102	count	1
RFWD3	-0.0680995	0.3919103	-0.1738	0.862	-0.065867335	count	1
PARK7	-0.0459241	0.048604	-0.9449	0.345	-0.065820208	count	1
TTBK2	-0.0621069	0.2940669	-0.2112	0.833	-0.065803767	count	1
SUCO	-0.0493555	0.1328225	-0.3716	0.71	-0.065777835	count	1
EIF3D	-0.046797	0.0702305	-0.6663	0.505	-0.065775842	count	1
GRHPR	-0.0479057	0.1056001	-0.4537	0.65	-0.065578573	count	1
GLRX2	-0.0496065	0.1816561	-0.2731	0.785	-0.065428849	count	1
RASAL3	-0.0467155	0.0851962	-0.5483	0.584	-0.065415448	count	1
AGGF1	-0.0713391	0.3274018	-0.2179	0.828	-0.065387427	count	1
ADGRE5	-0.0464311	0.0736125	-0.6307	0.528	-0.065336182	count	1
IFI27L1	-0.0616021	0.278462	-0.2212	0.825	-0.065271277	count	1
PES1	-0.0659807	0.3173432	-0.2079	0.835	-0.065263289	count	1
CTBP1	-0.0479361	0.130439	-0.3675	0.713	-0.065173743	count	1
ENOPH1	-0.0474824	0.1256235	-0.378	0.705	-0.065149791	count	1
RPL9	-0.045203	0.0200455	-2.255	0.0242	-0.065121512	count	1
ZNF484	-0.0762214	0.3050502	-0.2499	0.803	-0.065078719	count	1

OGFOD3	-0.0511009	0.1938442	-0.2636	0.792	-0.06499216	count	1
SLC25A22	-0.055266	0.2444636	-0.2261	0.821	-0.064895295	count	1
RWDD2A	-0.2056227	0.4431847	-0.464	0.643	-0.064876974	count	1
EIF3J-DT	-0.0555412	0.2126791	-0.2612	0.794	-0.064801729	count	1
C1orf112	-0.3819763	0.5686975	-0.6717	0.502	-0.06472947	count	1
IL2RB	-0.0473257	0.129163	-0.3664	0.714	-0.064503203	count	1
VCPIP1	-0.0500732	0.1447288	-0.346	0.729	-0.064490908	count	1
GLMN	-0.0518193	0.1768884	-0.2929	0.77	-0.064483373	count	1
EPB41	-0.0460323	0.0855507	-0.5381	0.591	-0.064425004	count	1
MKRN1	-0.0482241	0.1147287	-0.4203	0.674	-0.0643869	count	1
TXNDC16	-0.0606793	0.2623053	-0.2313	0.817	-0.064297757	count	1
CUX1	-0.0518233	0.1994651	-0.2598	0.795	-0.064277982	count	1
LINC00467	-0.0583203	0.4021027	-0.145	0.885	-0.064129233	count	1
AC011447.3	-0.1484128	0.5774563	-0.257	0.797	-0.064022945	count	1
MRPL34	-0.0451771	0.0753062	-0.5999	0.549	-0.063868723	count	1
DHRXS	-0.0501862	0.2227581	-0.2253	0.822	-0.063830663	count	1
MAP7	-0.201854	0.8609595	-0.2345	0.815	-0.063740742	count	1
TMCO4	-0.051927	0.2080457	-0.2496	0.803	-0.063718834	count	1
SLC35B1	-0.0477083	0.1453625	-0.3282	0.743	-0.063403551	count	1
SSBP1	-0.0443722	0.0610436	-0.7269	0.467	-0.063263109	count	1
NEMP2	-0.2001345	0.3597735	-0.5563	0.578	-0.063221684	count	1
GSK3B	-0.0478059	0.1469273	-0.3254	0.745	-0.06320103	count	1
RNF31	-0.1463302	0.6453358	-0.2268	0.821	-0.06315008	count	1
ANKRD13D	-0.0455292	0.0926364	-0.4915	0.623	-0.063143747	count	1
NBAS	-0.0480928	0.1878748	-0.256	0.798	-0.063120831	count	1
SEC22B	-0.0469306	0.1268796	-0.3699	0.711	-0.06311174	count	1
NUP107	-0.048208	0.1782546	-0.2704	0.787	-0.063013328	count	1
CARD8	-0.0460254	0.112415	-0.4094	0.682	-0.062954745	count	1
TRIM62	-0.062362	0.4370062	-0.1427	0.887	-0.06293864	count	1
PRMT6	-0.1456482	0.4655693	-0.3128	0.754	-0.062864074	count	1
MAD2L2	-0.0454134	0.1222541	-0.3715	0.71	-0.06279872	count	1
DDX23	-0.0494311	0.1493395	-0.331	0.741	-0.062723274	count	1
DNAJC15	-0.0443414	0.0829961	-0.5343	0.593	-0.062559117	count	1
SEC61B	-0.0436685	0.0485497	-0.8995	0.368	-0.062530477	count	1
PHKB	-0.04785	0.1656068	-0.2889	0.773	-0.062362816	count	1
KIN	-0.0449024	0.1236276	-0.3632	0.716	-0.062343747	count	1
NUBPL	-0.0729355	0.3299558	-0.221	0.825	-0.062295773	count	1
ATP5F1E	-0.0432526	0.0268455	-1.6112	0.107	-0.062261428	count	1
MLXIP	-0.0579218	0.23354	-0.248	0.804	-0.062213355	count	1
ADA2	-0.0548828	0.2100685	-0.2613	0.794	-0.062134437	count	1
MFSD14B	-0.0528988	0.2541275	-0.2082	0.835	-0.062122992	count	1
VAPA	-0.0437328	0.0563444	-0.7762	0.438	-0.06211	count	1
EIF3M	-0.0436948	0.0599019	-0.7294	0.466	-0.062090594	count	1
MIR155HG	-0.0477552	0.1998681	-0.2389	0.811	-0.062046035	count	1
GAB2	-0.3643197	0.7647943	-0.4764	0.634	-0.062020815	count	1

APOA1	-0.3643197	0.7770295	-0.4689	0.639	-0.062020815	count	1
ZNF644	-0.0444978	0.0930827	-0.478	0.633	-0.06201066	count	1
PPAN	-0.0460085	0.1515346	-0.3036	0.761	-0.062002851	count	1
TEX9	-0.1433874	0.7306164	-0.1963	0.844	-0.061915408	count	1
ARSA	-0.0506484	0.1848131	-0.2741	0.784	-0.061909663	count	1
LRCH3	-0.0556582	0.2097173	-0.2654	0.791	-0.061851536	count	1
DNHD1	-0.1427669	0.7701796	-0.1854	0.853	-0.061654882	count	1
NIPSNAP1	-0.049859	0.1540461	-0.3237	0.746	-0.061635405	count	1
TRIM38	-0.0450824	0.1082762	-0.4164	0.677	-0.061613714	count	1
CLK1	-0.043928	0.0725824	-0.6052	0.545	-0.061575301	count	1
SPCS1	-0.0429698	0.0460702	-0.9327	0.351	-0.061539938	count	1
AC093157.2	-0.1942473	0.7604612	-0.2554	0.798	-0.06144126	count	1
PRSS16	-0.1941902	0.8174911	-0.2375	0.812	-0.061423968	count	1
LDB2	-0.1941902	0.8977014	-0.2163	0.829	-0.061423968	count	1
SMIM29	-0.0442434	0.1257173	-0.3519	0.725	-0.06130418	count	1
ZNF668	-0.0496196	0.2400939	-0.2067	0.836	-0.061121326	count	1
SRGAP2B	-0.0909721	0.3725317	-0.2442	0.807	-0.0609296	count	1
RALGPS1	-0.0712727	0.4126477	-0.1727	0.863	-0.060886693	count	1
MYD88	-0.046148	0.1668735	-0.2765	0.782	-0.060872072	count	1
BTBD6	-0.0447456	0.1216198	-0.3679	0.713	-0.060869946	count	1
BBS12	-0.1407876	0.4306661	-0.3269	0.744	-0.060823407	count	1
ZSCAN32	-0.0541734	0.2986008	-0.1814	0.856	-0.06078868	count	1
COQ2	-0.0601654	0.2916976	-0.2063	0.837	-0.06073251	count	1
SUSD6	-0.0460524	0.1784227	-0.2581	0.796	-0.060523826	count	1
MRE11	-0.0475712	0.1853679	-0.2566	0.797	-0.060509723	count	1
ZNF559	-0.0586897	0.3338899	-0.1758	0.86	-0.060315115	count	1
GRPEL1	-0.0429376	0.0819481	-0.524	0.6	-0.060290573	count	1
EIF3I	-0.0425597	0.0682174	-0.6239	0.533	-0.060277944	count	1
PGAP2	-0.0494678	0.2240048	-0.2208	0.825	-0.060220966	count	1
CCDC125	-0.0567215	0.2935015	-0.1933	0.847	-0.060120922	count	1
SAMD8	-0.0535528	0.2275984	-0.2353	0.814	-0.060094519	count	1
NSRP1	-0.0429555	0.0989671	-0.434	0.664	-0.060070465	count	1
SNF8	-0.0428802	0.096671	-0.4436	0.657	-0.060054477	count	1
PPP2R3B	-0.0574058	0.2726761	-0.2105	0.833	-0.059959424	count	1
UNC119	-0.0447865	0.1402019	-0.3194	0.749	-0.059903809	count	1
CNBP	-0.0418161	0.0407567	-1.026	0.305	-0.059892889	count	1
MGST2	-0.0482643	0.3132929	-0.1541	0.878	-0.059871655	count	1
KMT5C	-0.0573137	0.2521288	-0.2273	0.82	-0.059863636	count	1
QRSL1	-0.0519062	0.2210825	-0.2348	0.814	-0.059726388	count	1
GIT2	-0.0474105	0.1442056	-0.3288	0.742	-0.059704401	count	1
GOLT1B	-0.0446129	0.1546975	-0.2884	0.773	-0.059569659	count	1
APAF1	-0.0487271	0.223699	-0.2178	0.828	-0.059565858	count	1
SLC35B3	-0.0579467	0.2378888	-0.2436	0.808	-0.059554955	count	1
N4BP2L2	-0.0417333	0.0499714	-0.8351	0.404	-0.059498784	count	1
SAP18	-0.0415007	0.0472394	-0.8785	0.38	-0.059492892	count	1

WARS	-0.0516245	0.2622784	-0.1968	0.844	-0.059403153	count	1
ERGIC2	-0.0425353	0.0966957	-0.4399	0.66	-0.059366426	count	1
HGS	-0.0469209	0.2159699	-0.2173	0.828	-0.059245703	count	1
CHST15	-0.3456162	1.201812	-0.2876	0.774	-0.059121292	count	1
ATP10A	-0.0665418	0.3001128	-0.2217	0.825	-0.059062843	count	1
USP12	-0.0446153	0.135333	-0.3297	0.742	-0.058920618	count	1
AC132872.1	-0.1118434	0.6145664	-0.182	0.856	-0.058871931	count	1
SUPT6H	-0.0461863	0.1450151	-0.3185	0.75	-0.058750729	count	1
PSMA1	-0.0414444	0.0675686	-0.6134	0.54	-0.058746189	count	1
CCNH	-0.0417072	0.0662812	-0.6292	0.529	-0.058732128	count	1
TRBC2	-0.0407508	0.0364432	-1.1182	0.264	-0.058679455	count	1
MTHFS	-0.0441259	0.1707999	-0.2583	0.796	-0.058467643	count	1
WASHC2C	-0.0503668	0.2122846	-0.2373	0.812	-0.058381809	count	1
C19orf53	-0.0407664	0.0438678	-0.9293	0.353	-0.05836492	count	1
FANCL	-0.0577377	0.4905737	-0.1177	0.906	-0.058293337	count	1
GTF2E2	-0.0430724	0.1422897	-0.3027	0.762	-0.058272539	count	1
DEF6	-0.0412171	0.0773278	-0.533	0.594	-0.058271545	count	1
BRF2	-0.0541114	0.3227303	-0.1677	0.867	-0.058135814	count	1
TTC14	-0.0420447	0.1151236	-0.3652	0.715	-0.058111682	count	1
GTF2H5	-0.0422915	0.1112397	-0.3802	0.704	-0.05807344	count	1
FKBP15	-0.0653303	0.2397328	-0.2725	0.785	-0.057994784	count	1
PLCL1	-0.0614253	0.2654129	-0.2314	0.817	-0.057979116	count	1
SBNO2	-0.0631398	0.2003112	-0.3152	0.753	-0.057918816	count	1
THOC7	-0.0410655	0.0861834	-0.4765	0.634	-0.057908226	count	1
TRPV2	-0.0450799	0.1940675	-0.2323	0.816	-0.057842832	count	1
TOR2A	-0.0441443	0.2014909	-0.2191	0.827	-0.057788478	count	1
RTN4	-0.0409458	0.0747827	-0.5475	0.584	-0.057603686	count	1
ITGBL1	-0.3353095	0.8060836	-0.416	0.677	-0.057510188	count	1
RGL1	-0.3353095	0.9344718	-0.3588	0.72	-0.057510188	count	1
NAPEPLD	-0.0499545	0.3528111	-0.1416	0.887	-0.057486723	count	1
AC016394.1	-0.0741189	0.5795864	-0.1279	0.898	-0.057439527	count	1
PCNT	-0.0462896	0.1923658	-0.2406	0.81	-0.057426296	count	1
RELL2	-0.0483016	0.2740644	-0.1762	0.86	-0.05740372	count	1
NDUFB11	-0.0400846	0.0468564	-0.8555	0.392	-0.057397558	count	1
LRRC45	-0.0527677	0.2870614	-0.1838	0.854	-0.057394934	count	1
SNAPC3	-0.0502527	0.2618661	-0.1919	0.848	-0.057382375	count	1
ZNF234	-0.0568243	0.4507221	-0.1261	0.9	-0.057375366	count	1
CHMP5	-0.0408821	0.0873242	-0.4682	0.64	-0.057347762	count	1
ATP2C1	-0.0464443	0.2396798	-0.1938	0.846	-0.057217098	count	1
RPS9	-0.039669	0.0190521	-2.0821	0.0374	-0.057139209	count	1
HIGD1A	-0.0413173	0.1203832	-0.3432	0.731	-0.057106778	count	1
INAFM2	-0.331015	0.4154762	-0.7967	0.426	-0.056836103	count	1
EXOG	-0.0428327	0.177421	-0.2414	0.809	-0.05681512	count	1
SLC25A26	-0.0444723	0.1416241	-0.314	0.754	-0.056702452	count	1
AC010226.1	-0.3296064	0.7436355	-0.4432	0.658	-0.056614633	count	1

AC068338.3	-0.3296064	0.782491	-0.4212	0.674	-0.056614633	count	1
FKBP1A	-0.0400076	0.0767779	-0.5211	0.602	-0.056585235	count	1
CAST	-0.0394374	0.0488587	-0.8072	0.42	-0.056536936	count	1
VRK1	-0.042186	0.1399014	-0.3015	0.763	-0.056380634	count	1
ZEB1-AS1	-0.1301723	0.5122716	-0.2541	0.799	-0.056352616	count	1
GPATCH2	-0.0432941	0.1411685	-0.3067	0.759	-0.056345436	count	1
AC012645.3	-0.0506464	0.2296858	-0.2205	0.825	-0.056299409	count	1
GLCCI1	-0.0426328	0.1294705	-0.3293	0.742	-0.056239827	count	1
PSMD3	-0.0419484	0.1298927	-0.3229	0.747	-0.05611083	count	1
C1orf122	-0.0413954	0.1188774	-0.3482	0.728	-0.05610408	count	1
TOM1	-0.0458832	0.2001357	-0.2293	0.819	-0.056095874	count	1
PIPOX	-0.1295351	1.0604773	-0.1221	0.903	-0.056083635	count	1
AATK	-0.1295351	1.0602493	-0.1222	0.903	-0.056083635	count	1
EBI3	-0.1295351	1.0602493	-0.1222	0.903	-0.056083635	count	1
HIST1H4F	-0.1295351	1.1413925	-0.1135	0.91	-0.056083635	count	1
SPTY2D1OS	-0.1295351	1.2596605	-0.1028	0.918	-0.056083635	count	1
FANCG	-0.0578796	0.3922372	-0.1476	0.883	-0.056033146	count	1
WTAP	-0.0396057	0.0674729	-0.587	0.557	-0.056007159	count	1
CDS2	-0.0421268	0.133947	-0.3145	0.753	-0.055992407	count	1
HEXIM2	-0.0684563	0.5437843	-0.1259	0.9	-0.055964043	count	1
STAU1	-0.0398992	0.0807138	-0.4943	0.621	-0.055949796	count	1
CCNK	-0.0409551	0.1022716	-0.4005	0.689	-0.055851671	count	1
WDR53	-0.0460638	0.246	-0.1873	0.851	-0.055842912	count	1
EMP3	-0.0388056	0.0373428	-1.0392	0.299	-0.055840804	count	1
SP140L	-0.0404227	0.0965706	-0.4186	0.676	-0.055824939	count	1
QSOX1	-0.0462168	0.2692725	-0.1716	0.864	-0.055773536	count	1
KPNA3	-0.0413024	0.1286277	-0.3211	0.748	-0.055739439	count	1
TRIM11	-0.0436499	0.1665803	-0.262	0.793	-0.055655306	count	1
LINC00402	-0.0920018	0.3143413	-0.2927	0.77	-0.055647654	count	1
PRADC1	-0.0431869	0.2074686	-0.2082	0.835	-0.055632799	count	1
CD63	-0.0389067	0.0610938	-0.6368	0.524	-0.055595765	count	1
AZIN1	-0.0406089	0.1120341	-0.3625	0.717	-0.055595454	count	1
AP006284.1	-0.0764977	0.5912216	-0.1294	0.897	-0.055589089	count	1
ADAM10	-0.0414346	0.1278746	-0.324	0.746	-0.055514967	count	1
RPL37A	-0.038518	0.0221587	-1.7383	0.0823	-0.055397629	count	1
ZSCAN20	-0.0825977	0.8569439	-0.0964	0.923	-0.055388024	count	1
AGA	-0.0408139	0.1347397	-0.3029	0.762	-0.055316479	count	1
MOSPD2	-0.0458363	0.2030771	-0.2257	0.821	-0.055315275	count	1
SLC25A53	-0.057117	0.2987739	-0.1912	0.848	-0.055298591	count	1
SLC38A10	-0.0448789	0.1831273	-0.2451	0.806	-0.055291977	count	1
MANBAL	-0.0528851	0.3693311	-0.1432	0.886	-0.055256092	count	1
XIAP	-0.0409397	0.1330214	-0.3078	0.758	-0.055213929	count	1
AC010642.2	-0.0487094	0.1958515	-0.2487	0.804	-0.055164965	count	1
PARP14	-0.0398663	0.1047122	-0.3807	0.703	-0.055116896	count	1
FAM111A	-0.0400731	0.1061727	-0.3774	0.706	-0.055105141	count	1

CCR7	-0.0387786	0.0760267	-0.5101	0.61	-0.055054801	count	1
TOMM7	-0.0382554	0.0288753	-1.3248	0.185	-0.054919152	count	1
ACP1	-0.0391429	0.0872175	-0.4488	0.654	-0.054896022	count	1
AL133467.1	-0.0907313	1.0801357	-0.084	0.933	-0.054890165	count	1
SS18L1	-0.075397	0.4597656	-0.164	0.87	-0.054797306	count	1
MDH2	-0.03845	0.062152	-0.6186	0.536	-0.054744378	count	1
SPOUT1	-0.0468509	0.2335063	-0.2006	0.841	-0.054686795	count	1
ATP7A	-0.0443391	0.2607532	-0.17	0.865	-0.054628077	count	1
CAPN10	-0.0522065	0.2153469	-0.2424	0.808	-0.054549799	count	1
ARPC5	-0.038024	0.0464067	-0.8194	0.413	-0.054518041	count	1
CCNI	-0.0379712	0.0356523	-1.065	0.287	-0.05447798	count	1
AC008686.1	-0.3160235	0.8035765	-0.3933	0.694	-0.054470073	count	1
POLR3D	-0.0426122	0.1724257	-0.2471	0.805	-0.054453311	count	1
MAP3K2	-0.0404254	0.1111454	-0.3637	0.716	-0.054446877	count	1
RANGRF	-0.0397638	0.1223735	-0.3249	0.745	-0.054417056	count	1
CTBS	-0.0400296	0.1407558	-0.2844	0.776	-0.05434473	count	1
KIF21A	-0.0403455	0.1223963	-0.3296	0.742	-0.054301368	count	1
AC099518.5	-0.0809093	0.8364814	-0.0967	0.923	-0.054269069	count	1
USP27X	-0.0896694	0.4226285	-0.2122	0.832	-0.054256802	count	1
SACS	-0.0573752	0.2159286	-0.2657	0.79	-0.054176579	count	1
AC004865.2	-0.0411467	0.1943835	-0.2117	0.832	-0.054150695	count	1
EIF3G	-0.0378008	0.0445938	-0.8477	0.397	-0.054093809	count	1
C12orf57	-0.0376576	0.0382612	-0.9842	0.325	-0.054062722	count	1
ZBP1	-0.0408153	0.1669887	-0.2444	0.807	-0.053967638	count	1
OXA1L	-0.0398677	0.1278101	-0.3119	0.755	-0.053939776	count	1
AC243960.1	-0.0380929	0.093613	-0.4069	0.684	-0.05385876	count	1
RNF24	-0.0447765	0.2158189	-0.2075	0.836	-0.053780238	count	1
RBM15B	-0.0439849	0.1863259	-0.2361	0.813	-0.053779204	count	1
FAM241A	-0.0424686	0.190927	-0.2224	0.824	-0.053768637	count	1
GPHN	-0.0656581	0.3729073	-0.1761	0.86	-0.053693969	count	1
RPN1	-0.0390166	0.1140913	-0.342	0.732	-0.053437981	count	1
PPIC	-0.1679662	0.8255543	-0.2035	0.839	-0.053433413	count	1
MS4A1	-0.0418433	0.1795234	-0.2331	0.816	-0.053354806	count	1
NT5C3B	-0.0437313	0.1789827	-0.2443	0.807	-0.053250215	count	1
TCF7	-0.0385528	0.0869198	-0.4435	0.657	-0.053228723	count	1
FGFR1OP	-0.0517112	0.281465	-0.1837	0.854	-0.053171912	count	1
ARPC3	-0.0369555	0.0318149	-1.1616	0.245	-0.053164446	count	1
SMCR5	-0.3076281	0.6606776	-0.4656	0.642	-0.053136343	count	1
SUPV3L1	-0.0426765	0.150137	-0.2843	0.776	-0.053124002	count	1
B4GALT3	-0.0391679	0.1316015	-0.2976	0.766	-0.053087007	count	1
RTN3	-0.0386588	0.1236606	-0.3126	0.755	-0.05304919	count	1
CBX1	-0.0387731	0.1293887	-0.2997	0.764	-0.05304018	count	1
MCTS1	-0.0390673	0.1173748	-0.3328	0.739	-0.053039099	count	1
RACGAP1	-0.0790002	0.512056	-0.1543	0.877	-0.053003168	count	1
PTEN	-0.038226	0.1014895	-0.3766	0.706	-0.052969759	count	1

PBRM1	-0.0385621	0.1051637	-0.3667	0.714	-0.052954871	count	1
THEMIS2	-0.0434847	0.2604735	-0.1669	0.867	-0.05295048	count	1
HDLBP	-0.0405592	0.143138	-0.2834	0.777	-0.052789842	count	1
PTGR2	-0.165851	0.5591523	-0.2966	0.767	-0.052784684	count	1
TENT4B	-0.0512024	0.1846051	-0.2774	0.782	-0.052650796	count	1
PLEKHM1	-0.0448128	0.2400688	-0.1867	0.852	-0.052648147	count	1
AC009318.3	-0.0997665	0.8329721	-0.1198	0.905	-0.05262472	count	1
NCOA4	-0.0421256	0.150496	-0.2799	0.78	-0.052603254	count	1
MCF2L-AS1	-0.0997163	0.4955932	-0.2012	0.841	-0.052598694	count	1
AC005332.7	-0.0591266	0.4164566	-0.142	0.887	-0.052521268	count	1
PTP4A1	-0.0384657	0.1017743	-0.378	0.705	-0.052332043	count	1
SFMBT2	-0.0426268	0.2095526	-0.2034	0.839	-0.052326115	count	1
AJM1	-0.0553263	0.4496088	-0.1231	0.902	-0.052251799	count	1
WDR83OS	-0.0365658	0.0571632	-0.6397	0.522	-0.052236628	count	1
SEC23A	-0.0422279	0.1623035	-0.2602	0.795	-0.0522171	count	1
HMGCR	-0.0449887	0.1951887	-0.2305	0.818	-0.052162589	count	1
BORCS7	-0.0388306	0.1374683	-0.2825	0.778	-0.052149823	count	1
AC104506.1	-0.1202049	0.3906602	-0.3077	0.758	-0.052137187	count	1
CLYBL	-0.0715151	0.273353	-0.2616	0.794	-0.052002968	count	1
ATF6	-0.0390422	0.167424	-0.2332	0.816	-0.051946334	count	1
AC008083.2	-0.0564899	0.388103	-0.1456	0.884	-0.051852429	count	1
CALR	-0.0361161	0.0496179	-0.7279	0.4667	-0.051588336	count	1
NPEPL1	-0.0431219	0.2237824	-0.1927	0.847	-0.051535312	count	1
DDHD2	-0.0428726	0.2260952	-0.1896	0.85	-0.05149787	count	1
GIGYF2	-0.0406566	0.1549857	-0.2623	0.793	-0.051477538	count	1
RPUSD2	-0.0428439	0.2323818	-0.1844	0.854	-0.051463462	count	1
TBK1	-0.0391493	0.1584844	-0.247	0.805	-0.051325747	count	1
NCAPD3	-0.04337	0.2045819	-0.212	0.832	-0.051263628	count	1
HIST3H2A	-0.0407071	0.1927739	-0.2112	0.833	-0.051133323	count	1
UBE4A	-0.0399493	0.1546626	-0.2583	0.796	-0.051054574	count	1
CD99L2	-0.1601438	0.4224048	-0.3791	0.705	-0.051031115	count	1
C22orf39	-0.0378882	0.1443329	-0.2625	0.793	-0.050959953	count	1
SRI	-0.0357715	0.0650933	-0.5495	0.583	-0.05089573	count	1
GORASP2	-0.0372848	0.1204641	-0.3095	0.757	-0.050872469	count	1
FXYD1	-0.0407775	0.2339885	-0.1743	0.862	-0.05076363	count	1
AGAP3	-0.0619833	0.3841391	-0.1614	0.872	-0.050710423	count	1
METTL26	-0.0358128	0.0827265	-0.4329	0.665	-0.050561184	count	1
ACBD5	-0.0381528	0.150985	-0.2527	0.801	-0.050505602	count	1
S1PR4	-0.0362125	0.0992463	-0.3649	0.715	-0.050485835	count	1
WNT10B	-0.0833221	0.6701582	-0.1243	0.901	-0.050466435	count	1
DMPK	-0.0832882	0.6360096	-0.131	0.896	-0.050446169	count	1
AC027307.3	-0.0832552	0.5981002	-0.1392	0.889	-0.050426444	count	1
SMIM37	-0.0363695	0.123174	-0.2953	0.768	-0.050361588	count	1
MZT2B	-0.0351228	0.0427088	-0.8224	0.411	-0.050282998	count	1
TIGD7	-0.1572776	0.5372684	-0.2927	0.77	-0.050148732	count	1

RANGAP1	-0.0487538	0.2117533	-0.2302	0.818	-0.050142336	count	1
MRPL42	-0.0367089	0.1126651	-0.3258	0.745	-0.050132055	count	1
JSRP1	-0.2887116	0.6930589	-0.4166	0.677	-0.050108226	count	1
HRH2	-0.074457	0.2076028	-0.3587	0.72	-0.049987746	count	1
LRCH1	-0.0494765	0.3152639	-0.1569	0.875	-0.049985751	count	1
BOD1L1	-0.0351443	0.0655213	-0.5364	0.592	-0.049921377	count	1
ARHGEF26	-0.0945541	0.5692918	-0.1661	0.868	-0.049920018	count	1
SELENOS	-0.0351398	0.0772285	-0.455	0.649	-0.049704515	count	1
B4GALNT3	-0.0639938	0.5544153	-0.1154	0.908	-0.049655406	count	1
GIPR	-0.0580068	0.6417208	-0.0904	0.928	-0.049625923	count	1
CSNK2A2	-0.0367192	0.1279332	-0.287	0.774	-0.049621473	count	1
PSMA4	-0.0350275	0.0743985	-0.4708	0.638	-0.049596749	count	1
ALKBH7	-0.0347951	0.066288	-0.5249	0.6	-0.049465176	count	1
RPS21	-0.0343531	0.021202	-1.6203	0.105	-0.049451143	count	1
LAG3	-0.0351739	0.1098474	-0.3202	0.749	-0.049447734	count	1
TTC3	-0.0359488	0.0939535	-0.3826	0.702	-0.049419532	count	1
RNASEL	-0.0459713	0.2966129	-0.155	0.877	-0.049417711	count	1
AC024909.2	-0.1137061	0.7993004	-0.1423	0.887	-0.049379613	count	1
DARS	-0.035871	0.1069596	-0.3354	0.737	-0.04936211	count	1
ULK3	-0.0412749	0.1969478	-0.2096	0.834	-0.049332105	count	1
TESPA1	-0.0380597	0.1365725	-0.2787	0.781	-0.049298828	count	1
GABPB1	-0.0380245	0.1603911	-0.2371	0.813	-0.049168142	count	1
ILF2	-0.0347372	0.0718221	-0.4837	0.629	-0.049151721	count	1
FLOT1	-0.0364554	0.1132506	-0.3219	0.748	-0.04913695	count	1
SEL1L	-0.0376833	0.1548385	-0.2434	0.808	-0.049125423	count	1
JADE2	-0.0379585	0.1513976	-0.2507	0.802	-0.049082889	count	1
SNX20	-0.0372044	0.1801502	-0.2065	0.836	-0.049026694	count	1
IFT140	-0.2816719	0.5966659	-0.4721	0.637	-0.048973209	count	1
DOPEY1	-0.05981	0.263693	-0.2268	0.821	-0.048944702	count	1
YKT6	-0.0406477	0.221734	-0.1833	0.855	-0.04883019	count	1
ENKD1	-0.0804907	0.5121738	-0.1572	0.875	-0.048773107	count	1
CTNNAL1	-0.0503381	0.3589025	-0.1403	0.888	-0.048764536	count	1
MAP3K14-AS1	-0.1524619	0.5237535	-0.2911	0.771	-0.048663585	count	1
MAP3K14	-0.0429405	0.2776328	-0.1547	0.877	-0.048647563	count	1
RBPMS	-0.2793306	0.9680185	-0.2886	0.773	-0.048594744	count	1
ING3	-0.0368744	0.1553003	-0.2374	0.812	-0.0485922	count	1
ATP5PF	-0.0339554	0.0508659	-0.6675	0.504	-0.048586607	count	1
MFSD14C	-0.0415918	0.214109	-0.1943	0.846	-0.048561074	count	1
RENBP	-0.0801259	0.4330317	-0.185	0.853	-0.048554822	count	1
ABCB8	-0.0432382	0.231532	-0.1867	0.852	-0.048549607	count	1
AC142472.1	-0.1519126	0.4847811	-0.3134	0.754	-0.048493975	count	1
DNAJB2	-0.0385478	0.1693163	-0.2277	0.82	-0.048424557	count	1
NCOA6	-0.0420057	0.2338848	-0.1796	0.857	-0.048360101	count	1
ZNF782	-0.1513932	0.5137336	-0.2947	0.768	-0.048333556	count	1
LINC00294	-0.1509863	0.6787135	-0.2225	0.824	-0.048207864	count	1

ASAP1	-0.0365985	0.1386185	-0.264	0.792	-0.048109919	count	1
AKAP7	-0.0371181	0.1583582	-0.2344	0.815	-0.048080398	count	1
EEF2	-0.0336252	0.0399947	-0.8407	0.401	-0.048042209	count	1
PRRX1	-0.1501168	0.896947	-0.1674	0.867	-0.047939172	count	1
MTX3	-0.0616732	0.3333171	-0.185	0.853	-0.047868498	count	1
UQCR10	-0.0335422	0.0584301	-0.5741	0.566	-0.047857902	count	1
DLGAP3	-0.0904643	0.6850869	-0.132	0.895	-0.047794303	count	1
TUBB6	-0.0904643	0.7794189	-0.1161	0.908	-0.047794303	count	1
CAMK4	-0.0357715	0.1013309	-0.353	0.724	-0.047772484	count	1
SS18L2	-0.0335023	0.0696596	-0.4809	0.631	-0.047546634	count	1
ZNF800	-0.0347976	0.0993687	-0.3502	0.726	-0.047543943	count	1
TBCA	-0.0332515	0.0545219	-0.6099	0.542	-0.047537839	count	1
USP32	-0.0517278	0.3755961	-0.1377	0.89	-0.047503224	count	1
RMND5A	-0.0374214	0.1668355	-0.2243	0.823	-0.047502421	count	1
TECR	-0.0334931	0.0706544	-0.474	0.636	-0.047466287	count	1
CCDC24	-0.2721593	0.9193495	-0.296	0.767	-0.047432495	count	1
AP001453.4	-0.2721593	0.9193495	-0.296	0.767	-0.047432495	count	1
FAM110D	-0.2721593	1.056395	-0.2576	0.797	-0.047432495	count	1
UPK2	-0.2721593	1.056395	-0.2576	0.797	-0.047432495	count	1
ZFYVE27	-0.0421665	0.2383226	-0.1769	0.86	-0.047349247	count	1
TPT1	-0.0328257	0.016087	-2.0405	0.0414	-0.047334933	count	1
ARMH4	-0.2706087	0.8308964	-0.3257	0.745	-0.047180589	count	1
PRKAR1A	-0.0349067	0.1141075	-0.3059	0.76	-0.04714371	count	1
UBALD2	-0.0329651	0.0476843	-0.6913	0.4894	-0.04712497	count	1
GIPC1	-0.0347692	0.1319712	-0.2635	0.792	-0.047073733	count	1
CNTROB	-0.1470928	0.4631785	-0.3176	0.751	-0.04700394	count	1
PRR29	-0.1469555	0.9506081	-0.1546	0.877	-0.046961433	count	1
SAMD3	-0.0329623	0.0827749	-0.3982	0.69	-0.046907129	count	1
TCEAL1	-0.0448526	0.3126917	-0.1434	0.886	-0.04689114	count	1
ARRDC1-AS1	-0.0547324	0.2385598	-0.2294	0.819	-0.046841274	count	1
C7orf50	-0.0334348	0.1041751	-0.3209	0.748	-0.046823419	count	1
CDC123	-0.0336496	0.0994355	-0.3384	0.735	-0.046705049	count	1
COX19	-0.0341203	0.1226278	-0.2782	0.781	-0.046697478	count	1
PLCB3	-0.1069971	0.8412568	-0.1272	0.899	-0.046525357	count	1
SYDE2	-0.0691165	0.354933	-0.1947	0.846	-0.046437879	count	1
HERC6	-0.0468471	0.3083006	-0.152	0.879	-0.046412336	count	1
METTL21A	-0.0371438	0.1881607	-0.1974	0.844	-0.046390606	count	1
HYPK	-0.0636428	0.3996635	-0.1592	0.873	-0.046326995	count	1
EBLN2	-0.0635757	0.415223	-0.1531	0.878	-0.046278563	count	1
PARP6	-0.0407814	0.2739888	-0.1488	0.882	-0.046207192	count	1
BBX	-0.0327636	0.079918	-0.41	0.682	-0.046017905	count	1
CCNL2	-0.0342509	0.1270351	-0.2696	0.787	-0.046003106	count	1
SEC24C	-0.0412705	0.273082	-0.1511	0.88	-0.045903272	count	1
SYNE2	-0.0321881	0.0566076	-0.5686	0.57	-0.045851194	count	1
FOXK2	-0.0420875	0.2297676	-0.1832	0.855	-0.045810227	count	1

SP2	-0.04117	0.2490023	-0.1653	0.869	-0.045791771	count	1
BCORL1	-0.1430604	0.432885	-0.3305	0.741	-0.045754832	count	1
TOR3A	-0.0343591	0.1450399	-0.2369	0.813	-0.0457198	count	1
ZNF667-AS1	-0.261095	0.4792857	-0.5448	0.586	-0.045630378	count	1
FAHD2A	-0.0443428	0.2563865	-0.173	0.863	-0.045621071	count	1
SLC25A40	-0.0513149	0.2872902	-0.1786	0.858	-0.045618781	count	1
RAB8A	-0.0324791	0.0854941	-0.3799	0.704	-0.045603816	count	1
FAM162A	-0.0324018	0.0885595	-0.3659	0.714	-0.04555155	count	1
TAOK1	-0.0370947	0.1590836	-0.2332	0.816	-0.04554521	count	1
TNRC6B	-0.032491	0.0741126	-0.4384	0.661	-0.045484099	count	1
PRDX5	-0.0319805	0.0679684	-0.4705	0.638	-0.045479908	count	1
CXorf57	-0.0511067	0.2952882	-0.1731	0.863	-0.045434658	count	1
ACIN1	-0.0330723	0.0976754	-0.3386	0.735	-0.04540297	count	1
TMEM30A	-0.0340533	0.1444729	-0.2357	0.814	-0.045356128	count	1
PIGF	-0.0346876	0.1742716	-0.199	0.842	-0.045355949	count	1
ASXL2	-0.0348888	0.1563393	-0.2232	0.823	-0.045344756	count	1
KLHDC9	-0.2593361	0.7429554	-0.3491	0.727	-0.045342878	count	1
TMEM9B	-0.0323371	0.0961238	-0.3364	0.737	-0.045165155	count	1
CRACR2A	-0.050744	0.2859912	-0.1774	0.859	-0.045113884	count	1
SRP19	-0.0321962	0.0862822	-0.3731	0.709	-0.045065492	count	1
TMEM62	-0.0437985	0.3536013	-0.1239	0.901	-0.045062948	count	1
ESF1	-0.0331253	0.1154642	-0.2869	0.774	-0.044951708	count	1
PDCD10	-0.0317886	0.0735589	-0.4322	0.666	-0.044944057	count	1
REXO1	-0.0345676	0.1571422	-0.22	0.826	-0.044927673	count	1
SRSF8	-0.0323604	0.093618	-0.3457	0.73	-0.044855147	count	1
FAM213A	-0.0847235	0.4265155	-0.1986	0.843	-0.044805246	count	1
HTATIP2	-0.0325364	0.1318878	-0.2467	0.805	-0.044789736	count	1
ECHDC2	-0.0333479	0.1468891	-0.227	0.82	-0.044757067	count	1
GDI1	-0.0369045	0.1640022	-0.225	0.822	-0.044756522	count	1
MED31	-0.0328453	0.130713	-0.2513	0.802	-0.044666665	count	1
PIGZ	-0.1395104	0.7020425	-0.1987	0.842	-0.044653269	count	1
POP5	-0.0322854	0.0995964	-0.3242	0.746	-0.044627806	count	1
AC048382.6	-0.2549195	1.012569	-0.2518	0.801	-0.04461979	count	1
SUPT20H	-0.0336874	0.1335752	-0.2522	0.801	-0.044499747	count	1
KCNQ1OT1	-0.0458758	0.2093057	-0.2192	0.827	-0.044459056	count	1
SLC37A1	-0.0660645	0.4051736	-0.1631	0.87	-0.044406686	count	1
NKILA	-0.1020246	0.5412235	-0.1885	0.85	-0.044404975	count	1
CRY2	-0.0660312	0.3045444	-0.2168	0.828	-0.044384515	count	1
DCBLD1	-0.1019514	0.3669539	-0.2778	0.781	-0.044373731	count	1
SLC11A2	-0.0731115	0.3404421	-0.2148	0.83	-0.044352665	count	1
DMAC1	-0.0322301	0.1302422	-0.2475	0.805	-0.044339231	count	1
RAB6A	-0.0322227	0.117754	-0.2736	0.784	-0.044329055	count	1
LRIG2	-0.0482224	0.2840485	-0.1698	0.865	-0.044299122	count	1
PLCXD2	-0.0516303	0.4426322	-0.1166	0.907	-0.044201277	count	1
CCDC51	-0.0410863	0.3112244	-0.132	0.895	-0.044181091	count	1

WDR86	-0.1377133	0.5284099	-0.2606	0.794	-0.044094963	count	1
VRK3	-0.0346753	0.1740615	-0.1992	0.842	-0.044020387	count	1
CD3D	-0.0305881	0.0325624	-0.9394	0.348	-0.044009061	count	1
TOR4A	-0.0603132	0.5362295	-0.1125	0.91	-0.043922658	count	1
TCTE3	-0.0434408	0.2938036	-0.1479	0.882	-0.043909033	count	1
ERI1	-0.0463458	0.2500216	-0.1854	0.853	-0.04380651	count	1
ARHGEF37	-0.0828068	0.5606492	-0.1477	0.883	-0.043805929	count	1
TMEM243	-0.0311417	0.0744474	-0.4183	0.676	-0.04380154	count	1
ZER1	-0.0462233	0.3269207	-0.1414	0.888	-0.043691212	count	1
NUTM2A-AS1	-0.0351666	0.1769943	-0.1987	0.843	-0.043645292	count	1
PNO1	-0.0328085	0.1576437	-0.2081	0.835	-0.043527915	count	1
POLR2K	-0.0306915	0.0713702	-0.43	0.667	-0.043460393	count	1
TMX4	-0.0308619	0.0861878	-0.3581	0.72	-0.04345527	count	1
B3GAT3	-0.0317253	0.1088269	-0.2915	0.771	-0.043421062	count	1
GNAO1	-0.0507029	0.4011357	-0.1264	0.899	-0.043411674	count	1
ERLIN1	-0.0558687	0.3299927	-0.1693	0.866	-0.043394297	count	1
RTCB	-0.0320596	0.1407192	-0.2278	0.82	-0.043381235	count	1
LINC02447	-0.0993383	0.7453657	-0.1333	0.894	-0.043257748	count	1
SPATA6	-0.0992114	0.5861924	-0.1692	0.866	-0.043203524	count	1
ZNF264	-0.0352629	0.1973152	-0.1787	0.858	-0.042953554	count	1
SYF2	-0.030008	0.0589957	-0.5086	0.611	-0.042785447	count	1
C20orf204	-0.0550757	0.2698121	-0.2041	0.838	-0.042782531	count	1
SOCS3	-0.0303126	0.0763811	-0.3969	0.691	-0.042766966	count	1
NSA2	-0.0299458	0.0520854	-0.5749	0.5654	-0.042731585	count	1
BCL2L15	-0.2432657	0.6973621	-0.3488	0.727	-0.042703541	count	1
BMP4	-0.2432657	0.7449462	-0.3266	0.744	-0.042703541	count	1
ELOVL6	-0.0703015	0.3689555	-0.1905	0.849	-0.042666605	count	1
SF3B5	-0.0300114	0.0639435	-0.4693	0.639	-0.042634139	count	1
BAG2	-0.0351377	0.1921424	-0.1829	0.855	-0.042616981	count	1
MCRIP2	-0.0318415	0.1674188	-0.1902	0.849	-0.04248974	count	1
SNRPA1	-0.0303276	0.0892693	-0.3397	0.734	-0.042439121	count	1
WRAP53	-0.037091	0.327033	-0.1134	0.91	-0.042384226	count	1
ARMC5	-0.0545292	0.3559356	-0.1532	0.878	-0.042360855	count	1
SDK1	-0.241172	1.230101	-0.1961	0.845	-0.042357999	count	1
AC004839.1	-0.241172	1.230101	-0.1961	0.845	-0.042357999	count	1
CX3CL1	-0.241172	1.230101	-0.1961	0.845	-0.042357999	count	1
WTIP	-0.241172	1.230101	-0.1961	0.845	-0.042357999	count	1
UPB1	-0.241172	1.230101	-0.1961	0.845	-0.042357999	count	1
AC005037.1	-0.241172	1.238935	-0.1947	0.846	-0.042357999	count	1
AC009686.2	-0.241172	1.238935	-0.1947	0.846	-0.042357999	count	1
STARD6	-0.241172	1.238935	-0.1947	0.846	-0.042357999	count	1
AC068633.1	-0.241172	1.280149	-0.1884	0.851	-0.042357999	count	1
PTPN20	-0.241172	1.280149	-0.1884	0.851	-0.042357999	count	1
ZNF738	-0.0460939	0.3750109	-0.1229	0.902	-0.042352485	count	1
GEMIN5	-0.0545091	0.3905475	-0.1396	0.889	-0.042345345	count	1

BCL7C	-0.0297611	0.073185	-0.4067	0.684	-0.042278606	count	1
SDCCAG8	-0.0328653	0.1560447	-0.2106	0.833	-0.042268416	count	1
ARFIP1	-0.0327207	0.1710558	-0.1913	0.848	-0.042240703	count	1
NOM1	-0.0375267	0.1791425	-0.2095	0.834	-0.042150644	count	1
S100A4	-0.0292332	0.0319006	-0.9164	0.36	-0.042147483	count	1
MEGF6	-0.1310079	0.6123706	-0.2139	0.831	-0.042007846	count	1
ARHGDIB	-0.0291515	0.0253732	-1.1489	0.251	-0.04197623	count	1
LINC00667	-0.0304034	0.1431506	-0.2124	0.832	-0.041770144	count	1
SKP1	-0.0290245	0.0348562	-0.8327	0.405	-0.041693992	count	1
KIDINS220	-0.0311737	0.1338433	-0.2329	0.816	-0.041671892	count	1
LINC00167	-0.0954677	0.7662105	-0.1246	0.901	-0.04160262	count	1
AC100778.3	-0.0954677	1.003728	-0.0951	0.924	-0.04160262	count	1
SIK3	-0.0319642	0.1371749	-0.233	0.816	-0.041546854	count	1
BNIP3	-0.0303484	0.1225504	-0.2476	0.804	-0.041334501	count	1
CISH	-0.0296546	0.1318709	-0.2249	0.822	-0.041255145	count	1
PDCD6IP	-0.0302676	0.1264692	-0.2393	0.811	-0.041224501	count	1
FAM208B	-0.0319853	0.1427525	-0.2241	0.823	-0.04121614	count	1
CLEC11A	-0.046218	0.5780226	-0.08	0.936	-0.041109013	count	1
RBM3	-0.0287151	0.047153	-0.609	0.5426	-0.041004642	count	1
NVL	-0.032807	0.2093875	-0.1567	0.876	-0.040980484	count	1
TLK1	-0.0289607	0.0717034	-0.4039	0.686	-0.040910694	count	1
AC017083.1	-0.042177	0.4112357	-0.1026	0.918	-0.040887642	count	1
MAPK7	-0.0371188	0.3611674	-0.1028	0.918	-0.040870781	count	1
KIF27	-0.0673076	0.4158663	-0.1618	0.871	-0.04086853	count	1
CYP51A1	-0.0607234	0.3021664	-0.201	0.841	-0.040847645	count	1
CUL9	-0.0432016	0.405591	-0.1065	0.915	-0.040846322	count	1
MRPS18C	-0.0292	0.1022812	-0.2855	0.775	-0.040752515	count	1
CAPNS1	-0.0288948	0.0800411	-0.361	0.718	-0.04073621	count	1
AC116407.2	-0.037857	0.3708415	-0.1021	0.919	-0.040717407	count	1
KIAA0319L	-0.0359219	0.2171576	-0.1654	0.869	-0.040712391	count	1
SPOCK2	-0.0284499	0.0527761	-0.5391	0.5899	-0.04062597	count	1
TIMM10	-0.0303382	0.1186262	-0.2557	0.798	-0.040623459	count	1
AL583839.1	-0.1265696	0.9781586	-0.1294	0.897	-0.040622928	count	1
PITPNC1	-0.029195	0.0968663	-0.3014	0.763	-0.040532774	count	1
CSE1L	-0.0371973	0.2457337	-0.1514	0.88	-0.04050035	count	1
RNF185	-0.2294176	0.4019169	-0.5708	0.568	-0.040410865	count	1
PPP2R2B	-0.0291535	0.125721	-0.2319	0.817	-0.040392177	count	1
TMTC3	-0.1258043	0.3643087	-0.3453	0.73	-0.040383859	count	1
ITPKB	-0.0365192	0.1703085	-0.2144	0.83	-0.040212082	count	1
TOB1	-0.0281306	0.0613901	-0.4582	0.647	-0.040133643	count	1
UBE2A	-0.028265	0.0831998	-0.3397	0.734	-0.03999459	count	1
LSP1	-0.0278899	0.0504212	-0.5531	0.58	-0.039932138	count	1
FOXD1	-0.1243202	0.6387829	-0.1946	0.846	-0.039919991	count	1
DDIT4-AS1	-0.124133	0.6923667	-0.1793	0.8577	-0.03986147	count	1
SMPD1	-0.0308846	0.1875521	-0.1647	0.869	-0.039799016	count	1

NOLC1	-0.0295107	0.1231297	-0.2397	0.811	-0.039698094	count	1
HSPA5	-0.0276348	0.0483786	-0.5712	0.568	-0.039563521	count	1
DYRK2	-0.030281	0.136787	-0.2214	0.825	-0.039541467	count	1
C11orf58	-0.0276603	0.0479056	-0.5774	0.5637	-0.039522052	count	1
AL121944.1	-0.0390774	0.2553105	-0.1531	0.878	-0.039512262	count	1
SREK1IP1	-0.0282012	0.1009317	-0.2794	0.78	-0.039490541	count	1
STK11IP	-0.0903638	0.5759141	-0.1569	0.875	-0.039416278	count	1
DGKZ	-0.0281642	0.0892264	-0.3156	0.752	-0.039401575	count	1
LPGAT1	-0.0286958	0.1192688	-0.2406	0.81	-0.039382616	count	1
BNIP2	-0.028483	0.0942812	-0.3021	0.763	-0.039373437	count	1
VAV3	-0.0297361	0.1627532	-0.1827	0.855	-0.039327892	count	1
SMC6	-0.0298232	0.1892392	-0.1576	0.875	-0.039209798	count	1
PPARG	-0.1214648	0.4774248	-0.2544	0.799	-0.039026682	count	1
CREBL2	-0.0327374	0.1973792	-0.1659	0.868	-0.038934844	count	1
CEP131	-0.2204568	0.496756	-0.4438	0.657	-0.038918297	count	1
BLOC1S5	-0.0293192	0.1869143	-0.1569	0.875	-0.038901444	count	1
SEC11C	-0.0273071	0.0740897	-0.3686	0.712	-0.038646227	count	1
FBXO9	-0.0284928	0.1316878	-0.2164	0.829	-0.03846072	count	1
TRBV20-1	-0.1195964	0.5365818	-0.2229	0.824	-0.038441536	count	1
MAGOH	-0.027094	0.0675896	-0.4009	0.689	-0.038421136	count	1
HAX1	-0.027166	0.0742607	-0.3658	0.715	-0.038409367	count	1
THAP1	-0.0284414	0.1491237	-0.1907	0.849	-0.038260388	count	1
RPL13	-0.0265251	0.0137331	-1.9315	0.0535	-0.038254132	count	1
GART	-0.0294555	0.1689613	-0.1743	0.862	-0.038162642	count	1
GBGT1	-0.0566128	0.4934067	-0.1147	0.909	-0.038104756	count	1
QTRT1	-0.0293886	0.1886818	-0.1558	0.876	-0.038010352	count	1
KBTBD8	-0.0391185	0.3288394	-0.119	0.905	-0.037932704	count	1
ZNF483	-0.0563325	0.3936319	-0.1431	0.886	-0.0379176	count	1
MCMBP	-0.0297192	0.1751034	-0.1697	0.865	-0.037909358	count	1
WASHC5	-0.0328548	0.2431052	-0.1351	0.893	-0.03784339	count	1
EGR3	-0.0486315	0.3339518	-0.1456	0.884	-0.037806558	count	1
AC009061.2	-0.0518098	0.4128347	-0.1255	0.9	-0.037772405	count	1
ICE1	-0.027887	0.1158936	-0.2406	0.81	-0.037691403	count	1
AL391069.2	-0.0619833	0.5905116	-0.105	0.916	-0.037666628	count	1
CDC42EP4	-0.0515905	0.3536784	-0.1459	0.884	-0.037613604	count	1
GNAI1	-0.2123625	0.7452603	-0.285	0.776	-0.037563977	count	1
HOXB7	-0.0370828	0.4860318	-0.0763	0.939	-0.037501376	count	1
RSL1D1	-0.0262947	0.0525676	-0.5002	0.617	-0.03747483	count	1
CEP68	-0.0360428	0.2056229	-0.1753	0.861	-0.037105164	count	1
APEX1	-0.0262476	0.0736655	-0.3563	0.722	-0.037095183	count	1
TRPC4AP	-0.0298765	0.1904206	-0.1569	0.875	-0.037086972	count	1
LINC01644	-0.1151279	0.8411351	-0.1369	0.891	-0.037040126	count	1
TNPO3	-0.0336101	0.2386217	-0.1409	0.888	-0.037015534	count	1
ATP6V0A1	-0.2089631	0.4668135	-0.4476	0.654	-0.036993474	count	1
C1orf131	-0.0272279	0.1339512	-0.2033	0.839	-0.036889726	count	1

NEDD8	-0.0256867	0.0534103	-0.4809	0.631	-0.036736738	count	1
POLM	-0.0303069	0.2205621	-0.1374	0.891	-0.036598963	count	1
CCDC77	-0.0328653	0.261259	-0.1258	0.9	-0.036573149	count	1
LAPTM4B	-0.0397352	0.2694529	-0.1475	0.883	-0.036532229	count	1
SLC39A7	-0.0285914	0.1764407	-0.162	0.871	-0.036472007	count	1
ITFG1	-0.0278095	0.1663291	-0.1672	0.867	-0.036419462	count	1
MZT1	-0.0263728	0.1151786	-0.229	0.819	-0.036396387	count	1
AP001160.3	-0.0374637	0.4231186	-0.0885	0.929	-0.036333269	count	1
MRGBP	-0.0268339	0.1489676	-0.1801	0.857	-0.036245806	count	1
RAB38	-0.0422768	0.5259231	-0.0804	0.936	-0.036230137	count	1
PPM1K	-0.0259337	0.0950756	-0.2728	0.785	-0.036223488	count	1
PIH1D1	-0.0262696	0.1073978	-0.2446	0.807	-0.036141953	count	1
UFSP2	-0.0278251	0.1610325	-0.1728	0.863	-0.036112202	count	1
UBR3	-0.049461	0.2531129	-0.1954	0.845	-0.0360711	count	1
SLC25A46	-0.0318172	0.1984874	-0.1603	0.873	-0.036068662	count	1
USP18	-0.0437485	0.3238618	-0.1351	0.893	-0.035867144	count	1
RAB11A	-0.0253966	0.0852712	-0.2978	0.766	-0.035790959	count	1
IMMP1L	-0.0278023	0.1792828	-0.1551	0.877	-0.035762011	count	1
TBL1X	-0.0400164	0.2353587	-0.17	0.865	-0.035615334	count	1
ATP6V1G1	-0.0246698	0.0396536	-0.6221	0.534	-0.035382402	count	1
INF2	-0.0666078	0.3095544	-0.2152	0.83	-0.035333284	count	1
ZUP1	-0.027012	0.18761	-0.144	0.886	-0.03522345	count	1
CERS5	-0.0275379	0.1654889	-0.1664	0.868	-0.035206162	count	1
UBAC2	-0.0251668	0.0881931	-0.2854	0.775	-0.035147098	count	1
ARL10	-0.1090866	0.5344306	-0.2041	0.838	-0.035141099	count	1
ARL4D	-0.0259502	0.1878837	-0.1381	0.89	-0.035074798	count	1
MTX2	-0.0266781	0.1602006	-0.1665	0.868	-0.034938733	count	1
GOLGA8B	-0.0266773	0.1718584	-0.1552	0.877	-0.034937686	count	1
SFXN2	-0.1966053	0.5698781	-0.345	0.73	-0.034910964	count	1
TTYH3	-0.0656581	0.5104837	-0.1286	0.898	-0.034835071	count	1
DIABLO	-0.196149	0.5209982	-0.3765	0.707	-0.034833818	count	1
AHCYL1	-0.0337351	0.2145537	-0.1572	0.875	-0.034735493	count	1
LINC01569	-0.1077925	0.771685	-0.1397	0.889	-0.034733643	count	1
CA2	-0.1077925	0.8018943	-0.1344	0.893	-0.034733643	count	1
OSTM1	-0.0262128	0.1353719	-0.1936	0.846	-0.034670776	count	1
ITPA	-0.0250029	0.1049635	-0.2382	0.812	-0.034600198	count	1
HMMR	-0.107248	0.5801019	-0.1849	0.853	-0.034562142	count	1
PPIL2	-0.0271614	0.1802263	-0.1507	0.88	-0.034489661	count	1
TFIP11	-0.0272024	0.2136232	-0.1273	0.899	-0.034457406	count	1
DCAKD	-0.0386261	0.3221978	-0.1199	0.905	-0.034382772	count	1
MRPL47	-0.0248775	0.1066311	-0.2333	0.816	-0.034372086	count	1
GCNT2	-0.0564457	0.6942802	-0.0813	0.935	-0.034330719	count	1
VILL	-0.0315146	0.2914575	-0.1081	0.914	-0.034325642	count	1
RPS29	-0.0238196	0.0165023	-1.4434	0.149	-0.034313581	count	1
ZNF441	-0.0438627	0.347321	-0.1263	0.9	-0.034119094	count	1

WDR74	-0.0259999	0.1134988	-0.2291	0.819	-0.034097331	count	1
GOSR2	-0.0279596	0.1873726	-0.1492	0.881	-0.034067639	count	1
RAN	-0.0237319	0.0377086	-0.6293	0.529	-0.03405392	count	1
PPIP5K1	-0.0641486	0.5809282	-0.1104	0.912	-0.03404285	count	1
SNX14	-0.0289396	0.198764	-0.1456	0.884	-0.034026054	count	1
FAM53C	-0.0255208	0.1474384	-0.1731	0.863	-0.033997419	count	1
CARS2	-0.0272722	0.174213	-0.1565	0.876	-0.033967562	count	1
TSPAN18	-0.0315072	0.3332032	-0.0946	0.925	-0.03390226	count	1
COX6C	-0.0236554	0.0425459	-0.556	0.578	-0.033877883	count	1
SNAI3-AS1	-0.1042546	0.6428577	-0.1622	0.871	-0.033618567	count	1
SEM1	-0.0235586	0.0642839	-0.3665	0.714	-0.033558841	count	1
TMEM203	-0.0247101	0.1361541	-0.1815	0.856	-0.033517955	count	1
ARL17B	-0.0457615	0.348353	-0.1314	0.895	-0.033389269	count	1
ALG3	-0.0248156	0.1653086	-0.1501	0.881	-0.03338498	count	1
ERO1A	-0.024224	0.1145117	-0.2115	0.832	-0.033259419	count	1
RGP1	-0.0269569	0.2183423	-0.1235	0.902	-0.033234564	count	1
NORAD	-0.0239633	0.1043533	-0.2296	0.818	-0.033186827	count	1
ELF4	-0.0341818	0.3392822	-0.1007	0.92	-0.033159791	count	1
SNAP47	-0.0261566	0.1666875	-0.1569	0.875	-0.033133796	count	1
LRRC7	-0.1026863	0.6582683	-0.156	0.876	-0.033123719	count	1
TRAV8-6	-0.1026863	0.6698264	-0.1533	0.878	-0.033123719	count	1
BNC2	-0.1026863	0.8169013	-0.1257	0.9	-0.033123719	count	1
VBP1	-0.0241971	0.1078218	-0.2244	0.822	-0.033093559	count	1
MRM3	-0.0254429	0.1820568	-0.1398	0.889	-0.032910629	count	1
CEP135	-0.0255693	0.1727947	-0.148	0.882	-0.032827131	count	1
NECAB3	-0.036821	0.3663046	-0.1005	0.92	-0.032781946	count	1
UCK2	-0.1015218	0.3938957	-0.2577	0.797	-0.032756071	count	1
CXorf38	-0.024188	0.1289892	-0.1875	0.851	-0.032714166	count	1
ZNF428	-0.0232184	0.0863546	-0.2689	0.788	-0.032708271	count	1
TMEM14B	-0.0229467	0.0673056	-0.3409	0.733	-0.03261654	count	1
AGFG2	-0.0261766	0.2095447	-0.1249	0.901	-0.032604272	count	1
CLINT1	-0.0233825	0.0885437	-0.2641	0.792	-0.032602532	count	1
USF2	-0.0231806	0.0811186	-0.2858	0.775	-0.032580398	count	1
NUCB2	-0.0230516	0.0749716	-0.3075	0.759	-0.032489268	count	1
RRN3	-0.0271459	0.1855459	-0.1463	0.884	-0.032465745	count	1
TRAF5	-0.0235758	0.1049097	-0.2247	0.822	-0.032458041	count	1
CCDC66	-0.0231745	0.0921808	-0.2514	0.802	-0.032431215	count	1
TANC2	-0.0610559	0.3745457	-0.163	0.871	-0.032418439	count	1
RPS25	-0.0224456	0.0159603	-1.4063	0.16	-0.032353173	count	1
ZNF598	-0.0325505	0.2312515	-0.1408	0.888	-0.032286576	count	1
NIF3L1	-0.0278103	0.2154625	-0.1291	0.897	-0.032273639	count	1
GLRX5	-0.0229938	0.096171	-0.2391	0.811	-0.03224774	count	1
FOXP3	-0.0414354	0.3985685	-0.104	0.917	-0.032240508	count	1
C19orf66	-0.0230331	0.0959813	-0.24	0.81	-0.032187413	count	1
FBXW11	-0.0254986	0.1535535	-0.1661	0.868	-0.032134216	count	1

GNE	-0.0298575	0.2900075	-0.103	0.918	-0.032130696	count	1
WRAP73	-0.0240408	0.1705884	-0.1409	0.888	-0.032085313	count	1
GTF3C4	-0.0291199	0.2513067	-0.1159	0.908	-0.032079339	count	1
USP42	-0.0258118	0.2060523	-0.1253	0.9	-0.03204606	count	1
SF3A2	-0.0245759	0.1905834	-0.129	0.897	-0.031898029	count	1
U2SURP	-0.0224784	0.0666079	-0.3375	0.736	-0.031866681	count	1
PPM1M	-0.0248307	0.1655867	-0.15	0.881	-0.03167837	count	1
C15orf40	-0.022855	0.1310544	-0.1744	0.862	-0.031620451	count	1
C10orf143	-0.0243478	0.2126859	-0.1145	0.909	-0.031602158	count	1
MARS2	-0.072153	0.3851641	-0.1873	0.851	-0.031580029	count	1
FTCDNL1	-0.1769003	0.8623614	-0.2051	0.837	-0.031562583	count	1
MAP3K4	-0.0237462	0.1747816	-0.1359	0.892	-0.03151075	count	1
MAP4K3	-0.0975405	0.3441932	-0.2834	0.777	-0.031497699	count	1
SULT1A1	-0.0383047	0.4140531	-0.0925	0.926	-0.031423525	count	1
ORC6	-0.0383047	0.4276466	-0.0896	0.929	-0.031423525	count	1
HOMEZ	-0.0351925	0.4524326	-0.0778	0.938	-0.031337225	count	1
LRRC8A	-0.0330991	0.2627367	-0.126	0.9	-0.031323333	count	1
UBA52	-0.0217395	0.0201959	-1.0764	0.282	-0.03130635	count	1
RASSF5	-0.022993	0.0934279	-0.2461	0.806	-0.031304503	count	1
UROD	-0.0231603	0.1658781	-0.1396	0.889	-0.031224131	count	1
MBNL2	-0.024032	0.1580698	-0.152	0.879	-0.031140456	count	1
LINC01534	-0.0508007	0.4671716	-0.1087	0.913	-0.030924119	count	1
LOH12CR2	-0.0957212	0.53618	-0.1785	0.858	-0.030921948	count	1
IL10RB-DT	-0.0705194	0.4381919	-0.1609	0.872	-0.030874398	count	1
GSPT2	-0.0359952	0.2905659	-0.1239	0.901	-0.030867704	count	1
PIGU	-0.031807	0.3661562	-0.0869	0.931	-0.030862306	count	1
SGO2	-0.0375604	0.374943	-0.1002	0.92	-0.03081554	count	1
C19orf54	-0.0392543	0.7233104	-0.0543	0.957	-0.030551501	count	1
CARD6	-0.0392543	0.828139	-0.0474	0.962	-0.030551501	count	1
HSD17B7	-0.0240241	0.1864576	-0.1288	0.897	-0.030508911	count	1
PIEZO1	-0.0331385	0.2666599	-0.1243	0.901	-0.030486473	count	1
UBP1	-0.0286878	0.2296713	-0.1249	0.901	-0.030467023	count	1
SEC31B	-0.0940216	0.5164161	-0.1821	0.856	-0.030383666	count	1
PRICKLE3	-0.0353684	0.593248	-0.0596	0.952	-0.03033222	count	1
ANKRD16	-0.030568	0.4352718	-0.0702	0.944	-0.030325084	count	1
GBF1	-0.0285093	0.224399	-0.127	0.899	-0.030277826	count	1
SNRPB	-0.0211743	0.0471063	-0.4495	0.6531	-0.030233832	count	1
RNF214	-0.0222474	0.1396125	-0.1594	0.873	-0.030195299	count	1
PRKCH	-0.0221389	0.1065657	-0.2077	0.835	-0.030096261	count	1
ACTR1A	-0.0226059	0.1365089	-0.1656	0.868	-0.030087667	count	1
RAD23A	-0.0212155	0.0721985	-0.2938	0.769	-0.030076494	count	1
AL358933.1	-0.1679662	1.081149	-0.1554	0.877	-0.030033244	count	1
AC010999.2	-0.1679662	1.083053	-0.1551	0.877	-0.030033244	count	1
TSHR	-0.1679662	1.323429	-0.1269	0.899	-0.030033244	count	1
CAMK2G	-0.0243333	0.1756246	-0.1386	0.89	-0.029891584	count	1

DIS3	-0.0228822	0.1377038	-0.1662	0.868	-0.029795901	count	1
ZFAND1	-0.0214052	0.1146725	-0.1867	0.852	-0.029739071	count	1
VASP	-0.0210917	0.0775958	-0.2718	0.786	-0.029720094	count	1
AC022182.2	-0.043998	0.520563	-0.0845	0.933	-0.029666802	count	1
ABCC1	-0.0305482	0.2256358	-0.1354	0.892	-0.0296441	count	1
MMRN1	-0.0557563	0.5771905	-0.0966	0.923	-0.029630848	count	1
GEMIN4	-0.0331967	0.4318445	-0.0769	0.939	-0.029565996	count	1
ZYX	-0.0209567	0.0940907	-0.2227	0.824	-0.029437012	count	1
ZDHHC21	-0.0236277	0.2525128	-0.0936	0.925	-0.029432174	count	1
FGD3	-0.022321	0.1280688	-0.1743	0.862	-0.029423825	count	1
CERS2	-0.0215677	0.1170524	-0.1843	0.854	-0.029393121	count	1
CCDC138	-0.0272515	0.3676356	-0.0741	0.941	-0.029331381	count	1
HSD11B1L	-0.0356911	0.4881634	-0.0731	0.942	-0.029288126	count	1
RFXAP	-0.0301429	0.2385558	-0.1264	0.899	-0.029251813	count	1
AC007114.2	-0.0340971	0.4123072	-0.0827	0.934	-0.029245905	count	1
ZNF783	-0.090311	0.5080235	-0.1778	0.859	-0.029207113	count	1
HDAC8	-0.0257456	0.2396439	-0.1074	0.914	-0.029195728	count	1
CYB561D2	-0.023661	0.2537216	-0.0933	0.926	-0.029174785	count	1
SCAMP2	-0.02064	0.090761	-0.2274	0.82	-0.029074049	count	1
CNEP1R1	-0.0250417	0.2171702	-0.1153	0.908	-0.029064824	count	1
MAPRE1	-0.0209056	0.0980014	-0.2133	0.831	-0.029026592	count	1
ENO3	-0.0545778	0.6766158	-0.0807	0.936	-0.029010268	count	1
CNPY3	-0.020838	0.0956464	-0.2179	0.828	-0.028945116	count	1
RBM4B	-0.0254251	0.2847091	-0.0893	0.929	-0.028832796	count	1
RPL38	-0.0200666	0.0240895	-0.833	0.405	-0.028827706	count	1
SH2B1	-0.0289902	0.25479	-0.1138	0.909	-0.02876354	count	1
AK6	-0.0210435	0.1236681	-0.1702	0.865	-0.028678942	count	1
VPS28	-0.0200674	0.0523393	-0.3834	0.701	-0.028676684	count	1
DAAM1	-0.0233669	0.2035402	-0.1148	0.909	-0.028593781	count	1
FNDC10	-0.0347435	0.3995686	-0.087	0.931	-0.028513586	count	1
SLC44A1	-0.0281268	0.3271048	-0.086	0.931	-0.028464307	count	1
XPO6	-0.0227839	0.1937445	-0.1176	0.906	-0.028381938	count	1
ANKEF1	-0.0647083	0.5835799	-0.1109	0.912	-0.028360719	count	1
ACTR8	-0.0247543	0.217348	-0.1139	0.909	-0.028306037	count	1
FAM185A	-0.0874699	0.4477312	-0.1954	0.845	-0.028304987	count	1
USP21	-0.0531682	0.4326167	-0.1229	0.902	-0.028267665	count	1
SEMA4A	-0.0256172	0.3777831	-0.0678	0.946	-0.028226786	count	1
WDFY2	-0.0233142	0.2258507	-0.1032	0.918	-0.028162908	count	1
ARHGAP15	-0.0200287	0.0739408	-0.2709	0.787	-0.028159362	count	1
TCEANC2	-0.0865508	0.3831414	-0.2259	0.821	-0.028012912	count	1
MAFA	-0.0864948	0.4528734	-0.191	0.849	-0.027995113	count	1
GOLGA1	-0.0226961	0.2188683	-0.1037	0.917	-0.027986058	count	1
FBXL18	-0.1560121	0.6557476	-0.2379	0.812	-0.027976035	count	1
SEC24A	-0.0251078	0.2870553	-0.0875	0.93	-0.027953455	count	1
DUSP11	-0.0202848	0.1150528	-0.1763	0.86	-0.02793717	count	1

CLEC2D	-0.0196101	0.0564757	-0.3472	0.728	-0.027900536	count	1
LRSAM1	-0.0635781	0.3724964	-0.1707	0.864	-0.027871189	count	1
ZNF202	-0.0635181	0.6391826	-0.0994	0.921	-0.027845197	count	1
C16orf45	-0.0280477	0.5104907	-0.0549	0.956	-0.027830555	count	1
AGFG1	-0.020711	0.1371981	-0.151	0.88	-0.027781736	count	1
OTUD1	-0.0226133	0.1661816	-0.1361	0.892	-0.027780552	count	1
PCTP	-0.0355538	0.428074	-0.0831	0.934	-0.027683815	count	1
EPM2AIP1	-0.0212873	0.1586764	-0.1342	0.893	-0.027676765	count	1
ATRAID	-0.0194466	0.0753192	-0.2582	0.796	-0.027570244	count	1
MUS81	-0.0228782	0.19077	-0.1199	0.905	-0.02750514	count	1
DDX19B	-0.0216625	0.1791994	-0.1209	0.904	-0.027303295	count	1
CHUK	-0.0296223	0.3162629	-0.0937	0.925	-0.027260777	count	1
CYP4F22	-0.0512254	0.7976402	-0.0642	0.949	-0.027243577	count	1
TGFB111	-0.0511331	0.4779346	-0.107	0.915	-0.027194907	count	1
ZFP91	-0.0234097	0.2206011	-0.1061	0.915	-0.027172899	count	1
FTH1	-0.0188301	0.0289868	-0.6496	0.516	-0.027152696	count	1
ITM2B	-0.0187974	0.0252934	-0.7432	0.4574	-0.027053678	count	1
KDM5C	-0.0370255	0.2938679	-0.126	0.9	-0.027045902	count	1
GPATCH11	-0.0196515	0.1366134	-0.1438	0.886	-0.026992609	count	1
QSOX2	-0.1500948	0.3955458	-0.3795	0.704	-0.026953099	count	1
ZNF865	-0.0261586	0.4163165	-0.0628	0.95	-0.026949645	count	1
GGA3	-0.0260749	0.2617312	-0.0996	0.921	-0.026863582	count	1
MT-ND4	-0.0185982	0.0244171	-0.7617	0.446	-0.026793329	count	1
ATP8B3	-0.1487975	0.5371817	-0.277	0.782	-0.026728426	count	1
ZNF407	-0.0224428	0.2042266	-0.1099	0.913	-0.026704052	count	1
ANAPC16	-0.0185697	0.0480004	-0.3869	0.699	-0.026570051	count	1
LKAAEAR1	-0.0392663	0.6783213	-0.0579	0.954	-0.026493898	count	1
RNF139	-0.0195583	0.1101696	-0.1775	0.859	-0.026454518	count	1
ODF2L	-0.0188562	0.0821256	-0.2296	0.818	-0.026445745	count	1
GMDS	-0.0244258	0.2199924	-0.111	0.912	-0.026294955	count	1
AC011825.2	-0.0599289	0.8045764	-0.0745	0.941	-0.026289159	count	1
SHOC2	-0.0192289	0.1032696	-0.1862	0.852	-0.026255038	count	1
CLPTM1	-0.0221801	0.1841855	-0.1204	0.904	-0.026243444	count	1
AC020765.2	-0.0596803	0.4335313	-0.1377	0.891	-0.026181304	count	1
C3orf62	-0.0263547	0.3784486	-0.0696	0.944	-0.02615428	count	1
ARID3B	-0.0242395	0.2560902	-0.0947	0.925	-0.026094722	count	1
ZNF707	-0.0268712	0.3734057	-0.072	0.943	-0.026084147	count	1
TBC1D14	-0.0262369	0.2415016	-0.1086	0.913	-0.026037627	count	1
UBR2	-0.0188779	0.1089527	-0.1733	0.862	-0.025991654	count	1
WDTC1	-0.0266016	0.2788556	-0.0954	0.924	-0.025823039	count	1
COA6	-0.0188347	0.1374759	-0.137	0.891	-0.025803342	count	1
EEA1	-0.0188204	0.1183463	-0.159	0.874	-0.025741908	count	1
MRPL13	-0.0186095	0.1282955	-0.1451	0.885	-0.025734437	count	1
HPSE	-0.0313236	0.3845814	-0.0814	0.935	-0.025716856	count	1
ZNF273	-0.023554	0.2556665	-0.0921	0.927	-0.025668082	count	1

EFNA3	-0.0583802	0.3812206	-0.1531	0.878	-0.025617093	count	1
DAD1	-0.0178938	0.0529732	-0.3378	0.736	-0.025588724	count	1
ABCC5	-0.0350067	0.324038	-0.108	0.914	-0.025577926	count	1
CSK	-0.0179501	0.0750485	-0.2392	0.811	-0.025430988	count	1
SNRPD1	-0.0178481	0.0734159	-0.2431	0.808	-0.025246564	count	1
SYS1	-0.0183254	0.1049429	-0.1746	0.861	-0.025206288	count	1
MMACHC	-0.1395104	0.93244	-0.1496	0.881	-0.025115757	count	1
ACTRT3	-0.1395104	1.057703	-0.1319	0.895	-0.025115757	count	1
AGMAT	-0.0371516	0.4570126	-0.0813	0.935	-0.025074473	count	1
ERLIN2	-0.0305379	0.3104336	-0.0984	0.922	-0.025074016	count	1
AC009309.1	-0.0570381	0.6780747	-0.0841	0.933	-0.025034366	count	1
IER2	-0.0172726	0.0441466	-0.3913	0.696	-0.024850278	count	1
IL27RA	-0.0179976	0.1059011	-0.1699	0.865	-0.024795609	count	1
CTSK	-0.0464884	0.730735	-0.0636	0.949	-0.024743768	count	1
PSME3	-0.0199815	0.2062151	-0.0969	0.923	-0.024728862	count	1
RBL1	-0.020746	0.2275725	-0.0912	0.927	-0.024548273	count	1
NAGS	-0.0363523	0.5002361	-0.0727	0.942	-0.024537746	count	1
GMPR2	-0.0177999	0.128454	-0.1386	0.89	-0.024475366	count	1
TACC3	-0.0208075	0.1525078	-0.1364	0.891	-0.024474278	count	1
GCNA	-0.1356651	0.4984673	-0.2722	0.786	-0.024445843	count	1
AC145124.1	-0.0294395	0.4987063	-0.059	0.953	-0.024175137	count	1
SNRPE	-0.0171718	0.0853515	-0.2012	0.841	-0.024165939	count	1
CASP4	-0.0170051	0.068736	-0.2474	0.805	-0.024148289	count	1
BATF3	-0.0270232	0.4374672	-0.0618	0.951	-0.024082582	count	1
SNHG8	-0.0168916	0.0516132	-0.3273	0.743	-0.024026005	count	1
TRBC1	-0.0166769	0.0510394	-0.3267	0.744	-0.023994624	count	1
ARL2BP	-0.0170572	0.0928978	-0.1836	0.854	-0.023934031	count	1
SLC16A7	-0.0178505	0.1257895	-0.1419	0.887	-0.023888119	count	1
MARK4	-0.0196833	0.2441919	-0.0806	0.936	-0.023667384	count	1
C1QBP	-0.0166277	0.067681	-0.2457	0.806	-0.023621722	count	1
VPS36	-0.0170482	0.1013135	-0.1683	0.866	-0.023594106	count	1
MTHFSD	-0.0321514	0.4691398	-0.0685	0.945	-0.023500355	count	1
SAP30BP	-0.0170554	0.107035	-0.1593	0.873	-0.023410599	count	1
USP48	-0.0175499	0.1279552	-0.1372	0.891	-0.023404315	count	1
DOLPP1	-0.0214621	0.3522005	-0.0609	0.951	-0.023391548	count	1
BTBD7	-0.0186542	0.1635524	-0.1141	0.909	-0.023382753	count	1
TJAP1	-0.023528	0.323864	-0.0726	0.942	-0.023354458	count	1
TBC1D25	-0.0202377	0.2437557	-0.083	0.934	-0.023326067	count	1
PINX1	-0.0192185	0.2148145	-0.0895	0.929	-0.023324771	count	1
INSL3	-0.0714784	0.6198983	-0.1153	0.908	-0.023206772	count	1
TCEA1	-0.0162863	0.0606536	-0.2685	0.788	-0.023183896	count	1
POLA2	-0.0269877	0.4095686	-0.0659	0.947	-0.02316548	count	1
LRR1	-0.018829	0.2081066	-0.0905	0.928	-0.023134911	count	1
CASP8	-0.0163488	0.0729207	-0.2242	0.823	-0.022962794	count	1
CCNF	-0.0703064	0.6339583	-0.1109	0.912	-0.022831766	count	1

CCDC117	-0.0198972	0.2609924	-0.0762	0.939	-0.022758024	count	1
AP002884.1	-0.0228165	0.3320418	-0.0687	0.945	-0.022649517	count	1
COIL	-0.0170084	0.1598557	-0.1064	0.915	-0.022475715	count	1
GTSE1	-0.0508083	0.9008721	-0.0564	0.955	-0.022325593	count	1
MRPL16	-0.0160392	0.1116199	-0.1437	0.886	-0.022168819	count	1
LINC01006	-0.032802	0.5751305	-0.057	0.955	-0.022152261	count	1
AC090204.1	-0.067624	0.5220655	-0.1295	0.897	-0.021972775	count	1
COQ3	-0.0201543	0.3409715	-0.0591	0.953	-0.021968007	count	1
SLC25A38	-0.0159531	0.1112666	-0.1434	0.886	-0.021802408	count	1
MIR4458HG	-0.0230001	0.5276016	-0.0436	0.965	-0.021785934	count	1
TOP3B	-0.0199558	0.3967315	-0.0503	0.96	-0.021751919	count	1
STXBP2	-0.0155849	0.1232529	-0.1264	0.899	-0.021667254	count	1
ANXA7	-0.015337	0.0780232	-0.1966	0.844	-0.021643425	count	1
C21orf91	-0.0154936	0.1068139	-0.1451	0.885	-0.021632817	count	1
GTF3A	-0.0150429	0.052467	-0.2867	0.774	-0.021541496	count	1
ZNFX1	-0.0168537	0.1616237	-0.1043	0.917	-0.021355696	count	1
DDIT3	-0.0150421	0.0766028	-0.1964	0.844	-0.021327178	count	1
HK2	-0.1170136	0.6706607	-0.1745	0.862	-0.02117826	count	1
CGRRF1	-0.0159658	0.1379072	-0.1158	0.908	-0.021122117	count	1
PGAM1	-0.0147891	0.0602354	-0.2455	0.806	-0.021102181	count	1
PHF1	-0.015867	0.1017428	-0.156	0.876	-0.021036801	count	1
PLGRKT	-0.015151	0.1117934	-0.1355	0.892	-0.021023899	count	1
AC006064.2	-0.1160069	0.6723183	-0.1725	0.863	-0.02100104	count	1
PCGF3	-0.0227516	0.3242984	-0.0702	0.944	-0.020951427	count	1
ZCCHC3	-0.0342626	0.1938542	-0.1767	0.86	-0.020909295	count	1
LRRC3	-0.0392218	0.871998	-0.045	0.964	-0.020901235	count	1
GATA3	-0.0148206	0.0815856	-0.1817	0.856	-0.020895997	count	1
AP003068.2	-0.0391382	0.5894095	-0.0664	0.947	-0.020856973	count	1
ICMT	-0.0174144	0.253961	-0.0686	0.945	-0.020836187	count	1
HCST	-0.0144358	0.033736	-0.4279	0.669	-0.020767177	count	1
CEP85L	-0.0154054	0.1084636	-0.142	0.887	-0.020545305	count	1
STARD9	-0.0464695	0.5230197	-0.0888	0.929	-0.020435306	count	1
PNPLA6	-0.0221742	0.3098001	-0.0716	0.943	-0.020420823	count	1
CRADD	-0.0181383	0.2765213	-0.0656	0.948	-0.020396167	count	1
RNF220	-0.0156571	0.1832092	-0.0855	0.932	-0.02025795	count	1
TNK2-AS1	-0.0619833	0.8996045	-0.0689	0.945	-0.020163269	count	1
POP4	-0.0145045	0.1244586	-0.1165	0.907	-0.020063923	count	1
GOLGA8A	-0.0153165	0.1710896	-0.0895	0.929	-0.019978463	count	1
ARPC1B	-0.0139426	0.0551259	-0.2529	0.8	-0.019953188	count	1
FAM102B	-0.0157518	0.2016336	-0.0781	0.938	-0.019857342	count	1
LINC01480	-0.1084069	0.6608705	-0.164	0.87	-0.019660305	count	1
CMTM6	-0.0140499	0.0793187	-0.1771	0.859	-0.019646849	count	1
NRDC	-0.0140139	0.0943875	-0.1485	0.882	-0.01956704	count	1
NRARP	-0.0366969	0.3475898	-0.1056	0.916	-0.019563879	count	1
ZFP30	-0.0365137	0.3754986	-0.0972	0.923	-0.0194668	count	1

AL121983.2	-0.0442004	0.799673	-0.0553	0.956	-0.019445508	count	1
GALR2	-0.0442004	0.8894708	-0.0497	0.96	-0.019445508	count	1
C8orf37	-0.0442004	0.9948164	-0.0444	0.965	-0.019445508	count	1
TMSB10	-0.0134813	0.0212576	-0.6342	0.526	-0.019435007	count	1
PFKM	-0.028693	0.5561128	-0.0516	0.959	-0.019388389	count	1
NXPE3	-0.0173761	0.211492	-0.0822	0.935	-0.019354364	count	1
VPS41	-0.0163423	0.1867678	-0.0875	0.93	-0.019341459	count	1
CDK6	-0.0149819	0.1481079	-0.1012	0.919	-0.019278159	count	1
TADA2B	-0.0178838	0.213324	-0.0838	0.933	-0.019260666	count	1
DTWD2	-0.0284754	0.4169011	-0.0683	0.946	-0.019241933	count	1
TLR2	-0.0586169	0.8591141	-0.0682	0.946	-0.019081307	count	1
AL121845.1	-0.0586169	0.8617815	-0.068	0.946	-0.019081307	count	1
RRM2	-0.0586169	0.9404896	-0.0623	0.95	-0.019081307	count	1
DOCK9-DT	-0.1050903	0.6995907	-0.1502	0.881	-0.019073655	count	1
TGFB2	-0.0136869	0.0930553	-0.1471	0.883	-0.018966236	count	1
RCN2	-0.0135522	0.1032301	-0.1313	0.896	-0.018849132	count	1
CTSD	-0.0131634	0.0726165	-0.1813	0.856	-0.018766663	count	1
FARSA	-0.0141819	0.1773235	-0.08	0.936	-0.01876281	count	1
PLEKHM3	-0.102984	0.3993415	-0.2579	0.797	-0.018700588	count	1
NKTR	-0.0132765	0.0722198	-0.1838	0.854	-0.018450823	count	1
ERMP1	-0.0235034	0.5273305	-0.0446	0.964	-0.018327364	count	1
DUT	-0.0128525	0.0663808	-0.1936	0.846	-0.018320352	count	1
IL12RB1	-0.0141294	0.1558643	-0.0907	0.928	-0.018282082	count	1
RAD23B	-0.0133205	0.124845	-0.1067	0.915	-0.017996663	count	1
CYC1	-0.0127268	0.0954419	-0.1333	0.894	-0.017883377	count	1
MMS19	-0.0207523	0.3711746	-0.0559	0.955	-0.017824913	count	1
DDX10	-0.0143287	0.2132288	-0.0672	0.946	-0.017608513	count	1
SIRT7	-0.0127894	0.0988909	-0.1293	0.897	-0.017549492	count	1
DROSHA	-0.0167411	0.3670989	-0.0456	0.964	-0.017537509	count	1
MEA1	-0.0125341	0.105504	-0.1188	0.905	-0.017522346	count	1
DCPS	-0.0127937	0.1432976	-0.0893	0.929	-0.017376207	count	1
DSTN	-0.0121427	0.0685502	-0.1771	0.859	-0.017277633	count	1
AC108047.1	-0.021016	0.6324249	-0.0332	0.973	-0.017274258	count	1
ZZEF1	-0.0146737	0.1859257	-0.0789	0.937	-0.017264639	count	1
Z98884.1	-0.0526718	0.8388391	-0.0628	0.95	-0.01716683	count	1
GPR137C	-0.0526718	0.8986422	-0.0586	0.953	-0.01716683	count	1
SLX4IP	-0.0171799	0.3034751	-0.0566	0.955	-0.017061969	count	1
SLC5A6	-0.0198402	0.4074004	-0.0487	0.961	-0.017043112	count	1
CDKN2A	-0.0136955	0.1809388	-0.0757	0.94	-0.016830784	count	1
ZFP64	-0.017718	0.3662469	-0.0484	0.961	-0.016790593	count	1
FAM167B	-0.0214987	0.7183553	-0.0299	0.976	-0.016768168	count	1
DOLK	-0.031184	0.6050013	-0.0515	0.959	-0.016639944	count	1
CD40	-0.091352	0.4433808	-0.206	0.837	-0.016633517	count	1
GHITM	-0.0117018	0.0655041	-0.1786	0.858	-0.016581516	count	1
ZFR	-0.0118555	0.0892997	-0.1328	0.894	-0.016576183	count	1

NDUFAF5	-0.015575	0.2640404	-0.059	0.953	-0.016555881	count	1
FAH	-0.014643	0.335629	-0.0436	0.965	-0.016469065	count	1
LGALS8-AS1	-0.0243046	0.7024253	-0.0346	0.972	-0.016433052	count	1
AMDHD1	-0.0243046	0.8344783	-0.0291	0.977	-0.016433052	count	1
PPP4R1	-0.0135331	0.2145253	-0.0631	0.95	-0.016354377	count	1
AL132780.1	-0.0500531	0.9215949	-0.0543	0.957	-0.016322039	count	1
CDC42SE2	-0.0114486	0.0521109	-0.2197	0.826	-0.016300979	count	1
ACACA	-0.0176344	0.4657027	-0.0379	0.97	-0.01624693	count	1
AC099791.2	-0.0163436	0.780276	-0.0209	0.983	-0.016232507	count	1
FAM168B	-0.0135607	0.2114219	-0.0641	0.949	-0.016228036	count	1
EHMT1	-0.0117315	0.1177753	-0.0996	0.921	-0.016115564	count	1
GGA1	-0.0123203	0.1373819	-0.0897	0.929	-0.016071491	count	1
MED8	-0.0121618	0.1652172	-0.0736	0.941	-0.015996153	count	1
USP40	-0.0299308	0.4425609	-0.0676	0.946	-0.01597452	count	1
ZFPL1	-0.0124771	0.2018547	-0.0618	0.951	-0.015958624	count	1
CD2AP	-0.011793	0.1402811	-0.0841	0.933	-0.015809259	count	1
RSAD1	-0.0128571	0.2172521	-0.0592	0.953	-0.015675434	count	1
AC245014.1	-0.0355442	0.509621	-0.0697	0.944	-0.015661953	count	1
BCL2L12	-0.0134829	0.2017152	-0.0668	0.947	-0.015658223	count	1
LLPH	-0.0113814	0.1280594	-0.0889	0.929	-0.015656244	count	1
CYB5R4	-0.0121378	0.1526705	-0.0795	0.937	-0.015557483	count	1
MYO1E	-0.0291089	0.6958827	-0.0418	0.967	-0.015537957	count	1
CAPN5	-0.0291089	0.79922	-0.0364	0.971	-0.015537957	count	1
MAP2K7	-0.0135565	0.1893025	-0.0716	0.943	-0.015510947	count	1
AC023509.4	-0.0197907	0.3321231	-0.0596	0.952	-0.015439139	count	1
SECISBP2L	-0.0112049	0.1333008	-0.0841	0.933	-0.015272656	count	1
KIFAP3	-0.0119492	0.1490468	-0.0802	0.936	-0.015250393	count	1
P2RY8	-0.0116343	0.1586752	-0.0733	0.942	-0.015176881	count	1
DNM1L	-0.0113664	0.1269384	-0.0895	0.929	-0.015131706	count	1
ABCB1	-0.0137959	0.2351791	-0.0587	0.953	-0.015043477	count	1
ZDHHC2	-0.0112807	0.1547175	-0.0729	0.942	-0.0150318	count	1
SMAD7	-0.0118439	0.1850046	-0.064	0.949	-0.014972124	count	1
TMEM79	-0.0279846	0.6459895	-0.0433	0.965	-0.014940576	count	1
NAE1	-0.0108454	0.1160336	-0.0935	0.926	-0.01493369	count	1
RPL36AL	-0.0103721	0.0230686	-0.4496	0.653	-0.014928011	count	1
MFSD13A	-0.0203163	0.4345993	-0.0467	0.963	-0.014872357	count	1
SLC25A3	-0.0103403	0.0443234	-0.2333	0.816	-0.014815742	count	1
CCP110	-0.0116038	0.2243731	-0.0517	0.959	-0.014630194	count	1
BLCAP	-0.0116392	0.1763879	-0.066	0.947	-0.014504702	count	1
ITK	-0.0104054	0.0867291	-0.12	0.905	-0.014183073	count	1
PIGS	-0.0125886	0.212778	-0.0592	0.953	-0.014160131	count	1
NBPF14	-0.0158622	0.3515662	-0.0451	0.964	-0.014151795	count	1
RAB11B	-0.0103062	0.1113641	-0.0925	0.926	-0.01409809	count	1
ACTG1	-0.0097433	0.0255911	-0.3807	0.703	-0.014043065	count	1
APEX2	-0.0131015	0.3084196	-0.0425	0.966	-0.013928954	count	1

LSM14B	-0.0126042	0.209082	-0.0603	0.952	-0.013899273	count	1
PRKAA1	-0.0101508	0.1183953	-0.0857	0.932	-0.013815843	count	1
RPL31	-0.0095288	0.0275562	-0.3458	0.73	-0.013693359	count	1
RAB3GAP1	-0.0109706	0.1694291	-0.0648	0.948	-0.013627631	count	1
ATAD1	-0.0100633	0.1262835	-0.0797	0.936	-0.013522116	count	1
CD3EAP	-0.0412668	0.4274114	-0.0966	0.923	-0.013480882	count	1
FITM2	-0.0730062	0.711487	-0.1026	0.918	-0.013349786	count	1
AL138781.1	-0.0730062	1.0708052	-0.0682	0.9456	-0.013349786	count	1
MLST8	-0.0109364	0.2169491	-0.0504	0.96	-0.013277623	count	1
ARGLU1	-0.0091462	0.0517484	-0.1767	0.8597	-0.013061486	count	1
PHF19	-0.0096603	0.1517599	-0.0637	0.949	-0.012907767	count	1
CENPL	-0.0118116	0.3346892	-0.0353	0.972	-0.01288135	count	1
PLSCR2	-0.0392218	0.9181612	-0.0427	0.966	-0.012818126	count	1
TRIM31	-0.0392218	1.0833183	-0.0362	0.971	-0.012818126	count	1
BICDL2	-0.0392218	1.0833183	-0.0362	0.971	-0.012818126	count	1
OSCAR	-0.0392218	1.0781211	-0.0364	0.971	-0.012818126	count	1
GUCY1B1	-0.0392218	1.340908	-0.0293	0.977	-0.012818126	count	1
ZNF670	-0.0189043	0.6111037	-0.0309	0.975	-0.012791279	count	1
CMAS	-0.0095893	0.1453083	-0.066	0.947	-0.012741462	count	1
CAP1	-0.008883	0.0505763	-0.1756	0.861	-0.012704957	count	1
TAF7	-0.0089251	0.0655513	-0.1362	0.892	-0.012623886	count	1
AC005363.2	-0.068848	0.7607898	-0.0905	0.928	-0.012601514	count	1
ZNF503	-0.068848	0.7946129	-0.0866	0.931	-0.012601514	count	1
GNAI2	-0.0088146	0.0487935	-0.1807	0.8567	-0.01259205	count	1
CHST12	-0.0089464	0.0859438	-0.1041	0.917	-0.012576641	count	1
ROCK2	-0.0095211	0.1570601	-0.0606	0.952	-0.012491225	count	1
NUMB	-0.0113629	0.2056998	-0.0552	0.956	-0.012392363	count	1
AL035587.1	-0.067624	0.7445821	-0.0908	0.928	-0.012380974	count	1
ELMO2	-0.0113994	0.2730188	-0.0418	0.967	-0.012282263	count	1
AL031777.3	-0.0178328	0.4509641	-0.0395	0.968	-0.012068046	count	1
TMEM258	-0.0084847	0.0631888	-0.1343	0.893	-0.012027527	count	1
ZNF286B	-0.0656581	0.9673153	-0.0679	0.946	-0.012026491	count	1
LAPTM4A	-0.0084793	0.071584	-0.1185	0.906	-0.012002689	count	1
TSPAN33	-0.0223493	0.436921	-0.0512	0.959	-0.011942985	count	1
ASF1A	-0.008415	0.0845023	-0.0996	0.921	-0.011847354	count	1
CC2D1B	-0.0220467	0.3178489	-0.0694	0.945	-0.011781864	count	1
TENT5C	-0.0082715	0.0692489	-0.1194	0.905	-0.011774047	count	1
TBC1D17	-0.0105295	0.2885241	-0.0365	0.971	-0.011733021	count	1
HOXB2	-0.0083855	0.1342062	-0.0625	0.95	-0.011603331	count	1
NCOA7	-0.0084252	0.1006645	-0.0837	0.933	-0.01159011	count	1
AC009113.1	-0.0632088	0.4356837	-0.1451	0.885	-0.011584384	count	1
LRRRC8B	-0.0158001	0.3464211	-0.0456	0.964	-0.011572987	count	1
RPS15A	-0.008015	0.0137725	-0.582	0.561	-0.011556931	count	1
GHRLOS	-0.0187798	0.744859	-0.0252	0.98	-0.011487343	count	1
ANKFY1	-0.0099238	0.2574535	-0.0385	0.969	-0.011444367	count	1

IQCG	-0.0112454	0.2911269	-0.0386	0.969	-0.011395248	count	1
AL357055.3	-0.0619833	0.9338819	-0.0664	0.947	-0.011362985	count	1
CDC42BPA	-0.0619833	0.9318405	-0.0665	0.947	-0.011362985	count	1
ZNF763	-0.0619833	1.045992	-0.0593	0.953	-0.011362985	count	1
CEP170B	-0.0619833	1.148961	-0.0539	0.957	-0.011362985	count	1
RNPS1	-0.0080189	0.0710473	-0.1129	0.91	-0.011338184	count	1
TMEM141	-0.0083561	0.123904	-0.0674	0.946	-0.01129043	count	1
CPNE5	-0.0344801	0.6647435	-0.0519	0.959	-0.011279277	count	1
GON4L	-0.0082463	0.1037668	-0.0795	0.937	-0.011240459	count	1
GSTO2	-0.0341105	0.625979	-0.0545	0.957	-0.0111592	count	1
CMPK1	-0.0079608	0.0765451	-0.104	0.917	-0.011157815	count	1
PHKG1	-0.0091136	0.2451121	-0.0372	0.97	-0.011065431	count	1
SPATA7	-0.0336671	0.538899	-0.0625	0.95	-0.01101513	count	1
GINS4	-0.0336657	0.3961727	-0.085	0.932	-0.011014674	count	1
HOTAIRM1	-0.0081835	0.1652685	-0.0495	0.961	-0.010934824	count	1
NFX1	-0.0087221	0.1918573	-0.0455	0.964	-0.010835429	count	1
UBE2L6	-0.007624	0.0765436	-0.0996	0.921	-0.01080242	count	1
ANKDD1A	-0.0175118	0.3682826	-0.0475	0.962	-0.010713752	count	1
NECAP2	-0.0075586	0.0919904	-0.0822	0.935	-0.010545819	count	1
GPKOW	-0.0081249	0.1855521	-0.0438	0.965	-0.0105326	count	1
RNF149	-0.0073782	0.0706543	-0.1044	0.917	-0.010438378	count	1
MAN1C1	-0.0101128	0.2918017	-0.0347	0.972	-0.010431025	count	1
PNRC2	-0.00726	0.065755	-0.1104	0.912	-0.010276247	count	1
WBP2	-0.0074209	0.1131204	-0.0656	0.948	-0.010268682	count	1
LINC01970	-0.0230792	0.5235447	-0.0441	0.965	-0.010192396	count	1
ARL5B	-0.0082067	0.1809562	-0.0454	0.964	-0.010125025	count	1
ENDOV	-0.0088356	0.2448851	-0.0361	0.971	-0.010111985	count	1
FAM149B1	-0.0550664	0.516451	-0.1066	0.915	-0.010110992	count	1
MTHFD1	-0.0116958	0.2508919	-0.0466	0.963	-0.010055491	count	1
TRAF7	-0.0084524	0.2154305	-0.0392	0.969	-0.010007263	count	1
MDFIC	-0.0071109	0.0760769	-0.0935	0.926	-0.009989333	count	1
NHLRC4	-0.018622	0.7184517	-0.0259	0.979	-0.00995725	count	1
MFSD8	-0.0079575	0.1857766	-0.0428	0.966	-0.009917873	count	1
NNT	-0.0078412	0.2211059	-0.0355	0.972	-0.009741398	count	1
ERAL1	-0.0085344	0.2570782	-0.0332	0.974	-0.009687332	count	1
ZNF550	-0.0097415	0.4231843	-0.023	0.982	-0.009680431	count	1
CHRNA10	-0.0526718	0.8388391	-0.0628	0.95	-0.009676613	count	1
AC103691.1	-0.0526718	0.8422179	-0.0625	0.95	-0.009676613	count	1
NOCT	-0.0525863	0.4800186	-0.1096	0.913	-0.009661094	count	1
GPR150	-0.0293426	0.4477289	-0.0655	0.948	-0.009608603	count	1
COL6A3	-0.0293347	0.6207325	-0.0473	0.962	-0.009606031	count	1
AC009118.2	-0.0293347	0.6961832	-0.0421	0.966	-0.009606031	count	1
FOPNL	-0.0073965	0.1591657	-0.0465	0.963	-0.009604502	count	1
C17orf75	-0.0071877	0.1728858	-0.0416	0.967	-0.009595984	count	1
FOXN2	-0.0069202	0.0955422	-0.0724	0.942	-0.009544061	count	1

MIPEP	-0.0140817	0.4758149	-0.0296	0.976	-0.009534463	count	1
ABHD12	-0.0083255	0.2091832	-0.0398	0.968	-0.009528455	count	1
SLC12A9	-0.0081302	0.2162696	-0.0376	0.97	-0.009444468	count	1
TOLLIP	-0.0070799	0.1655046	-0.0428	0.966	-0.009378432	count	1
RPL41	-0.0064831	0.0116086	-0.5585	0.577	-0.009349719	count	1
RRP12	-0.0507955	0.3790946	-0.134	0.893	-0.009335914	count	1
ITGB3BP	-0.0071861	0.1899701	-0.0378	0.97	-0.009283361	count	1
CHD1L	-0.0089957	0.2530469	-0.0355	0.972	-0.009279535	count	1
FBXL17	-0.0088161	0.2199891	-0.0401	0.968	-0.009240685	count	1
DCAF13	-0.0068132	0.1358172	-0.0502	0.96	-0.009155464	count	1
APLP2	-0.0069684	0.1618886	-0.043	0.966	-0.008968688	count	1
HSCB	-0.0072897	0.20282	-0.0359	0.971	-0.008960713	count	1
ARHGAP1	-0.0076604	0.2108984	-0.0363	0.971	-0.008898933	count	1
ATP6V1H	-0.0068339	0.1551077	-0.0441	0.965	-0.008812291	count	1
PURB	-0.0073846	0.1843996	-0.04	0.968	-0.008792735	count	1
SLC4A2	-0.016361	0.3211996	-0.0509	0.959	-0.008751507	count	1
EIF5A	-0.0060267	0.0541106	-0.1114	0.911	-0.008630338	count	1
GIT1	-0.0070185	0.2003593	-0.035	0.972	-0.008593975	count	1
TRAPPC9	-0.0077091	0.307941	-0.025	0.98	-0.008591672	count	1
GIMAP7	-0.0057671	0.0444713	-0.1297	0.897	-0.008296367	count	1
AC018653.3	-0.0447244	0.6004458	-0.0745	0.941	-0.008231482	count	1
POC1A	-0.0447244	0.6213141	-0.072	0.943	-0.008231482	count	1
SPPL2A	-0.0059211	0.1113514	-0.0532	0.958	-0.00821331	count	1
ATXN7	-0.0444014	0.317206	-0.14	0.889	-0.008172636	count	1
ACVR2A	-0.0111141	0.3090708	-0.036	0.971	-0.008145519	count	1
CENPBD1	-0.0184157	0.7615259	-0.0242	0.981	-0.008139689	count	1
PNISR	-0.0056762	0.0628746	-0.0903	0.928	-0.008067388	count	1
RPL23A	-0.0055984	0.0173355	-0.3229	0.747	-0.008066246	count	1
SLC25A17	-0.0072292	0.2495391	-0.029	0.977	-0.008057057	count	1
CCDC59	-0.0055951	0.0888547	-0.063	0.95	-0.007874583	count	1
TOR1B	-0.0061695	0.2433089	-0.0254	0.98	-0.007779946	count	1
LRIF1	-0.0056126	0.1390195	-0.0404	0.968	-0.007687488	count	1
MCCC1	-0.0072754	0.30094	-0.0242	0.981	-0.007626612	count	1
PDIA6	-0.0053124	0.0670263	-0.0793	0.937	-0.007548309	count	1
STAT6	-0.0067326	0.2144588	-0.0314	0.975	-0.007503807	count	1
P2RY10	-0.0055107	0.1012533	-0.0544	0.957	-0.007500898	count	1
LRRC28	-0.006506	0.2527352	-0.0257	0.979	-0.007446776	count	1
MT1G	-0.0108212	1.0630992	-0.0102	0.992	-0.007330111	count	1
REX1BD	-0.0051336	0.0575918	-0.0891	0.929	-0.007328225	count	1
STOM	-0.0052027	0.0753068	-0.0691	0.945	-0.007321669	count	1
ACSF2	-0.0222113	0.4435011	-0.0501	0.96	-0.00728378	count	1
ZNF75D	-0.0106741	0.3009228	-0.0355	0.972	-0.007230613	count	1
DLGAP4	-0.0056364	0.1642098	-0.0343	0.973	-0.007210585	count	1
DHX32	-0.0219671	0.4824373	-0.0455	0.964	-0.007204051	count	1
RPL36	-0.0049854	0.021906	-0.2276	0.82	-0.007174873	count	1

NDUFAF7	-0.0061233	0.2279884	-0.0269	0.979	-0.007161953	count	1
ANKS6	-0.0132936	0.4726729	-0.0281	0.978	-0.007114299	count	1
DISC1	-0.0215089	0.5230752	-0.0411	0.967	-0.007054432	count	1
UMPS	-0.0062154	0.2462049	-0.0252	0.98	-0.006927573	count	1
CAAP1	-0.0050631	0.1499105	-0.0338	0.973	-0.006721244	count	1
ZNF282	-0.0060073	0.3471564	-0.0173	0.986	-0.00669571	count	1
WDR4	-0.0150472	0.4943326	-0.0304	0.976	-0.006654838	count	1
ETFA	-0.0047152	0.105227	-0.0448	0.964	-0.006594046	count	1
ZNF821	-0.0051626	0.1928284	-0.0268	0.979	-0.006510424	count	1
RASGRF2	-0.00957	0.3009435	-0.0318	0.975	-0.006483677	count	1
CELF2	-0.0046081	0.0703324	-0.0655	0.948	-0.006472165	count	1
YWHAG	-0.0048143	0.1284065	-0.0375	0.97	-0.006444224	count	1
ZNF524	-0.0046737	0.1197267	-0.039	0.969	-0.006404101	count	1
ZC3H7A	-0.0047003	0.1182917	-0.0397	0.968	-0.006366761	count	1
SDHAF3	-0.0046834	0.1532997	-0.0306	0.976	-0.006351193	count	1
ZNF443	-0.014132	0.4447331	-0.0318	0.975	-0.006251101	count	1
FLOT2	-0.0049426	0.1738317	-0.0284	0.977	-0.006120284	count	1
CCNT2	-0.0047028	0.1721144	-0.0273	0.978	-0.006016405	count	1
MT-ATP8	-0.0047599	0.1338002	-0.0356	0.972	-0.006002667	count	1
YDJC	-0.0042649	0.1096423	-0.0389	0.969	-0.005923869	count	1
CHURC1	-0.0041441	0.0757316	-0.0547	0.956	-0.005867451	count	1
TNS3	-0.0108212	1.0962291	-0.0099	0.992	-0.005793474	count	1
MGST1	-0.0108212	1.0962291	-0.0099	0.992	-0.005793474	count	1
IGSF10	-0.0108212	1.2343583	-0.0088	0.993	-0.005793474	count	1
HAT1	-0.0042191	0.1187483	-0.0355	0.972	-0.005766981	count	1
EPHX2	-0.005597	0.2242106	-0.025	0.98	-0.005674038	count	1
HOOK2	-0.0045361	0.2061512	-0.022	0.982	-0.0056718	count	1
AC108134.2	-0.0171005	0.5486883	-0.0312	0.975	-0.005613518	count	1
ANKRD49	-0.0041643	0.1669965	-0.0249	0.98	-0.005574228	count	1
DDT	-0.0039265	0.0686482	-0.0572	0.954	-0.005556388	count	1
NUP62	-0.0042691	0.1706885	-0.025	0.98	-0.005552901	count	1
WAS	-0.0039516	0.085113	-0.0464	0.963	-0.005532321	count	1
BFAR	-0.0039336	0.0963342	-0.0408	0.967	-0.005485597	count	1
SARS	-0.0039256	0.0925085	-0.0424	0.966	-0.005449067	count	1
XRCC6	-0.0038149	0.0628965	-0.0607	0.952	-0.005407943	count	1
LIMD1	-0.0100433	0.4502654	-0.0223	0.982	-0.005377679	count	1
CFL2	-0.0045082	0.2452143	-0.0184	0.985	-0.005338478	count	1
AL445686.2	-0.0044867	0.2282792	-0.0197	0.984	-0.005248166	count	1
KAT5	-0.0041627	0.1981043	-0.021	0.983	-0.005220443	count	1
PRPF31	-0.0037633	0.1050651	-0.0358	0.971	-0.005216652	count	1
CPNE8	-0.004544	0.2194008	-0.0207	0.983	-0.005158989	count	1
PRKRIP1	-0.003841	0.139259	-0.0276	0.978	-0.005132782	count	1
LENG8	-0.0042924	0.202503	-0.0212	0.983	-0.004987237	count	1
FBRSL1	-0.0050375	0.2354273	-0.0214	0.983	-0.004899001	count	1
VSIG10L	-0.007834	0.8630766	-0.0091	0.993	-0.004799751	count	1

AKR1A1	-0.0034236	0.1036839	-0.033	0.974	-0.004780654	count	1
CLP1	-0.0037001	0.1589396	-0.0233	0.981	-0.004771675	count	1
ARF4	-0.003362	0.0698932	-0.0481	0.962	-0.004745417	count	1
SIGIRR	-0.0032954	0.0592517	-0.0556	0.956	-0.004693654	count	1
TMEM134	-0.0033321	0.1023688	-0.0326	0.974	-0.004668664	count	1
CCNJ	-0.010544	0.7550524	-0.014	0.989	-0.004666989	count	1
IER5L	-0.0033687	0.1319173	-0.0255	0.98	-0.004614189	count	1
PACS2	-0.003991	0.2775811	-0.0144	0.989	-0.004491418	count	1
FPR1	-0.0060949	0.6677665	-0.0091	0.993	-0.004469789	count	1
POLR1D	-0.0031238	0.0636815	-0.0491	0.961	-0.004429456	count	1
TOE1	-0.0037856	0.2463308	-0.0154	0.988	-0.004428229	count	1
PSME1	-0.0030212	0.0340618	-0.0887	0.929	-0.004345368	count	1
TMSB15B	-0.0228613	0.420104	-0.0544	0.957	-0.00422851	count	1
POLR3C	-0.0036306	0.2605473	-0.0139	0.989	-0.004188257	count	1
TMEM68	-0.0036121	0.2576209	-0.014	0.989	-0.004166919	count	1
TTC30B	-0.0224864	0.7034701	-0.032	0.975	-0.004159519	count	1
DAZAP1	-0.0029791	0.0833698	-0.0357	0.971	-0.004143899	count	1
PAAF1	-0.0034107	0.2528077	-0.0135	0.989	-0.004123482	count	1
COPS9	-0.0028991	0.0669218	-0.0433	0.965	-0.004111023	count	1
LITAF	-0.002801	0.0582544	-0.0481	0.962	-0.004003935	count	1
EML5	-0.0121278	0.7503379	-0.0162	0.987	-0.003985093	count	1
MFSD4A	-0.0121278	0.847594	-0.0143	0.989	-0.003985093	count	1
WSB1	-0.0027241	0.0797055	-0.0342	0.973	-0.003772515	count	1
TFCP2	-0.0035933	0.2881572	-0.0125	0.99	-0.003767737	count	1
PIIP5K2	-0.0028053	0.1383621	-0.0203	0.984	-0.003748835	count	1
DIMT1	-0.0027896	0.1326719	-0.021	0.983	-0.003674443	count	1
PMF1-BGLAP	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
AL356272.1	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
AC012485.3	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
AC124944.1	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
AC010273.1	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
LUCAT1	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
TRBV30	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
CSF2RA	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
TMEM136	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
LRP6	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
AC087241.3	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
AL358333.2	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
AC091153.3	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
TTC25	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
RUNDC3A-AS1	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
PTPRS	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
AC020907.3	-0.0108212	1.2343583	-0.0088	0.993	-0.003556679	count	1
TRAK2	-0.0029891	0.2131239	-0.014	0.989	-0.003539852	count	1
RAD51B	-0.0034257	0.3617764	-0.0095	0.992	-0.003473428	count	1

AAMP	-0.0025562	0.1418553	-0.018	0.986	-0.003445068	count	1
MDH1	-0.002426	0.067369	-0.036	0.971	-0.003441633	count	1
TIGIT	-0.0024363	0.1008321	-0.0242	0.981	-0.003405156	count	1
NFXL1	-0.0045543	0.2835737	-0.0161	0.987	-0.003340617	count	1
TSPOAP1-AS1	-0.0026828	0.2231651	-0.012	0.99	-0.00325822	count	1
CBWD5	-0.0026839	0.1813023	-0.0148	0.988	-0.003213347	count	1
THOC1	-0.0025208	0.1587875	-0.0159	0.987	-0.003195599	count	1
PSPC1	-0.0024322	0.1438324	-0.0169	0.987	-0.003153416	count	1
PKN2	-0.0022424	0.0953386	-0.0235	0.981	-0.003129779	count	1
BRMS1	-0.0021697	0.1083894	-0.02	0.984	-0.003000932	count	1
DGKD	-0.0023844	0.2111421	-0.0113	0.991	-0.002931521	count	1
NUDT4	-0.0022369	0.1378776	-0.0162	0.987	-0.002931245	count	1
MSANTD4	-0.0023046	0.2790242	-0.0083	0.993	-0.002786353	count	1
LMOD1	-0.008355	0.6986981	-0.012	0.99	-0.002747442	count	1
HIPK2	-0.0026413	0.2451015	-0.0108	0.991	-0.002725908	count	1
FAM83D	-0.0036565	0.3643511	-0.01	0.992	-0.002682377	count	1
MFF	-0.0018679	0.1154263	-0.0162	0.987	-0.002580012	count	1
RPL22L1	-0.0017866	0.0565269	-0.0316	0.975	-0.002547451	count	1
AC136475.5	-0.0132981	0.5430653	-0.0245	0.98	-0.002464964	count	1
RDH5	-0.0023613	0.3842784	-0.0061	0.995	-0.002436988	count	1
MEF2D	-0.0019671	0.1914249	-0.0103	0.992	-0.002378335	count	1
AP003774.4	-0.0017835	0.2311497	-0.0077	0.994	-0.002300134	count	1
GPATCH2L	-0.0016743	0.1506459	-0.0111	0.991	-0.0021671	count	1
CEP70	-0.0026714	0.3243414	-0.0082	0.993	-0.002088243	count	1
SAP25	-0.0046594	0.2861579	-0.0163	0.987	-0.002064509	count	1
CCNL1	-0.0014365	0.0529774	-0.0271	0.978	-0.002038884	count	1
MCCC2	-0.0016087	0.216273	-0.0074	0.994	-0.002005457	count	1
TRAM1	-0.001343	0.0627669	-0.0214	0.983	-0.001906621	count	1
PRKCQ	-0.0012443	0.142294	-0.0087	0.993	-0.001607705	count	1
TNKS2-AS1	-0.0047522	0.7743725	-0.0061	0.995	-0.001563821	count	1
CHML	-0.0017726	0.3296047	-0.0054	0.996	-0.001525569	count	1
PUS10	-0.0016416	0.2960427	-0.0055	0.996	-0.001514693	count	1
POLR2A	-0.0010936	0.13076	-0.0084	0.993	-0.001448826	count	1
CDC37	-0.0010047	0.0629493	-0.016	0.987	-0.00142433	count	1
NME7	-0.0011606	0.2338279	-0.005	0.996	-0.001396627	count	1
PKNOX1	-0.0011216	0.2108314	-0.0053	0.996	-0.00138414	count	1
THEM4	-0.0008831	0.1321136	-0.0067	0.995	-0.001183137	count	1
ZNF79	-0.0024586	0.4546657	-0.0054	0.996	-0.001089794	count	1
STX18	-0.000878	0.182678	-0.0048	0.996	-0.001070973	count	1
ZC3HC1	-0.0007873	0.2828013	-0.0028	0.998	-0.000964262	count	1
AC004982.2	-0.004453	0.6047861	-0.0074	0.994	-0.000827054	count	1
FLT3LG	-0.0005546	0.0874136	-0.0063	0.995	-0.00078145	count	1
SGSM3	-0.0020883	0.6192173	-0.0034	0.997	-0.000687566	count	1
DENND6A	-0.0006759	0.2296921	-0.0029	0.998	-0.000657557	count	1
AC026304.1	-0.0028456	0.7358316	-0.0039	0.997	-0.000528702	count	1

GPATCH8	-0.0003366	0.1040487	-0.0032	0.997	-0.000463689	count	1
OS9	-0.0003165	0.1138959	-0.0028	0.998	-0.00043062	count	1
MPPE1	-0.0003089	0.1704749	-0.0018	0.999	-0.00039063	count	1
C1orf56	-0.0001267	0.0848367	-0.0015	0.999	-0.000178069	count	1
CASP1	-8.16E-05	0.0864741	-9.00E-04	0.999	-0.000115518	count	1
TUBD1	-3.98E-05	0.1774161	-2.00E-04	1	-4.99E-05	count	1
IGHG2	-1.597141	0.3761618	-4.2459	2.24E-05	-2.34E-07	count	0.5376448
CCL19	-1.4508893	0.3867946	-3.7511	2.00E-04	-2.14E-07	count	1
ZNF80	-0.8833512	0.5268271	-1.6767	0.0937	-1.53E-07	count	1
ANGPT2	-0.8634433	0.4148518	-2.0813	0.0375	-1.50E-07	count	1
MAP1A	-0.7590089	0.4121591	-1.8415	0.0656	-1.36E-07	count	1
AACS	-0.6003766	0.3439772	-1.7454	0.081	-1.12E-07	count	1
AL158163.1	-2.580035	1.3163089	-1.9601	0.0501	-1.01E-07	count	1
ZNF319	-2.569656	1.1297473	-2.2745	0.023	-1.01E-07	count	1
PRMT5	-0.5235175	0.2811527	-1.862	0.0627	-1.00E-07	count	1
PPP2R3A	-2.391153	1.0411366	-2.2967	0.0217	-9.88E-08	count	1
RCN3	-2.3543935	1.2080528	-1.9489	0.0514	-9.82E-08	count	1
COL14A1	-2.018065	0.8885959	-2.2711	0.0232	-9.27E-08	count	1
CALCRL	-1.7516803	0.7581551	-2.3105	0.0209	-8.66E-08	count	1
WDR19	-1.6962703	0.6616774	-2.5636	0.0104	-8.51E-08	count	1
LTBP2	-1.6384063	0.9716427	-1.6862	0.0918	-8.35E-08	count	1
MPZ	-1.5697097	0.9514774	-1.6498	0.0991	-8.16E-08	count	1
EXPH5	-1.5697097	0.836282	-1.877	0.0606	-8.16E-08	count	1
ZNF703	-0.4140558	0.370271	-1.1183	0.264	-8.15E-08	count	1
DNASE1L3	-1.5638983	0.6635379	-2.3569	0.0185	-8.15E-08	count	1
AL731577.1	-0.412176	0.3309268	-1.2455	0.213	-8.12E-08	count	1
KIF16B	-0.4104396	0.38656	-1.0618	0.288	-8.09E-08	count	1
FANCC	-1.5352561	0.9777773	-1.5701	0.116	-8.06E-08	count	1
CDYL2	-1.520957	0.5762012	-2.6396	0.0083	-8.05E-08	count	1
TMEM8B	-1.5173332	0.6203931	-2.4458	0.0145	-8.02E-08	count	1
ITGA8	-1.4922048	1.0053363	-1.4843	0.138	-7.93E-08	count	1
MIR34AHG	-1.4491891	1.4392264	-1.0069	0.314	-7.79E-08	count	1
BORA	-0.3909881	0.327489	-1.1939	0.233	-7.76E-08	count	1
PLAT	-1.3963755	0.4744177	-2.9433	0.0033	-7.68E-08	count	1
DEPP1	-1.398298	0.7990229	-1.75	0.0802	-7.64E-08	count	1
DENND2C	-1.3723402	0.7269468	-1.8878	0.0591	-7.55E-08	count	1
KIF23	-1.339843	0.6585828	-2.0344	0.042	-7.44E-08	count	1
RNASEH2A	-1.3265241	0.6658266	-1.9923	0.0464	-7.40E-08	count	1
SAMD4A	-1.3022951	0.6476264	-2.0109	0.0444	-7.32E-08	count	1
JAG1	-1.2787308	0.6465079	-1.9779	0.048	-7.23E-08	count	1
U2AF1	-1.2787308	0.6649667	-1.923	0.0546	-7.23E-08	count	1
EPOP	-1.2783234	0.6553315	-1.9507	0.0512	-7.23E-08	count	1
ZNF154	-1.2113975	0.8236377	-1.4708	0.141	-6.98E-08	count	1
ZNF404	-1.2009103	0.7692672	-1.5611	0.119	-6.95E-08	count	1
RGS12	-1.175838	0.5884292	-1.9983	0.0458	-6.87E-08	count	1

AC010542.2	-1.1768387	0.7856919	-1.4978	0.134	-6.85E-08	count	1
AC246785.3	-1.175838	0.6438476	-1.8263	0.0679	-6.85E-08	count	1
IL22	-1.1748185	1.5221288	-0.7718	0.44	-6.84E-08	count	1
TCEAL9	-1.1388049	0.7246026	-1.5716	0.116	-6.70E-08	count	1
PLN	-1.0923737	0.527901	-2.0693	0.0386	-6.52E-08	count	1
TMEM201	-1.0916881	0.5716944	-1.9096	0.0563	-6.52E-08	count	1
ZNF436	-1.0597504	0.4979054	-2.1284	0.0334	-6.39E-08	count	1
JRK	-1.0231228	0.5851986	-1.7483	0.0805	-6.24E-08	count	1
JDP2	-1.0088522	0.5810057	-1.7364	0.0826	-6.18E-08	count	1
SLC4A8	-1.0048483	0.9369981	-1.0724	0.284	-6.15E-08	count	1
AC006942.1	-0.9954115	0.5901797	-1.6866	0.0918	-6.11E-08	count	1
AC138207.7	-0.9799282	0.7599077	-1.2895	0.197	-6.04E-08	count	1
CPEB3	-0.9799282	0.821898	-1.1923	0.233	-6.04E-08	count	1
AP000487.1	-0.9799282	1.0213714	-0.9594	0.337	-6.04E-08	count	1
MANSC1	-0.9678703	0.5831343	-1.6598	0.0971	-5.99E-08	count	1
AC118553.2	-0.9386625	0.8184963	-1.1468	0.252	-5.85E-08	count	1
ZNF653	-0.935139	0.5239405	-1.7848	0.0744	-5.85E-08	count	1
CYP1B1	-0.905705	0.9664568	-0.9371	0.349	-5.70E-08	count	1
MAPKBP1	-0.9038857	0.508803	-1.7765	0.0757	-5.70E-08	count	1
LINC02076	-0.8965072	0.6901863	-1.2989	0.194	-5.66E-08	count	1
MED20	-0.8819952	0.5180468	-1.7025	0.0887	-5.59E-08	count	1
SYNPO2	-0.8556292	0.6348622	-1.3477	0.178	-5.47E-08	count	1
CAMKK1	-0.8338498	0.7567362	-1.1019	0.271	-5.36E-08	count	1
ZIK1	-0.8198301	0.4979398	-1.6464	0.0998	-5.30E-08	count	1
FGF7	-0.8030314	0.4532409	-1.7718	0.0765	-5.22E-08	count	1
SPRED2	-0.8019011	0.62749	-1.278	0.201	-5.20E-08	count	1
ADM2	-0.7999193	0.8305732	-0.9631	0.336	-5.19E-08	count	1
CUBN	-0.7999193	0.7353107	-1.0879	0.277	-5.19E-08	count	1
RIMS3	-0.7854013	0.6761556	-1.1616	0.245	-5.12E-08	count	1
GCAT	-0.7788053	0.6709497	-1.1608	0.246	-5.09E-08	count	1
UACA	-0.7541259	0.6810958	-1.1072	0.268	-4.96E-08	count	1
AC005224.3	-0.2400129	0.370443	-0.6479	0.517	-4.95E-08	count	1
KIF3C	-0.7500531	1.1913253	-0.6296	0.529	-4.94E-08	count	1
WDR78	-0.7291838	0.6489966	-1.1236	0.261	-4.83E-08	count	1
LINC01521	-0.7180187	0.7480443	-0.9599	0.337	-4.77E-08	count	1
CCL23	-0.7163264	0.7287367	-0.983	0.326	-4.76E-08	count	1
HLF	-0.70958	0.6611921	-1.0732	0.283	-4.73E-08	count	1
PGBD1	-0.7046625	0.6764497	-1.0417	0.298	-4.70E-08	count	1
AFG1L	-0.690364	0.6777725	-1.0186	0.308	-4.62E-08	count	1
HIST1H4J	-0.6744027	0.6426123	-1.0495	0.294	-4.54E-08	count	1
CATSPER2	-0.6666389	0.5271056	-1.2647	0.206	-4.50E-08	count	1
AC011498.1	-0.6666389	0.6806889	-0.9794	0.327	-4.49E-08	count	1
PLXDC2	-0.6558272	0.6087819	-1.0773	0.281	-4.44E-08	count	1
FOXC1	-0.6508119	0.7862605	-0.8277	0.408	-4.41E-08	count	1
PAN3-AS1	-0.6508119	0.787283	-0.8267	0.408	-4.41E-08	count	1

SPIN3	-0.6442042	0.6350062	-1.0145	0.31	-4.37E-08	count	1
COL6A1	-0.6335418	0.7441232	-0.8514	0.395	-4.31E-08	count	1
AL353708.1	-0.6280121	0.6926116	-0.9067	0.365	-4.28E-08	count	1
ZDHC9	-0.6246271	0.5012727	-1.2461	0.213	-4.26E-08	count	1
AC022364.1	-0.6023298	0.5260221	-1.1451	0.252	-4.14E-08	count	1
SPACA9	-0.5999251	0.5802585	-1.0339	0.301	-4.12E-08	count	1
HLA-DQA2	-0.1961554	0.1035078	-1.8951	0.0582	-4.10E-08	count	1
ERMN	-0.5930478	0.6181372	-0.9594	0.337	-4.08E-08	count	1
TRAV6	-0.5930478	0.5693098	-1.0417	0.298	-4.08E-08	count	1
RBP7	-0.5702521	0.6478448	-0.8802	0.379	-3.95E-08	count	1
PTGIR	-0.5696068	0.6867041	-0.8295	0.407	-3.95E-08	count	1
AC018557.1	-0.5696068	0.8313681	-0.6851	0.493	-3.95E-08	count	1
KRT1	-0.5690096	0.5173923	-1.0998	0.272	-3.95E-08	count	1
TNK1	-0.5611077	0.578941	-0.9692	0.333	-3.90E-08	count	1
ZFP57	-0.5559286	0.509143	-1.0919	0.275	-3.87E-08	count	1
AL360270.1	-0.5274083	0.6306759	-0.8363	0.403	-3.70E-08	count	1
AC132192.1	-0.5182529	0.4546867	-1.1398	0.254	-3.64E-08	count	1
HHAT	-0.5167695	0.4991466	-1.0353	0.301	-3.64E-08	count	1
RARRES1	-2.2713325	1.3245193	-1.7148	0.0865	-3.56E-08	count	1
U73166.1	-2.1864583	1.2902379	-1.6946	0.0902	-3.51E-08	count	1
UST	-0.4965274	0.466762	-1.0638	0.288	-3.51E-08	count	1
TMTC4	-0.4952118	0.450116	-1.1002	0.271	-3.50E-08	count	1
AGAP9	-0.4922593	0.4599297	-1.0703	0.285	-3.49E-08	count	1
TRAV8-3	-0.4922593	0.670197	-0.7345	0.463	-3.49E-08	count	1
ZNF460-AS1	-2.1415922	1.2349304	-1.7342	0.083	-3.48E-08	count	1
NAV1	-2.1297287	1.1460158	-1.8584	0.0632	-3.48E-08	count	1
DNAAF1	-2.1069668	1.4695537	-1.4337	0.152	-3.46E-08	count	1
AL662797.1	-2.1069668	1.1115202	-1.8956	0.0581	-3.46E-08	count	1
PEX5	-0.4876748	0.4511612	-1.0809	0.28	-3.46E-08	count	1
GPR34	-2.0949711	0.9829174	-2.1314	0.0331	-3.45E-08	count	1
AC084036.1	-0.4858312	0.6825383	-0.7118	0.477	-3.45E-08	count	1
PAK3	-0.4838716	0.5786786	-0.8362	0.403	-3.43E-08	count	1
CYP3A5	-0.4838716	0.752314	-0.6432	0.52	-3.43E-08	count	1
GRIP1	-2.0584728	1.1535966	-1.7844	0.0744	-3.43E-08	count	1
NDUFA4L2	-0.4716437	0.5775749	-0.8166	0.414	-3.36E-08	count	1
SOX8	-1.9434615	1.2574842	-1.5455	0.122	-3.34E-08	count	1
Z82206.1	-0.4645277	0.6755752	-0.6876	0.492	-3.32E-08	count	1
GPX3	-1.9002209	1.1620186	-1.6353	0.102	-3.31E-08	count	1
KRTCAP3	-1.9002209	1.1839545	-1.605	0.109	-3.31E-08	count	1
TUSC1	-1.9002209	1.3205534	-1.439	0.15	-3.31E-08	count	1
NBPF26	-0.4590912	0.4402826	-1.0427	0.297	-3.28E-08	count	1
TCN2	-1.8541842	1.0942448	-1.6945	0.0903	-3.27E-08	count	1
AC015987.1	-1.8427521	1.1027767	-1.671	0.0948	-3.26E-08	count	1
SH3D19	-1.8427521	1.256069	-1.4671	0.142	-3.26E-08	count	1
AC005670.2	-1.8048961	1.3567494	-1.3303	0.184	-3.23E-08	count	1

CNKSRI	-1.8048961	1.4421428	-1.2515	0.211	-3.23E-08	count	1
ACOXL	-1.8048961	1.4421428	-1.2515	0.211	-3.23E-08	count	1
SSPN	-1.8048961	1.5615013	-1.1559	0.248	-3.23E-08	count	1
MAFG-DT	-1.8048961	1.6723626	-1.0792	0.281	-3.23E-08	count	1
TNKS1BP1	-1.7936481	0.9906517	-1.8106	0.0703	-3.22E-08	count	1
PABPC3	-1.7936481	1.040309	-1.7241	0.0848	-3.22E-08	count	1
HOMER2	-1.7936481	1.0760835	-1.6668	0.0956	-3.22E-08	count	1
AL592148.3	-1.7936481	1.0760835	-1.6668	0.0956	-3.22E-08	count	1
MCM10	-1.7936481	1.2139433	-1.4775	0.14	-3.22E-08	count	1
OR2A25	-1.7826871	0.8926365	-1.9971	0.0459	-3.21E-08	count	1
COBLL1	-1.7826871	1.2766213	-1.3964	0.163	-3.20E-08	count	1
SPRED3	-1.7408204	1.0265152	-1.6959	0.09	-3.17E-08	count	1
MEX3B	-1.7408204	1.1226949	-1.5506	0.121	-3.17E-08	count	1
PPP1R2B	-1.7408204	1.0949483	-1.5899	0.112	-3.17E-08	count	1
LINC01315	-1.7408204	1.1591264	-1.5018	0.133	-3.17E-08	count	1
ZNF781	-0.4347774	0.5710282	-0.7614	0.446	-3.13E-08	count	1
MSH5	-1.6734209	1.0749275	-1.5568	0.12	-3.11E-08	count	1
USP49	-1.6734209	1.0749275	-1.5568	0.12	-3.11E-08	count	1
LRP11	-1.6734209	1.1377615	-1.4708	0.141	-3.11E-08	count	1
AL606760.1	-1.6734209	1.234124	-1.356	0.175	-3.11E-08	count	1
LINC01635	-1.6734209	1.3928956	-1.2014	0.23	-3.11E-08	count	1
SLC2A14	-0.1458845	0.3398385	-0.4293	0.668	-3.09E-08	count	1
SORT1	-1.6114706	1.0257012	-1.5711	0.116	-3.05E-08	count	1
ATAD3C	-1.6114706	1.0974715	-1.4683	0.142	-3.05E-08	count	1
ZFH3	-1.6114706	0.8460678	-1.9047	0.0569	-3.05E-08	count	1
PHLDB1	-1.6024799	1.0184294	-1.5735	0.116	-3.04E-08	count	1
AL121985.1	-1.6024799	1.2802099	-1.2517	0.211	-3.03E-08	count	1
AC004771.4	-1.6024799	1.3971492	-1.147	0.251	-3.03E-08	count	1
AC112220.4	-1.6024799	1.3971492	-1.147	0.251	-3.03E-08	count	1
GHRL	-1.5938634	0.8606246	-1.852	0.0641	-3.02E-08	count	1
LIMS2	-0.4160996	0.4637923	-0.8972	0.37	-3.01E-08	count	1
LINC01431	-0.4154014	0.5389508	-0.7708	0.441	-3.01E-08	count	1
PAWR	-1.5352561	0.9777773	-1.5701	0.116	-2.97E-08	count	1
LBHD1	-1.5352561	1.0835056	-1.4169	0.157	-2.97E-08	count	1
KLHL32	-1.5352561	1.0722717	-1.4318	0.152	-2.97E-08	count	1
AL139412.1	-1.5352561	1.1779608	-1.3033	0.193	-2.97E-08	count	1
AC138028.1	-1.5352561	1.2575014	-1.2209	0.222	-2.97E-08	count	1
C1QTNF1	-1.5352561	1.3248166	-1.1588	0.247	-2.97E-08	count	1
C9orf24	-1.5352561	1.3248166	-1.1588	0.247	-2.97E-08	count	1
KYNU	-1.5277937	1.117734	-1.3669	0.172	-2.96E-08	count	1
AL031714.1	-0.4054965	0.4841505	-0.8375	0.402	-2.94E-08	count	1
SFRP2	-0.400404	0.5361439	-0.7468	0.455	-2.91E-08	count	1
TPD52L1	-0.3973017	0.7128829	-0.5573	0.577	-2.89E-08	count	1
PDE1A	-1.4546259	1.0218115	-1.4236	0.155	-2.88E-08	count	1
PDE6G	-1.4546259	1.0568275	-1.3764	0.169	-2.88E-08	count	1

CD80	-1.4546259	1.2058102	-1.2063	0.228	-2.88E-08	count	1
CHDH	-1.4546259	1.1242485	-1.2939	0.196	-2.88E-08	count	1
SPEG	-1.4546259	0.7895886	-1.8423	0.0655	-2.88E-08	count	1
PTPRO	-1.4491891	1.3823972	-1.0483	0.295	-2.87E-08	count	1
Z97192.1	-1.4491891	0.8837883	-1.6397	0.101	-2.87E-08	count	1
KCNK7	-1.4491891	1.4079378	-1.0293	0.303	-2.87E-08	count	1
PMCH	-0.3909203	0.6574549	-0.5946	0.552	-2.85E-08	count	1
AL121658.1	-0.3909203	0.4883491	-0.8005	0.423	-2.85E-08	count	1
AMER1	-1.417065	0.9614984	-1.4738	0.141	-2.83E-08	count	1
PGF	-1.417065	1.0303577	-1.3753	0.169	-2.83E-08	count	1
CD302	-1.4147837	0.8142687	-1.7375	0.0824	-2.83E-08	count	1
AC005944.1	-1.4147837	0.8828195	-1.6026	0.109	-2.83E-08	count	1
STAC3	-1.3723402	1.2395141	-1.1072	0.268	-2.78E-08	count	1
AC090198.1	-1.3723402	1.2395141	-1.1072	0.268	-2.78E-08	count	1
CDC42BPB	-1.3723402	1.2395141	-1.1072	0.268	-2.78E-08	count	1
SYNPO	-1.3723402	1.0774461	-1.2737	0.203	-2.78E-08	count	1
LAMA4	-1.3723402	1.0774461	-1.2737	0.203	-2.78E-08	count	1
REG4	-1.3723402	1.3208301	-1.039	0.299	-2.78E-08	count	1
ARPIN	-1.3723402	1.3208301	-1.039	0.299	-2.78E-08	count	1
NPIPA5	-1.3723402	1.3974224	-0.9821	0.326	-2.78E-08	count	1
TMEM236	-1.3723402	1.2558998	-1.0927	0.275	-2.78E-08	count	1
AC104984.3	-1.3708122	0.9075581	-1.5104	0.131	-2.78E-08	count	1
C6orf52	-1.3693392	1.13964	-1.2016	0.23	-2.77E-08	count	1
NCR3LG1	-1.3693392	1.13964	-1.2016	0.23	-2.77E-08	count	1
AL160408.2	-1.3693392	1.3712088	-0.9986	0.318	-2.77E-08	count	1
CRHBP	-1.3693392	1.3712088	-0.9986	0.318	-2.77E-08	count	1
AL096711.2	-1.3693392	1.2336708	-1.11	0.267	-2.77E-08	count	1
GUCY1A1	-1.3693392	0.8088272	-1.693	0.0905	-2.77E-08	count	1
RBMS2	-0.378249	0.4474993	-0.8453	0.398	-2.77E-08	count	1
GFPT2	-0.3744364	0.578761	-0.647	0.518	-2.74E-08	count	1
PNPLA7	-0.371113	0.698122	-0.5316	0.595	-2.72E-08	count	1
TCEAL2	-0.371113	0.5792005	-0.6407	0.522	-2.72E-08	count	1
ZNF155	-0.3701844	0.3972293	-0.9319	0.351	-2.71E-08	count	1
GVQW3	-0.3683558	0.4002251	-0.9204	0.357	-2.70E-08	count	1
AC037487.2	-1.2785588	1.1461497	-1.1155	0.265	-2.66E-08	count	1
TIMD4	-1.2785588	1.1461497	-1.1155	0.265	-2.66E-08	count	1
CPLANE2	-1.2785588	1.1461497	-1.1155	0.265	-2.66E-08	count	1
TMEM139	-1.2785588	1.1461497	-1.1155	0.265	-2.66E-08	count	1
VIL1	-1.2785588	1.118245	-1.1434	0.253	-2.66E-08	count	1
PAM16	-1.2785588	1.118245	-1.1434	0.253	-2.66E-08	count	1
AC022929.2	-1.2785588	1.118245	-1.1434	0.253	-2.66E-08	count	1
AC129492.1	-1.2785588	1.2447376	-1.0272	0.304	-2.66E-08	count	1
F13A1	-1.2785588	0.6943115	-1.8415	0.0656	-2.66E-08	count	1
NREP	-1.2792244	1.3680487	-0.9351	0.35	-2.66E-08	count	1
SERINC2	-1.278899	0.8759292	-1.46	0.144	-2.66E-08	count	1

AC093525.4	-1.278899	1.0969767	-1.1658	0.244	-2.66E-08	count	1
HRH1	-1.2792244	1.0097362	-1.2669	0.205	-2.66E-08	count	1
PAGR1	-1.278899	0.9427896	-1.3565	0.175	-2.66E-08	count	1
KCNAB1	-1.2792244	1.4941558	-0.8562	0.392	-2.66E-08	count	1
CCDC96	-0.3593633	0.6492649	-0.5535	0.58	-2.64E-08	count	1
IGHA2	-1.252763	0.6095037	-2.0554	0.0399	-2.63E-08	count	1
FBN1	-1.2294329	0.9116416	-1.3486	0.178	-2.59E-08	count	1
SMOC2	-1.2278726	0.9149321	-1.342	0.18	-2.59E-08	count	1
CDH11	-1.2278726	1.0419011	-1.1785	0.239	-2.59E-08	count	1
TRIM66	-0.3430978	0.5028976	-0.6822	0.495	-2.53E-08	count	1
ANKRD23	-1.1787855	1.0806482	-1.0908	0.275	-2.52E-08	count	1
A4GALT	-1.1787855	1.1522421	-1.023	0.306	-2.52E-08	count	1
AXL	-1.1787855	1.1370546	-1.0367	0.3	-2.52E-08	count	1
ERVMER61-1	-1.1787855	1.1370546	-1.0367	0.3	-2.52E-08	count	1
AC008429.1	-1.1787855	1.1370546	-1.0367	0.3	-2.52E-08	count	1
DMD	-1.1787855	1.2835049	-0.9184	0.358	-2.52E-08	count	1
C2orf92	-1.1787855	1.2053027	-0.978	0.328	-2.52E-08	count	1
TXNDC5	-1.1787855	1.2053027	-0.978	0.328	-2.52E-08	count	1
DND1	-1.1787855	0.8688512	-1.3567	0.175	-2.52E-08	count	1
IL33	-1.1787855	0.8798326	-1.3398	0.18	-2.52E-08	count	1
AL445248.1	-1.1787855	0.8798326	-1.3398	0.18	-2.52E-08	count	1
PDE9A	-1.175838	0.8199329	-1.4341	0.152	-2.52E-08	count	1
CIT	-1.175838	1.0740507	-1.0948	0.274	-2.52E-08	count	1
SPTBN4	-1.175838	0.9111813	-1.2905	0.197	-2.52E-08	count	1
USP44	-0.3409017	0.3885688	-0.8773	0.38	-2.52E-08	count	1
LINC01001	-0.335764	0.4779892	-0.7025	0.482	-2.48E-08	count	1
LINC01772	-1.1308851	0.7378773	-1.5326	0.125	-2.45E-08	count	1
AC015912.3	-1.12207	0.8323985	-1.348	0.178	-2.44E-08	count	1
LOX	-1.1172413	0.8777075	-1.2729	0.203	-2.43E-08	count	1
ARMCX1	-1.1172413	1.0804516	-1.0341	0.301	-2.43E-08	count	1
YPEL4	-0.3278176	0.6244196	-0.525	0.6	-2.43E-08	count	1
CCDC180	-0.3193462	0.6659724	-0.4795	0.632	-2.37E-08	count	1
OR3A3	-1.0729103	1.2943128	-0.8289	0.407	-2.37E-08	count	1
FERMT1	-1.0729103	1.3852484	-0.7745	0.439	-2.37E-08	count	1
NTN4	-1.0665546	0.9301722	-1.1466	0.252	-2.36E-08	count	1
TMEM56-RWDD3	-1.0597504	1.1093134	-0.9553	0.339	-2.35E-08	count	1
AC021739.2	-1.0597504	1.0203391	-1.0386	0.299	-2.35E-08	count	1
EDAR	-1.0597504	1.0203391	-1.0386	0.299	-2.35E-08	count	1
FRMD6	-1.0597504	1.0203391	-1.0386	0.299	-2.35E-08	count	1
PIK3R6	-1.0597504	1.0203391	-1.0386	0.299	-2.35E-08	count	1
TRIM58	-1.0597504	1.2452872	-0.851	0.395	-2.35E-08	count	1
AC027682.6	-1.0597504	1.2452872	-0.851	0.395	-2.35E-08	count	1
STXBP6	-1.0597504	1.2452872	-0.851	0.395	-2.35E-08	count	1
MPEG1	-1.0597504	1.2452872	-0.851	0.395	-2.35E-08	count	1
AP000704.1	-1.0597504	1.1667287	-0.9083	0.364	-2.35E-08	count	1

ZNF571-AS1	-1.0597504	1.1667287	-0.9083	0.364	-2.35E-08	count	1
KCNC3	-1.0597504	1.1667287	-0.9083	0.364	-2.35E-08	count	1
AC084809.1	-1.0597504	1.1667287	-0.9083	0.364	-2.35E-08	count	1
GPRC5C	-1.0597504	1.1667287	-0.9083	0.364	-2.35E-08	count	1
WEE2-AS1	-1.0597504	1.1667287	-0.9083	0.364	-2.35E-08	count	1
SSC5D	-1.0597504	1.1667287	-0.9083	0.364	-2.35E-08	count	1
LINC00654	-1.0597504	1.4802257	-0.7159	0.474	-2.35E-08	count	1
MCF2L	-0.3118	0.6331028	-0.4925	0.622	-2.32E-08	count	1
ADAM23	-0.3115044	0.6904627	-0.4512	0.652	-2.32E-08	count	1
AC006480.2	-0.3048861	0.5522745	-0.5521	0.581	-2.27E-08	count	1
AC027020.2	-0.3042331	0.5224238	-0.5823	0.56	-2.27E-08	count	1
SEPT7-AS1	-1.0092984	1.148745	-0.8786	0.38	-2.27E-08	count	1
AC083798.2	-0.2945976	0.4133375	-0.7127	0.476	-2.20E-08	count	1
PAN2	-0.2933123	0.4814849	-0.6092	0.542	-2.20E-08	count	1
ASMT	-0.9386625	1.0740546	-0.8739	0.382	-2.15E-08	count	1
SOWAHC	-0.9386625	0.9867437	-0.9513	0.342	-2.15E-08	count	1
DPYSL3	-0.9386625	1.1922279	-0.7873	0.431	-2.15E-08	count	1
COL5A2	-0.9386625	1.1922279	-0.7873	0.431	-2.15E-08	count	1
SPATA6L	-0.9386625	1.2135348	-0.7735	0.439	-2.15E-08	count	1
KRT7	-0.9386625	1.2135348	-0.7735	0.439	-2.15E-08	count	1
EGFL8	-0.9386625	1.2135348	-0.7735	0.439	-2.15E-08	count	1
AL603832.1	-0.9386625	1.2135348	-0.7735	0.439	-2.15E-08	count	1
IFT74-AS1	-0.9386625	1.2135348	-0.7735	0.439	-2.15E-08	count	1
MYO15B	-0.9386625	1.2135348	-0.7735	0.439	-2.15E-08	count	1
ATP2A1-AS1	-0.9386625	0.8501319	-1.1041	0.27	-2.15E-08	count	1
RPL34-AS1	-0.9386625	0.9255437	-1.0142	0.311	-2.15E-08	count	1
PSMD6-AS2	-0.2862832	0.4953249	-0.578	0.563	-2.15E-08	count	1
ACE	-0.2862832	0.5989268	-0.478	0.633	-2.15E-08	count	1
ARHGAP29	-0.9259219	0.9163544	-1.0104	0.312	-2.13E-08	count	1
AC007773.1	-0.9259219	0.962711	-0.9618	0.336	-2.13E-08	count	1
ZGPAT	-0.9259219	0.7872929	-1.1761	0.24	-2.13E-08	count	1
IGLV1-51	-0.9259219	0.962711	-0.9618	0.336	-2.13E-08	count	1
EFCAB10	-0.9259219	0.962711	-0.9618	0.336	-2.13E-08	count	1
HIST1H3F	-0.9259219	0.9241585	-1.0019	0.316	-2.13E-08	count	1
ZC3H12C	-0.9259219	1.2453616	-0.7435	0.457	-2.13E-08	count	1
GSTM1	-0.9214058	0.6717771	-1.3716	0.17	-2.12E-08	count	1
AC008378.1	-0.9214058	0.7466806	-1.234	0.217	-2.12E-08	count	1
ITPK1-AS1	-0.2796823	0.6498924	-0.4304	0.667	-2.10E-08	count	1
ATXN7	-0.2778908	0.5311499	-0.5232	0.601	-2.09E-08	count	1
SRGAP1	-0.8897186	0.7908872	-1.125	0.261	-2.07E-08	count	1
SLC17A9	-0.8751018	1.0759086	-0.8134	0.416	-2.04E-08	count	1
AC103736.1	-0.2706738	0.4977824	-0.5438	0.587	-2.04E-08	count	1
CACFD1	-0.8590005	0.9748788	-0.8811	0.378	-2.02E-08	count	1
AC018362.2	-0.8590005	0.9564815	-0.8981	0.369	-2.02E-08	count	1
NTN5	-0.8590005	0.9564815	-0.8981	0.369	-2.02E-08	count	1

LOXL2	-0.8590005	0.8135993	-1.0558	0.291	-2.02E-08	count	1
POLE2	-0.8590005	1.0625992	-0.8084	0.419	-2.02E-08	count	1
MORN1	-0.8590005	1.1053373	-0.7771	0.437	-2.02E-08	count	1
ZNF704	-0.8534822	0.6600339	-1.2931	0.196	-2.01E-08	count	1
NCKIPSD	-0.2654782	0.5131328	-0.5174	0.605	-2.00E-08	count	1
PPARGC1B	-0.8299564	0.6691693	-1.2403	0.215	-1.97E-08	count	1
UBAC2-AS1	-0.8299564	0.6691693	-1.2403	0.215	-1.97E-08	count	1
ZNF619	-0.2553177	0.5249026	-0.4864	0.627	-1.93E-08	count	1
IL17RD	-0.8096158	1.2733752	-0.6358	0.525	-1.93E-08	count	1
DACT1	-0.8096158	0.7450617	-1.0866	0.277	-1.93E-08	count	1
GREB1L	-0.8096158	1.0436413	-0.7758	0.438	-1.93E-08	count	1
TRAV40	-0.8096158	1.4099424	-0.5742	0.566	-1.93E-08	count	1
FXYD6	-0.8096158	1.4099424	-0.5742	0.566	-1.93E-08	count	1
DNAH6	-0.8096158	0.8766346	-0.9235	0.356	-1.93E-08	count	1
AC022167.3	-0.8096158	1.2733752	-0.6358	0.525	-1.93E-08	count	1
TMEM98	-0.7896694	1.0115071	-0.7807	0.435	-1.89E-08	count	1
TSC22D1-AS1	-0.7896694	1.0115071	-0.7807	0.435	-1.89E-08	count	1
FAM83H	-0.7896694	1.0846144	-0.7281	0.467	-1.89E-08	count	1
ADGRA2	-0.7896694	0.8996682	-0.8777	0.38	-1.89E-08	count	1
CCDC3	-0.7824991	0.7764117	-1.0078	0.314	-1.88E-08	count	1
LINC00544	-0.7824991	0.7060667	-1.1083	0.268	-1.88E-08	count	1
DLX2	-0.7672552	0.6131833	-1.2513	0.211	-1.85E-08	count	1
PSD	-0.2438661	0.4900653	-0.4976	0.619	-1.85E-08	count	1
AL137003.2	-0.2398913	0.4889101	-0.4907	0.624	-1.82E-08	count	1
LINC02019	-0.2309286	0.5004883	-0.4614	0.645	-1.76E-08	count	1
AC009948.4	-0.7180187	0.9201794	-0.7803	0.435	-1.76E-08	count	1
TBC1D16	-0.7180187	0.9872451	-0.7273	0.467	-1.75E-08	count	1
DST	-0.2270861	0.5030092	-0.4515	0.652	-1.73E-08	count	1
SV2A	-0.2235411	0.4749957	-0.4706	0.638	-1.70E-08	count	1
TCIM	-0.690364	0.9709942	-0.711	0.477	-1.70E-08	count	1
RND2	-0.690364	1.0885667	-0.6342	0.526	-1.70E-08	count	1
CSF1R	-0.690364	0.9591023	-0.7198	0.472	-1.70E-08	count	1
IGHV1-2	-0.690364	0.9591023	-0.7198	0.472	-1.70E-08	count	1
CLDN5	-0.6842452	0.7642759	-0.8953	0.371	-1.69E-08	count	1
PRELP	-0.6842452	0.6998778	-0.9777	0.328	-1.69E-08	count	1
GOLGA6L4	-0.6442042	1.195036	-0.5391	0.59	-1.61E-08	count	1
VWDE	-0.6442042	0.8457645	-0.7617	0.446	-1.61E-08	count	1
AC090192.2	-0.6442042	1.2682828	-0.5079	0.612	-1.61E-08	count	1
IGHD	-17.5660755	1461.702181	-0.012	0.99	-1.57E-08	count	1
AC021087.1	-17.5660755	1461.702181	-0.012	0.99	-1.57E-08	count	1
ANGPT1	-17.5660755	1461.702181	-0.012	0.99	-1.57E-08	count	1
GLT8D2	-17.5660755	1461.702181	-0.012	0.99	-1.57E-08	count	1
AC005899.8	-17.5660755	1461.702181	-0.012	0.99	-1.57E-08	count	1
TUBB4A	-17.5660755	1461.702181	-0.012	0.99	-1.57E-08	count	1
CXorf65	-17.5660755	1461.702181	-0.012	0.99	-1.57E-08	count	1

NT5DC2	-17.757037	1278.262095	-0.0139	0.989	-1.57E-08	count	1
FAM53A	-17.4886483	1372.90403	-0.0127	0.99	-1.57E-08	count	1
AC009812.4	-17.4886483	1372.90403	-0.0127	0.99	-1.57E-08	count	1
AL121917.1	-17.5661961	1596.080928	-0.011	0.991	-1.57E-08	count	1
BHLHE41	-17.5661961	1596.080928	-0.011	0.991	-1.57E-08	count	1
SHROOM4	-17.4887811	1545.937659	-0.0113	0.991	-1.57E-08	count	1
SDK2	-17.4887811	1545.937659	-0.0113	0.991	-1.57E-08	count	1
UGGT2	-17.4887811	1545.937659	-0.0113	0.991	-1.57E-08	count	1
TLR4	-17.874386	1287.242952	-0.0139	0.989	-1.57E-08	count	1
HCAR3	-17.7574447	1512.695118	-0.0117	0.991	-1.57E-08	count	1
KCNMA1	-17.7574447	1512.695118	-0.0117	0.991	-1.57E-08	count	1
EEF1AKMT3	-17.4888037	1730.083932	-0.0101	0.992	-1.57E-08	count	1
AC012645.1	-17.8745616	1410.254442	-0.0127	0.99	-1.57E-08	count	1
TEAD1	-17.7013734	1632.500418	-0.0108	0.991	-1.57E-08	count	1
AGT	-17.4889564	1870.439345	-0.0094	0.993	-1.56E-08	count	1
PEX11G	-17.8745418	1578.687584	-0.0113	0.991	-1.56E-08	count	1
AL162377.3	-17.7014436	1755.172903	-0.0101	0.992	-1.56E-08	count	1
FHL5	-17.6183502	1369.231212	-0.0129	0.99	-1.56E-08	count	1
KHDRBS3	-17.8745418	1578.687584	-0.0113	0.991	-1.56E-08	count	1
ADAMTSL4	-17.9173513	1544.731639	-0.0116	0.991	-1.56E-08	count	1
AC016027.1	-18.0541969	1410.560974	-0.0128	0.99	-1.56E-08	count	1
TRIO	-18.0543343	1410.657905	-0.0128	0.99	-1.56E-08	count	1
BBS1	-17.6186022	1486.678731	-0.0119	0.991	-1.56E-08	count	1
AL078581.1	-17.6186022	1486.678731	-0.0119	0.991	-1.56E-08	count	1
PAGE5	-17.7016168	1955.195198	-0.0091	0.993	-1.56E-08	count	1
ZNF433	-17.8748959	1821.003603	-0.0098	0.992	-1.56E-08	count	1
AIRN	-17.8747905	1776.538832	-0.0101	0.992	-1.56E-08	count	1
LINC02175	-17.8115278	1579.873424	-0.0113	0.991	-1.56E-08	count	1
REPS2	-17.3740264	1517.117829	-0.0115	0.991	-1.56E-08	count	1
NOTCH3	-17.3734693	1567.025808	-0.0111	0.991	-1.56E-08	count	1
AC019069.1	-17.3734693	1567.025808	-0.0111	0.991	-1.56E-08	count	1
AC087289.5	-17.6189118	1697.350688	-0.0104	0.992	-1.56E-08	count	1
P2RY13	-17.6189118	1697.350688	-0.0104	0.992	-1.56E-08	count	1
PLSCR3	-17.811562	1706.303867	-0.0104	0.992	-1.56E-08	count	1
AL441883.1	-17.6186503	1820.203515	-0.0097	0.992	-1.56E-08	count	1
ZNF185	-18.1825128	1460.844384	-0.0124	0.99	-1.56E-08	count	1
IQCC	-17.8117013	1780.2857	-0.01	0.992	-1.56E-08	count	1
ADPRHL1	-17.3740088	1765.990439	-0.0098	0.992	-1.56E-08	count	1
LRRK1	-17.3740088	1765.990439	-0.0098	0.992	-1.56E-08	count	1
AC239803.2	-17.3740088	1765.990439	-0.0098	0.992	-1.56E-08	count	1
AC006504.1	-17.3740088	1765.990439	-0.0098	0.992	-1.56E-08	count	1
ARHGEF10L	-17.3740088	1765.990439	-0.0098	0.992	-1.56E-08	count	1
MALL	-17.3740088	1765.990439	-0.0098	0.992	-1.56E-08	count	1
BICC1	-17.3740088	1765.990439	-0.0098	0.992	-1.56E-08	count	1
TGM2	-18.0548516	1497.608728	-0.0121	0.99	-1.56E-08	count	1

NUDT13	-17.508066	1239.135154	-0.0141	0.989	-1.56E-08	count	1
CRISPLD1	-17.508066	1239.135154	-0.0141	0.989	-1.56E-08	count	1
RASAL2	-18.0549974	1681.546792	-0.0107	0.991	-1.56E-08	count	1
AC007262.2	-17.7296212	1535.852177	-0.0115	0.991	-1.56E-08	count	1
AL031590.1	-18.0489965	1449.432786	-0.0125	0.99	-1.56E-08	count	1
MIPOL1	-17.5084796	1334.571487	-0.0131	0.99	-1.56E-08	count	1
PRCD	-17.9184049	2318.4178	-0.0077	0.994	-1.56E-08	count	1
CDS1	-17.5086538	1423.525161	-0.0123	0.99	-1.56E-08	count	1
EDIL3	-18.0674377	1212.482682	-0.0149	0.988	-1.56E-08	count	1
TFPI2	-17.5079782	1530.200335	-0.0114	0.991	-1.56E-08	count	1
PKN3	-18.0551071	1847.272215	-0.0098	0.992	-1.56E-08	count	1
PCDH9	-17.7301306	1832.435825	-0.0097	0.992	-1.56E-08	count	1
SOCS6	-17.7301306	1832.435825	-0.0097	0.992	-1.56E-08	count	1
AC092745.1	-17.9913456	1654.35057	-0.0109	0.991	-1.56E-08	count	1
AL157392.4	-18.0498549	1907.069941	-0.0095	0.992	-1.56E-08	count	1
TTC34	-17.9162237	2012.048955	-0.0089	0.993	-1.56E-08	count	1
TIAF1	-17.9162237	2012.048955	-0.0089	0.993	-1.56E-08	count	1
CDA	-18.2733703	1995.461856	-0.0092	0.993	-1.56E-08	count	1
LRMDA	-17.9916368	1826.922085	-0.0098	0.992	-1.56E-08	count	1
ANTXR1	-18.0679148	1541.567791	-0.0117	0.991	-1.56E-08	count	1
ENTPD2	-18.0501066	1956.952061	-0.0092	0.993	-1.56E-08	count	1
AC005224.4	-17.6249601	1289.240301	-0.0137	0.989	-1.56E-08	count	1
CILP2	-17.5092348	1889.532201	-0.0093	0.993	-1.56E-08	count	1
IGLV4-69	-17.9168541	2316.607034	-0.0077	0.994	-1.56E-08	count	1
AC003956.1	-17.9168541	2316.607034	-0.0077	0.994	-1.56E-08	count	1
SORBS2	-17.9147783	1575.267806	-0.0114	0.991	-1.56E-08	count	1
OLFML2B	-18.3740169	1742.120715	-0.0105	0.992	-1.56E-08	count	1
RERG	-17.6254391	1687.545895	-0.0104	0.992	-1.56E-08	count	1
AC005288.1	-17.2109707	1627.764444	-0.0106	0.992	-1.56E-08	count	1
AL021707.7	-17.2109707	1627.764444	-0.0106	0.992	-1.56E-08	count	1
DACT3	-17.7288968	1734.736535	-0.0102	0.992	-1.56E-08	count	1
BOLA2	-17.3590018	1526.921481	-0.0114	0.991	-1.56E-08	count	1
AGAP4	-0.2014524	0.6592883	-0.3056	0.76	-1.54E-08	count	1
CCL21	-0.6131045	0.4940271	-1.241	0.215	-1.54E-08	count	1
SH3PXD2B	-0.6105498	1.0279203	-0.594	0.553	-1.54E-08	count	1
DPH1	-0.6105498	0.7800235	-0.7827	0.434	-1.54E-08	count	1
TMEM47	-0.6105498	1.0249691	-0.5957	0.551	-1.54E-08	count	1
LAMB2	-0.6105498	1.0249691	-0.5957	0.551	-1.54E-08	count	1
KIF5A	-0.6105498	1.1014154	-0.5543	0.579	-1.54E-08	count	1
RAD54B	-0.6105498	0.6885963	-0.8867	0.375	-1.54E-08	count	1
AC025263.1	-0.6105498	0.9019965	-0.6769	0.499	-1.54E-08	count	1
ALDH1A1	-0.6105498	0.9782421	-0.6241	0.533	-1.54E-08	count	1
CRABP2	-0.5916148	0.6491026	-0.9114	0.362	-1.50E-08	count	1
IL21R-AS1	-0.5818768	0.8485737	-0.6857	0.493	-1.48E-08	count	1
AC003681.1	-0.0681386	0.3687477	-0.1848	0.853	-1.47E-08	count	1

SPACA6	-0.1911138	0.5703247	-0.3351	0.738	-1.47E-08	count	1
AC025682.1	-0.5684554	0.791544	-0.7182	0.473	-1.45E-08	count	1
SHPK	-0.5684554	0.7990494	-0.7114	0.477	-1.45E-08	count	1
RN7SL832P	-0.1881934	0.5773306	-0.326	0.744	-1.45E-08	count	1
USP30	-0.1875071	0.5486669	-0.3418	0.733	-1.44E-08	count	1
TOGARAM2	-0.1868371	0.4520098	-0.4133	0.679	-1.44E-08	count	1
ZNF710-AS1	-0.5558139	0.8552281	-0.6499	0.516	-1.42E-08	count	1
SMARCA1	-0.5558139	0.9037511	-0.615	0.539	-1.42E-08	count	1
ZBTB26	-0.5486891	0.6833637	-0.8029	0.422	-1.41E-08	count	1
AC240274.1	-0.5293389	0.781872	-0.677	0.498	-1.36E-08	count	1
LRRC17	-0.5280193	1.0563526	-0.4999	0.617	-1.36E-08	count	1
LINC01252	-0.5280193	0.8660452	-0.6097	0.542	-1.36E-08	count	1
CPXM2	-0.5280193	1.1567192	-0.4565	0.648	-1.36E-08	count	1
PCAT19	-0.5280193	1.1567192	-0.4565	0.648	-1.36E-08	count	1
PTPRB	-0.5280193	0.9046135	-0.5837	0.559	-1.36E-08	count	1
PPL	-0.5280193	0.9640461	-0.5477	0.584	-1.36E-08	count	1
HMSD	-0.5280193	0.9859781	-0.5355	0.592	-1.36E-08	count	1
AL590822.2	-0.5280193	1.1015635	-0.4793	0.632	-1.36E-08	count	1
AC005726.1	-0.5265461	0.8996379	-0.5853	0.558	-1.36E-08	count	1
GDPD3	-0.5265461	0.7369616	-0.7145	0.475	-1.36E-08	count	1
AL606807.1	-0.5049809	0.71435	-0.7069	0.48	-1.31E-08	count	1
DERL3	-2.1535495	0.9082222	-2.3712	0.0178	-1.29E-08	count	1
OR52N4	-0.4760342	0.8965105	-0.531	0.595	-1.25E-08	count	1
PLEK2	-0.4666956	0.7406514	-0.6301	0.529	-1.22E-08	count	1
AC011450.1	-0.4666956	0.8925867	-0.5229	0.601	-1.22E-08	count	1
AP001062.1	-0.4666956	0.8642904	-0.54	0.589	-1.22E-08	count	1
AC074386.1	-0.4666956	0.7698923	-0.6062	0.544	-1.22E-08	count	1
KCTD12	-0.4605339	0.7018419	-0.6562	0.512	-1.21E-08	count	1
BUB1B	-1.8658674	0.8541472	-2.1845	0.029	-1.21E-08	count	1
TRBV11-2	-1.8658674	0.911481	-2.0471	0.0407	-1.21E-08	count	1
NPIPB15	-1.8658674	0.911481	-2.0471	0.0407	-1.21E-08	count	1
MT1A	-1.8658674	0.9654159	-1.9327	0.0534	-1.21E-08	count	1
MBOAT2	-0.1535763	0.6714176	-0.2287	0.819	-1.19E-08	count	1
IQCH-AS1	-0.1532102	0.515288	-0.2973	0.766	-1.19E-08	count	1
DTX1	-0.4430939	1.1005442	-0.4026	0.687	-1.17E-08	count	1
RPS6KL1	-0.4430939	0.8270857	-0.5357	0.592	-1.17E-08	count	1
AC002553.1	-0.4430939	0.8307843	-0.5333	0.594	-1.17E-08	count	1
LINC00271	-0.4430939	1.2112071	-0.3658	0.715	-1.17E-08	count	1
RBMS3	-0.4430939	0.9539334	-0.4645	0.642	-1.17E-08	count	1
MOB3B	-0.4430939	1.0962905	-0.4042	0.686	-1.17E-08	count	1
CLBA1	-1.6835459	0.878402	-1.9166	0.0554	-1.15E-08	count	1
CTNND1	-1.6835459	0.9468564	-1.778	0.0755	-1.15E-08	count	1
SLCO4A1	-1.6835459	0.9468564	-1.778	0.0755	-1.15E-08	count	1
KRT85	-1.6835459	1.0707152	-1.5724	0.116	-1.15E-08	count	1
AL022322.2	-0.4324822	0.6844149	-0.6319	0.527	-1.15E-08	count	1

DENND5A	-0.1454798	0.4991826	-0.2914	0.771	-1.13E-08	count	1
CDK20	-0.142862	0.5532263	-0.2582	0.796	-1.11E-08	count	1
PHGDH	-0.4154014	0.7313009	-0.568	0.57	-1.11E-08	count	1
TRAV9-2	-0.4105802	0.5697299	-0.7207	0.471	-1.09E-08	count	1
FAM239B	-0.4054965	0.8206903	-0.4941	0.621	-1.08E-08	count	1
BDNF-AS	-0.4054965	0.8206903	-0.4941	0.621	-1.08E-08	count	1
AL034417.4	-0.4054965	0.7270009	-0.5578	0.577	-1.08E-08	count	1
AL162457.1	-0.4054965	0.7836078	-0.5175	0.605	-1.08E-08	count	1
COL15A1	-0.4054965	0.785976	-0.5159	0.606	-1.08E-08	count	1
IGKV1-5	-1.4604023	0.9146836	-1.5966	0.11	-1.06E-08	count	1
FAM218A	-1.4604023	0.9996687	-1.4609	0.144	-1.06E-08	count	1
RHOXF1	-1.4604023	1.0779744	-1.3548	0.176	-1.06E-08	count	1
ZNF471	-1.4604023	1.0779744	-1.3548	0.176	-1.06E-08	count	1
HAVCR1	-1.4604023	1.2845633	-1.1369	0.256	-1.06E-08	count	1
AC007342.5	-1.4604023	1.2845633	-1.1369	0.256	-1.06E-08	count	1
ADAMTS17	-0.1346965	0.6061455	-0.2222	0.824	-1.05E-08	count	1
CCNA2	-0.1346285	0.563855	-0.2388	0.811	-1.05E-08	count	1
POU5F2	-0.1346285	0.5108636	-0.2635	0.792	-1.05E-08	count	1
KCNMB4	-0.3853594	0.675849	-0.5702	0.569	-1.03E-08	count	1
C20orf96	-0.3845236	0.9683409	-0.3971	0.691	-1.03E-08	count	1
AC009133.2	-0.3845236	1.061761	-0.3622	0.717	-1.03E-08	count	1
RNF208	-0.3845236	0.8118505	-0.4736	0.636	-1.03E-08	count	1
CLIC2	-0.3845236	1.061761	-0.3622	0.717	-1.03E-08	count	1
GPBAR1	-0.3845236	1.061761	-0.3622	0.717	-1.03E-08	count	1
U62317.2	-0.3845236	1.061761	-0.3622	0.717	-1.03E-08	count	1
GLIDR	-0.3845236	0.9212782	-0.4174	0.676	-1.03E-08	count	1
NBPF10	-0.3845236	0.9457106	-0.4066	0.684	-1.03E-08	count	1
JMJD1C-AS1	-0.3845236	0.9457106	-0.4066	0.684	-1.03E-08	count	1
ANGPTL4	-0.3845236	0.9457106	-0.4066	0.684	-1.03E-08	count	1
FZD2	-0.3845236	0.9457106	-0.4066	0.684	-1.03E-08	count	1
AL117381.1	-0.3845236	0.9457106	-0.4066	0.684	-1.03E-08	count	1
AC073508.3	-0.3845236	0.9212782	-0.4174	0.676	-1.03E-08	count	1
SLC6A8	-0.3845236	0.9212782	-0.4174	0.676	-1.03E-08	count	1
NLRP6	-0.3845236	0.7665882	-0.5016	0.616	-1.03E-08	count	1
AL139011.1	-0.3845236	0.7354024	-0.5229	0.601	-1.03E-08	count	1
AF213884.3	-0.3845236	1.1285712	-0.3407	0.733	-1.03E-08	count	1
KIR2DL4	-0.3845236	0.7816887	-0.4919	0.623	-1.03E-08	count	1
TTLL7	-1.3665476	0.7406994	-1.8449	0.0651	-1.02E-08	count	1
RB1-DT	-0.36179	0.6051808	-0.5978	0.55	-9.77E-09	count	1
ZNF473	-0.1233983	0.7174198	-0.172	0.863	-9.66E-09	count	1
ABCG2	-0.1233983	0.7958635	-0.155	0.877	-9.66E-09	count	1
POMT2	-0.1233983	0.7662619	-0.161	0.872	-9.66E-09	count	1
TEAD3	-0.3562146	0.8048636	-0.4426	0.658	-9.64E-09	count	1
PCSK4	-0.3562146	0.8470799	-0.4205	0.674	-9.64E-09	count	1
AC011446.2	-0.3562146	0.8665053	-0.4111	0.681	-9.64E-09	count	1

TNNC1	-0.3562146	0.8665053	-0.4111	0.681	-9.64E-09	count	1
SOGA3	-0.3562146	0.9257548	-0.3848	0.7	-9.64E-09	count	1
AC092794.1	-0.3562146	0.9435619	-0.3775	0.706	-9.64E-09	count	1
AC079807.1	-0.3430978	0.7893273	-0.4347	0.664	-9.31E-09	count	1
KCNRG	-0.3430978	0.8852625	-0.3876	0.698	-9.31E-09	count	1
AL031056.1	-1.184226	1.0347325	-1.1445	0.253	-9.30E-09	count	1
AL354707.1	-1.1727203	0.8481023	-1.3828	0.167	-9.26E-09	count	1
AC012511.1	-1.1727203	0.9750184	-1.2028	0.229	-9.26E-09	count	1
HIST1H2AB	-1.1727203	0.9750184	-1.2028	0.229	-9.26E-09	count	1
DOCK6	-1.1727203	0.9750184	-1.2028	0.229	-9.26E-09	count	1
GJA4	-1.1727203	0.9750184	-1.2028	0.229	-9.26E-09	count	1
PARS2	-1.1727203	0.9750184	-1.2028	0.229	-9.26E-09	count	1
SCGB3A1	-1.1727203	0.9750184	-1.2028	0.229	-9.26E-09	count	1
AC022730.4	-1.1727203	1.1888766	-0.9864	0.324	-9.25E-09	count	1
AL592211.1	-1.1727203	1.1888766	-0.9864	0.324	-9.25E-09	count	1
VASH1-AS1	-1.1727203	0.8481023	-1.3828	0.167	-9.25E-09	count	1
AC048341.1	-0.1174273	0.5384676	-0.2181	0.827	-9.21E-09	count	1
AC009093.2	-0.116604	0.5982572	-0.1949	0.845	-9.14E-09	count	1
KCNC1	-0.116604	0.7104547	-0.1641	0.87	-9.14E-09	count	1
TENM1	-0.335764	0.7817687	-0.4295	0.668	-9.13E-09	count	1
STIL	-0.335764	0.6250151	-0.5372	0.591	-9.13E-09	count	1
MAPK8IP1	-0.335764	0.6708384	-0.5005	0.617	-9.13E-09	count	1
CYB5RL	-0.3233434	0.6518468	-0.496	0.62	-8.83E-09	count	1
STAM-AS1	-0.1072018	0.476494	-0.225	0.822	-8.43E-09	count	1
GSTM2	-0.1057833	0.4951983	-0.2136	0.831	-8.32E-09	count	1
REXO5	-0.9903987	0.9299334	-1.065	0.287	-8.24E-09	count	1
AL022328.3	-0.2934426	0.7426639	-0.3951	0.693	-8.07E-09	count	1
GHET1	-0.2934426	1.0796877	-0.2718	0.786	-8.07E-09	count	1
TBC1D9	-0.2862832	0.96291	-0.2973	0.766	-7.89E-09	count	1
BEND5	-0.2862832	0.8183918	-0.3498	0.727	-7.89E-09	count	1
FAM171A1	-0.2862832	0.8202878	-0.349	0.727	-7.89E-09	count	1
FP565260.6	-0.2862832	1.1118651	-0.2575	0.797	-7.89E-09	count	1
UNC45B	-0.2862832	0.8269323	-0.3462	0.729	-7.89E-09	count	1
ICAM4	-0.2862832	0.9685766	-0.2956	0.768	-7.89E-09	count	1
CLDN12	-0.2862832	0.9685766	-0.2956	0.768	-7.89E-09	count	1
LHX4	-0.2862832	1.3126315	-0.2181	0.827	-7.89E-09	count	1
HM13-AS1	-0.2862832	1.3126315	-0.2181	0.827	-7.89E-09	count	1
WDR63	-0.2862832	0.6844328	-0.4183	0.676	-7.89E-09	count	1
IL1RAP	-0.0921399	0.3732688	-0.2468	0.805	-7.27E-09	count	1
IGLV3-21	-0.7672552	0.8438093	-0.9093	0.363	-6.80E-09	count	1
ABCC2	-0.7672552	0.8997938	-0.8527	0.394	-6.80E-09	count	1
THY1	-0.7672552	0.8997938	-0.8527	0.394	-6.80E-09	count	1
MICALL2	-0.7672552	0.9524935	-0.8055	0.421	-6.80E-09	count	1
SCUBE1	-0.7672552	0.7741974	-0.991	0.322	-6.80E-09	count	1
TSKS	-0.7672552	0.7741974	-0.991	0.322	-6.80E-09	count	1

PCDHGC3	-0.7672552	1.0954854	-0.7004	0.484	-6.80E-09	count	1
AL136320.1	-0.7672552	1.0954854	-0.7004	0.484	-6.80E-09	count	1
AC087164.1	-0.2438661	0.7072622	-0.3448	0.73	-6.80E-09	count	1
AC106791.1	-0.2438661	0.6391642	-0.3815	0.703	-6.80E-09	count	1
SPRY4	-0.2438661	0.7755242	-0.3145	0.753	-6.80E-09	count	1
AC090948.1	-0.0838774	0.4378947	-0.1915	0.848	-6.63E-09	count	1
VPS33B-DT	-0.2361746	0.753023	-0.3136	0.754	-6.60E-09	count	1
AL358781.1	-0.2294273	0.8322896	-0.2757	0.783	-6.42E-09	count	1
LINC02580	-0.2282587	0.3704483	-0.6162	0.538	-6.39E-09	count	1
AC147651.1	-0.0781241	0.7833575	-0.0997	0.921	-6.19E-09	count	1
ANKRD33B	-0.0781241	0.7440675	-0.105	0.916	-6.19E-09	count	1
LZTS3	-0.0774944	0.5731358	-0.1352	0.892	-6.14E-09	count	1
HSF4	-0.0774944	0.6612614	-0.1172	0.907	-6.14E-09	count	1
MDK	-0.0770355	0.6486699	-0.1188	0.905	-6.10E-09	count	1
AC145207.5	-0.2126234	0.7024305	-0.3027	0.762	-5.98E-09	count	1
DMXL2	-0.2126234	0.6492242	-0.3275	0.743	-5.98E-09	count	1
AC021086.1	-18.0072308	1902.257827	-0.0095	0.992	-5.77E-09	count	1
CDCA8	-18.0072308	1902.257827	-0.0095	0.992	-5.77E-09	count	1
RAVER2	-18.0072308	1902.257827	-0.0095	0.992	-5.77E-09	count	1
AL162274.2	-18.0072308	1902.257827	-0.0095	0.992	-5.77E-09	count	1
PLAU	-18.0072308	1902.257827	-0.0095	0.992	-5.77E-09	count	1
AC138028.2	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
LILRB5	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC104109.3	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AL590708.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
DIO2	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC005264.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC096586.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC012358.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC008771.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
PAPLN	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
ABCB5	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AL158207.2	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AL357556.4	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
TDRP	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
JCAD	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC007608.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
C13orf46	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AL137145.2	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
BMPER	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
CXorf58	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC068282.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
NID2	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC113382.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC021752.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1

OMG	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC009123.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
PBX1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC068025.2	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
LAMA3	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
EML1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
KRT23	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC123768.4	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
LINC00982	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
STARD13	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC027682.4	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC011815.1	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
SLC16A14	-17.5186638	1898.440621	-0.0092	0.993	-5.77E-09	count	1
AC015727.1	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
AC022113.1	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
KSR2	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
CATSPERE	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
TRPM3	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
MIOX	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
LCA5	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
RARB	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
AL022328.1	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
LYG2	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
PLCD3	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
AL049712.1	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
ANKRD29	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
OTUD6A	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
TNFAIP8L3	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
VWA1	-18.0635519	1437.653979	-0.0126	0.99	-5.77E-09	count	1
HIST1H2BL	-18.0635519	1437.653979	-0.0126	0.99	-5.77E-09	count	1
CR936218.1	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
TEX29	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
TMEM184A	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
AL133551.1	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
ADRA2B	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
MYRF	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
ACKR4	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
AC096734.1	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
GGT5	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
AC009812.3	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
HCAR2	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
FMOD	-18.0074419	2423.98417	-0.0074	0.994	-5.77E-09	count	1
KDELR3	-18.3269205	2257.089008	-0.0081	0.994	-5.77E-09	count	1
LINC01220	-18.3269205	2257.089008	-0.0081	0.994	-5.77E-09	count	1
AC087393.2	-18.3269205	2257.089008	-0.0081	0.994	-5.77E-09	count	1

SNORC	-18.3269205	2257.089008	-0.0081	0.994	-5.77E-09	count	1
ZNF618	-18.3269205	2257.089008	-0.0081	0.994	-5.77E-09	count	1
LINC00545	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
CCNB3	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
AL159169.3	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
IGHV2-5	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
TWIST2	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
CFI	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
GPR85	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
FAM133A	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
IL13RA2	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
RBP5	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
AC025034.1	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
CCSER1	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
RTN1	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
AC135068.9	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
CPT1C	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
DNM3OS	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
CXCL9	-18.064095	1857.771311	-0.0097	0.992	-5.77E-09	count	1
ZG16B	-18.3520432	1437.419299	-0.0128	0.99	-5.77E-09	count	1
SPC24	-18.5657928	2165.726883	-0.0086	0.993	-5.76E-09	count	1
AC012510.1	-18.2124093	1897.669873	-0.0096	0.992	-5.76E-09	count	1
C1orf115	-18.2124093	1897.669873	-0.0096	0.992	-5.76E-09	count	1
ARHGAP22	-18.2124093	1897.669873	-0.0096	0.992	-5.76E-09	count	1
FCRL5	-18.5657928	2165.726883	-0.0086	0.993	-5.76E-09	count	1
AL512625.2	-18.3272904	2844.344462	-0.0064	0.995	-5.76E-09	count	1
MERTK	-18.3272904	2844.344462	-0.0064	0.995	-5.76E-09	count	1
GBP6	-18.3272904	2844.344462	-0.0064	0.995	-5.76E-09	count	1
MIR99AHG	-18.3272904	2844.344462	-0.0064	0.995	-5.76E-09	count	1
FGF13	-18.3272904	2844.344462	-0.0064	0.995	-5.76E-09	count	1
AC010327.4	-18.3272904	2844.344462	-0.0064	0.995	-5.76E-09	count	1
AF131216.4	-18.3272904	2844.344462	-0.0064	0.995	-5.76E-09	count	1
KCTD16	-18.3272904	2844.344462	-0.0064	0.995	-5.76E-09	count	1
IGKV3-11	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
IGKV3-15	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
FOCAD-AS1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
ZNF521	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AC010198.1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AL590133.1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
OSR1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AC018742.1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
ANKHD1-EIF4EBP3	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
DLGAP5	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
SIRPD	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AC079305.3	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1

SCG2	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
NPNT	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AL157832.3	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AL355810.1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
IGHV1-45	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
PLA2G10	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AC135012.1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
ZNF396	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
LILRA2	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
LINC01116	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AIF1L	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
SMTNL1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AP001893.1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AL132639.3	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
GLIS1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
TMEM233	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
STK24-AS1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
NDRG4	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
FAM20A	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
TNFAIP6	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
FOXS1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
AL357033.1	-18.0648541	2494.538168	-0.0072	0.994	-5.76E-09	count	1
LINC00240	-18.3525469	1762.248898	-0.0104	0.992	-5.76E-09	count	1
CD24	-18.3525469	1762.248898	-0.0104	0.992	-5.76E-09	count	1
CMTM1	-18.2126942	2228.742416	-0.0082	0.993	-5.76E-09	count	1
S1PR3	-18.2124495	2418.258721	-0.0075	0.994	-5.76E-09	count	1
MRGPRF	-18.2124495	2418.258721	-0.0075	0.994	-5.76E-09	count	1
FAM198B	-18.2124495	2418.258721	-0.0075	0.994	-5.76E-09	count	1
LIMCH1	-18.2124495	2418.258721	-0.0075	0.994	-5.76E-09	count	1
EBF1	-18.2124495	2418.258721	-0.0075	0.994	-5.76E-09	count	1
SPATA41	-18.2124495	2418.258721	-0.0075	0.994	-5.76E-09	count	1
AD000671.3	-18.2124495	2418.258721	-0.0075	0.994	-5.76E-09	count	1
SDC3	-18.2124495	2418.258721	-0.0075	0.994	-5.76E-09	count	1
AL080317.3	-18.3530367	2036.137805	-0.009	0.993	-5.76E-09	count	1
IGLV6-57	-18.3530367	2036.137805	-0.009	0.993	-5.76E-09	count	1
CYP2E1	-18.3530367	2036.137805	-0.009	0.993	-5.76E-09	count	1
TM4SF18	-18.3530367	2036.137805	-0.009	0.993	-5.76E-09	count	1
AC005537.1	-18.3530367	2036.137805	-0.009	0.993	-5.76E-09	count	1
CADPS2	-18.3530367	2036.137805	-0.009	0.993	-5.76E-09	count	1
SLX1A	-18.3530367	2036.137805	-0.009	0.993	-5.76E-09	count	1
AC114488.3	-18.3530367	2036.137805	-0.009	0.993	-5.76E-09	count	1
FNDC11	-18.5763248	1702.159815	-0.0109	0.991	-5.76E-09	count	1
AGBL5-AS1	-18.2127478	2686.058324	-0.0068	0.995	-5.76E-09	count	1
AP001469.3	-18.2127478	2686.058324	-0.0068	0.995	-5.76E-09	count	1
ICAM5	-18.2127478	2686.058324	-0.0068	0.995	-5.76E-09	count	1

AL157895.1	-18.2127478	2686.058324	-0.0068	0.995	-5.76E-09	count	1
FKBP9	-18.2127478	2686.058324	-0.0068	0.995	-5.76E-09	count	1
SMIM10	-18.2127478	2686.058324	-0.0068	0.995	-5.76E-09	count	1
AL354793.1	-18.2127478	2686.058324	-0.0068	0.995	-5.76E-09	count	1
ATOH8	-18.3532496	2277.229745	-0.0081	0.994	-5.76E-09	count	1
ASIP	-18.3532496	2277.229745	-0.0081	0.994	-5.76E-09	count	1
TTY14	-18.2127478	2686.058324	-0.0068	0.995	-5.76E-09	count	1
FILIP1	-17.8131883	1873.361942	-0.0095	0.992	-5.76E-09	count	1
PVR	-17.8131883	1873.361942	-0.0095	0.992	-5.76E-09	count	1
AC020978.5	-17.8131883	1873.361942	-0.0095	0.992	-5.76E-09	count	1
ARHGAP24	-18.5767769	1931.37411	-0.0096	0.992	-5.76E-09	count	1
L1CAM	-18.5767769	1931.37411	-0.0096	0.992	-5.76E-09	count	1
MMP15	-18.5767769	1931.37411	-0.0096	0.992	-5.76E-09	count	1
RYR2	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
SERPINF2	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
NR6A1	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
SLC7A7	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
ALDH1A2	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
HEATR4	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
TP53I3	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
CD300LF	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
COL27A1	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
LONRF2	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
AC104365.3	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
MFAP3L	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
PCA3	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
MGARP	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
CNKSR3	-17.8137536	2200.288997	-0.0081	0.994	-5.76E-09	count	1
AC074387.1	-18.373109	1885.381631	-0.0097	0.992	-5.76E-09	count	1
FOXB1	-18.5769731	2136.035754	-0.0087	0.993	-5.76E-09	count	1
SRPX	-18.5769731	2136.035754	-0.0087	0.993	-5.76E-09	count	1
NEGR1	-18.3540567	2882.63542	-0.0064	0.995	-5.76E-09	count	1
AL589765.5	-18.3540567	2882.63542	-0.0064	0.995	-5.76E-09	count	1
ST3GAL6-AS1	-18.3540567	2882.63542	-0.0064	0.995	-5.76E-09	count	1
AP006216.1	-18.3540567	2882.63542	-0.0064	0.995	-5.76E-09	count	1
CD177	-18.3540567	2882.63542	-0.0064	0.995	-5.76E-09	count	1
RUNX1T1	-18.5774056	2323.0783	-0.008	0.994	-5.76E-09	count	1
SP5	-18.5774056	2323.0783	-0.008	0.994	-5.76E-09	count	1
FGD2	-18.5774056	2323.0783	-0.008	0.994	-5.76E-09	count	1
AC245128.3	-18.5774056	2323.0783	-0.008	0.994	-5.76E-09	count	1
OSR2	-18.5774056	2323.0783	-0.008	0.994	-5.76E-09	count	1
UHRF1	-18.3730589	2402.816989	-0.0076	0.994	-5.76E-09	count	1
AC007228.2	-18.9141417	1803.672574	-0.0105	0.992	-5.75E-09	count	1
MIR9-3HG	-18.9145078	1961.921733	-0.0096	0.992	-5.75E-09	count	1
ASPN	-18.759992	2036.499989	-0.0092	0.993	-5.75E-09	count	1

FZD1	-18.759992	2036.499989	-0.0092	0.993	-5.75E-09	count	1
GYPE	-18.759992	2036.499989	-0.0092	0.993	-5.75E-09	count	1
TTC24	-18.760166	2200.397782	-0.0085	0.993	-5.75E-09	count	1
LCN6	-18.760166	2200.397782	-0.0085	0.993	-5.75E-09	count	1
MAGI1	-18.760166	2200.397782	-0.0085	0.993	-5.75E-09	count	1
FGF17	-18.5777157	2657.635064	-0.007	0.994	-5.75E-09	count	1
SLCO2B1	-19.0483165	1903.883074	-0.01	0.992	-5.75E-09	count	1
IGHGP	-19.0483165	1903.883074	-0.01	0.992	-5.75E-09	count	1
CD276	-19.0483165	1903.883074	-0.01	0.992	-5.75E-09	count	1
APBB2	-18.7607141	2496.509206	-0.0075	0.994	-5.75E-09	count	1
AC015726.1	-18.0321796	1851.019927	-0.0097	0.992	-5.75E-09	count	1
FAM114A1	-18.0321796	1851.019927	-0.0097	0.992	-5.75E-09	count	1
ACAN	-18.7608222	2631.992379	-0.0071	0.994	-5.75E-09	count	1
AL009178.2	-18.5785034	3224.984872	-0.0058	0.995	-5.75E-09	count	1
AC121338.1	-18.9152611	2496.532102	-0.0076	0.994	-5.75E-09	count	1
SNRK-AS1	-18.032813	2072.349009	-0.0087	0.993	-5.75E-09	count	1
RIPOR3	-18.032813	2072.349009	-0.0087	0.993	-5.75E-09	count	1
AC007292.2	-18.032813	2072.349009	-0.0087	0.993	-5.75E-09	count	1
MILR1	-18.032813	2072.349009	-0.0087	0.993	-5.75E-09	count	1
SPRY3	-18.7611667	3002.156598	-0.0062	0.995	-5.75E-09	count	1
AC022113.2	-18.0336783	2456.057215	-0.0073	0.994	-5.75E-09	count	1
KIF18B	-18.0336783	2456.057215	-0.0073	0.994	-5.75E-09	count	1
UNC5B	-18.0336783	2456.057215	-0.0073	0.994	-5.75E-09	count	1
SASH1	-18.0336783	2456.057215	-0.0073	0.994	-5.75E-09	count	1
NARF-AS1	-18.0336783	2456.057215	-0.0073	0.994	-5.75E-09	count	1
FBLN2	-18.2091053	2000.152124	-0.0091	0.993	-5.74E-09	count	1
ZBTB47	-18.2097215	2154.330998	-0.0085	0.993	-5.74E-09	count	1
YAP1	-18.2097215	2154.330998	-0.0085	0.993	-5.74E-09	count	1
KIZ-AS1	-18.2099861	2297.957171	-0.0079	0.994	-5.74E-09	count	1
CCDC74B	-18.2099861	2297.957171	-0.0079	0.994	-5.74E-09	count	1
AL355353.1	-18.2099861	2297.957171	-0.0079	0.994	-5.74E-09	count	1
ABI3BP	-17.9016609	1213.712808	-0.0147	0.988	-5.73E-09	count	1
TNFRSF21	-17.9016609	1213.712808	-0.0147	0.988	-5.73E-09	count	1
AC084824.5	-17.9028429	1524.22103	-0.0117	0.991	-5.72E-09	count	1
AC232271.1	-17.9028429	1524.22103	-0.0117	0.991	-5.72E-09	count	1
ATP8B1	-17.9028429	1524.22103	-0.0117	0.991	-5.72E-09	count	1
AL590666.3	-17.6801449	2058.162211	-0.0086	0.993	-5.72E-09	count	1
Z95114.2	-17.6801449	2058.162211	-0.0086	0.993	-5.72E-09	count	1
INHBA	-18.0864121	1453.205354	-0.0124	0.99	-5.72E-09	count	1
PEAR1	-17.9041992	1897.562515	-0.0094	0.992	-5.72E-09	count	1
SLC3A1	-17.9041992	1897.562515	-0.0094	0.992	-5.72E-09	count	1
PLA2G4B	-17.9041992	1897.562515	-0.0094	0.992	-5.72E-09	count	1
LRRC6	-18.3754311	1452.81491	-0.0126	0.99	-5.72E-09	count	1
ADARB2	-18.4946658	1644.174543	-0.0112	0.991	-5.72E-09	count	1
AC009950.1	-18.4946658	1644.174543	-0.0112	0.991	-5.72E-09	count	1

AC005697.2	-18.0898779	2526.108386	-0.0072	0.994	-5.72E-09	count	1
AC120349.1	-18.0898779	2526.108386	-0.0072	0.994	-5.72E-09	count	1
SLC4A11	-0.6105498	1.1014154	-0.5543	0.579	-5.66E-09	count	1
AL161756.1	-0.6105498	1.1060342	-0.552	0.581	-5.66E-09	count	1
AL080250.1	-0.6105498	1.1014154	-0.5543	0.579	-5.66E-09	count	1
ERG	-0.6105498	1.1014154	-0.5543	0.579	-5.66E-09	count	1
PRR19	-0.6105498	1.1014154	-0.5543	0.579	-5.66E-09	count	1
F3	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
PLA2R1	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
AC135050.1	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
AL590723.1	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
FMNL2	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
AC025287.3	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
LYNX1	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
PCDHB2	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
AL021707.1	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
EXOC3L1	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
AL590006.1	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
ADCY2	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
AC006213.1	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
TTC28	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
AC130650.2	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
TRAV24	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
SLC8A1	-0.6105498	1.3598878	-0.449	0.653	-5.66E-09	count	1
IGLV3-1	-0.5849336	0.8675813	-0.6742	0.5	-5.46E-09	count	1
AP002026.1	-0.5849336	0.6309888	-0.927	0.354	-5.46E-09	count	1
HLA-DQB2	-0.5849336	0.6309888	-0.927	0.354	-5.46E-09	count	1
ZNF233	-0.5849336	0.78031	-0.7496	0.454	-5.46E-09	count	1
ARAP3	-0.1896173	0.8302114	-0.2284	0.819	-5.37E-09	count	1
IFNLR1	-0.1896173	0.7550076	-0.2511	0.802	-5.37E-09	count	1
PFKFB2	-0.185544	1.0995875	-0.1687	0.866	-5.26E-09	count	1
AL137786.1	-0.185544	1.1604428	-0.1599	0.873	-5.26E-09	count	1
SH3RF3	-0.185544	1.1604428	-0.1599	0.873	-5.26E-09	count	1
AC124068.2	-0.185544	0.8237639	-0.2252	0.822	-5.26E-09	count	1
CDCA5	-0.185544	1.1102593	-0.1671	0.867	-5.26E-09	count	1
DRC3	-0.185544	0.8408775	-0.2207	0.825	-5.26E-09	count	1
CBX2	-0.185544	1.2734587	-0.1457	0.884	-5.26E-09	count	1
SHISA8	-0.185544	0.9190265	-0.2019	0.84	-5.26E-09	count	1
TTC21A	-0.185544	0.734891	-0.2525	0.801	-5.26E-09	count	1
FAM69B	-0.185544	1.2734587	-0.1457	0.884	-5.26E-09	count	1
C7orf25	-0.185544	0.9033946	-0.2054	0.837	-5.26E-09	count	1
AC108673.2	-0.185544	1.0330059	-0.1796	0.857	-5.26E-09	count	1
C9orf64	-0.0612581	0.4061425	-0.1508	0.88	-4.87E-09	count	1
TONSL	-0.1682569	0.6533957	-0.2575	0.797	-4.79E-09	count	1
TP53TG3D	-0.4910789	0.5852325	-0.8391	0.401	-4.71E-09	count	1

P4HA3	-0.4910789	0.5197569	-0.9448	0.345	-4.71E-09	count	1
AC004069.1	-0.4795731	0.8263844	-0.5803	0.562	-4.61E-09	count	1
SDC1	-0.4795731	0.9096845	-0.5272	0.598	-4.61E-09	count	1
CLEC18A	-0.4795731	0.9096845	-0.5272	0.598	-4.61E-09	count	1
AL360270.3	-0.4795731	0.7706605	-0.6223	0.534	-4.61E-09	count	1
AC008736.1	-0.4795731	0.7706605	-0.6223	0.534	-4.61E-09	count	1
GATA2	-0.4795731	0.7706605	-0.6223	0.534	-4.61E-09	count	1
POF1B	-0.4795731	0.7706605	-0.6223	0.534	-4.61E-09	count	1
CHGB	-0.4795731	0.7706605	-0.6223	0.534	-4.61E-09	count	1
AC006547.3	-0.4795731	0.9397589	-0.5103	0.61	-4.61E-09	count	1
B9D1	-0.1525153	0.8552998	-0.1783	0.858	-4.36E-09	count	1
SLC5A5	-0.1525153	0.7861664	-0.194	0.846	-4.36E-09	count	1
MST1	-0.4430939	1.1754776	-0.3769	0.706	-4.31E-09	count	1
LINC02539	-0.4430939	1.1754776	-0.3769	0.706	-4.31E-09	count	1
AC011491.3	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
ALDH4A1	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
AC079610.2	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
LINC01715	-0.4430939	1.1754776	-0.3769	0.706	-4.31E-09	count	1
GPX8	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
AP006623.1	-0.4430939	1.1754776	-0.3769	0.706	-4.31E-09	count	1
AC138969.1	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
AL512306.3	-0.4430939	1.1754776	-0.3769	0.706	-4.31E-09	count	1
AC018638.7	-0.4430939	1.1754776	-0.3769	0.706	-4.31E-09	count	1
SMTN	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
AC025175.1	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
ADM5	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
AL160269.1	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
PDGFRA	-0.4430939	1.1754776	-0.3769	0.706	-4.31E-09	count	1
AC008264.2	-0.4430939	1.1754776	-0.3769	0.706	-4.31E-09	count	1
AC036108.3	-0.4430939	1.0506422	-0.4217	0.673	-4.31E-09	count	1
CSF3	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
GTF2H4	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
AC091057.6	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
AL031963.1	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
PCDH1	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
LINC01730	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
CACNB2	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
AL021707.5	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
WWC2-AS2	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
PKN2-AS1	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
AC087473.1	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
LINC00266-1	-0.4430939	1.3125729	-0.3376	0.736	-4.31E-09	count	1
CPLX1	-0.0502757	0.5575578	-0.0902	0.928	-4.01E-09	count	1
KCTD21-AS1	-0.0502757	0.4689364	-0.1072	0.915	-4.01E-09	count	1
AL358072.1	-0.1346285	0.8323561	-0.1617	0.872	-3.87E-09	count	1

TRBV6-2	-0.1346285	0.6643892	-0.2026	0.839	-3.87E-09	count	1
TXNRD3	-0.36179	0.7064761	-0.5121	0.609	-3.59E-09	count	1
FAM171B	-0.36179	0.6245729	-0.5793	0.562	-3.59E-09	count	1
C11orf95	-0.36179	0.6826521	-0.53	0.596	-3.59E-09	count	1
SLC17A3	-0.36179	0.806817	-0.4484	0.654	-3.59E-09	count	1
AC108463.3	-1.184226	0.6225446	-1.9022	0.0572	-3.42E-09	count	1
ZBTB20-AS4	-1.184226	0.734414	-1.6125	0.107	-3.42E-09	count	1
AL513550.1	-0.0390453	0.8162874	-0.0478	0.962	-3.13E-09	count	1
IGFL2	-0.2972515	0.7245871	-0.4102	0.682	-3.01E-09	count	1
ADCY4	-0.9610825	0.6510332	-1.4762	0.14	-2.96E-09	count	1
RAB3IL1	-0.9610825	0.7229618	-1.3294	0.184	-2.96E-09	count	1
ZNF492	-0.9610825	0.9581188	-1.0031	0.316	-2.96E-09	count	1
AP001267.2	-0.2679353	0.5674473	-0.4722	0.637	-2.73E-09	count	1
EDC4	-0.0331477	0.6803382	-0.0487	0.961	-2.66E-09	count	1
AC084116.3	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
AC001226.2	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
CYP7B1	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
AC011773.4	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
ATP8B4	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
AC138627.1	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
MATN2	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
AC009318.1	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
GJC1	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
AC004846.1	-0.7672552	0.8997938	-0.8527	0.394	-2.50E-09	count	1
AC138150.2	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
AL354872.2	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
FBXL13	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
IL3RA	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
AL928970.1	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
TMEM86A	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
MTRNR2L1	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
PRKCZ-AS1	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
LINC01144	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
AC093277.1	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
AC018754.1	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
KCNQ3	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
AC130324.1	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
FOXP4-AS1	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
CLEC2L	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
AC096711.1	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
PCDHGB6	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
TSPAN6	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
SLC7A2	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
AC138466.1	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1
FST	-0.7672552	1.0954854	-0.7004	0.484	-2.50E-09	count	1

RBFOX2	-0.0831921	0.8310214	-0.1001	0.92	-2.42E-09	count	1
ZNF343	-0.0831921	0.8310214	-0.1001	0.92	-2.42E-09	count	1
LARGE2	-0.0831921	0.8740429	-0.0952	0.924	-2.42E-09	count	1
LRRC39	-0.0831921	1.0051464	-0.0828	0.934	-2.42E-09	count	1
L1TD1	-0.0831921	0.8740429	-0.0952	0.924	-2.42E-09	count	1
GREM2	-0.0294059	0.5110511	-0.0575	0.954	-2.36E-09	count	1
AC011481.2	-0.0805019	1.1059694	-0.0728	0.942	-2.34E-09	count	1
SCNN1A	-0.0805019	0.8702319	-0.0925	0.926	-2.34E-09	count	1
SAG	-0.0805019	0.8666092	-0.0929	0.926	-2.34E-09	count	1
EDRF1-AS1	-0.0805019	1.1718699	-0.0687	0.945	-2.34E-09	count	1
AL049840.2	-0.0805019	0.7426832	-0.1084	0.914	-2.34E-09	count	1
AC007014.1	-0.0805019	0.8188497	-0.0983	0.922	-2.34E-09	count	1
FAM153A	-0.028251	0.6168378	-0.0458	0.963	-2.27E-09	count	1
ALDH8A1	-0.6734004	0.8767825	-0.768	0.443	-2.26E-09	count	1
AL671710.1	-0.6734004	0.8767825	-0.768	0.443	-2.26E-09	count	1
BAIAP3	-0.074108	0.653089	-0.1135	0.91	-2.16E-09	count	1
CRISPLD2	-0.074108	0.6229607	-0.119	0.905	-2.16E-09	count	1
AMPD1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
FIGN	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC026785.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ZAN	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
FJX1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TMPRSS4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL731571.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
GLDN	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HSF5	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
NPB	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ASAP3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
OPRD1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ADGRB2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PPM1J	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL137856.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HIST2H3D	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC097468.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC073052.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01967	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CADPS	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HAPLN1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC00992	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
KIF20A	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01556	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
Z98200.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
NYAP1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
FAM66D	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL162412.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1

SHANK2-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CMA1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
IGHV1-46	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CLDN9	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC026401.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC092119.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SPIRE2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CCDC40	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ADCYAP1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL022238.4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL109917.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TNFRSF8	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SLC25A34-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
MATN1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01389	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01781	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01675	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL357793.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC092809.4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL732292.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC010729.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CDKL4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC016722.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC096558.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC053503.5	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
COL4A4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC078795.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
KCNMB2-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CNGA1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC083829.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TRIML2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC008957.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
OSMR	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
GHR	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ABLIM3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AFAP1L1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ZBED9	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
DNAH8	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL355297.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PKD1L1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC092634.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CCL26	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TSPAN12	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ATP6V1FNB	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PIR	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1

SVEP1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
STKLD1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CEND1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TRIM6	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ST5	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC010768.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC024475.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TCN1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AP003733.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
BATF2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SNX15	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
OVOL1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AP000763.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
APOC3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AKR1E2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AKR1C2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC005840.4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
NANOGB	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
A2ML1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC02397	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC02249	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC023034.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC003965.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC106782.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC010547.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC092718.6	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC100788.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01909	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC018413.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
MYH7B	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CSNK1G2-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC020917.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TEAD2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
RPS4Y2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC007326.4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL035681.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HES5	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
DNALI1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
MTMR11	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL513329.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
KIAA1614-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
NEK2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
KLHL29	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
IGKV1-16	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC011893.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1

AC019186.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
DLX1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
RUFY4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC02033	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HHLA2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC112503.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
NME9	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC114947.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL121936.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PSORS1C1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HOXA5	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
JAZF1-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC018647.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC003991.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TRBV7-1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PRSS2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SYTL4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
GRIA3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PNOC	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AP000424.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL583785.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL158071.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL589843.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PTGS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AP001528.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AP000880.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CYP2C8	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PTHLH	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
BCDIN3D-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CFAP73	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01198	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TRAV26-2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
IGHV1-17	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC025580.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC087477.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CACNA1H	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC106820.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
NPIPA2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PDF	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HES7	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
DNAH17	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
DSC2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HSPA12B	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SNAP25	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL390198.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1

AC093227.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
RIMBP3C	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
Z83844.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AGRN	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PLA2G2D	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
DCDC2B	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TMEM125	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
GPR61	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01691	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL355388.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
FCRLA	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC00582	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ARHGEF33	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
IGKV1D-43	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC092587.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC091488.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
OBSL1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01238	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC00691	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
VIPR1-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CDC25A	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC012467.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PRICKLE2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
BOC	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01972	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ADGRA3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
BANK1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PCDHGA3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PCDHGA7	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC136604.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
FOXQ1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL158198.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
C2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
COL11A2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL157823.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
IL17A	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
C6orf163	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SLC22A3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01372	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC093726.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
RHOXF1-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC120193.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC067817.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC022182.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PREX2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1

AC022973.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
MAMDC2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
DAPK1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ECM2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL158152.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TEX48	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PLPP7	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LYVE1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CREB3L1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC00619	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
RAPGEF3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TROAP	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC069234.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HPD	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL512506.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
RUBCNL	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
FARP1-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SMOC1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
OTUB2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
IGHV3-23	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
STRC	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CCNB2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PAQR5	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
DNM1P35	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC090181.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CRABP1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
TICRR	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
Z97986.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
PMFBP1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
LINC01229	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC138028.4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
NXN	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC004706.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
MIR497HG	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
BCL6B	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC007952.7	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SLC4A1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC015909.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ABCC3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
MPO	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SCN4A	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC087741.2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
DSG2	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC090229.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC118757.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1

FAM182B	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
ITCH-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AL035420.3	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SOGA1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SMIM24	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
RAVER1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
C19orf67	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
UPK1A	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
AC074138.1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
IL11	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
HDHD5-AS1	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
IGLV3-27	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
IGLV2-11	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
RASL10A	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
RIPK4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CORIN	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CLTRN	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SLX1B	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
CADM4	-17.9629662	2370.639356	-0.0076	0.994	-2.13E-09	count	1
SLC29A4	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
SLC52A1	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
HTRA3	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
PPP1R26	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
AC026740.1	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
AC007383.3	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
TG	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
CLEC4E	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
AL136368.1	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
CCL13	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
CLC	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
AC135178.2	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
PTGER3	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
ST7-AS1	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
CD33	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
BX004987.1	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
U62317.5	-18.6571555	2370.531453	-0.0079	0.994	-2.12E-09	count	1
AL133383.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
MEIS1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
RSPO3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ILDNR2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL031731.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LGI2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
PAR3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC034102.8	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
REM1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1

ERICH3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL160272.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC02312	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL583722.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC092338.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
VSTM1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
PRODH	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
SUSD2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC01119	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CSRNP3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC093895.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC02362	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ASB11	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ZFPM2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TRDV3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC025287.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC090617.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
IGLV7-46	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
SAMD11	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
IGSF21	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL020998.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
SFN	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC009226.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
MYH15	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC068631.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
BEND4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HAND2-AS1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ADAM29	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
STOX2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC035140.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC123595.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC008467.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
COL21A1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL589666.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
RAET1G	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TRGV1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC004835.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
GLUD2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC019257.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC084082.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
BX649632.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AP001001.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TTC36	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
SKIDA1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC00866	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1

AC007406.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TSPAN11	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
MAB21L1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC00598	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TRIM9	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
SYNJ2BP-COX16	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ACOT1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
IGHV3-41	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HDC	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC066613.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CGNL1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
NOX5	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC004233.4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
INCA1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC002091.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
C17orf99	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AP000919.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LAMP5	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
DOK5	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AMH	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ZNF878	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
KLF1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
COMP	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
GALR3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
FCN3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC005014.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
C9orf170	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL359091.4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ACVRL1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC02280	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC013553.4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
P2RX1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
NOTUM	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TIE1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL162430.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TCF7L1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ASTL	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC096649.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
FBXL2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TGM4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LRRC66	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HAND2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC00461	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
FBLL1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL356234.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1

OCM	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
PGAM2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ZNF727	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
IQUB	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
MID1IP1-AS1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HEPH	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TCEAL7	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AF131215.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
MBOAT4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC027702.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
FOXH1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
C9orf84	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL606469.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
COL17A1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CLEC9A	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
PTPRR	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
GAS2L3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC090617.5	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC093484.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC015911.6	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ZNF334	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC005775.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC008764.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
APLP1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC005393.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC020909.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
OGFRP1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
NEXN-AS1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
OLFML3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
KCNT2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL592402.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
PROX1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LYPLAL1-DT	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TMEM178A	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC01888	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC107027.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
NKX6-1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LRRTM2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
MEOX2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
FAM167A	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
MYO1A	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
EDNRB	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL358333.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC010809.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC240565.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1

CEP295NL	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC090377.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL023803.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ZNF491	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
FAM3D	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HMHB1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC007029.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
MXRA5	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CPA6	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CA3-AS1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CLEC4D	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC131238.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TRPC4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CLMN	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ITGAD	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC005358.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ARHGEF18	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HPN	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL109811.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
SMPDL3B	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC007681.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HAGLROS	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
OOEP	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ZFP92	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC023509.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL138820.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC012173.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC01660	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HSF2BP	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TAS1R3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CYP2J2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC01106	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC010680.5	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC022001.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CDHR4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC109779.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC107214.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC091965.4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL136307.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL008729.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC004540.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
KCND2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TRBV23-1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
IDO1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AP000424.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1

AC090587.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
MYBPC3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
PROSER2-AS1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL161935.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL132657.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
ELOVL3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC078777.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC124947.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
GAS6-DT	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC016705.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
TNFRSF17	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC133555.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
GPT2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CCL17	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
KRT14	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL035541.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
SLC25A41	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC011477.4	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
LINC00960	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL133264.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CDK14	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CXorf36	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
DLG3-AS1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AL139384.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
OR11G2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AF127577.3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HIST2H2AA3	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC108062.1	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
HCG14	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
AC002310.2	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CCDC153	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
FKBP10	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
KIF14	-18.6577407	3355.31924	-0.0056	0.996	-2.12E-09	count	1
CTAGE6	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AC073657.1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AL139424.3	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
ALS2CL	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
SEZ6	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AC005899.5	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AC061992.1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AC011455.1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AL117350.1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
KCNJ3	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AC026979.3	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
PLBD1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1

JUP	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AC011471.2	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
KLB	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
PDE3A	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AC089984.1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AL356019.2	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
PITPNM3	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AP001059.2	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AL031728.1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AL391335.1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
MYOZ2	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
RNF180	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AC027575.2	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AL034417.3	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AL355816.1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
LINC01031	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
C2orf27B	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
LINC01088	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
C1QTNF2	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AL355312.2	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
MEDAG	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
DLEU7-AS1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
AP000317.1	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
DLGAP2	-17.980269	1689.39115	-0.0106	0.992	-2.11E-09	count	1
SHE	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AL391422.3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
EMX2OS	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC01133	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC087623.4	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC01505	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
NOX4	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
BCL2L2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AL035461.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
CYP4X1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AL139147.1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC243772.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC104463.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
ST6GAL2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC009948.3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC078785.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC080013.6	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
SOX2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
ADGRL3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AP001330.5	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC233992.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1

DMRT2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
FRMD3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
STPG3-AS1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
CCDC73	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
GPC6	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
SLC25A21	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
MNS1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC01273	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
TULP2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC006946.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AP000345.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
JAM2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
SLC2A5	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AKR7A3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
FLG-AS1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
OSBPL10-AS1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LRRC70	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
VIP	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
SEMA3D	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
PIWIL2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AL162586.1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
TMEM254-AS1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC00857	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LMO3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC025031.4	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC012435.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC01197	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AOC3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC015802.4	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AP005899.1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC008752.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
FUT2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC01725	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
POTEE	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC00607	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
DENND6A-AS1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
ADCY1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
KCND1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
PCAT7	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
VAV2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
CD44-AS1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LDB3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
SLC16A12	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC02455	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC127164.1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1

AC117503.1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC004817.4	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC02185	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
IL34	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
HIGD1B	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC145207.3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AP001496.1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC012615.2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
C2orf50	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
C4orf36	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LIFR	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC007349.3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
NRG1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC006581.1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LINC00943	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
EPHA3	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AL023583.1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
FZD4	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
SMIM35	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
TMEM52B	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
SLC10A1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
CPAMD8	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
FOXRED2	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LAMC1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
LCT	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
WNT5B	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
AC078778.1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
KCTD1	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
RBP4	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
ZNF713	-17.9813226	2392.651737	-0.0075	0.994	-2.11E-09	count	1
SRC	-18.3873838	1689.204272	-0.0109	0.991	-2.11E-09	count	1
C1QTNF7	-18.3873838	1689.204272	-0.0109	0.991	-2.11E-09	count	1
LINC00562	-18.3873838	1689.204272	-0.0109	0.991	-2.11E-09	count	1
CACHD1	-18.3873838	1689.204272	-0.0109	0.991	-2.11E-09	count	1
LINC02021	-18.3873838	1689.204272	-0.0109	0.991	-2.11E-09	count	1
B4GALT6	-18.3873838	1689.204272	-0.0109	0.991	-2.11E-09	count	1
ARHGEF10	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
AC008676.1	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
TLR7	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
LINC00102	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
MFAP2	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
PRUNE2	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
LINC00884	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
AP001350.1	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
AC018845.3	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1

KDM4A-AS1	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
EXTL3-AS1	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
TEX12	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
PCDHGA6	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
AC097359.3	-18.3883671	2184.275888	-0.0084	0.993	-2.11E-09	count	1
SLIT3	-18.6764713	1688.808225	-0.0111	0.991	-2.11E-09	count	1
WISP2	-18.6773866	2071.892659	-0.009	0.993	-2.11E-09	count	1
GJA5	-18.6773866	2071.892659	-0.009	0.993	-2.11E-09	count	1
PARD6G-AS1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AL158211.4	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC079174.2	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
SIX1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
CDH19	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
SLC22A15	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC079089.1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC004264.1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
RANBP17	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
CREB5	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
UBE2C	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC021092.1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
SLC26A4	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
LINC02388	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
EME1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
ZNRF3-AS1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
HJURP	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
DEPTOR	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AL161725.1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC015674.1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AL136172.1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
LURAP1L	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
SFTPD	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
FGFR2	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC006449.3	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
ADRA2C	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
LRAT	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC026725.1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
PCOLCE-AS1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC079329.1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AL683807.2	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC133550.1	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
MAOB	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
TEK	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
AC245052.4	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
GPX2	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1
FAM177B	-18.3897451	2934.724354	-0.0063	0.995	-2.11E-09	count	1

ASB15	-18.6786664	2679.184142	-0.007	0.994	-2.11E-09	count	1
CNN1	-18.6786664	2679.184142	-0.007	0.994	-2.11E-09	count	1
AL158212.2	-18.6786664	2679.184142	-0.007	0.994	-2.11E-09	count	1
UBE2L5	-18.6786664	2679.184142	-0.007	0.994	-2.11E-09	count	1
TIGD2	-0.0240226	0.5739428	-0.0419	0.967	-1.93E-09	count	1
SRSF12	-0.2679353	0.6252208	-0.4285	0.668	-1.00E-09	count	1
BMP8B	-0.2679353	0.6252208	-0.4285	0.668	-1.00E-09	count	1
AC116096.1	-0.2679353	0.6252208	-0.4285	0.668	-1.00E-09	count	1
ITIH4	-0.2679353	0.6252208	-0.4285	0.668	-1.00E-09	count	1
AC008079.2	-0.2679353	0.4413479	-0.6071	0.544	-1.00E-09	count	1
SKA1	-0.2679353	0.7925224	-0.3381	0.735	-1.00E-09	count	1
BTBD3	-0.2679353	0.7925224	-0.3381	0.735	-1.00E-09	count	1
FAM227A	-0.2679353	0.7925224	-0.3381	0.735	-1.00E-09	count	1
AL365255.1	-0.2679353	0.7925224	-0.3381	0.735	-1.00E-09	count	1
STK33	-0.2679353	0.7925224	-0.3381	0.735	-1.00E-09	count	1
SLC49A3	-0.074108	0.7742925	-0.0957	0.924	-7.95E-10	count	1
DDIT4L	-0.074108	0.7742925	-0.0957	0.924	-7.95E-10	count	1
AC008014.1	-0.074108	0.7742925	-0.0957	0.924	-7.95E-10	count	1
CLNK	-0.074108	0.9054214	-0.0818	0.935	-7.95E-10	count	1
IL21-AS1	-0.074108	0.9054214	-0.0818	0.935	-7.95E-10	count	1
SH2B2	-0.074108	0.9054214	-0.0818	0.935	-7.95E-10	count	1
IGHV1-69-2	-0.074108	0.9054214	-0.0818	0.935	-7.95E-10	count	1
KCNJ14	-0.074108	0.9054214	-0.0818	0.935	-7.95E-10	count	1
IRS1	-0.074108	0.6358452	-0.1166	0.907	-7.95E-10	count	1
LINC02166	-0.074108	0.8942955	-0.0829	0.934	-7.95E-10	count	1
ADD2	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AC109587.1	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
SLC26A5	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AC092681.3	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
MCMD2	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AL133415.1	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
NTF3	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
CLYBL-AS1	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AC007220.1	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AC135782.3	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AC005696.1	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
FBXO15	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AC011451.1	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
SYT5	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AP001347.1	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
CHODL	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AC036214.3	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
AC092718.1	-0.074108	1.0392758	-0.0713	0.943	-7.95E-10	count	1
PRTFDC1	-0.074108	0.7344781	-0.1009	0.92	-7.95E-10	count	1
KNDC1	-0.074108	0.7344781	-0.1009	0.92	-7.95E-10	count	1

ADAMTSL3	-0.074108	0.7344781	-0.1009	0.92	-7.95E-10	count	1
SERHL2	-0.074108	0.7344781	-0.1009	0.92	-7.95E-10	count	1
LINC01801	-0.074108	0.7310624	-0.1014	0.919	-7.95E-10	count	1
AL359921.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC093788.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LRRC4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ADGRG2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL157935.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL590226.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
VWCE	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC078962.3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC079315.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TAL1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL356356.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC013726.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SAMMSON	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
EDA2R	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LRRC19	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
KIF24	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LPAR1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PMEL	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ATP11A-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FAM71D	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NPIPA8	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LGALS9B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
HSPB9	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SP6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC01638	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RIBC2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL031283.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FNDC5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL606760.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
HIST2H4A	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL450992.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FCRL2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL138899.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
VANGL2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ELF3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
C1orf229	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CYS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC013403.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC010680.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC01857	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CCR3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TMIE	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1

AC117394.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NLGN1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
KLHL6-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CC2D2A	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LRIT3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SLC45A2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PART1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC008522.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
C5orf66	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PCDHB4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SLC25A2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FGFR4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC008443.4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
HIST1H3E	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL136304.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL137784.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SOBP	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ULBP1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC00574	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RSPH10B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
HOXA2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
GLI3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FAM71F2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ARHGAP6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PCDH11X	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TAF7L	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC01285	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PNMA6A	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AF106564.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC087627.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CHMP4C	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC084116.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FAM225B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
MS4A2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
KCNJ5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FZD8	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PPP1R3C	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SFRP5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
DOCK1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL354950.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NRIP2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC006207.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FGF23	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC083806.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PLA2G1B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1

LMO7-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
DZIP1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ARHGFE7-AS2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CYP46A1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
MKRN3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC091057.3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
DLL4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC021739.5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CD19	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ZNF629	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC01227	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FBXO39	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NTN1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC015813.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC145343.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ZACN	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
C1QTNF1-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC007998.4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL109935.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL133230.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC011498.4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NANOS3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC022148.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
GRIK5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ZNF112	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CEACAM19	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC020909.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TMEM240	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PRDM16	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL109936.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC099062.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TMEM56	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FP700111.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
OR2L2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC013472.3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC108058.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC016717.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ACVR2B-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
COL7A1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
IGSF11	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ALDH1L1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PTX3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC078795.3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LIPH	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC02513	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1

AC091891.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NPR3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC114956.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
MEIKIN	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL133351.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL353597.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CALHM5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
MACC1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AMPH	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NUPR2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC004990.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TRBV4-1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
KLHL34	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SMIM10L2B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AF131216.5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC087362.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC090739.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC103843.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC107952.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC016877.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
POU5F1B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
DMRTA1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINGO2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
C9orf106	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AP006333.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AP003119.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SLN	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
BARX2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL137145.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL731563.3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC02367	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC008115.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ART4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC046130.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC025165.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC078962.4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC079907.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CCDC62	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RFLNA	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
GRTP1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NFATC4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AF107885.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
IGHV3-29	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
GREM1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LIPC	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1

AC118658.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC009034.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SULT1A2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC009097.4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ZMYND15	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ASGR2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RNF222	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TMEM220-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CCDC144NL-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC084809.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC243830.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC00511	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC021683.3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC021683.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC145207.6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC00683	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SIGLEC1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LAMA5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC011477.3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RHPN2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
WDR62	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC092301.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC006115.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PLA2G5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CSMD2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
COL8A2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TTC39A-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NPR1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
DCST1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CD1D	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ANGPTL1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PLA2G4A	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RAB7B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
GDF7	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
BCL11A	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC007040.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC114730.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
MITF	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
COL6A6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC072039.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
MELTF-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SPATA18	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RASL11B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC020741.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
HHIP	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1

SH3RF1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
C6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC008875.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
MAST4-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC010501.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ZBED3-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FAM151B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC116366.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC135457.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PCDHB11	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PCDHGA9	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SPINK5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SGCD	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CCNJL	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC008443.6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
C6orf201	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
DCDC2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
HCG15	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
COL12A1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
GVQW2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL031056.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LRRD1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
GPR22	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
DOCK4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC073320.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AKR1B10	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ARSD-AS1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SRPX2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FAM86B2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC013643.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC064807.4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC104958.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CAVIN4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC136475.8	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PRR33	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
BDNF	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PAX6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL138921.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL121929.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SPX	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC009318.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RDH16	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
IGF1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SVOP	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ZFHX2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1

TGM1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL359317.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PTPN21	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC00637	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
GPR176	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SEMA6D	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RASL12	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
IGDCC3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC009690.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC027020.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ALDH1A3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC023024.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AJ003147.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TBX6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC027682.5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CDH3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC009148.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC00304	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RAPGEFL1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CNTNAP1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NPTX1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC132938.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AP005329.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL031666.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CCDC151	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC002398.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
KLC3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NOVA2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PNMA8B	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CRX	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SPIB	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC008750.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LILRA4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
COX6B2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SHANK3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AF127577.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CTRC	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CYP4B1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PODN	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
KIAA1614	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
VASH2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
MYT1L	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC006030.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TRPM8	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC022001.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1

PDZRN3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC110491.3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
OR5H14	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC01618	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SGMS2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LINC02060	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PPT2-EGFL8	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SCUBE3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC093627.6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
DNAH11	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC074183.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
DLX5	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PLXNA4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
FAM9C	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC011008.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
PURG	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
HEY1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
LY6K	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
NALT1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CFAP300	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
VENTX	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
U47924.3	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CLEC4C	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ENDOU	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RNASE2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL355922.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
TRAV35	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AKAP6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC005480.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
SLC24A4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
MYZAP	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC084855.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RHBDF1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC009065.8	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC092140.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
RTN4RL1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC024267.6	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC015795.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AP000919.4	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL031673.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC008555.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
ZNF135	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AL022328.2	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
AC106900.1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
UNC5C	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1

MYOCD	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
EMID1	-18.2852655	2785.350449	-0.0066	0.995	-7.76E-10	count	1
CACNA1C	-0.0230123	0.8241214	-0.0279	0.978	-6.80E-10	count	1
AL035563.1	-0.0079055	0.5755606	-0.0137	0.989	-6.38E-10	count	1
RAPH1	-0.0036738	0.6207583	-0.0059	0.995	-2.97E-10	count	1
BX293535.1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
PROC	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
CLEC3B	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AC104078.1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AL138831.2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AL109914.1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
ZNF391	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AC007938.2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
EFHC2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
RUSC2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
USP2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
GLB1L3	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
INA	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
GPR84	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
LINC02341	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
TRAV2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AC068831.1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
LDHD	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
FOXL1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AOC2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
LINC01841	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
ZNF418	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
TCP10L	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
PIK3CD-AS2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
GIPC2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
KCNS3	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AC104184.1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
FKBP6	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
STRIP2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AC115618.1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
KBTBD11-OT1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
DLC1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
HSPA12A	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
FAM30A	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
GLIS2	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AC024267.4	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
MEIOC	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
LINC02073	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
RNFT1-DT	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
AC144831.1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1

AL031670.1	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
TINCR	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
LGI4	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
SPACA6P-AS	-0.074108	1.0392758	-0.0713	0.943	-2.93E-10	count	1
TNC	-0.0079055	0.9894921	-0.008	0.994	-2.35E-10	count	1
ARF4-AS1	0.0023313	0.4357649	0.0053	0.996	1.89E-10	count	1
AC107375.1	0.0081604	0.8266071	0.0099	0.992	2.43E-10	count	1
CATSPERB	0.0081604	0.9106566	0.009	0.993	2.43E-10	count	1
PRKN	0.0081604	0.7337915	0.0111	0.991	2.43E-10	count	1
FBXL19-AS1	0.0081604	0.9106566	0.009	0.993	2.43E-10	count	1
AC092490.1	0.0081604	0.9863762	0.0083	0.993	2.43E-10	count	1
NR5A2	0.024767	0.8389414	0.0295	0.976	7.41E-10	count	1
SRCAP	0.0133323	0.4743075	0.0281	0.978	1.08E-09	count	1
LLGL1	0.0163586	0.4935472	0.0331	0.974	1.33E-09	count	1
AL162431.2	0.0497532	1.080724	0.046	0.963	1.50E-09	count	1
AASS	0.0497532	1.080724	0.046	0.963	1.50E-09	count	1
SCARF2	0.0497532	0.7661095	0.0649	0.948	1.50E-09	count	1
LRRC24	0.0497532	0.9010418	0.0552	0.956	1.50E-09	count	1
ANKRD22	0.0497532	1.080724	0.046	0.963	1.50E-09	count	1
TYRO3	0.0497532	1.080724	0.046	0.963	1.50E-09	count	1
AC104590.1	0.0497532	1.080724	0.046	0.963	1.50E-09	count	1
AL357874.1	0.0497532	0.9010418	0.0552	0.956	1.50E-09	count	1
FAM78B	0.0497532	0.9010418	0.0552	0.956	1.50E-09	count	1
FAM209B	0.0497532	0.8988109	0.0554	0.956	1.50E-09	count	1
MAK	0.0497532	0.9010418	0.0552	0.956	1.50E-09	count	1
AC100803.3	0.0497532	1.0872505	0.0458	0.964	1.50E-09	count	1
AC106886.5	0.0497532	0.875198	0.0568	0.955	1.50E-09	count	1
GNA11	0.0497532	1.0872505	0.0458	0.964	1.50E-09	count	1
AL445228.2	0.1375298	0.5743567	0.2395	0.811	1.56E-09	count	1
CFLAR-AS1	0.4252119	0.6030449	0.7051	0.481	1.90E-09	count	1
HIF3A	0.4252119	0.6030449	0.7051	0.481	1.90E-09	count	1
TTC39A	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
SELENBP1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
ACHE	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
HCAR1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
LINC00330	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
MYH3	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC005339.1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AL021707.4	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
SLFNL1-AS1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
PARD3B	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC079834.2	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AL159163.1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
TMPRSS13	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
VSTM4	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1

AC012377.1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC009133.4	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC015917.2	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC103810.2	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
LINC01483	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC010319.4	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
LINC00624	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
IL12A	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC137810.1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AL356417.3	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AL732314.4	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC079209.2	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
TNNT3	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
SORCS3	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
KRT72	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC073592.1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
FITM1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AL118558.4	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC068446.2	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC079322.1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC002558.2	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AC010754.1	0.4252119	0.7223505	0.5887	0.556	1.90E-09	count	1
AP000253.1	0.4252119	0.6468643	0.6573	0.511	1.90E-09	count	1
AC104389.4	0.0648997	0.817639	0.0794	0.937	1.96E-09	count	1
PACSIN3	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
VPREB3	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
ZNF385C	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC021351.1	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
AC073957.3	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
PXDN	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
WLS	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AL121574.1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC008758.4	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
ADAMTS12	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
BOK	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
CARD14	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
REEP2	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
THNSL2	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
LINC02012	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
PTTG2	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
PRDM6	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC092620.3	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
KCNK3	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
AF230666.1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
SLC5A10	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1

AL021368.1	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
ELFN1-AS1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
LINC01513	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
GP5	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
GAS6-AS1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC010904.2	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
DRD4	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
LINC00900	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
AC009501.1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC130324.3	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
LINC01503	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
LINC00551	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC034231.1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AL133406.3	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
MAS1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
TTYH1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
PRC1-AS1	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
AC032044.1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
SLC35G3	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
ERICD	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
AC069213.1	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
RBF0X3	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC106886.3	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
WDR97	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC009021.1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
CCBE1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
F7	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
ELMO3	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
LINC01764	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
GRIN2D	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC022167.1	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
SLC46A1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
ZNF676	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
AL592494.1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
FPGT-TNNI3K	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
AC055811.3	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
LGALS9C	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
SMAD6	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
ANKDD1B	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
LNP1	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
ZNF788P	0.1755519	1.2583036	0.1395	0.889	2.01E-09	count	1
HRCT1	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
AL158070.1	0.1755519	1.2983581	0.1352	0.892	2.01E-09	count	1
KRT73-AS1	0.2020683	0.3412847	0.5921	0.554	2.32E-09	count	1
XXYL1-AS2	0.2135741	0.6911543	0.309	0.757	2.46E-09	count	1

MEX3A	0.2135741	0.9518277	0.2244	0.822	2.46E-09	count	1
ZBTB12	0.2135741	0.7050969	0.3029	0.762	2.46E-09	count	1
VSIG2	0.0915635	0.8459696	0.1082	0.914	2.79E-09	count	1
TMEM52	0.0915635	0.948209	0.0966	0.923	2.79E-09	count	1
ICOSLG	0.0915635	0.948209	0.0966	0.923	2.79E-09	count	1
ZNF70	0.0915635	0.952797	0.0961	0.923	2.79E-09	count	1
DSC1	0.0915635	0.856044	0.107	0.915	2.79E-09	count	1
Z69706.1	0.0915635	1.0567691	0.0866	0.931	2.79E-09	count	1
C1QTNF4	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
AL139339.1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
AL355488.1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
SELE	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
TMEM17	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
CCDC150	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
AC009570.1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
DNM1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
ASAH2	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
GJB6	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
DLGAP4-AS1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
AC011484.1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
AC012313.1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
CLCN1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
AL157832.1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
SCN8A	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
AL137230.1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
AC008731.1	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
GGT6	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
EVPL	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
SLC7A4	0.6190392	1.1091094	0.5581	0.577	2.88E-09	count	1
NPW	0.6190392	0.8997938	0.688	0.492	2.88E-09	count	1
TRPV3	0.6190392	0.8997938	0.688	0.492	2.88E-09	count	1
FGF2	0.6190392	0.8997938	0.688	0.492	2.88E-09	count	1
SPATA9	0.6190392	0.8997938	0.688	0.492	2.88E-09	count	1
TLDC2	0.6190392	0.8997938	0.688	0.492	2.88E-09	count	1
DHDH	0.6190392	0.8997938	0.688	0.492	2.88E-09	count	1
SELP	0.6190392	0.8997938	0.688	0.492	2.88E-09	count	1
POLN	0.6190392	0.8997938	0.688	0.492	2.88E-09	count	1
SPATA17	18.4790936	3429.526272	0.0054	0.996	2.98E-09	count	1
AC006059.1	18.4790936	3429.526272	0.0054	0.996	2.98E-09	count	1
ARHGEF16	18.4790935	3429.526432	0.0054	0.996	2.98E-09	count	1
AC092807.2	18.4790935	3429.526352	0.0054	0.996	2.98E-09	count	1
AC092903.2	18.4790935	3429.526224	0.0054	0.996	2.98E-09	count	1
NAALADL2	18.4790934	3429.526176	0.0054	0.996	2.98E-09	count	1
LINC00887	18.4790935	3429.525952	0.0054	0.996	2.98E-09	count	1
CFAP99	18.4790935	3429.526176	0.0054	0.996	2.98E-09	count	1

SEMA6A-AS1	18.4790936	3429.526464	0.0054	0.996	2.98E-09	count	1
AL365275.1	18.4790934	3429.526448	0.0054	0.996	2.98E-09	count	1
ECT2L	18.4790936	3429.526464	0.0054	0.996	2.98E-09	count	1
STC1	18.4790936	3429.526464	0.0054	0.996	2.98E-09	count	1
ARHGAP39	18.4790936	3429.52624	0.0054	0.996	2.98E-09	count	1
ARMS2	18.4790935	3429.526352	0.0054	0.996	2.98E-09	count	1
AC004466.1	18.4790935	3429.526432	0.0054	0.996	2.98E-09	count	1
USP12-AS2	18.4790935	3429.526304	0.0054	0.996	2.98E-09	count	1
UNC79	18.4790935	3429.526416	0.0054	0.996	2.98E-09	count	1
CTXND1	18.4790935	3429.526432	0.0054	0.996	2.98E-09	count	1
CPEB1-AS1	18.4790935	3429.526416	0.0054	0.996	2.98E-09	count	1
AC015574.1	18.4790936	3429.52608	0.0054	0.996	2.98E-09	count	1
AL023881.1	18.4790936	3429.526464	0.0054	0.996	2.98E-09	count	1
AC009093.6	18.4790936	3429.52608	0.0054	0.996	2.98E-09	count	1
AC009145.3	18.4790935	3429.526432	0.0054	0.996	2.98E-09	count	1
ALOX12B	18.4790935	3429.526304	0.0054	0.996	2.98E-09	count	1
PPP1R27	18.4790936	3429.52624	0.0054	0.996	2.98E-09	count	1
MIR1-1HG-AS1	18.4790934	3429.526176	0.0054	0.996	2.98E-09	count	1
COL9A3	18.4790936	3429.526464	0.0054	0.996	2.98E-09	count	1
AC022098.3	18.4790935	3429.526416	0.0054	0.996	2.98E-09	count	1
AP001432.1	18.4790934	3429.526448	0.0054	0.996	2.98E-09	count	1
KRTAP12-3	18.4790935	3429.526384	0.0054	0.996	2.98E-09	count	1
DAB1	18.4790934	3429.526208	0.0054	0.996	2.98E-09	count	1
AC097381.1	18.4790934	3429.52632	0.0054	0.996	2.98E-09	count	1
VSTM2L	18.4790935	3429.526192	0.0054	0.996	2.98E-09	count	1
AC011472.1	18.4790935	3429.526192	0.0054	0.996	2.98E-09	count	1
LINC01623	18.4790935	3429.526208	0.0054	0.996	2.98E-09	count	1
AC118758.3	18.4790934	3429.526128	0.0054	0.996	2.98E-09	count	1
PPP1R26-AS1	18.4790933	3429.526192	0.0054	0.996	2.98E-09	count	1
FGF8	18.4790934	3429.526208	0.0054	0.996	2.98E-09	count	1
BEGAIN	18.4790933	3429.5264	0.0054	0.996	2.98E-09	count	1
AC093525.6	18.4790935	3429.526208	0.0054	0.996	2.98E-09	count	1
AC141424.1	18.4790935	3429.526208	0.0054	0.996	2.98E-09	count	1
TMEM200B	18.4790934	3429.526304	0.0054	0.996	2.98E-09	count	1
KIT	18.4790934	3429.526256	0.0054	0.996	2.98E-09	count	1
AL021807.1	18.4790934	3429.526416	0.0054	0.996	2.98E-09	count	1
AC092647.5	18.4790933	3429.526304	0.0054	0.996	2.98E-09	count	1
CASC8	18.4790934	3429.526416	0.0054	0.996	2.98E-09	count	1
LINC00941	18.4790936	3429.526368	0.0054	0.996	2.98E-09	count	1
AC126755.3	18.4790936	3429.526368	0.0054	0.996	2.98E-09	count	1
SLC2A4	18.4790935	3429.526096	0.0054	0.996	2.98E-09	count	1
AC015908.2	18.4790935	3429.5264	0.0054	0.996	2.98E-09	count	1
MOCOS	18.4790934	3429.526256	0.0054	0.996	2.98E-09	count	1
EPB41L1	18.4790934	3429.526256	0.0054	0.996	2.98E-09	count	1
INHBB	18.4790933	3429.526144	0.0054	0.996	2.98E-09	count	1

PCDHA11	18.4790934	3429.526224	0.0054	0.996	2.98E-09	count	1
SCGB3A2	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
AC004922.1	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
TRBV6-8	18.4790936	3429.52632	0.0054	0.996	2.98E-09	count	1
PNMA2	18.4790934	3429.526224	0.0054	0.996	2.98E-09	count	1
PGM5	18.4790934	3429.526416	0.0054	0.996	2.98E-09	count	1
FAM189A2	18.4790934	3429.52624	0.0054	0.996	2.98E-09	count	1
TRPM6	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
GFI1B	18.4790933	3429.52616	0.0054	0.996	2.98E-09	count	1
ADAMTS13	18.4790935	3429.526288	0.0054	0.996	2.98E-09	count	1
MS4A3	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
LGALS12	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
AP001107.1	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
AC090510.1	18.4790933	3429.526176	0.0054	0.996	2.98E-09	count	1
HYDIN	18.4790932	3429.526112	0.0054	0.996	2.98E-09	count	1
ADAD2	18.4790932	3429.526272	0.0054	0.996	2.98E-09	count	1
CDR2L	18.4790932	3429.526272	0.0054	0.996	2.98E-09	count	1
AL121583.1	18.4790933	3429.52616	0.0054	0.996	2.98E-09	count	1
MTRNR2L3	18.4790934	3429.526224	0.0054	0.996	2.98E-09	count	1
AC011444.1	18.4790933	3429.526144	0.0054	0.996	2.98E-09	count	1
RASGRP4	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
C5AR2	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
CACNG6	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
NFAM1	18.4790933	3429.526016	0.0054	0.996	2.98E-09	count	1
AC008063.1	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
TF	18.4790936	3429.526304	0.0054	0.996	2.98E-09	count	1
AC025178.1	18.4790934	3429.526272	0.0054	0.996	2.98E-09	count	1
AC092634.5	18.4790934	3429.526208	0.0054	0.996	2.98E-09	count	1
AL391056.1	18.4790934	3429.526304	0.0054	0.996	2.98E-09	count	1
AC091564.4	18.4790933	3429.526368	0.0054	0.996	2.98E-09	count	1
SAA2	18.4790935	3429.526272	0.0054	0.996	2.98E-09	count	1
DUOX2	18.4790933	3429.526176	0.0054	0.996	2.98E-09	count	1
AC015818.2	18.4790935	3429.526176	0.0054	0.996	2.98E-09	count	1
SP2-AS1	18.4790935	3429.526176	0.0054	0.996	2.98E-09	count	1
LINC01993	18.4790935	3429.526192	0.0054	0.996	2.98E-09	count	1
AP001469.2	18.4790934	3429.526288	0.0054	0.996	2.98E-09	count	1
AL512408.1	18.4790935	3429.52632	0.0054	0.996	2.98E-09	count	1
AL157402.2	18.4790933	3429.526192	0.0054	0.996	2.98E-09	count	1
PPARGC1A	18.4790934	3429.526128	0.0054	0.996	2.98E-09	count	1
FABP2	18.4790932	3429.526032	0.0054	0.996	2.98E-09	count	1
NIM1K	18.4790933	3429.526128	0.0054	0.996	2.98E-09	count	1
AC244517.11	18.4790935	3429.526336	0.0054	0.996	2.98E-09	count	1
AL390208.1	18.4790935	3429.526336	0.0054	0.996	2.98E-09	count	1
GFRA2	18.4790935	3429.526288	0.0054	0.996	2.98E-09	count	1
LINC01030	18.4790935	3429.526336	0.0054	0.996	2.98E-09	count	1

PDCD1LG2	18.4790932	3429.526144	0.0054	0.996	2.98E-09	count	1
PIH1D2	18.4790934	3429.526048	0.0054	0.996	2.98E-09	count	1
AC022400.6	18.4790933	3429.526128	0.0054	0.996	2.98E-09	count	1
MFAP5	18.4790934	3429.52616	0.0054	0.996	2.98E-09	count	1
AC022509.2	18.4790935	3429.526336	0.0054	0.996	2.98E-09	count	1
HSD17B6	18.4790934	3429.526416	0.0054	0.996	2.98E-09	count	1
AC040934.1	18.4790931	3429.526224	0.0054	0.996	2.98E-09	count	1
SPATA25	18.4790932	3429.526384	0.0054	0.996	2.98E-09	count	1
SHC2	18.4790935	3429.52632	0.0054	0.996	2.98E-09	count	1
AC007292.1	18.4790933	3429.526048	0.0054	0.996	2.98E-09	count	1
SLC17A7	18.4790935	3429.526336	0.0054	0.996	2.98E-09	count	1
AL645608.9	18.4790931	3429.526352	0.0054	0.996	2.98E-09	count	1
LINC01778	18.4790932	3429.526224	0.0054	0.996	2.98E-09	count	1
LINC01362	18.4790933	3429.526224	0.0054	0.996	2.98E-09	count	1
AL590560.1	18.4790933	3429.526112	0.0054	0.996	2.98E-09	count	1
AL357793.1	18.479093	3429.52608	0.0054	0.996	2.98E-09	count	1
AC096637.2	18.4790932	3429.526224	0.0054	0.996	2.98E-09	count	1
PGBD5	18.4790931	3429.526208	0.0054	0.996	2.98E-09	count	1
ID2-AS1	18.4790933	3429.526352	0.0054	0.996	2.98E-09	count	1
AC080162.1	18.4790931	3429.52624	0.0054	0.996	2.98E-09	count	1
AC083949.1	18.4790931	3429.526224	0.0054	0.996	2.98E-09	count	1
DCTN1-AS1	18.4790931	3429.526208	0.0054	0.996	2.98E-09	count	1
MYO7B	18.4790933	3429.526016	0.0054	0.996	2.98E-09	count	1
CERKL	18.4790933	3429.526288	0.0054	0.996	2.98E-09	count	1
IDH1-AS1	18.4790933	3429.526096	0.0054	0.996	2.98E-09	count	1
AC114730.1	18.4790931	3429.526416	0.0054	0.996	2.98E-09	count	1
AC097359.2	18.4790933	3429.52632	0.0054	0.996	2.98E-09	count	1
AC024560.3	18.4790932	3429.526224	0.0054	0.996	2.98E-09	count	1
AC109347.2	18.4790933	3429.526112	0.0054	0.996	2.98E-09	count	1
LINC02365	18.4790932	3429.52624	0.0054	0.996	2.98E-09	count	1
AC106897.1	18.4790934	3429.526112	0.0054	0.996	2.98E-09	count	1
SH3RF2	18.4790933	3429.526208	0.0054	0.996	2.98E-09	count	1
KIAA0319	18.479093	3429.52616	0.0054	0.996	2.98E-09	count	1
AC092849.2	18.4790935	3429.526256	0.0054	0.996	2.98E-09	count	1
AC005064.1	18.4790933	3429.526096	0.0054	0.996	2.98E-09	count	1
AC023632.2	18.4790932	3429.52624	0.0054	0.996	2.98E-09	count	1
FBXO43	18.4790933	3429.526256	0.0054	0.996	2.98E-09	count	1
AF178030.1	18.479093	3429.52616	0.0054	0.996	2.98E-09	count	1
AKR1C1	18.4790931	3429.526032	0.0054	0.996	2.98E-09	count	1
HTR7	18.4790934	3429.526112	0.0054	0.996	2.98E-09	count	1
AL133352.1	18.4790934	3429.526224	0.0054	0.996	2.98E-09	count	1
AL390763.2	18.4790931	3429.526032	0.0054	0.996	2.98E-09	count	1
LINC02449	18.4790932	3429.525984	0.0054	0.996	2.98E-09	count	1
AL139383.1	18.4790933	3429.52624	0.0054	0.996	2.98E-09	count	1
SALL2	18.4790931	3429.526208	0.0054	0.996	2.98E-09	count	1

AC013652.1	18.4790931	3429.526208	0.0054	0.996	2.98E-09	count	1
AC009097.2	18.4790931	3429.526208	0.0054	0.996	2.98E-09	count	1
OR3A1	18.4790932	3429.526288	0.0054	0.996	2.98E-09	count	1
CNTD1	18.4790931	3429.52624	0.0054	0.996	2.98E-09	count	1
AL390037.1	18.4790933	3429.526176	0.0054	0.996	2.98E-09	count	1
ZBTB46	18.4790932	3429.526288	0.0054	0.996	2.98E-09	count	1
AC007193.1	18.4790933	3429.526176	0.0054	0.996	2.98E-09	count	1
LINC01869	18.4790931	3429.526256	0.0054	0.996	2.98E-09	count	1
AP000350.6	18.4790934	3429.526144	0.0054	0.996	2.98E-09	count	1
MYO18B	18.4790934	3429.526224	0.0054	0.996	2.98E-09	count	1
SEC14L3	18.4790931	3429.526112	0.0054	0.996	2.98E-09	count	1
AL008635.1	18.4790933	3429.526096	0.0054	0.996	2.98E-09	count	1
AC254562.2	18.4790931	3429.526352	0.0054	0.996	2.98E-09	count	1
LINC01191	18.4790932	3429.526368	0.0054	0.996	2.98E-09	count	1
IHH	18.4790932	3429.526368	0.0054	0.996	2.98E-09	count	1
AC005237.1	18.4790934	3429.526304	0.0054	0.996	2.98E-09	count	1
TREX1	18.4790933	3429.526048	0.0054	0.996	2.98E-09	count	1
ART3	18.4790933	3429.526272	0.0054	0.996	2.98E-09	count	1
AL096678.1	18.4790933	3429.526304	0.0054	0.996	2.98E-09	count	1
SLC22A1	18.4790934	3429.526352	0.0054	0.996	2.98E-09	count	1
OPN1SW	18.4790931	3429.526112	0.0054	0.996	2.98E-09	count	1
TRBV10-1	18.4790931	3429.526064	0.0054	0.996	2.98E-09	count	1
TRBV5-5	18.4790932	3429.526096	0.0054	0.996	2.98E-09	count	1
MRLN	18.4790931	3429.526	0.0054	0.996	2.98E-09	count	1
MYOF	18.4790934	3429.526256	0.0054	0.996	2.98E-09	count	1
HOXC6	18.4790933	3429.526224	0.0054	0.996	2.98E-09	count	1
AF111167.1	18.4790934	3429.526192	0.0054	0.996	2.98E-09	count	1
AC068722.2	18.4790929	3429.52616	0.0054	0.996	2.98E-09	count	1
AC010531.6	18.4790933	3429.526144	0.0054	0.996	2.98E-09	count	1
AC012301.1	18.4790933	3429.526176	0.0054	0.996	2.98E-09	count	1
LYPD5	18.4790933	3429.526336	0.0054	0.996	2.98E-09	count	1
AL162741.1	18.4790932	3429.526368	0.0054	0.996	2.98E-09	count	1
IQGAP3	18.4790932	3429.526368	0.0054	0.996	2.98E-09	count	1
DYSF	18.4790931	3429.526048	0.0054	0.996	2.98E-09	count	1
AC021851.1	18.4790933	3429.526464	0.0054	0.996	2.98E-09	count	1
STEAP1	18.4790931	3429.526064	0.0054	0.996	2.98E-09	count	1
KPNA7	18.4790932	3429.526448	0.0054	0.996	2.98E-09	count	1
SOX7	18.4790931	3429.526048	0.0054	0.996	2.98E-09	count	1
AC100812.1	18.4790932	3429.526368	0.0054	0.996	2.98E-09	count	1
LINC01251	18.4790933	3429.526256	0.0054	0.996	2.98E-09	count	1
AP000977.1	18.4790933	3429.526288	0.0054	0.996	2.98E-09	count	1
AC018653.1	18.4790932	3429.526448	0.0054	0.996	2.98E-09	count	1
LINC02295	18.4790932	3429.52632	0.0054	0.996	2.98E-09	count	1
AC074050.2	18.4790931	3429.526048	0.0054	0.996	2.98E-09	count	1
AC026461.3	18.4790932	3429.526128	0.0054	0.996	2.98E-09	count	1

AC087498.1	18.4790933	3429.526288	0.0054	0.996	2.98E-09	count	1
C17orf64	18.4790932	3429.52632	0.0054	0.996	2.98E-09	count	1
AC093330.1	18.4790932	3429.526448	0.0054	0.996	2.98E-09	count	1
C20orf202	18.4790931	3429.526352	0.0054	0.996	2.98E-09	count	1
AL354956.1	18.4790931	3429.525984	0.0054	0.996	2.98E-09	count	1
ZBTB8B	18.4790932	3429.526176	0.0054	0.996	2.98E-09	count	1
RAB3B	18.4790934	3429.526144	0.0054	0.996	2.98E-09	count	1
AC239804.1	18.4790932	3429.52608	0.0054	0.996	2.98E-09	count	1
HCN3	18.479093	3429.52624	0.0054	0.996	2.98E-09	count	1
BCAN	18.4790933	3429.526064	0.0054	0.996	2.98E-09	count	1
AC244034.2	18.4790931	3429.526368	0.0054	0.996	2.98E-09	count	1
TLX2	18.4790931	3429.526224	0.0054	0.996	2.98E-09	count	1
STEAP3-AS1	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
LINC02042	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
AC108693.2	18.4790931	3429.526368	0.0054	0.996	2.98E-09	count	1
ZBTB20-AS5	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
PLCH1	18.479093	3429.526032	0.0054	0.996	2.98E-09	count	1
P3H2	18.4790931	3429.526048	0.0054	0.996	2.98E-09	count	1
UBXN7-AS1	18.479093	3429.526256	0.0054	0.996	2.98E-09	count	1
ODAPH	18.4790931	3429.526	0.0054	0.996	2.98E-09	count	1
AC010280.2	18.479093	3429.526	0.0054	0.996	2.98E-09	count	1
AC022217.3	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
FKBP1C	18.4790932	3429.526192	0.0054	0.996	2.98E-09	count	1
AL158850.1	18.4790931	3429.52608	0.0054	0.996	2.98E-09	count	1
SOD2	18.4790932	3429.526176	0.0054	0.996	2.98E-09	count	1
EVX1	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
TFEC	18.479093	3429.526096	0.0054	0.996	2.98E-09	count	1
AC006372.3	18.4790931	3429.526176	0.0054	0.996	2.98E-09	count	1
ASB12	18.4790929	3429.526112	0.0054	0.996	2.98E-09	count	1
MAFA-AS1	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
AL158071.5	18.4790931	3429.526128	0.0054	0.996	2.98E-09	count	1
AL158151.3	18.4790931	3429.526352	0.0054	0.996	2.98E-09	count	1
LINC02552	18.4790931	3429.526352	0.0054	0.996	2.98E-09	count	1
AL513303.1	18.4790931	3429.526368	0.0054	0.996	2.98E-09	count	1
ZMIZ1-AS1	18.4790931	3429.525984	0.0054	0.996	2.98E-09	count	1
PRH2	18.4790931	3429.526048	0.0054	0.996	2.98E-09	count	1
TAS2R43	18.4790931	3429.526128	0.0054	0.996	2.98E-09	count	1
PRB3	18.4790931	3429.526192	0.0054	0.996	2.98E-09	count	1
GLI1	18.4790931	3429.525984	0.0054	0.996	2.98E-09	count	1
ATXN2-AS	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
AL355001.1	18.479093	3429.52616	0.0054	0.996	2.98E-09	count	1
AL135744.1	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
AC140725.1	18.4790931	3429.52608	0.0054	0.996	2.98E-09	count	1
Z92544.1	18.4790933	3429.526336	0.0054	0.996	2.98E-09	count	1
AC007611.1	18.4790931	3429.526144	0.0054	0.996	2.98E-09	count	1

MAFTRR	18.4790931	3429.526352	0.0054	0.996	2.98E-09	count	1
AC068418.1	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
LPO	18.4790933	3429.526096	0.0054	0.996	2.98E-09	count	1
OR4F17	18.4790932	3429.526288	0.0054	0.996	2.98E-09	count	1
AC004449.1	18.4790931	3429.526368	0.0054	0.996	2.98E-09	count	1
MUC16	18.4790929	3429.52616	0.0054	0.996	2.98E-09	count	1
ZNF625-ZNF20	18.4790933	3429.526416	0.0054	0.996	2.98E-09	count	1
ZNF98	18.479093	3429.526096	0.0054	0.996	2.98E-09	count	1
AC010271.1	18.4790931	3429.526032	0.0054	0.996	2.98E-09	count	1
CACNG8	18.4790931	3429.52608	0.0054	0.996	2.98E-09	count	1
C19orf18	18.4790932	3429.526288	0.0054	0.996	2.98E-09	count	1
LINC01311	18.4790932	3429.526288	0.0054	0.996	2.98E-09	count	1
AL022314.1	18.4790934	3429.526144	0.0054	0.996	2.98E-09	count	1
LINC00158	18.479093	3429.526032	0.0054	0.996	2.98E-09	count	1
STPG2	18.479093	3429.52616	0.0054	0.996	2.98E-09	count	1
AC073343.2	18.4790932	3429.526064	0.0054	0.996	2.98E-09	count	1
PTCHD1	18.4790932	3429.526128	0.0054	0.996	2.98E-09	count	1
NUDT10	18.4790931	3429.526096	0.0054	0.996	2.98E-09	count	1
FOXD4	18.4790931	3429.526352	0.0054	0.996	2.98E-09	count	1
SPAAR	18.4790931	3429.526096	0.0054	0.996	2.98E-09	count	1
FAM74A1	18.4790932	3429.526256	0.0054	0.996	2.98E-09	count	1
AP003717.1	18.479093	3429.526192	0.0054	0.996	2.98E-09	count	1
TSKU	18.479093	3429.526192	0.0054	0.996	2.98E-09	count	1
AC007569.1	18.4790931	3429.526176	0.0054	0.996	2.98E-09	count	1
LINC02285	18.4790932	3429.526128	0.0054	0.996	2.98E-09	count	1
LINC00638	18.479093	3429.526192	0.0054	0.996	2.98E-09	count	1
AP3B2	18.4790932	3429.526256	0.0054	0.996	2.98E-09	count	1
MTRNR2L4	18.4790932	3429.526208	0.0054	0.996	2.98E-09	count	1
C17orf53	18.4790931	3429.526176	0.0054	0.996	2.98E-09	count	1
VSX1	18.479093	3429.52608	0.0054	0.996	2.98E-09	count	1
AC000068.1	18.479093	3429.526192	0.0054	0.996	2.98E-09	count	1
SCNN1D	18.4790931	3429.52608	0.0054	0.996	2.98E-09	count	1
C1orf189	18.4790931	3429.526064	0.0054	0.996	2.98E-09	count	1
GPR161	18.4790931	3429.526208	0.0054	0.996	2.98E-09	count	1
LAD1	18.479093	3429.52608	0.0054	0.996	2.98E-09	count	1
AC016737.1	18.4790929	3429.526224	0.0054	0.996	2.98E-09	count	1
ABCB6	18.4790932	3429.526288	0.0054	0.996	2.98E-09	count	1
AC084035.1	18.4790929	3429.526144	0.0054	0.996	2.98E-09	count	1
AC007823.1	18.479093	3429.526192	0.0054	0.996	2.98E-09	count	1
AC069431.1	18.479093	3429.52608	0.0054	0.996	2.98E-09	count	1
AC096711.2	18.4790931	3429.526208	0.0054	0.996	2.98E-09	count	1
LINC02108	18.4790929	3429.526224	0.0054	0.996	2.98E-09	count	1
CKMT2	18.4790932	3429.526288	0.0054	0.996	2.98E-09	count	1
AC006004.1	18.4790928	3429.526128	0.0054	0.996	2.98E-09	count	1
MAOA	18.4790929	3429.526224	0.0054	0.996	2.98E-09	count	1

H2AFB1	18.4790929	3429.52608	0.0054	0.996	2.98E-09	count	1
BX571846.1	18.4790931	3429.526128	0.0054	0.996	2.98E-09	count	1
FBXO16	18.479093	3429.52608	0.0054	0.996	2.98E-09	count	1
ANKRD20A2	18.479093	3429.526256	0.0054	0.996	2.98E-09	count	1
CTSV	18.4790931	3429.52608	0.0054	0.996	2.98E-09	count	1
PALM2	18.4790932	3429.526288	0.0054	0.996	2.98E-09	count	1
TRIM34	18.4790929	3429.526224	0.0054	0.996	2.98E-09	count	1
MIR202HG	18.4790932	3429.526112	0.0054	0.996	2.98E-09	count	1
TAS2R10	18.4790929	3429.525984	0.0054	0.996	2.98E-09	count	1
AC023794.3	18.4790932	3429.526224	0.0054	0.996	2.98E-09	count	1
AC026367.1	18.479093	3429.526256	0.0054	0.996	2.98E-09	count	1
AL590096.1	18.479093	3429.526176	0.0054	0.996	2.98E-09	count	1
PPP1R36	18.4790929	3429.526208	0.0054	0.996	2.98E-09	count	1
AC005520.5	18.4790929	3429.526224	0.0054	0.996	2.98E-09	count	1
C14orf178	18.4790932	3429.52624	0.0054	0.996	2.98E-09	count	1
IGHV4-34	18.4790932	3429.52624	0.0054	0.996	2.98E-09	count	1
CACNA1I	18.4790929	3429.526224	0.0054	0.996	2.98E-09	count	1
AL049795.1	18.4790931	3429.526064	0.0054	0.996	2.98E-09	count	1
C1orf116	18.479093	3429.526384	0.0054	0.996	2.98E-09	count	1
CHRM3	18.479093	3429.526112	0.0054	0.996	2.98E-09	count	1
RAD21-AS1	18.479093	3429.52608	0.0054	0.996	2.98E-09	count	1
AC073911.1	18.4790929	3429.526224	0.0054	0.996	2.98E-09	count	1
THAP10	18.4790931	3429.526192	0.0054	0.996	2.98E-09	count	1
MPP2	18.479093	3429.52608	0.0054	0.996	2.98E-09	count	1
AL121772.3	18.4790929	3429.526176	0.0054	0.996	2.98E-09	count	1
LCA5L	18.479093	3429.526112	0.0054	0.996	2.98E-09	count	1
GUCA1B	18.4790931	3429.526192	0.0054	0.996	2.98E-09	count	1
KANK4	18.4790928	3429.526016	0.0054	0.996	2.98E-09	count	1
ANKUB1	18.4790929	3429.526096	0.0054	0.996	2.98E-09	count	1
AL590617.2	18.4790928	3429.526016	0.0054	0.996	2.98E-09	count	1
TRBV5-6	18.4790931	3429.526128	0.0054	0.996	2.98E-09	count	1
AC011611.3	18.4790928	3429.526016	0.0054	0.996	2.98E-09	count	1
TRAJ37	18.4790931	3429.526128	0.0054	0.996	2.98E-09	count	1
AL133367.1	18.4790931	3429.526128	0.0054	0.996	2.98E-09	count	1
COL25A1	18.4790929	3429.526048	0.0054	0.996	2.98E-09	count	1
AC087286.3	18.4790927	3429.526128	0.0054	0.996	2.98E-09	count	1
AL627171.2	0.036701	0.4849003	0.0757	0.94	2.99E-09	count	1
AL121999.1	18.8788949	1979.562493	0.0095	0.992	3.01E-09	count	1
AC103563.7	18.8788948	1979.562552	0.0095	0.992	3.01E-09	count	1
AC226118.1	18.8788948	1979.562552	0.0095	0.992	3.01E-09	count	1
NR2E3	18.8788948	1979.562552	0.0095	0.992	3.01E-09	count	1
AC053527.1	18.8788949	1979.562568	0.0095	0.992	3.01E-09	count	1
PTGFRN	18.8788947	1979.56256	0.0095	0.992	3.01E-09	count	1
AL121972.1	18.8788949	1979.562527	0.0095	0.992	3.01E-09	count	1
SH3BGL2	18.8788949	1979.562527	0.0095	0.992	3.01E-09	count	1

ABCBA	18.8788947	1979.56256	0.0095	0.992	3.01E-09	count	1
AL157400.4	18.8788947	1979.56256	0.0095	0.992	3.01E-09	count	1
FAAH	18.8788947	1979.562393	0.0095	0.992	3.01E-09	count	1
EXO1	18.8788947	1979.562535	0.0095	0.992	3.01E-09	count	1
AC017071.1	18.8788947	1979.562543	0.0095	0.992	3.01E-09	count	1
AC026355.1	18.8788947	1979.562485	0.0095	0.992	3.01E-09	count	1
FAM153B	18.8788946	1979.562552	0.0095	0.992	3.01E-09	count	1
AC003991.2	18.8788947	1979.562543	0.0095	0.992	3.01E-09	count	1
PTPRCAP	18.8788947	1979.562644	0.0095	0.992	3.01E-09	count	1
AC126175.1	18.8788947	1979.562493	0.0095	0.992	3.01E-09	count	1
AC012170.2	18.8788949	1979.562644	0.0095	0.992	3.01E-09	count	1
AC100830.3	18.8788948	1979.562543	0.0095	0.992	3.01E-09	count	1
AC087392.5	18.8788947	1979.562644	0.0095	0.992	3.01E-09	count	1
AC129492.4	18.8788948	1979.562577	0.0095	0.992	3.01E-09	count	1
AC010325.1	18.8788947	1979.562476	0.0095	0.992	3.01E-09	count	1
NPAS2	18.8788948	1979.562435	0.0095	0.992	3.01E-09	count	1
CATSPER3	18.8788946	1979.562543	0.0095	0.992	3.01E-09	count	1
AL031118.1	18.8788946	1979.562543	0.0095	0.992	3.01E-09	count	1
AL158055.1	18.8788946	1979.562485	0.0095	0.992	3.01E-09	count	1
AP006287.2	18.8788947	1979.562535	0.0095	0.992	3.01E-09	count	1
SH3PXD2A-AS1	18.8788949	1979.562602	0.0095	0.992	3.01E-09	count	1
AC010536.1	18.8788946	1979.562543	0.0095	0.992	3.01E-09	count	1
ZYG11A	18.8788948	1979.562518	0.0095	0.992	3.01E-09	count	1
PDLIM4	18.8788948	1979.562518	0.0095	0.992	3.01E-09	count	1
TWIST1	18.8788948	1979.562518	0.0095	0.992	3.01E-09	count	1
WIPF3	18.8788947	1979.562493	0.0095	0.992	3.01E-09	count	1
AC100821.2	18.8788946	1979.562552	0.0095	0.992	3.01E-09	count	1
AC087672.2	18.8788945	1979.562468	0.0095	0.992	3.01E-09	count	1
PGM5P3-AS1	18.8788948	1979.562401	0.0095	0.992	3.01E-09	count	1
AC005899.7	18.8788947	1979.562493	0.0095	0.992	3.01E-09	count	1
LINC01140	18.8788946	1979.562568	0.0095	0.992	3.01E-09	count	1
RBM15-AS1	18.8788945	1979.562502	0.0095	0.992	3.01E-09	count	1
AQP10	18.8788945	1979.562476	0.0095	0.992	3.01E-09	count	1
AC010680.4	18.8788948	1979.562568	0.0095	0.992	3.01E-09	count	1
PTPRG	18.8788946	1979.562568	0.0095	0.992	3.01E-09	count	1
GXYLT2	18.8788947	1979.562426	0.0095	0.992	3.01E-09	count	1
KLF15	18.8788946	1979.562602	0.0095	0.992	3.01E-09	count	1
REELD1	18.8788948	1979.562418	0.0095	0.992	3.01E-09	count	1
AC008781.2	18.8788946	1979.562493	0.0095	0.992	3.01E-09	count	1
AL049697.1	18.8788946	1979.562568	0.0095	0.992	3.01E-09	count	1
CA8	18.8788949	1979.562577	0.0095	0.992	3.01E-09	count	1
AL158151.1	18.8788945	1979.562476	0.0095	0.992	3.01E-09	count	1
AL731533.2	18.8788946	1979.56251	0.0095	0.992	3.01E-09	count	1
AL158834.1	18.8788945	1979.562552	0.0095	0.992	3.01E-09	count	1
CUZD1	18.8788947	1979.562426	0.0095	0.992	3.01E-09	count	1

AC140847.2	18.8788946	1979.562568	0.0095	0.992	3.01E-09	count	1
SUOX	18.8788948	1979.562568	0.0095	0.992	3.01E-09	count	1
SLITRK5	18.8788949	1979.562577	0.0095	0.992	3.01E-09	count	1
IGHV4-28	18.8788947	1979.562577	0.0095	0.992	3.01E-09	count	1
AC138904.3	18.8788946	1979.562568	0.0095	0.992	3.01E-09	count	1
DPEP3	18.8788945	1979.56246	0.0095	0.992	3.01E-09	count	1
AC026464.4	18.8788947	1979.562426	0.0095	0.992	3.01E-09	count	1
DNAI2	18.8788948	1979.562602	0.0095	0.992	3.01E-09	count	1
SLC32A1	18.8788948	1979.562602	0.0095	0.992	3.01E-09	count	1
Z73429.1	18.8788945	1979.562476	0.0095	0.992	3.01E-09	count	1
Z95114.4	18.8788948	1979.562602	0.0095	0.992	3.01E-09	count	1
PRR34	18.8788948	1979.562602	0.0095	0.992	3.01E-09	count	1
CHD5	18.8788947	1979.56261	0.0095	0.992	3.01E-09	count	1
GSTM5	18.8788948	1979.562619	0.0095	0.992	3.01E-09	count	1
AL390066.1	18.8788944	1979.56246	0.0095	0.992	3.01E-09	count	1
PDZK1	18.8788945	1979.562435	0.0095	0.992	3.01E-09	count	1
LENEP	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
DNM3	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
AC093388.1	18.8788944	1979.56246	0.0095	0.992	3.01E-09	count	1
AC079610.1	18.8788946	1979.562518	0.0095	0.992	3.01E-09	count	1
LINC01238	18.8788944	1979.56246	0.0095	0.992	3.01E-09	count	1
HESX1	18.8788946	1979.562552	0.0095	0.992	3.01E-09	count	1
ANK2	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
STK31	18.8788946	1979.562577	0.0095	0.992	3.01E-09	count	1
SPDYE3	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
ANKRD7	18.8788946	1979.562518	0.0095	0.992	3.01E-09	count	1
LMOD2	18.8788947	1979.562527	0.0095	0.992	3.01E-09	count	1
HYAL4	18.8788946	1979.562518	0.0095	0.992	3.01E-09	count	1
ZNF157	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
AC100810.3	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
RFX3-AS1	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
KRTAP5-2	18.8788946	1979.562493	0.0095	0.992	3.01E-09	count	1
C12orf40	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
AC069234.4	18.8788947	1979.56261	0.0095	0.992	3.01E-09	count	1
AC055876.5	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
CEMP1	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
IRX5	18.8788947	1979.562527	0.0095	0.992	3.01E-09	count	1
AC004223.2	18.8788945	1979.562485	0.0095	0.992	3.01E-09	count	1
AC091132.1	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
NXPH3	18.8788947	1979.562418	0.0095	0.992	3.01E-09	count	1
GRIN2C	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
LINC02080	18.8788946	1979.562493	0.0095	0.992	3.01E-09	count	1
AC010336.4	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
AC010323.1	18.8788947	1979.562527	0.0095	0.992	3.01E-09	count	1
AC024575.1	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1

CYP2A6	18.8788947	1979.562627	0.0095	0.992	3.01E-09	count	1
CAMTA1-DT	18.8788946	1979.562577	0.0095	0.992	3.01E-09	count	1
AL023755.1	18.8788945	1979.562418	0.0095	0.992	3.01E-09	count	1
SLC4A3	18.8788945	1979.562619	0.0095	0.992	3.01E-09	count	1
LINC00971	18.8788946	1979.562543	0.0095	0.992	3.01E-09	count	1
SOWAHA	18.8788945	1979.562568	0.0095	0.992	3.01E-09	count	1
MYOZ3	18.8788945	1979.562568	0.0095	0.992	3.01E-09	count	1
AGBL2	18.8788945	1979.562619	0.0095	0.992	3.01E-09	count	1
ME3	18.8788947	1979.562418	0.0095	0.992	3.01E-09	count	1
TLL2	18.8788945	1979.562568	0.0095	0.992	3.01E-09	count	1
CASC1	18.8788945	1979.562568	0.0095	0.992	3.01E-09	count	1
LINC00384	18.8788946	1979.562577	0.0095	0.992	3.01E-09	count	1
TRAV10	18.8788945	1979.562619	0.0095	0.992	3.01E-09	count	1
AC093249.2	18.8788945	1979.562451	0.0095	0.992	3.01E-09	count	1
AC006441.4	18.8788945	1979.562619	0.0095	0.992	3.01E-09	count	1
HOXB-AS3	18.8788947	1979.562418	0.0095	0.992	3.01E-09	count	1
ADAM33	18.8788945	1979.562619	0.0095	0.992	3.01E-09	count	1
PRR22	18.8788947	1979.562485	0.0095	0.992	3.01E-09	count	1
AC024592.1	18.8788945	1979.562451	0.0095	0.992	3.01E-09	count	1
CCER2	18.8788945	1979.562493	0.0095	0.992	3.01E-09	count	1
MAPK12	18.8788946	1979.562577	0.0095	0.992	3.01E-09	count	1
SLC44A3	18.8788947	1979.562585	0.0095	0.992	3.01E-09	count	1
BX470102.1	18.8788946	1979.562527	0.0095	0.992	3.01E-09	count	1
AL590714.1	18.8788947	1979.562527	0.0095	0.992	3.01E-09	count	1
AC104135.1	18.8788947	1979.562502	0.0095	0.992	3.01E-09	count	1
AC073869.3	18.8788947	1979.562635	0.0095	0.992	3.01E-09	count	1
TERT	18.8788945	1979.56251	0.0095	0.992	3.01E-09	count	1
AC018645.2	18.8788947	1979.562585	0.0095	0.992	3.01E-09	count	1
AL390294.1	18.8788946	1979.56251	0.0095	0.992	3.01E-09	count	1
AL137025.1	18.8788947	1979.56251	0.0095	0.992	3.01E-09	count	1
AC008115.4	18.8788946	1979.562602	0.0095	0.992	3.01E-09	count	1
GALNT4	18.8788946	1979.562527	0.0095	0.992	3.01E-09	count	1
SPTB	18.8788947	1979.562527	0.0095	0.992	3.01E-09	count	1
AC005954.2	18.8788947	1979.562502	0.0095	0.992	3.01E-09	count	1
AC010422.3	18.8788946	1979.56251	0.0095	0.992	3.01E-09	count	1
LINC00334	18.8788946	1979.56256	0.0095	0.992	3.01E-09	count	1
AL034417.2	18.8788945	1979.562451	0.0095	0.992	3.01E-09	count	1
AL050343.1	18.8788946	1979.562518	0.0095	0.992	3.01E-09	count	1
TFCP2L1	18.8788945	1979.562418	0.0095	0.992	3.01E-09	count	1
AC010680.1	18.8788945	1979.56251	0.0095	0.992	3.01E-09	count	1
GCK	18.8788945	1979.56261	0.0095	0.992	3.01E-09	count	1
FSCN3	18.8788944	1979.562451	0.0095	0.992	3.01E-09	count	1
AL157938.2	18.8788944	1979.56246	0.0095	0.992	3.01E-09	count	1
ENTPD7	18.8788946	1979.562485	0.0095	0.992	3.01E-09	count	1
TMEM272	18.8788944	1979.562451	0.0095	0.992	3.01E-09	count	1

AC105020.5	18.8788946	1979.562518	0.0095	0.992	3.01E-09	count	1
AC007336.1	18.8788944	1979.562493	0.0095	0.992	3.01E-09	count	1
AC145207.8	18.8788945	1979.562527	0.0095	0.992	3.01E-09	count	1
CIDEC	18.8788945	1979.562443	0.0095	0.992	3.01E-09	count	1
AC010609.1	18.8788946	1979.562468	0.0095	0.992	3.01E-09	count	1
SMO	18.8788946	1979.562443	0.0095	0.992	3.01E-09	count	1
LINC00865	18.8788945	1979.56251	0.0095	0.992	3.01E-09	count	1
AC108134.1	18.8788946	1979.562468	0.0095	0.992	3.01E-09	count	1
CA5A	18.8788946	1979.562468	0.0095	0.992	3.01E-09	count	1
AC015911.2	18.8788944	1979.562451	0.0095	0.992	3.01E-09	count	1
C17orf113	18.8788945	1979.562543	0.0095	0.992	3.01E-09	count	1
MMP24	18.8788944	1979.562451	0.0095	0.992	3.01E-09	count	1
CYP3A43	18.8788944	1979.562485	0.0095	0.992	3.01E-09	count	1
TRBV25-1	18.8788944	1979.562568	0.0095	0.992	3.01E-09	count	1
SLC16A2	18.8788944	1979.562552	0.0095	0.992	3.01E-09	count	1
GRIK4	18.8788944	1979.562485	0.0095	0.992	3.01E-09	count	1
FAM90A1	18.8788944	1979.562568	0.0095	0.992	3.01E-09	count	1
SPATA13-AS1	18.8788944	1979.562393	0.0095	0.992	3.01E-09	count	1
AANAT	18.8788945	1979.562493	0.0095	0.992	3.01E-09	count	1
SERPINB2	18.8788944	1979.562485	0.0095	0.992	3.01E-09	count	1
LEFTY1	18.8788944	1979.562401	0.0095	0.992	3.01E-09	count	1
CLDN1	18.8788945	1979.562543	0.0095	0.992	3.01E-09	count	1
AC010275.1	18.8788945	1979.562543	0.0095	0.992	3.01E-09	count	1
AMZ1	18.8788944	1979.562568	0.0095	0.992	3.01E-09	count	1
TRBV12-4	18.8788944	1979.562468	0.0095	0.992	3.01E-09	count	1
AC084024.1	18.8788944	1979.562568	0.0095	0.992	3.01E-09	count	1
AL133410.2	18.8788944	1979.562401	0.0095	0.992	3.01E-09	count	1
AC125807.2	18.8788945	1979.562543	0.0095	0.992	3.01E-09	count	1
AC079035.1	18.8788944	1979.562401	0.0095	0.992	3.01E-09	count	1
PIWIL1	18.8788944	1979.562568	0.0095	0.992	3.01E-09	count	1
AC005520.1	18.8788944	1979.562401	0.0095	0.992	3.01E-09	count	1
CRYBA4	18.8788945	1979.562418	0.0095	0.992	3.01E-09	count	1
MDH1B	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
AL365226.1	18.8788944	1979.562527	0.0095	0.992	3.01E-09	count	1
HOXA7	18.8788944	1979.562527	0.0095	0.992	3.01E-09	count	1
HOXA9	18.8788944	1979.562527	0.0095	0.992	3.01E-09	count	1
AL359076.1	18.8788944	1979.562527	0.0095	0.992	3.01E-09	count	1
AL355512.1	18.8788944	1979.562518	0.0095	0.992	3.01E-09	count	1
C12orf56	18.8788943	1979.562401	0.0095	0.992	3.01E-09	count	1
AC134669.1	18.8788943	1979.562476	0.0095	0.992	3.01E-09	count	1
REEP1	18.8788943	1979.562468	0.0095	0.992	3.01E-09	count	1
ARPC4-TTLL3	18.8788944	1979.562518	0.0095	0.992	3.01E-09	count	1
GAL3ST4	18.8788944	1979.562585	0.0095	0.992	3.01E-09	count	1
HBA2	18.8788944	1979.562518	0.0095	0.992	3.01E-09	count	1
AC098483.1	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1

EML6	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
AC007620.3	18.8788941	1979.562393	0.0095	0.992	3.01E-09	count	1
DLG1-AS1	18.8788944	1979.562602	0.0095	0.992	3.01E-09	count	1
C6orf132	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
UPK3BL1	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
ANTXRL	18.8788943	1979.562493	0.0095	0.992	3.01E-09	count	1
SPERT	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
MMP14	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
AL138995.1	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
PLEKHD1	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
PLA2G4D	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
ANKS4B	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
AC090912.2	18.8788941	1979.562393	0.0095	0.992	3.01E-09	count	1
CYP24A1	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
AP000350.7	18.8788944	1979.562435	0.0095	0.992	3.01E-09	count	1
AC100793.3	18.8788941	1979.562401	0.0095	0.992	3.01E-09	count	1
TSSK3	18.8788943	1979.562476	0.0095	0.992	3.01E-09	count	1
AL513548.3	18.8788943	1979.562476	0.0095	0.992	3.01E-09	count	1
AP002336.2	18.8788941	1979.562334	0.0095	0.992	3.01E-09	count	1
PRPH	18.8788943	1979.562476	0.0095	0.992	3.01E-09	count	1
SLC28A2	18.8788943	1979.562476	0.0095	0.992	3.01E-09	count	1
AC130456.5	18.8788943	1979.562476	0.0095	0.992	3.01E-09	count	1
PLIN4	18.8788943	1979.562476	0.0095	0.992	3.01E-09	count	1
MPZL2	0.1082136	0.7601638	0.1424	0.887	3.31E-09	count	1
AC010616.1	0.1125283	0.7759424	0.145	0.885	3.44E-09	count	1
COLEC12	0.1125283	0.7911835	0.1422	0.887	3.44E-09	count	1
ZCCHC24	0.1125283	0.6377054	0.1765	0.86	3.44E-09	count	1
PJVK	0.1125283	0.9158991	0.1229	0.902	3.44E-09	count	1
AC068888.1	0.125121	0.6735749	0.1858	0.853	3.84E-09	count	1
ZNF711	0.3313571	0.7778444	0.426	0.67	3.93E-09	count	1
MED12L	0.3313571	1.064632	0.3112	0.756	3.93E-09	count	1
PSD3	0.3313571	0.9066221	0.3655	0.715	3.93E-09	count	1
LRG1	0.3313571	0.816226	0.406	0.685	3.93E-09	count	1
AP001065.1	0.3313571	0.816226	0.406	0.685	3.93E-09	count	1
RGS18	0.048431	0.4584068	0.1057	0.916	3.96E-09	count	1
OLFML1	0.830677	0.7216028	1.1512	0.25	4.02E-09	count	1
MYO3B	0.830677	0.5235427	1.5866	0.113	4.02E-09	count	1
AL359636.1	0.830677	0.5235427	1.5866	0.113	4.02E-09	count	1
KIFC1	0.830677	0.637079	1.3039	0.192	4.02E-09	count	1
HIST3H2BB	0.0497532	0.6566862	0.0758	0.94	4.07E-09	count	1
BBS5	0.0497532	0.6258366	0.0795	0.937	4.07E-09	count	1
LAMB1	0.0497532	0.6542877	0.076	0.939	4.07E-09	count	1
ADAM12	0.1335207	0.5208206	0.2564	0.798	4.11E-09	count	1
RNF175	0.1513917	0.7660959	0.1976	0.843	4.68E-09	count	1
SOAT2	0.4367177	0.859336	0.5082	0.611	5.31E-09	count	1

AL356417.1	0.4367177	0.8626435	0.5063	0.613	5.31E-09	count	1
AL928654.3	0.4367177	0.8626435	0.5063	0.613	5.31E-09	count	1
WASF1	0.1755519	1.1529744	0.1523	0.879	5.45E-09	count	1
PTK6	0.1755519	1.1391237	0.1541	0.878	5.45E-09	count	1
AC020928.2	0.1755519	1.0401876	0.1688	0.866	5.45E-09	count	1
AC106795.2	0.1755519	1.1391237	0.1541	0.878	5.45E-09	count	1
AC007786.1	0.1755519	1.1391237	0.1541	0.878	5.45E-09	count	1
AL513320.1	0.1755519	1.1391237	0.1541	0.878	5.45E-09	count	1
FLJ45513	0.1755519	1.1391237	0.1541	0.878	5.45E-09	count	1
TTYH2	0.1755519	0.6363544	0.2759	0.783	5.45E-09	count	1
AC012557.2	0.1755519	1.0401876	0.1688	0.866	5.45E-09	count	1
MIR193BHG	0.1755519	1.1391237	0.1541	0.878	5.45E-09	count	1
KANK2	0.1755519	1.1391237	0.1541	0.878	5.45E-09	count	1
FOXC2	0.1755519	1.1391237	0.1541	0.878	5.45E-09	count	1
AP000911.1	0.1755519	0.7742097	0.2267	0.821	5.45E-09	count	1
AC240565.1	0.1755519	1.2583036	0.1395	0.889	5.45E-09	count	1
AP002884.4	0.1755519	1.2983581	0.1352	0.892	5.45E-09	count	1
THBS3	0.1755519	0.733728	0.2393	0.811	5.45E-09	count	1
TCERG1L	0.1755519	1.2983581	0.1352	0.892	5.45E-09	count	1
EPHX1	0.1755519	0.6713143	0.2615	0.794	5.45E-09	count	1
FAM85B	0.1755519	0.9036964	0.1943	0.846	5.45E-09	count	1
ZNF843	0.1755519	1.2983581	0.1352	0.892	5.45E-09	count	1
C19orf38	0.1755519	1.2983581	0.1352	0.892	5.45E-09	count	1
AC011468.5	0.1755519	0.7652564	0.2294	0.819	5.45E-09	count	1
CDKN2B-AS1	0.1755519	0.9036964	0.1943	0.846	5.45E-09	count	1
PLEKHH3	0.1755519	1.2983581	0.1352	0.892	5.45E-09	count	1
DLX4	0.1755519	1.2983581	0.1352	0.892	5.45E-09	count	1
AC011611.4	0.1755519	0.9036964	0.1943	0.846	5.45E-09	count	1
TAF1A-AS1	0.1755519	0.733728	0.2393	0.811	5.45E-09	count	1
LGALSL	0.1755519	0.8894188	0.1974	0.844	5.45E-09	count	1
BEX1	0.1755519	1.2583036	0.1395	0.889	5.45E-09	count	1
MEG8	0.1755519	0.9036964	0.1943	0.846	5.45E-09	count	1
CCL27	0.1755519	1.2583036	0.1395	0.889	5.45E-09	count	1
LINC01891	0.1755519	0.6484597	0.2707	0.787	5.45E-09	count	1
AL391988.1	0.1755519	1.2983581	0.1352	0.892	5.45E-09	count	1
AC021097.1	0.1755519	0.917752	0.1913	0.848	5.45E-09	count	1
AC137630.2	0.1755519	0.8156873	0.2152	0.83	5.45E-09	count	1
AC006252.1	0.1755519	0.6828001	0.2571	0.797	5.45E-09	count	1
GNG8	0.1755519	1.2025024	0.146	0.884	5.45E-09	count	1
LINC01840	0.1755519	1.2025024	0.146	0.884	5.46E-09	count	1
AL355490.2	0.1755519	0.9528616	0.1842	0.854	5.46E-09	count	1
ZDHC11B	0.1755519	1.1688049	0.1502	0.881	5.46E-09	count	1
LMTK3	0.0676494	0.6263994	0.108	0.914	5.56E-09	count	1
AC008892.1	1.1183591	0.4832668	2.3142	0.0207	5.67E-09	count	1
AC090922.1	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1

FAM181B	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1
AC108102.1	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1
CNNM3-DT	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1
AC011405.1	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1
AC004494.1	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1
ZC3H11B	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1
AL109797.1	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1
CDCA2	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1
SCML2	1.1183591	0.7388751	1.5136	0.13	5.68E-09	count	1
AC022382.1	1.1183591	0.6252208	1.7887	0.0737	5.68E-09	count	1
ZNF674	0.0748178	0.5713721	0.1309	0.896	6.16E-09	count	1
SNX21	0.1997122	0.6975203	0.2863	0.775	6.24E-09	count	1
TRBV7-2	0.2050957	0.9536775	0.2151	0.83	6.42E-09	count	1
MEG3	0.2050957	0.8933257	0.2296	0.818	6.42E-09	count	1
LINC02062	0.2050957	0.7381171	0.2779	0.781	6.42E-09	count	1
AC004520.1	0.0810944	0.6001057	0.1351	0.893	6.69E-09	count	1
PEAK3	1.3415026	0.4588419	2.9237	0.0035	7.01E-09	count	1
AL137077.2	0.2259829	0.6691709	0.3377	0.736	7.11E-09	count	1
AL031595.2	0.2259829	0.7676009	0.2944	0.768	7.11E-09	count	1
BRIP1	0.2385756	0.8294022	0.2876	0.774	7.53E-09	count	1
AL596094.1	0.2385756	0.8548314	0.2791	0.78	7.53E-09	count	1
RND3	0.24572	0.6220715	0.395	0.693	7.76E-09	count	1
ZNF417	0.24572	0.6785155	0.3621	0.717	7.76E-09	count	1
CDHR1	0.6190392	0.7042205	0.879	0.379	7.82E-09	count	1
LINC01842	0.6190392	0.848247	0.7298	0.466	7.82E-09	count	1
AC020922.4	0.6190392	0.8997938	0.688	0.492	7.82E-09	count	1
AC010834.2	0.6190392	0.8997938	0.688	0.492	7.82E-09	count	1
DSCR9	0.6190392	0.8393481	0.7375	0.461	7.82E-09	count	1
AC009630.2	0.6190392	0.8393481	0.7375	0.461	7.82E-09	count	1
SMARCA5-AS1	0.6190392	0.8393481	0.7375	0.461	7.82E-09	count	1
AC136475.2	0.6190392	0.8393481	0.7375	0.461	7.82E-09	count	1
TRGV5	0.6190392	0.7741974	0.7996	0.424	7.82E-09	count	1
MATN3	18.5800652	3606.96877	0.0052	0.996	8.08E-09	count	1
AC018690.1	18.5800652	3606.96877	0.0052	0.996	8.08E-09	count	1
TMEM212	18.5800652	3606.96877	0.0052	0.996	8.08E-09	count	1
AC067838.1	18.5800651	3606.968485	0.0052	0.996	8.08E-09	count	1
LINC02452	18.5800652	3606.968733	0.0052	0.996	8.08E-09	count	1
ABCA6	18.5800652	3606.968733	0.0052	0.996	8.08E-09	count	1
NOSTRIN	18.5800652	3606.968733	0.0052	0.996	8.08E-09	count	1
CEP83-DT	18.5800651	3606.968311	0.0052	0.996	8.08E-09	count	1
A1CF	18.5800646	3606.968435	0.0052	0.996	8.08E-09	count	1
AC113382.2	18.5800647	3606.968286	0.0052	0.996	8.08E-09	count	1
AC136475.4	18.5800647	3606.968286	0.0052	0.996	8.08E-09	count	1
OR51E1	18.5800647	3606.968286	0.0052	0.996	8.08E-09	count	1
AC008747.1	18.5800647	3606.968286	0.0052	0.996	8.08E-09	count	1

AL603832.2	18.5800649	3606.968708	0.0052	0.996	8.08E-09	count	1
AL590068.2	18.5800647	3606.968497	0.0052	0.996	8.08E-09	count	1
AC138932.5	18.5800648	3606.968584	0.0052	0.996	8.08E-09	count	1
AL035252.2	18.5800648	3606.968584	0.0052	0.996	8.08E-09	count	1
BEND7	18.5800646	3606.968584	0.0052	0.996	8.08E-09	count	1
DMC1	18.5800647	3606.968497	0.0052	0.996	8.08E-09	count	1
AL121890.5	18.5800646	3606.968509	0.0052	0.996	8.08E-09	count	1
PRSS51	18.5800648	3606.968361	0.0052	0.996	8.08E-09	count	1
AC008569.1	18.5800648	3606.968361	0.0052	0.996	8.08E-09	count	1
AC093827.5	18.5800644	3606.968485	0.0052	0.996	8.08E-09	count	1
AC103923.1	18.5795359	2686.633299	0.0069	0.994	8.08E-09	count	1
AC112220.2	18.5795357	2686.633058	0.0069	0.994	8.08E-09	count	1
FHDC1	18.5795355	2686.633215	0.0069	0.994	8.08E-09	count	1
PLGLB2	18.5795354	2686.633151	0.0069	0.994	8.08E-09	count	1
AC009237.14	18.5795355	2686.633197	0.0069	0.994	8.08E-09	count	1
CRMP1	18.5795353	2686.633188	0.0069	0.994	8.08E-09	count	1
LINC02288	18.5795357	2686.633197	0.0069	0.994	8.08E-09	count	1
RAB26	18.5795354	2686.633114	0.0069	0.994	8.08E-09	count	1
ZNF660	18.5795352	2686.632892	0.0069	0.994	8.08E-09	count	1
ARTN	18.5795353	2686.633179	0.0069	0.994	8.08E-09	count	1
PITX1	18.5795352	2686.632902	0.0069	0.994	8.08E-09	count	1
KLHL31	18.5795355	2686.633243	0.0069	0.994	8.08E-09	count	1
AC092849.1	18.579535	2686.633234	0.0069	0.994	8.08E-09	count	1
AC080013.5	18.5795353	2686.632938	0.0069	0.994	8.08E-09	count	1
AC097460.1	18.5795351	2686.632975	0.0069	0.994	8.08E-09	count	1
RPS6KA6	18.5795351	2686.633114	0.0069	0.994	8.08E-09	count	1
AC121338.2	18.5795351	2686.63292	0.0069	0.994	8.08E-09	count	1
AL136115.1	18.5795353	2686.633068	0.0069	0.994	8.08E-09	count	1
NKAPL	18.5795348	2686.632966	0.0069	0.994	8.08E-09	count	1
C16orf71	18.5795348	2686.632975	0.0069	0.994	8.08E-09	count	1
LINC01694	18.5795349	2686.63316	0.0069	0.994	8.08E-09	count	1
MIA-RAB4B	18.5795348	2686.632966	0.0069	0.994	8.08E-09	count	1
AC009119.2	18.579535	2686.633012	0.0069	0.994	8.08E-09	count	1
P2RX5-TAX1BP3	18.5791616	2079.353677	0.0089	0.993	8.09E-09	count	1
BX539320.1	18.5791616	2079.353849	0.0089	0.993	8.09E-09	count	1
AC126614.1	18.5791613	2079.353685	0.0089	0.993	8.09E-09	count	1
AL359834.1	18.5791612	2079.353913	0.0089	0.993	8.09E-09	count	1
AC010538.1	18.1734474	2943.402224	0.0062	0.995	8.09E-09	count	1
SCN5A	18.1734473	2943.402143	0.0062	0.995	8.09E-09	count	1
PRRT4	18.1734473	2943.402062	0.0062	0.995	8.09E-09	count	1
C10orf105	18.1734473	2943.402062	0.0062	0.995	8.09E-09	count	1
AC008763.1	18.1734472	2943.402203	0.0062	0.995	8.09E-09	count	1
LINC02269	18.1734471	2943.402143	0.0062	0.995	8.09E-09	count	1
NEUROG3	18.1734472	2943.402133	0.0062	0.995	8.09E-09	count	1
RAD9B	18.1734472	2943.402173	0.0062	0.995	8.09E-09	count	1

C20orf203	18.1734471	2943.402153	0.0062	0.995	8.09E-09	count	1
AL445490.1	18.1734471	2943.402102	0.0062	0.995	8.09E-09	count	1
AL449106.1	18.1734472	2943.402214	0.0062	0.995	8.09E-09	count	1
AC138356.1	18.1734471	2943.402102	0.0062	0.995	8.09E-09	count	1
LINC00958	18.1734471	2943.402355	0.0062	0.995	8.09E-09	count	1
KCNIP2	18.1734472	2943.402143	0.0062	0.995	8.09E-09	count	1
TRAV1-1	18.173447	2943.402173	0.0062	0.995	8.09E-09	count	1
CCDC85A	18.1734472	2943.402183	0.0062	0.995	8.09E-09	count	1
AC073046.1	18.1734471	2943.402163	0.0062	0.995	8.09E-09	count	1
AP001999.1	18.1734471	2943.402032	0.0062	0.995	8.09E-09	count	1
KIAA1217	18.1734471	2943.402082	0.0062	0.995	8.09E-09	count	1
IQSEC3	18.1734471	2943.402193	0.0062	0.995	8.09E-09	count	1
ATP2C2	18.1734471	2943.402072	0.0062	0.995	8.09E-09	count	1
ZNF559-ZNF177	18.1734472	2943.402274	0.0062	0.995	8.09E-09	count	1
AC010643.1	18.1734471	2943.402173	0.0062	0.995	8.09E-09	count	1
TMEM150C	18.1734471	2943.401961	0.0062	0.995	8.09E-09	count	1
CRIP3	18.1734471	2943.401981	0.0062	0.995	8.09E-09	count	1
TAC1	18.1734471	2943.402062	0.0062	0.995	8.09E-09	count	1
AC244197.3	18.173447	2943.402284	0.0062	0.995	8.09E-09	count	1
AP003472.2	18.1734471	2943.402052	0.0062	0.995	8.09E-09	count	1
KC877392.1	18.1734471	2943.401981	0.0062	0.995	8.09E-09	count	1
MYRIP	18.173447	2943.402052	0.0062	0.995	8.09E-09	count	1
TRGV11	18.1734468	2943.402193	0.0062	0.995	8.09E-09	count	1
MIR503HG	18.173447	2943.402052	0.0062	0.995	8.09E-09	count	1
PKP2	18.1734469	2943.402234	0.0062	0.995	8.09E-09	count	1
WNT1	18.173447	2943.402001	0.0062	0.995	8.09E-09	count	1
LINC02404	18.1734471	2943.401991	0.0062	0.995	8.09E-09	count	1
AC068831.6	18.173447	2943.402092	0.0062	0.995	8.09E-09	count	1
AC126763.1	18.1734468	2943.402193	0.0062	0.995	8.09E-09	count	1
AC010319.3	18.1734468	2943.402193	0.0062	0.995	8.09E-09	count	1
AC011043.1	18.173447	2943.402001	0.0062	0.995	8.09E-09	count	1
PIK3CD-AS1	18.173447	2943.402214	0.0062	0.995	8.09E-09	count	1
AL451070.1	18.173447	2943.402305	0.0062	0.995	8.09E-09	count	1
AC126283.1	18.1734471	2943.402042	0.0062	0.995	8.09E-09	count	1
TCEAL6	18.1734469	2943.402214	0.0062	0.995	8.09E-09	count	1
TUB	18.173447	2943.402193	0.0062	0.995	8.09E-09	count	1
AC008149.1	18.173447	2943.402203	0.0062	0.995	8.09E-09	count	1
TRAV34	18.173447	2943.402082	0.0062	0.995	8.09E-09	count	1
AC005329.1	18.1734471	2943.401981	0.0062	0.995	8.09E-09	count	1
AL022313.2	18.173447	2943.402153	0.0062	0.995	8.09E-09	count	1
AL157402.1	18.1734469	2943.402123	0.0062	0.995	8.09E-09	count	1
CPO	18.1734471	2943.402153	0.0062	0.995	8.09E-09	count	1
SUSD5	18.1734469	2943.402315	0.0062	0.995	8.09E-09	count	1
GRM2	18.173447	2943.402345	0.0062	0.995	8.09E-09	count	1
CDC20B	18.173447	2943.402345	0.0062	0.995	8.09E-09	count	1

AL138720.1	18.1734469	2943.402123	0.0062	0.995	8.09E-09	count	1
DSCAML1	18.1734469	2943.402224	0.0062	0.995	8.09E-09	count	1
NEBL	18.1734469	2943.402315	0.0062	0.995	8.09E-09	count	1
B3GNT4	18.173447	2943.402345	0.0062	0.995	8.09E-09	count	1
ASPHD1	18.173447	2943.402315	0.0062	0.995	8.09E-09	count	1
AC092145.1	18.173447	2943.402193	0.0062	0.995	8.09E-09	count	1
CASKIN2	18.1734471	2943.402153	0.0062	0.995	8.09E-09	count	1
AC020908.3	18.1734469	2943.402224	0.0062	0.995	8.09E-09	count	1
TRGV6	18.173447	2943.402102	0.0062	0.995	8.09E-09	count	1
CELF4	18.173447	2943.402163	0.0062	0.995	8.09E-09	count	1
NUP210L	18.1734469	2943.402214	0.0062	0.995	8.09E-09	count	1
AC007250.1	18.1734468	2943.402082	0.0062	0.995	8.09E-09	count	1
AL662890.1	18.1734469	2943.402214	0.0062	0.995	8.09E-09	count	1
AC007349.2	18.1734469	2943.401971	0.0062	0.995	8.09E-09	count	1
AC073335.2	18.1734468	2943.402183	0.0062	0.995	8.09E-09	count	1
AL136141.1	18.1734467	2943.402032	0.0062	0.995	8.09E-09	count	1
POC1B-GALNT4	18.1734468	2943.40193	0.0062	0.995	8.09E-09	count	1
C15orf62	18.173447	2943.402102	0.0062	0.995	8.09E-09	count	1
AC093525.7	18.173447	2943.402274	0.0062	0.995	8.09E-09	count	1
AP001010.1	18.173447	2943.402163	0.0062	0.995	8.09E-09	count	1
CBARP	18.1734469	2943.402214	0.0062	0.995	8.09E-09	count	1
AF127577.1	18.1734469	2943.402163	0.0062	0.995	8.09E-09	count	1
C21orf91-OT1	18.1734468	2943.402001	0.0062	0.995	8.09E-09	count	1
TRPM2-AS	18.173447	2943.402173	0.0062	0.995	8.09E-09	count	1
KCTD3	18.1734469	2943.402193	0.0062	0.995	8.09E-09	count	1
AC068051.1	18.1734467	2943.40188	0.0062	0.995	8.09E-09	count	1
AC131025.1	18.1734467	2943.402254	0.0062	0.995	8.09E-09	count	1
AF131216.1	18.1734469	2943.402092	0.0062	0.995	8.09E-09	count	1
PAEP	18.1734468	2943.402062	0.0062	0.995	8.09E-09	count	1
RBM20	18.173447	2943.402274	0.0062	0.995	8.09E-09	count	1
TMEM63C	18.1734469	2943.402193	0.0062	0.995	8.09E-09	count	1
AC093525.3	18.1734468	2943.402123	0.0062	0.995	8.09E-09	count	1
C19orf81	18.1734467	2943.40188	0.0062	0.995	8.09E-09	count	1
AL023802.1	18.1734469	2943.402112	0.0062	0.995	8.09E-09	count	1
SCO2	18.1734468	2943.402143	0.0062	0.995	8.09E-09	count	1
TEX43	18.1734468	2943.402143	0.0062	0.995	8.09E-09	count	1
HIST1H3G	18.1734468	2943.401991	0.0062	0.995	8.09E-09	count	1
KLHL33	18.1734468	2943.402032	0.0062	0.995	8.09E-09	count	1
AL162311.3	18.1734468	2943.401991	0.0062	0.995	8.09E-09	count	1
AC015922.4	18.1734469	2943.402001	0.0062	0.995	8.09E-09	count	1
AC015849.3	18.1734467	2943.402032	0.0062	0.995	8.09E-09	count	1
SRCIN1	18.1734469	2943.402042	0.0062	0.995	8.09E-09	count	1
GPR52	18.1734468	2943.402092	0.0062	0.995	8.09E-09	count	1
LMNB1-DT	18.1734467	2943.402052	0.0062	0.995	8.09E-09	count	1
DDX39B-AS1	18.1734469	2943.401961	0.0062	0.995	8.09E-09	count	1

AC092171.2	18.1734467	2943.402052	0.0062	0.995	8.09E-09	count	1
TBX20	18.1734469	2943.401961	0.0062	0.995	8.09E-09	count	1
AL391834.1	18.1734468	2943.402032	0.0062	0.995	8.09E-09	count	1
TJP2	18.1734468	2943.401941	0.0062	0.995	8.09E-09	count	1
ST8SIA6-AS1	18.1734468	2943.402092	0.0062	0.995	8.09E-09	count	1
BX248123.1	18.1734468	2943.402032	0.0062	0.995	8.09E-09	count	1
AKAP3	18.1734467	2943.402052	0.0062	0.995	8.09E-09	count	1
LINC02399	18.1734467	2943.402052	0.0062	0.995	8.09E-09	count	1
TRAV8-5	18.1734467	2943.402052	0.0062	0.995	8.09E-09	count	1
TRAJ28	18.1734467	2943.402052	0.0062	0.995	8.09E-09	count	1
SEC23A-AS1	18.1734467	2943.401951	0.0062	0.995	8.09E-09	count	1
NOXRED1	18.1734468	2943.402133	0.0062	0.995	8.09E-09	count	1
CCDC9B	18.1734468	2943.402173	0.0062	0.995	8.09E-09	count	1
NKX2-2	18.1734467	2943.402032	0.0062	0.995	8.09E-09	count	1
AC005625.1	18.1734467	2943.402224	0.0062	0.995	8.09E-09	count	1
AL929472.2	18.1734467	2943.40193	0.0062	0.995	8.09E-09	count	1
AC098934.4	18.1734467	2943.401961	0.0062	0.995	8.09E-09	count	1
C2orf81	18.1734468	2943.402092	0.0062	0.995	8.09E-09	count	1
ADGRV1	18.1734468	2943.402082	0.0062	0.995	8.09E-09	count	1
AC091948.1	18.1734467	2943.402193	0.0062	0.995	8.09E-09	count	1
AP003680.1	18.1734467	2943.402214	0.0062	0.995	8.09E-09	count	1
FLRT2	18.1734467	2943.402193	0.0062	0.995	8.09E-09	count	1
AC004233.3	18.1734467	2943.401971	0.0062	0.995	8.09E-09	count	1
Z98752.4	18.1734467	2943.40192	0.0062	0.995	8.09E-09	count	1
TENT5B	18.1734467	2943.402123	0.0062	0.995	8.09E-09	count	1
LRFN2	18.1734468	2943.402234	0.0062	0.995	8.09E-09	count	1
SOD2-OT1	18.1734467	2943.402032	0.0062	0.995	8.09E-09	count	1
AC012213.4	18.1734467	2943.402021	0.0062	0.995	8.09E-09	count	1
LGR4	18.1734468	2943.402214	0.0062	0.995	8.09E-09	count	1
FAM180B	18.1734468	2943.402214	0.0062	0.995	8.09E-09	count	1
AL360181.2	18.1734467	2943.402021	0.0062	0.995	8.09E-09	count	1
ATCAY	18.1734467	2943.401941	0.0062	0.995	8.09E-09	count	1
NECTIN3-AS1	18.1734467	2943.402112	0.0062	0.995	8.09E-09	count	1
AC073073.2	18.1734466	2943.402092	0.0062	0.995	8.09E-09	count	1
AC022167.4	18.1734466	2943.402062	0.0062	0.995	8.09E-09	count	1
AP005131.1	18.1734466	2943.402153	0.0062	0.995	8.09E-09	count	1
NRIR	18.1734466	2943.402153	0.0062	0.995	8.09E-09	count	1
AC093915.1	18.1734467	2943.402153	0.0062	0.995	8.09E-09	count	1
RNF152	18.1734466	2943.401941	0.0062	0.995	8.09E-09	count	1
AL445231.1	18.1734467	2943.402173	0.0062	0.995	8.09E-09	count	1
AC093274.1	18.1734467	2943.402112	0.0062	0.995	8.09E-09	count	1
AC106038.1	18.1734467	2943.402112	0.0062	0.995	8.09E-09	count	1
CFAP157	18.1734466	2943.402052	0.0062	0.995	8.09E-09	count	1
TMEM262	18.1734466	2943.402052	0.0062	0.995	8.09E-09	count	1
AL589986.2	18.1734466	2943.402102	0.0062	0.995	8.09E-09	count	1

AC113361.1	18.1734467	2943.402062	0.0062	0.995	8.09E-09	count	1
RAB39A	18.1734467	2943.402153	0.0062	0.995	8.09E-09	count	1
RASSF8-AS1	18.1734466	2943.401991	0.0062	0.995	8.09E-09	count	1
AC084855.1	18.1734467	2943.402153	0.0062	0.995	8.09E-09	count	1
IGKV1D-12	18.1734467	2943.402072	0.0062	0.995	8.09E-09	count	1
CSPG5	18.1734467	2943.402072	0.0062	0.995	8.09E-09	count	1
C4orf47	18.1734466	2943.401961	0.0062	0.995	8.09E-09	count	1
AMOTL1	18.1734466	2943.401961	0.0062	0.995	8.09E-09	count	1
AP001781.2	18.1734466	2943.402062	0.0062	0.995	8.09E-09	count	1
AL136418.1	18.1734466	2943.402062	0.0062	0.995	8.09E-09	count	1
OR1A1	18.1734466	2943.402001	0.0062	0.995	8.09E-09	count	1
GTSE1-DT	18.1734465	2943.401941	0.0062	0.995	8.09E-09	count	1
CEL	18.1734464	2943.402042	0.0062	0.995	8.09E-09	count	1
DLGAP1	18.1730554	2079.797662	0.0087	0.993	8.09E-09	count	1
AC073352.2	18.1730553	2079.797605	0.0087	0.993	8.09E-09	count	1
LINC01535	18.1730553	2079.797741	0.0087	0.993	8.09E-09	count	1
ATP6V1G3	18.1730553	2079.797598	0.0087	0.993	8.09E-09	count	1
TBC1D3D	18.1730552	2079.797677	0.0087	0.993	8.09E-09	count	1
IGKV1-6	18.1730551	2079.797562	0.0087	0.993	8.09E-09	count	1
KCNK15	18.1730552	2079.797734	0.0087	0.993	8.09E-09	count	1
PRRG3	18.173055	2079.797634	0.0087	0.993	8.09E-09	count	1
AL136982.7	18.1730551	2079.79762	0.0087	0.993	8.09E-09	count	1
AL121983.1	18.173055	2079.797598	0.0087	0.993	8.09E-09	count	1
CPNE9	18.1730551	2079.797584	0.0087	0.993	8.09E-09	count	1
RPS6KB2-AS1	18.1730552	2079.797662	0.0087	0.993	8.09E-09	count	1
TSNAXIP1	18.1730552	2079.797491	0.0087	0.993	8.09E-09	count	1
LINC02055	18.1730552	2079.797684	0.0087	0.993	8.09E-09	count	1
AL354710.2	18.1730551	2079.797627	0.0087	0.993	8.09E-09	count	1
C10orf25	18.1730549	2079.797512	0.0087	0.993	8.09E-09	count	1
PYCR1	18.1730552	2079.797655	0.0087	0.993	8.09E-09	count	1
FAM209A	18.1730549	2079.797698	0.0087	0.993	8.09E-09	count	1
CCDC78	18.1730548	2079.797591	0.0087	0.993	8.09E-09	count	1
ARL11	18.1730549	2079.797548	0.0087	0.993	8.09E-09	count	1
SEMA3B	18.1730547	2079.797627	0.0087	0.993	8.09E-09	count	1
AC091959.3	0.0979023	0.5014958	0.1952	0.845	8.11E-09	count	1
AC127070.2	1.5238242	0.7891092	1.9311	0.0536	8.12E-09	count	1
AIPL1	19.2745975	2412.653984	0.008	0.994	8.12E-09	count	1
AC069287.2	19.2745976	2412.653818	0.008	0.994	8.12E-09	count	1
AC131011.1	19.2745971	2412.653833	0.008	0.994	8.12E-09	count	1
NRG4	1.5238242	0.6625313	2.3	0.0215	8.12E-09	count	1
DSG3	1.5238242	0.6625313	2.3	0.0215	8.12E-09	count	1
AC013468.1	1.5238242	0.6625313	2.3	0.0215	8.12E-09	count	1
LRRN4CL	1.5238242	0.5891307	2.5866	0.0097	8.13E-09	count	1
CFAP97D2	19.2715705	1471.69177	0.0131	0.99	8.14E-09	count	1
CDON	18.9840485	2086.426243	0.0091	0.993	8.14E-09	count	1

AC024075.3	18.9840484	2086.426158	0.0091	0.993	8.14E-09	count	1
LBX2-AS1	18.9840482	2086.426021	0.0091	0.993	8.14E-09	count	1
AC096564.2	18.9840478	2086.426165	0.0091	0.993	8.14E-09	count	1
ADAMTSL1	18.9840478	2086.426165	0.0091	0.993	8.14E-09	count	1
TAS2R19	18.9840478	2086.426165	0.0091	0.993	8.14E-09	count	1
XG	18.9840483	2086.426158	0.0091	0.993	8.14E-09	count	1
LINC02391	18.984048	2086.426113	0.0091	0.993	8.14E-09	count	1
SEMA3C	18.982507	1552.155452	0.0122	0.99	8.15E-09	count	1
CHRDL1	18.9825067	1552.155394	0.0122	0.99	8.15E-09	count	1
AC024896.1	18.9825067	1552.155336	0.0122	0.99	8.15E-09	count	1
AL356020.1	18.9814015	1199.563582	0.0158	0.987	8.15E-09	count	1
KRT73	18.9814013	1199.563545	0.0158	0.987	8.15E-09	count	1
C8G	18.9814014	1199.563575	0.0158	0.987	8.15E-09	count	1
ATP1A4	18.9814014	1199.563556	0.0158	0.987	8.15E-09	count	1
AC064834.1	18.5753108	1700.774696	0.0109	0.991	8.16E-09	count	1
AC005534.1	18.5753108	1700.774696	0.0109	0.991	8.16E-09	count	1
AC008105.1	18.5753109	1700.774781	0.0109	0.991	8.16E-09	count	1
AC092436.4	18.5753108	1700.774722	0.0109	0.991	8.16E-09	count	1
ATP5MF-PTCD1	18.5753108	1700.77477	0.0109	0.991	8.16E-09	count	1
CCDC183-AS1	18.5753107	1700.774738	0.0109	0.991	8.16E-09	count	1
DCT	18.5753108	1700.77477	0.0109	0.991	8.16E-09	count	1
AC087500.2	18.5753108	1700.774722	0.0109	0.991	8.16E-09	count	1
AC104982.1	18.5753108	1700.774722	0.0109	0.991	8.16E-09	count	1
AC024084.1	18.5753106	1700.774728	0.0109	0.991	8.16E-09	count	1
FXYD4	18.5753108	1700.774754	0.0109	0.991	8.16E-09	count	1
AC012615.5	18.5753107	1700.77468	0.0109	0.991	8.16E-09	count	1
AC012368.2	18.5753106	1700.774643	0.0109	0.991	8.16E-09	count	1
SLC22A14	18.5753106	1700.774643	0.0109	0.991	8.16E-09	count	1
LINC02043	18.5753107	1700.774685	0.0109	0.991	8.16E-09	count	1
AC092535.4	18.5753106	1700.774722	0.0109	0.991	8.16E-09	count	1
AC243829.2	18.5753107	1700.774712	0.0109	0.991	8.16E-09	count	1
OR10H5	18.5753106	1700.774643	0.0109	0.991	8.16E-09	count	1
LINC01381	18.5753107	1700.774701	0.0109	0.991	8.16E-09	count	1
AC093677.2	18.5753107	1700.774743	0.0109	0.991	8.16E-09	count	1
C9	18.5753107	1700.774701	0.0109	0.991	8.16E-09	count	1
AR	18.5753106	1700.774728	0.0109	0.991	8.16E-09	count	1
AC005225.2	18.5753107	1700.774759	0.0109	0.991	8.16E-09	count	1
SSBP3-AS1	18.5753106	1700.774706	0.0109	0.991	8.16E-09	count	1
MARVELD2	18.5753107	1700.774754	0.0109	0.991	8.16E-09	count	1
AC138035.1	18.5753106	1700.774706	0.0109	0.991	8.16E-09	count	1
AC005046.1	18.5753106	1700.774839	0.0109	0.991	8.16E-09	count	1
APOF	18.5753107	1700.774733	0.0109	0.991	8.16E-09	count	1
WNT5A	18.5753105	1700.774685	0.0109	0.991	8.16E-09	count	1
LINC02145	18.5753106	1700.774669	0.0109	0.991	8.16E-09	count	1
GJB7	18.5753106	1700.774669	0.0109	0.991	8.16E-09	count	1

AP001107.7	18.5753106	1700.774669	0.0109	0.991	8.16E-09	count	1
AL136038.5	18.5753106	1700.774728	0.0109	0.991	8.16E-09	count	1
AC004477.3	18.5753105	1700.774717	0.0109	0.991	8.16E-09	count	1
FAM224B	18.5753105	1700.774643	0.0109	0.991	8.16E-09	count	1
STAR	18.5753104	1700.774754	0.0109	0.991	8.16E-09	count	1
AC120498.9	18.5753104	1700.774754	0.0109	0.991	8.16E-09	count	1
AL009181.1	18.5753105	1700.774696	0.0109	0.991	8.16E-09	count	1
AC022613.2	18.5753104	1700.77468	0.0109	0.991	8.16E-09	count	1
AC106820.3	18.5741126	1200.19079	0.0155	0.988	8.16E-09	count	1
PDE6A	18.5741124	1200.190768	0.0155	0.988	8.16E-09	count	1
AL451050.2	18.5741124	1200.190749	0.0155	0.988	8.16E-09	count	1
GPR12	18.5741124	1200.190715	0.0155	0.988	8.16E-09	count	1
TAS2R30	18.5741123	1200.190813	0.0155	0.988	8.16E-09	count	1
GALNT18	18.5741122	1200.190738	0.0155	0.988	8.16E-09	count	1
DEPDC4	18.5741122	1200.190749	0.0155	0.988	8.16E-09	count	1
TSACC	18.5741123	1200.190771	0.0155	0.988	8.16E-09	count	1
CTDSPL	18.5741123	1200.190771	0.0155	0.988	8.16E-09	count	1
CCDC154	18.5741122	1200.190734	0.0155	0.988	8.16E-09	count	1
ALOXE3	18.5741122	1200.190753	0.0155	0.988	8.16E-09	count	1
PADI6	18.5741123	1200.190779	0.0155	0.988	8.16E-09	count	1
AC097662.1	18.5741123	1200.190734	0.0155	0.988	8.16E-09	count	1
CRLF2	18.5741121	1200.190734	0.0155	0.988	8.16E-09	count	1
ZP1	18.5741121	1200.190738	0.0155	0.988	8.16E-09	count	1
AP001107.2	18.5741123	1200.190786	0.0155	0.988	8.16E-09	count	1
AP003392.5	18.5741121	1200.19076	0.0155	0.988	8.16E-09	count	1
OSBP2	18.5741121	1200.190786	0.0155	0.988	8.16E-09	count	1
UCKL1-AS1	18.5341637	2534.006124	0.0073	0.994	8.21E-09	count	1
AC009802.1	18.5341464	2533.994071	0.0073	0.994	8.21E-09	count	1
AL109811.3	18.5341431	2533.977596	0.0073	0.994	8.21E-09	count	1
SAMD14	18.5341309	2533.994411	0.0073	0.994	8.21E-09	count	1
STOX1	18.5341399	2534.006482	0.0073	0.994	8.21E-09	count	1
LINC00310	18.5341335	2534.002616	0.0073	0.994	8.21E-09	count	1
SLC18A2	18.5341486	2533.998146	0.0073	0.994	8.21E-09	count	1
FAM124B	18.5341218	2533.990318	0.0073	0.994	8.21E-09	count	1
CYSRT1	18.534136	2534.006643	0.0073	0.994	8.21E-09	count	1
ITGB8	18.5341254	2534.006765	0.0073	0.994	8.21E-09	count	1
AC107068.1	18.534137	2534.002446	0.0073	0.994	8.21E-09	count	1
C5	18.5341144	2533.98233	0.0073	0.994	8.21E-09	count	1
OPLAH	18.534111	2534.002899	0.0073	0.994	8.21E-09	count	1
RFPL2	18.534129	2533.977841	0.0073	0.994	8.21E-09	count	1
AL590867.1	18.534123	2534.002738	0.0073	0.994	8.21E-09	count	1
AP003392.1	18.5341018	2533.986678	0.0073	0.994	8.21E-09	count	1
AC016745.2	18.5340807	2533.99939	0.0073	0.994	8.21E-09	count	1
KCTD15	18.5340889	2533.991073	0.0073	0.994	8.21E-09	count	1
NLGN3	18.534069	2533.966638	0.0073	0.994	8.21E-09	count	1

CUEDC1	18.5340868	2533.978671	0.0073	0.994	8.21E-09	count	1
AC136475.9	18.5340701	2533.974908	0.0073	0.994	8.21E-09	count	1
DES	18.5340777	2533.982896	0.0073	0.994	8.21E-09	count	1
GTF3C2-AS1	18.5340736	2533.978916	0.0073	0.994	8.21E-09	count	1
CDC42EP1	0.2595404	0.9664752	0.2685	0.788	8.23E-09	count	1
ZBTB34	0.2595404	0.7396339	0.3509	0.726	8.23E-09	count	1
AC093297.2	0.2595404	0.8036029	0.323	0.747	8.23E-09	count	1
LINC00996	0.2595404	1.0027573	0.2588	0.796	8.23E-09	count	1
AC009118.3	0.2614139	0.9084061	0.2878	0.774	8.29E-09	count	1
ZCCHC12	0.2614139	0.8272908	0.316	0.752	8.29E-09	count	1
LINC01393	0.2614139	0.7119136	0.3672	0.713	8.29E-09	count	1
CCDC121	0.2614139	0.6665864	0.3922	0.695	8.29E-09	count	1
BRDT	0.2614139	0.8179999	0.3196	0.749	8.29E-09	count	1
CYBRD1	0.2762861	0.7634404	0.3619	0.717	8.80E-09	count	1
ZNF772	0.2862042	0.926979	0.3087	0.758	9.13E-09	count	1
AL121601.1	0.2862042	0.8370355	0.3419	0.732	9.13E-09	count	1
AC233976.1	0.2862042	0.7612937	0.3759	0.707	9.13E-09	count	1
LRP2BP	0.1125283	0.4816659	0.2336	0.815	9.36E-09	count	1
ZNF792	0.1125283	0.6556293	0.1716	0.864	9.36E-09	count	1
AL392046.1	0.3013507	1.0213149	0.2951	0.768	9.65E-09	count	1
TLN2	0.3013507	0.8673919	0.3474	0.728	9.65E-09	count	1
ZNF705E	0.3013507	0.9457715	0.3186	0.75	9.65E-09	count	1
C16orf95	0.3013507	0.9457715	0.3186	0.75	9.65E-09	count	1
FAM57A	0.1162191	0.6602551	0.176	0.86	9.67E-09	count	1
AC119428.2	0.1185119	0.6398074	0.1852	0.853	9.87E-09	count	1
RAC3	0.1195231	0.4771118	0.2505	0.802	9.96E-09	count	1
AL162231.2	0.3178137	0.8233064	0.386	0.7	1.02E-08	count	1
EPB41L5	0.0461788	0.3795262	0.1217	0.903	1.03E-08	count	1
LDHC	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
IL17D	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
ZNF221	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
SPTBN5	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
NFASC	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
RBFADN	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
FOXE1	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
CNTN4	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
PTK7	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
LRRRC74B	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
RIBC1	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
FAM47E	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
FAM72B	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
TACR2	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
AC005523.1	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
PEBP4	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1
EIF3CL	0.7941978	1.3400863	0.5926	0.553	1.04E-08	count	1

LRP5	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
AC234582.1	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
CENPS-CORT	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
SERF1B	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
LCTL	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
AC023055.1	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
RBM5-AS1	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
LINC02210-CRHR1	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
EFCAB12	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
AC100861.2	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
AC012603.1	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
GOLGA6L10	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
GNMT	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
AC016394.2	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
RASGRF2-AS1	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
PTPRF	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
AC122129.1	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
AC073610.3	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
TNNI2	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
FLT1	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
AL031665.2	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
TTC23	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
AC211476.2	0.7941978	1.1115989	0.7145	0.475	1.04E-08	count	1
CAPN3	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
AP001020.1	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
AURKB	0.7941978	1.0913867	0.7277	0.467	1.04E-08	count	1
UAP1L1	0.1260837	0.4031923	0.3127	0.755	1.05E-08	count	1
ATP1B2	0.3313571	0.6406	0.5173	0.605	1.07E-08	count	1
AL513314.2	0.3429435	0.7947877	0.4315	0.666	1.11E-08	count	1
ATP6AP1L	0.8421828	0.9208455	0.9146	0.36	1.11E-08	count	1
TRIP13	0.8421828	0.8462868	0.9952	0.32	1.11E-08	count	1
ACTG2	2.0346498	0.780595	2.6065	0.0092	1.12E-08	count	1
COL5A3	2.0346498	0.6410019	3.1742	0.0015	1.12E-08	count	1
TEF	0.1349924	0.5198592	0.2597	0.795	1.13E-08	count	1
AC005076.1	0.3590094	0.76515	0.4692	0.639	1.17E-08	count	1
GPR135	0.3590094	0.6901059	0.5202	0.603	1.17E-08	count	1
MELTF	0.3590094	0.7930513	0.4527	0.651	1.17E-08	count	1
ALG10B	0.1395224	0.600834	0.2322	0.816	1.17E-08	count	1
ADAMTSL5	0.1395224	0.6239036	0.2236	0.823	1.17E-08	count	1
CCDC173	0.1405109	0.4729873	0.2971	0.766	1.18E-08	count	1
SH3BP5-AS1	0.3741162	0.8197107	0.4564	0.648	1.22E-08	count	1
PM20D1	0.3741162	0.8310396	0.4502	0.653	1.22E-08	count	1
DNAJB5	0.3741162	0.8584398	0.4358	0.663	1.22E-08	count	1
CCDC183	0.3741162	0.7155815	0.5228	0.601	1.22E-08	count	1
GLIS3	0.3760159	0.6121283	0.6143	0.539	1.22E-08	count	1

C9orf135	0.9360375	0.3058647	3.0603	0.0022	1.25E-08	count	1
RAB19	0.1538454	0.7601067	0.2024	0.84	1.29E-08	count	1
CCDC87	0.9616537	1.4154585	0.6794	0.497	1.30E-08	count	1
PPP1R9A	0.9616537	1.4154585	0.6794	0.497	1.30E-08	count	1
AC104113.1	0.9616537	1.4154585	0.6794	0.497	1.30E-08	count	1
PRX	0.9616537	1.4154585	0.6794	0.497	1.30E-08	count	1
FAXDC2	0.9616537	1.0121267	0.9501	0.342	1.30E-08	count	1
AC012313.8	0.9616537	1.0121267	0.9501	0.342	1.30E-08	count	1
TPST1	0.9616537	1.0121267	0.9501	0.342	1.30E-08	count	1
AC105760.2	0.9616537	1.0121267	0.9501	0.342	1.30E-08	count	1
CACNB4	0.9616537	1.0121267	0.9501	0.342	1.30E-08	count	1
SLC16A5	0.1614978	0.6790576	0.2378	0.812	1.36E-08	count	1
ALG1L2	1.0245043	0.8105443	1.264	0.206	1.39E-08	count	1
HTD2	1.0245043	1.2111249	0.8459	0.398	1.39E-08	count	1
AL021368.3	1.0245043	1.2111249	0.8459	0.398	1.39E-08	count	1
MET	1.0245043	1.2111249	0.8459	0.398	1.39E-08	count	1
AGAP2-AS1	1.0245043	1.2111249	0.8459	0.398	1.39E-08	count	1
CITED1	1.0245043	0.9841034	1.0411	0.298	1.39E-08	count	1
HCFC1-AS1	1.0245043	0.9841034	1.0411	0.298	1.39E-08	count	1
ORC1	1.0245043	0.9841034	1.0411	0.298	1.39E-08	count	1
LINC00880	1.0245043	0.9841034	1.0411	0.298	1.39E-08	count	1
INTU	1.0245043	0.9841034	1.0411	0.298	1.39E-08	count	1
IGLV2-14	1.0245043	0.9841034	1.0411	0.298	1.39E-08	count	1
AC010245.1	1.0245043	0.9841034	1.0411	0.298	1.39E-08	count	1
AL136531.1	1.0245043	0.9841034	1.0411	0.298	1.39E-08	count	1
PRRT2	0.1673109	0.3957261	0.4228	0.672	1.41E-08	count	1
AL117336.3	0.429228	0.5719598	0.7505	0.453	1.42E-08	count	1
MTRNR2L10	0.4301452	0.7447731	0.5776	0.564	1.42E-08	count	1
HEATR5A	0.4316058	0.6933158	0.6225	0.534	1.42E-08	count	1
AC104825.1	0.4316058	0.8514948	0.5069	0.612	1.42E-08	count	1
SH3D21	0.4316058	0.7694052	0.561	0.575	1.42E-08	count	1
AL022157.1	0.4316058	1.0911523	0.3956	0.692	1.42E-08	count	1
SKAP1-AS1	0.434296	1.1234895	0.3866	0.699	1.43E-08	count	1
LINGO3	0.434296	0.9404022	0.4618	0.644	1.43E-08	count	1
SIK1B	0.434296	0.9404022	0.4618	0.644	1.43E-08	count	1
KIAA1522	0.434296	0.917351	0.4734	0.636	1.43E-08	count	1
AC004943.2	0.434296	0.9404022	0.4618	0.644	1.43E-08	count	1
GNAL	0.434296	0.9404022	0.4618	0.644	1.43E-08	count	1
AC034102.5	0.434296	1.0645312	0.408	0.683	1.43E-08	count	1
AL022323.4	0.434296	1.0645312	0.408	0.683	1.43E-08	count	1
CELSR1	0.434296	1.0645312	0.408	0.683	1.43E-08	count	1
ZNF132	0.434296	1.0645312	0.408	0.683	1.43E-08	count	1
TMEM81	0.434296	0.9717461	0.4469	0.655	1.43E-08	count	1
AC104596.1	0.1755519	0.7857422	0.2234	0.823	1.48E-08	count	1
CMTM2	0.1755519	0.9561319	0.1836	0.854	1.48E-08	count	1

KDM8	0.1755519	0.4375564	0.4012	0.688	1.48E-08	count	1
AL512625.1	0.1881981	0.8038795	0.2341	0.815	1.59E-08	count	1
IL21	0.4855078	0.6229881	0.7793	0.436	1.62E-08	count	1
ZNF594	0.4855078	0.6385766	0.7603	0.447	1.62E-08	count	1
ITPKB-AS1	0.1911759	0.5600277	0.3414	0.733	1.62E-08	count	1
CLIP2	0.4856118	0.6918196	0.7019	0.483	1.62E-08	count	1
GPR55	0.4857324	0.8013467	0.6061	0.544	1.62E-08	count	1
AC092953.2	1.178655	0.9067098	1.2999	0.194	1.64E-08	count	1
IDI2-AS1	1.178655	0.8778573	1.3426	0.179	1.64E-08	count	1
AF129075.2	1.178655	0.8171017	1.4425	0.149	1.64E-08	count	1
AC002306.1	0.1935697	0.4378942	0.442	0.658	1.64E-08	count	1
ACCS	0.1959894	0.5956283	0.329	0.742	1.66E-08	count	1
BBS10	0.5017921	0.8364449	0.5999	0.549	1.68E-08	count	1
AC010894.2	0.5017921	0.7952665	0.631	0.528	1.68E-08	count	1
SIRPA	0.5036192	1.088265	0.4628	0.644	1.69E-08	count	1
AC005899.6	0.5036192	0.8388043	0.6004	0.548	1.69E-08	count	1
ACER2	0.1997122	0.9155056	0.2181	0.827	1.70E-08	count	1
YJEFN3	0.2007754	0.4694155	0.4277	0.669	1.71E-08	count	1
TRAV12-3	0.5136787	0.5073967	1.0124	0.311	1.72E-08	count	1
PWAR6	0.2070794	0.6586887	0.3144	0.753	1.76E-08	count	1
DPYSL4	0.2070794	0.5371604	0.3855	0.7	1.76E-08	count	1
CNKSR2	0.2070794	0.5448251	0.3801	0.704	1.76E-08	count	1
OBSCN-AS1	0.533107	0.6815969	0.7821	0.434	1.80E-08	count	1
MYO16	0.5366479	1.1743661	0.457	0.648	1.81E-08	count	1
BNIP1	0.5366479	1.2893067	0.4162	0.677	1.81E-08	count	1
AP003486.1	0.5366479	1.0838197	0.4951	0.621	1.81E-08	count	1
RNF157-AS1	0.5366479	1.13394	0.4733	0.636	1.81E-08	count	1
RGS11	0.5366479	1.13394	0.4733	0.636	1.81E-08	count	1
FAM129C	0.5366479	0.8047769	0.6668	0.505	1.81E-08	count	1
INKA2	1.3121864	1.3134654	0.999	0.318	1.86E-08	count	1
EPHB1	1.3121864	1.3134654	0.999	0.318	1.86E-08	count	1
AL137779.2	1.3121864	1.0952502	1.1981	0.231	1.86E-08	count	1
LINC01063	1.3121864	0.9214992	1.424	0.155	1.86E-08	count	1
AL137186.2	1.3121864	0.9214992	1.424	0.155	1.86E-08	count	1
KIAA0895	0.566569	0.8143383	0.6957	0.487	1.92E-08	count	1
ADAMTS10	0.574702	0.7893636	0.7281	0.467	1.96E-08	count	1
GPRASP2	0.574702	0.8659924	0.6636	0.507	1.96E-08	count	1
FRS3	0.2315808	0.6832055	0.339	0.735	1.98E-08	count	1
AC114271.1	0.5872785	0.7934177	0.7402	0.459	2.00E-08	count	1
AC099522.2	0.5872785	0.6760173	0.8687	0.385	2.00E-08	count	1
SLC9A7	0.2348848	0.6082321	0.3862	0.699	2.01E-08	count	1
LINC01952	1.4108543	0.9208972	1.532	0.126	2.02E-08	count	1
SAPCD1-AS1	1.4108543	0.9208972	1.532	0.126	2.02E-08	count	1
LMLN	0.2398482	0.4750745	0.5049	0.614	2.06E-08	count	1
LINC00663	0.24572	0.6995057	0.3513	0.725	2.11E-08	count	1

LINC00278	0.24572	0.7152091	0.3436	0.731	2.11E-08	count	1
LINC02325	0.2498434	0.6118043	0.4084	0.683	2.15E-08	count	1
HES1	0.6276772	0.6912643	0.908	0.364	2.16E-08	count	1
SIAE	0.6307862	0.8822271	0.715	0.475	2.17E-08	count	1
NFIB	0.6307862	0.9725351	0.6486	0.517	2.17E-08	count	1
DPY19L2	0.6307862	0.8744059	0.7214	0.471	2.17E-08	count	1
AL359541.1	0.6307862	0.9890559	0.6378	0.524	2.17E-08	count	1
AC078785.1	18.565146	3164.085052	0.0059	0.995	2.18E-08	count	1
SAA1	18.4313895	3348.669492	0.0055	0.996	2.18E-08	count	1
AIRE	18.6826543	2494.162924	0.0075	0.994	2.18E-08	count	1
FPR2	18.4307971	2908.522519	0.0063	0.995	2.18E-08	count	1
FBXO24	18.27636	3098.886334	0.0059	0.995	2.19E-08	count	1
AC092112.1	18.2763599	3098.886224	0.0059	0.995	2.19E-08	count	1
PRAM1	18.2763601	3098.886114	0.0059	0.995	2.19E-08	count	1
GNG4	18.2763597	3098.886287	0.0059	0.995	2.19E-08	count	1
WNT9A	18.27636	3098.886279	0.0059	0.995	2.19E-08	count	1
C3orf67	18.5635882	1894.701564	0.0098	0.992	2.19E-08	count	1
AP003419.2	18.5631911	1669.742967	0.0111	0.991	2.19E-08	count	1
GALNT14	18.093031	2827.458472	0.0064	0.995	2.19E-08	count	1
LIN7A	18.093031	2827.458472	0.0064	0.995	2.19E-08	count	1
C20orf144	18.093031	2827.458472	0.0064	0.995	2.19E-08	count	1
MYO10	18.0930308	2827.458422	0.0064	0.995	2.19E-08	count	1
LINC01973	18.0930306	2827.458429	0.0064	0.995	2.19E-08	count	1
AL359962.2	18.274939	1929.526654	0.0095	0.992	2.19E-08	count	1
AC092287.1	18.2744898	1629.497944	0.0112	0.991	2.19E-08	count	1
MAMDC4	18.2744897	1629.497845	0.0112	0.991	2.19E-08	count	1
AC022098.2	18.2744894	1629.497807	0.0112	0.991	2.19E-08	count	1
LINC02413	18.0921798	2037.052491	0.0089	0.993	2.19E-08	count	1
TRBV6-6	18.0921797	2037.052475	0.0089	0.993	2.19E-08	count	1
AL645941.3	17.8688086	2527.592164	0.0071	0.994	2.19E-08	count	1
RASIP1	17.8688086	2527.592125	0.0071	0.994	2.19E-08	count	1
AC046136.1	17.8688084	2527.592138	0.0071	0.994	2.19E-08	count	1
PRR16	17.8688086	2527.5921	0.0071	0.994	2.19E-08	count	1
AL645939.4	17.8688084	2527.592106	0.0071	0.994	2.19E-08	count	1
SCAMP5	17.8688084	2527.592106	0.0071	0.994	2.19E-08	count	1
PLCD4	17.8688084	2527.592093	0.0071	0.994	2.19E-08	count	1
AC107214.1	18.0918537	1873.165484	0.0097	0.992	2.19E-08	count	1
AC128688.2	18.0917066	1693.766869	0.0107	0.991	2.19E-08	count	1
XK	18.0917066	1693.766873	0.0107	0.991	2.19E-08	count	1
LINC02416	18.0917066	1693.766899	0.0107	0.991	2.19E-08	count	1
AC023906.5	18.0917066	1693.766899	0.0107	0.991	2.19E-08	count	1
AP000936.1	18.0913725	1492.888	0.0121	0.99	2.19E-08	count	1
KCNH2	18.0913726	1492.888072	0.0121	0.99	2.19E-08	count	1
SLC9A5	17.8682152	1997.014029	0.0089	0.993	2.19E-08	count	1
HAS3	17.8682151	1997.014054	0.0089	0.993	2.19E-08	count	1

CBFA2T3	17.8682151	1997.014024	0.0089	0.993	2.19E-08	count	1
FAM66B	17.8680616	1785.670524	0.01	0.992	2.19E-08	count	1
CRTC3-AS1	17.8680616	1785.670573	0.01	0.992	2.19E-08	count	1
AC092620.1	17.8680614	1785.670564	0.01	0.992	2.19E-08	count	1
AC008403.2	17.8680613	1785.67051	0.01	0.992	2.19E-08	count	1
AL158163.2	17.8680615	1785.670591	0.01	0.992	2.19E-08	count	1
AP000223.1	17.8680614	1785.670528	0.01	0.992	2.19E-08	count	1
AC013731.1	17.8680614	1785.670524	0.01	0.992	2.19E-08	count	1
LINC02321	17.8680615	1785.670551	0.01	0.992	2.19E-08	count	1
IGLC6	17.8680613	1785.670555	0.01	0.992	2.19E-08	count	1
IL5	19.3756212	1741.047605	0.0111	0.991	2.19E-08	count	1
AC073263.2	17.8677103	1545.621888	0.0116	0.991	2.20E-08	count	1
NUDT12	17.8677103	1545.621907	0.0116	0.991	2.20E-08	count	1
AL356234.2	17.8677102	1545.6219	0.0116	0.991	2.20E-08	count	1
LINC01572	17.8677101	1545.621915	0.0116	0.991	2.20E-08	count	1
RGPD4-AS1	17.8677102	1545.621876	0.0116	0.991	2.20E-08	count	1
C9orf163	17.8677101	1545.621911	0.0116	0.991	2.20E-08	count	1
AC007216.4	17.8677101	1545.621892	0.0116	0.991	2.20E-08	count	1
CDCA3	17.8677102	1545.621876	0.0116	0.991	2.20E-08	count	1
LINC00449	17.8673542	1260.883909	0.0142	0.989	2.20E-08	count	1
CCL14	0.6373871	1.3449518	0.4739	0.636	2.20E-08	count	1
PFKFB4	0.6373871	1.3449518	0.4739	0.636	2.20E-08	count	1
ARHGEF39	0.6373871	0.8454448	0.7539	0.451	2.20E-08	count	1
AC145285.2	0.6373871	1.0753014	0.5928	0.553	2.20E-08	count	1
PINK1-AS	0.6373871	1.0753014	0.5928	0.553	2.20E-08	count	1
POLR2J3	0.6373871	0.7770755	0.8202	0.412	2.20E-08	count	1
ZBTB3	0.6373871	0.7770755	0.8202	0.412	2.20E-08	count	1
L3MBTL4	0.6373871	0.8451853	0.7541	0.451	2.20E-08	count	1
ZNF223	0.6373871	0.8451853	0.7541	0.451	2.20E-08	count	1
GJC2	0.6373871	0.8451853	0.7541	0.451	2.20E-08	count	1
CACNA1D	0.6373871	1.2642156	0.5042	0.614	2.20E-08	count	1
CACNA1C-AS1	0.6373871	0.8961452	0.7113	0.477	2.20E-08	count	1
TLR8	18.6842718	1796.004457	0.0104	0.992	2.20E-08	count	1
CFAP58-DT	18.4710724	2281.378195	0.0081	0.994	2.21E-08	count	1
AC116914.2	18.4710595	2281.378404	0.0081	0.994	2.21E-08	count	1
RHOV	18.4708369	2121.598891	0.0087	0.993	2.21E-08	count	1
ALKAL2	18.4706134	1759.285535	0.0105	0.992	2.21E-08	count	1
KIAA1257	18.3114233	2773.568143	0.0066	0.995	2.21E-08	count	1
PRRG4	18.5207569	1998.411484	0.0093	0.993	2.21E-08	count	1
GLT1D1	18.6809762	2211.2914	0.0084	0.993	2.22E-08	count	1
AL355297.4	18.8117762	1810.501745	0.0104	0.992	2.22E-08	count	1
TLE6	18.1184203	2437.734719	0.0074	0.994	2.22E-08	count	1
ARHGEF28	18.118415	2437.718806	0.0074	0.994	2.22E-08	count	1
SLC35G5	18.118401	2437.735804	0.0074	0.994	2.22E-08	count	1
LIF	18.6810992	1792.467299	0.0104	0.992	2.22E-08	count	1

AC010680.3	18.4824859	2297.051183	0.008	0.994	2.22E-08	count	1
TNNC2	18.6346213	1984.855507	0.0094	0.993	2.22E-08	count	1
MYOM1	18.1182532	1893.930005	0.0096	0.992	2.22E-08	count	1
SLC44A4	18.1182564	1893.929628	0.0096	0.992	2.22E-08	count	1
AC140125.2	18.1182563	1893.929634	0.0096	0.992	2.22E-08	count	1
FRG1-DT	18.1182515	1893.930217	0.0096	0.992	2.22E-08	count	1
AL096855.1	18.1182373	1893.930476	0.0096	0.992	2.22E-08	count	1
SGMS1-AS1	18.4148413	2051.205253	0.009	0.993	2.22E-08	count	1
AC084346.2	18.2896587	1856.26676	0.0099	0.992	2.22E-08	count	1
ATP1B3-AS1	18.1181477	1552.221689	0.0117	0.991	2.22E-08	count	1
AL353622.2	18.1181253	1552.212045	0.0117	0.991	2.22E-08	count	1
LINC02081	18.2885307	1623.830313	0.0113	0.991	2.22E-08	count	1
AC005034.3	18.4817041	1654.164324	0.0112	0.991	2.22E-08	count	1
PRG4	18.2885207	1623.832411	0.0113	0.991	2.22E-08	count	1
AC025259.3	18.2285737	2174.98178	0.0084	0.993	2.22E-08	count	1
PHYHD1	18.2285669	2174.976687	0.0084	0.993	2.22E-08	count	1
AC107871.1	18.2285574	2174.976818	0.0084	0.993	2.22E-08	count	1
ZNF667	1.5353299	1.0248502	1.4981	0.134	2.22E-08	count	1
LINC02478	1.5353299	0.9569533	1.6044	0.109	2.22E-08	count	1
LINC01816	1.5353299	0.9569533	1.6044	0.109	2.22E-08	count	1
CELA1	18.2877099	1494.156234	0.0122	0.99	2.22E-08	count	1
BEST4	17.8738127	2041.672793	0.0088	0.993	2.22E-08	count	1
SSTR2	17.873813	2041.676307	0.0088	0.993	2.23E-08	count	1
CNTN2	17.8738131	2041.672776	0.0088	0.993	2.23E-08	count	1
AL136162.1	18.2286378	1732.029219	0.0105	0.992	2.23E-08	count	1
AC127496.5	17.873813	2041.665791	0.0088	0.993	2.23E-08	count	1
BAAT	18.2286141	1732.033692	0.0105	0.992	2.23E-08	count	1
AC109460.2	17.8737849	2041.673605	0.0088	0.993	2.23E-08	count	1
AC009549.1	17.8737826	2041.666783	0.0088	0.993	2.23E-08	count	1
AC068025.1	17.8737753	2041.673896	0.0088	0.993	2.23E-08	count	1
MB	17.873782	2041.673836	0.0088	0.993	2.23E-08	count	1
KIAA0408	17.873762	2041.670972	0.0088	0.993	2.23E-08	count	1
AC244021.1	17.8737718	2041.663665	0.0088	0.993	2.23E-08	count	1
BACH1-IT2	17.8737723	2041.663623	0.0088	0.993	2.23E-08	count	1
LRRRC75B	17.8737735	2041.674015	0.0088	0.993	2.23E-08	count	1
AL662884.4	17.8737616	2041.660482	0.0088	0.993	2.23E-08	count	1
PCDHGB5	17.8737607	2041.660562	0.0088	0.993	2.23E-08	count	1
AC112721.2	17.8737641	2041.663785	0.0088	0.993	2.23E-08	count	1
AP001160.2	17.8737604	1551.176961	0.0115	0.991	2.23E-08	count	1
AC100814.1	17.8737517	1551.190414	0.0115	0.991	2.23E-08	count	1
VXN	17.8737397	1551.17483	0.0115	0.991	2.23E-08	count	1
RFTN2	17.873711	1551.178145	0.0115	0.991	2.23E-08	count	1
NEK10	18.2281005	1536.398357	0.0119	0.991	2.23E-08	count	1
KLRC4-KLRK1	18.228107	1536.403785	0.0119	0.991	2.23E-08	count	1
POT1-AS1	17.8737126	1551.183369	0.0115	0.991	2.23E-08	count	1

AC004803.1	17.9854386	1703.459447	0.0106	0.992	2.23E-08	count	1
AC021321.1	17.9854441	1703.462594	0.0106	0.992	2.23E-08	count	1
FSBP	17.9854431	1703.463394	0.0106	0.992	2.23E-08	count	1
SNX32	17.9854265	1703.45872	0.0106	0.992	2.23E-08	count	1
CEBPE	17.9846444	1510.972486	0.0119	0.991	2.23E-08	count	1
PDE7B	17.9846461	1510.968951	0.0119	0.991	2.23E-08	count	1
DLL3	17.9846481	1510.97599	0.0119	0.991	2.23E-08	count	1
AC009404.1	0.2606603	0.5774352	0.4514	0.652	2.25E-08	count	1
AL683813.1	0.269281	0.5174713	0.5204	0.603	2.33E-08	count	1
DMGDH	0.2722384	0.4931846	0.552	0.581	2.35E-08	count	1
AC008735.2	0.6780174	0.8027312	0.8446	0.398	2.36E-08	count	1
AP003472.1	0.6780174	0.7002263	0.9683	0.333	2.36E-08	count	1
LINC01004	0.2738071	0.6002089	0.4562	0.648	2.37E-08	count	1
CCDC17	0.6942017	0.9549807	0.7269	0.467	2.42E-08	count	1
AC127002.1	0.7073185	0.9469833	0.7469	0.455	2.47E-08	count	1
FOXO6	0.7073185	0.834073	0.848	0.396	2.47E-08	count	1
AC112236.2	0.7073185	0.8792858	0.8044	0.421	2.47E-08	count	1
TRBV7-9	0.2862042	0.7225971	0.3961	0.692	2.48E-08	count	1
AC145207.2	0.2862042	0.6777199	0.4223	0.673	2.48E-08	count	1
CCNI2	0.2862042	0.5434739	0.5266	0.598	2.48E-08	count	1
KIR3DX1	0.7356275	0.9880674	0.7445	0.457	2.59E-08	count	1
SLC4A5	0.7356275	0.896781	0.8203	0.412	2.59E-08	count	1
SLC22A23	0.7356275	0.7561556	0.9729	0.331	2.59E-08	count	1
EXTL1	0.7364633	0.8801867	0.8367	0.403	2.59E-08	count	1
SLC35F3	0.7364633	0.7335385	1.004	0.315	2.59E-08	count	1
TSPAN7	0.304924	0.6656839	0.4581	0.647	2.66E-08	count	1
LINC02035	0.7566004	0.7468395	1.0131	0.311	2.67E-08	count	1
GPC2	0.7665053	0.6168389	1.2426	0.214	2.71E-08	count	1
CYP4F12	0.3126974	0.6948219	0.45	0.653	2.73E-08	count	1
AP000866.1	0.7731899	0.6731276	1.1487	0.251	2.74E-08	count	1
SEMA6B	0.7731899	0.6731276	1.1487	0.251	2.74E-08	count	1
SERP2	1.8718022	1.0357889	1.8071	0.0708	2.77E-08	count	1
TRAV8-1	1.8718022	0.9432848	1.9843	0.0473	2.77E-08	count	1
CFAP54	1.8718022	0.8934484	2.095	0.0362	2.77E-08	count	1
ASAH2B	0.3178137	0.5840279	0.5442	0.586	2.78E-08	count	1
IPO4	0.7941978	0.8184452	0.9704	0.332	2.82E-08	count	1
LIN37	0.322609	0.5444839	0.5925	0.554	2.82E-08	count	1
TIGD6	0.7941978	0.8301138	0.9567	0.339	2.82E-08	count	1
ST3GAL5-AS1	0.7941978	1.1115988	0.7145	0.475	2.82E-08	count	1
PAK6	0.7941978	0.8701722	0.9127	0.361	2.82E-08	count	1
C11orf74	0.7941978	0.771292	1.0297	0.303	2.82E-08	count	1
CIART	0.7941978	0.7784749	1.0202	0.308	2.82E-08	count	1
ADNP-AS1	0.7941978	1.0501593	0.7563	0.45	2.82E-08	count	1
AC027682.1	0.7941978	0.9755296	0.8141	0.416	2.82E-08	count	1
SLC39A14	0.3248961	0.5199673	0.6248	0.532	2.84E-08	count	1

LINC01473	0.3279762	0.7115646	0.4609	0.645	2.87E-08	count	1
CDNF	0.8177995	0.758516	1.0782	0.281	2.92E-08	count	1
ZDHHC11	0.8271381	0.857732	0.9643	0.335	2.96E-08	count	1
AC006213.2	0.8271381	0.7838846	1.0552	0.291	2.96E-08	count	1
AL359513.1	0.3369405	0.387891	0.8686	0.385	2.96E-08	count	1
LINC01465	0.3459882	0.6034259	0.5734	0.566	3.04E-08	count	1
AC004771.3	0.8510615	0.9025577	0.9429	0.346	3.06E-08	count	1
FCER1A	0.8791232	1.0648239	0.8256	0.409	3.17E-08	count	1
TNXB	0.8791232	0.9728518	0.9037	0.366	3.17E-08	count	1
PIP5KL1	0.8791232	0.9728518	0.9037	0.366	3.17E-08	count	1
KRT2	0.8791232	0.7883703	1.1151	0.265	3.17E-08	count	1
AC007216.2	0.8791232	0.8657676	1.0154	0.31	3.17E-08	count	1
ZKSCAN2	0.8804428	0.9181645	0.9589	0.338	3.18E-08	count	1
ZNF793-AS1	0.8804428	0.7442463	1.183	0.237	3.18E-08	count	1
KCNH3	0.9195593	0.9963526	0.9229	0.356	3.34E-08	count	1
CAND2	0.9195593	0.9642253	0.9537	0.34	3.34E-08	count	1
FUK	0.3870159	0.4767668	0.8118	0.417	3.44E-08	count	1
URB1	0.3880284	0.3957044	0.9806	0.327	3.45E-08	count	1
RMRP	0.3901776	0.7036631	0.5545	0.579	3.47E-08	count	1
SENP8	0.9564443	0.727834	1.3141	0.189	3.50E-08	count	1
PHEX	0.9564443	0.6070438	1.5756	0.115	3.50E-08	count	1
PIK3IP1-AS1	0.3953575	0.6723908	0.588	0.557	3.52E-08	count	1
ISLR	0.9616537	0.7897781	1.2176	0.223	3.52E-08	count	1
AC024361.2	0.9616537	1.4154585	0.6794	0.497	3.52E-08	count	1
AL121845.4	0.9616537	0.9383958	1.0248	0.306	3.52E-08	count	1
AC124242.1	0.9616537	1.0121267	0.9501	0.342	3.52E-08	count	1
TRBV6-1	0.9616537	1.0121267	0.9501	0.342	3.52E-08	count	1
DBNDD1	0.9616537	0.9154123	1.0505	0.294	3.52E-08	count	1
PCBP3	0.9616537	0.7152132	1.3446	0.179	3.52E-08	count	1
AC104035.1	2.371122	0.7296513	3.2497	0.0012	3.54E-08	count	1
TRBV21-1	0.9673459	0.4729666	2.0453	0.0409	3.54E-08	count	1
AC040977.1	0.4021756	0.5547969	0.7249	0.469	3.58E-08	count	1
MRVI1	0.9846457	1.1262	0.8743	0.382	3.61E-08	count	1
AC007993.3	0.9846457	0.8398505	1.1724	0.241	3.62E-08	count	1
CDO1	0.4066228	0.6186265	0.6573	0.511	3.63E-08	count	1
LAMA2	0.9953081	1.1451574	0.8691	0.385	3.66E-08	count	1
TRPV1	0.9953081	0.8846778	1.1251	0.261	3.66E-08	count	1
AC092053.3	0.9953081	0.8846778	1.1251	0.261	3.66E-08	count	1
AP003392.6	0.9953081	0.8878298	1.1211	0.262	3.66E-08	count	1
AMY2B	0.9953081	1.0976168	0.9068	0.365	3.66E-08	count	1
AC090948.2	0.9953081	1.0479216	0.9498	0.342	3.66E-08	count	1
SYK	1.01518	0.7782715	1.3044	0.192	3.75E-08	count	1
TMC3-AS1	1.0245043	0.7800833	1.3133	0.189	3.78E-08	count	1
PLEKHH2	0.4271103	0.4639426	0.9206	0.357	3.83E-08	count	1
PXT1	0.4307813	0.6202224	0.6946	0.487	3.86E-08	count	1

AL137003.1	0.4331785	0.6633703	0.653	0.514	3.89E-08	count	1
NKD1	0.434296	0.548287	0.7921	0.428	3.90E-08	count	1
LINC01679	0.4357785	0.6514764	0.6689	0.504	3.91E-08	count	1
AC096992.2	1.0537404	0.6792589	1.5513	0.121	3.91E-08	count	1
GRAMD1C	1.0674303	0.9762793	1.0934	0.274	3.97E-08	count	1
PZP	1.0674303	0.6162989	1.732	0.0834	3.97E-08	count	1
UCN	1.0691226	0.8800905	1.2148	0.225	3.98E-08	count	1
NT5E	1.0691226	1.0607096	1.0079	0.314	3.98E-08	count	1
MCOLN3	1.0691226	0.7543212	1.4173	0.156	3.98E-08	count	1
AL031663.3	1.0934287	0.8355869	1.3086	0.191	4.09E-08	count	1
AC012358.3	1.0934287	0.9168668	1.1926	0.233	4.09E-08	count	1
C2CD2	0.4556929	0.5134166	0.8876	0.375	4.11E-08	count	1
EVI5	0.4667918	0.6079771	0.7678	0.443	4.22E-08	count	1
AL024507.2	1.1298648	0.636394	1.7754	0.0759	4.24E-08	count	1
DOK6	0.4714661	0.4384991	1.0752	0.282	4.27E-08	count	1
ZNF610	1.1407733	0.907411	1.2572	0.209	4.30E-08	count	1
LINC00504	1.1407733	0.8547658	1.3346	0.182	4.30E-08	count	1
AC018362.1	0.4750965	0.7256949	0.6547	0.513	4.30E-08	count	1
YY2	1.1607197	1.0168764	1.1415	0.254	4.38E-08	count	1
ZNF556	1.1607197	1.4550887	0.7977	0.425	4.38E-08	count	1
GP1BA	1.1607197	1.4550887	0.7977	0.425	4.38E-08	count	1
Z95115.1	1.1607197	1.171489	0.9908	0.322	4.38E-08	count	1
IL20RB	1.1607197	1.171489	0.9908	0.322	4.38E-08	count	1
AC139795.2	1.1607197	1.171489	0.9908	0.322	4.38E-08	count	1
TMEM232	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
SHB	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
AC016588.2	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
AL356215.1	1.1607197	1.171489	0.9908	0.322	4.38E-08	count	1
AC010186.1	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
AC107241.1	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
SYCE2	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
ACY3	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
TRIM7	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
OR4D9	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
AC008878.3	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
AL022341.1	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
TBC1D8	1.1607197	1.2114579	0.9581	0.338	4.38E-08	count	1
TBC1D12	1.1607197	1.0235038	1.1341	0.257	4.39E-08	count	1
AC006042.4	1.1607197	1.06902	1.0858	0.278	4.39E-08	count	1
ZSCAN5A	0.4900253	0.4205951	1.1651	0.244	4.45E-08	count	1
FASN	0.4933125	0.3895169	1.2665	0.205	4.49E-08	count	1
XPNPEP2	1.2101044	1.3888675	0.8713	0.384	4.60E-08	count	1
RECQL4	1.2262057	0.833395	1.4713	0.141	4.67E-08	count	1
CTTN	0.5122019	0.6633135	0.7722	0.44	4.68E-08	count	1
AVIL	0.5172431	0.7237994	0.7146	0.475	4.73E-08	count	1

AL596202.1	0.5172431	0.5969246	0.8665	0.386	4.73E-08	count	1
AL139099.1	1.2408225	0.9146827	1.3566	0.175	4.73E-08	count	1
PNMA5	1.2408225	0.6823729	1.8184	0.0691	4.73E-08	count	1
AC008914.1	1.2476111	0.6457894	1.9319	0.0535	4.76E-08	count	1
EGFL6	0.533107	0.7531178	0.7079	0.479	4.89E-08	count	1
EPB41L3	0.533107	0.583726	0.9133	0.361	4.89E-08	count	1
PRR29-AS1	1.2770258	1.0186153	1.2537	0.21	4.90E-08	count	1
AP000442.2	1.2897664	0.8511664	1.5153	0.13	4.95E-08	count	1
ZNF501	1.2897664	0.8215539	1.5699	0.117	4.95E-08	count	1
AC009283.1	1.2897664	1.2224008	1.0551	0.291	4.96E-08	count	1
AC092375.2	1.2897664	1.1861074	1.0874	0.277	4.96E-08	count	1
DENND2A	1.2897664	1.1861074	1.0874	0.277	4.96E-08	count	1
RORB	1.2897664	1.1861074	1.0874	0.277	4.96E-08	count	1
AC067747.1	1.2897664	1.1861074	1.0874	0.277	4.96E-08	count	1
AL512353.1	1.2897664	0.9654361	1.3359	0.182	4.96E-08	count	1
AL160006.1	1.2897664	0.9654361	1.3359	0.182	4.96E-08	count	1
SEMA5A	1.2897664	1.138477	1.1329	0.257	4.96E-08	count	1
PARD6G	0.5413041	0.4602863	1.176	0.24	4.97E-08	count	1
RASSF8	1.3513274	0.9737954	1.3877	0.165	5.23E-08	count	1
AC139887.4	1.3513274	0.797519	1.6944	0.0903	5.23E-08	count	1
TCAP	1.3604023	0.8538466	1.5933	0.111	5.27E-08	count	1
CTPS2	0.5704541	0.6155326	0.9268	0.354	5.27E-08	count	1
FSTL3	0.5805312	0.8141797	0.713	0.476	5.37E-08	count	1
AP000904.1	1.4108543	1.569771	0.8988	0.369	5.50E-08	count	1
CMYA5	1.4108543	1.569771	0.8988	0.369	5.50E-08	count	1
RGPD8	1.4108543	0.9875098	1.4287	0.153	5.50E-08	count	1
AC022098.4	1.4108543	0.9875098	1.4287	0.153	5.50E-08	count	1
CELSR2	1.4108543	0.9875098	1.4287	0.153	5.50E-08	count	1
SHISA4	0.5939002	0.6297879	0.943	0.346	5.51E-08	count	1
AC124016.2	1.4176585	0.7974839	1.7777	0.0755	5.53E-08	count	1
OSBPL1A	1.4240142	0.7979748	1.7845	0.0744	5.55E-08	count	1
AC097724.1	1.4240142	1.5703163	0.9068	0.365	5.55E-08	count	1
SYCP3	1.4240142	1.2636411	1.1269	0.26	5.56E-08	count	1
ALPK3	1.4240142	1.2636411	1.1269	0.26	5.56E-08	count	1
Z97989.1	1.4240142	1.2656776	1.1251	0.261	5.56E-08	count	1
AL121987.2	1.4240142	1.2656776	1.1251	0.261	5.56E-08	count	1
KCNN1	1.4240142	1.2656776	1.1251	0.261	5.56E-08	count	1
AC008906.1	1.4240142	1.1772644	1.2096	0.227	5.56E-08	count	1
Z83847.1	1.4240142	1.1772644	1.2096	0.227	5.56E-08	count	1
ADPGK-AS1	1.4240142	1.1772644	1.2096	0.227	5.56E-08	count	1
AC006160.1	1.4240142	1.1772644	1.2096	0.227	5.56E-08	count	1
USP54	1.481989	0.8514595	1.7405	0.0819	5.80E-08	count	1
AC108866.1	1.481989	0.9281724	1.5967	0.11	5.80E-08	count	1
POU2AF1	0.6276772	0.8621982	0.728	0.467	5.87E-08	count	1
STK36	0.6276772	0.8469675	0.7411	0.459	5.87E-08	count	1

CYP4F3	17.9720884	1881.030208	0.0096	0.992	5.92E-08	count	1
HIST1H3I	18.1245047	1042.549167	0.0174	0.986	5.93E-08	count	1
TERC	17.9702876	1127.235911	0.0159	0.987	5.93E-08	count	1
CXCL14	18.1700581	1841.699079	0.0099	0.992	5.95E-08	count	1
LINC00886	17.8335201	1571.495427	0.0113	0.991	5.98E-08	count	1
LRRK2	18.4858162	1898.006846	0.0097	0.992	5.98E-08	count	1
AL109767.1	17.9284343	1136.200589	0.0158	0.987	5.98E-08	count	1
AC010336.1	17.8331807	1291.984178	0.0138	0.989	5.98E-08	count	1
ABALON	17.7267201	1192.807012	0.0149	0.988	5.99E-08	count	1
AL358472.2	18.3652789	1483.300495	0.0124	0.99	5.99E-08	count	1
AL451060.1	17.6980701	1185.272405	0.0149	0.988	6.02E-08	count	1
CCDC114	17.9594146	1202.806306	0.0149	0.988	6.02E-08	count	1
C1QTNF3	1.5326811	1.1244963	1.363	0.173	6.03E-08	count	1
SYT15	1.5298894	1.3271914	1.1527	0.249	6.04E-08	count	1
AC034102.4	1.5298894	1.3271914	1.1527	0.249	6.04E-08	count	1
ASB9	1.5298894	1.0929907	1.3997	0.162	6.04E-08	count	1
FFAR3	1.5298894	1.0929907	1.3997	0.162	6.04E-08	count	1
AL390957.1	1.5298894	1.0929907	1.3997	0.162	6.04E-08	count	1
AC010503.4	1.5298894	1.0929907	1.3997	0.162	6.04E-08	count	1
WFS1	1.5298894	1.0929907	1.3997	0.162	6.04E-08	count	1
AL122035.2	1.5298894	1.0929907	1.3997	0.162	6.04E-08	count	1
CLIP3	1.5298894	1.1802593	1.2962	0.195	6.04E-08	count	1
AC012640.2	0.6473755	0.5830644	1.1103	0.267	6.08E-08	count	1
AC023355.1	0.6629039	0.6644683	0.9976	0.319	6.24E-08	count	1
AC105277.1	0.6633154	0.8694395	0.7629	0.446	6.24E-08	count	1
AL451074.2	1.5820218	1.0033554	1.5767	0.115	6.26E-08	count	1
BACE1-AS	1.5820218	0.8876072	1.7823	0.0748	6.26E-08	count	1
WDFY3	0.6721052	0.7973751	0.8429	0.399	6.34E-08	count	1
ADORA2A-AS1	0.682179	0.8848143	0.771	0.441	6.45E-08	count	1
CHRNA1	1.6306401	0.788424	2.0682	0.0387	6.46E-08	count	1
LINC01551	1.6303283	1.3658462	1.1936	0.233	6.48E-08	count	1
FSD1	1.6303283	1.0992148	1.4832	0.138	6.48E-08	count	1
AF129408.1	1.6303283	1.0992148	1.4832	0.138	6.48E-08	count	1
RAB9B	1.6303283	1.0992148	1.4832	0.138	6.48E-08	count	1
AP001412.1	1.6303283	1.023866	1.5923	0.111	6.48E-08	count	1
NUDT11	1.6303283	1.023866	1.5923	0.111	6.48E-08	count	1
FAM95C	1.6296627	1.1610155	1.4037	0.161	6.49E-08	count	1
MYO5C	1.6303283	1.1070904	1.4726	0.141	6.49E-08	count	1
TRBV7-3	1.6296627	0.964408	1.6898	0.0912	6.49E-08	count	1
GPA33	1.6296627	0.9039514	1.8028	0.0715	6.49E-08	count	1
DNAH1	1.675996	0.8163048	2.0531	0.0401	6.68E-08	count	1
CIPC	0.7073185	0.5258087	1.3452	0.179	6.72E-08	count	1
CDK3	0.7104672	0.6693171	1.0615	0.289	6.75E-08	count	1
IL1RL1	1.7219161	1.0199307	1.6883	0.0915	6.88E-08	count	1
TTC7B	1.7234441	1.0061791	1.7129	0.0868	6.90E-08	count	1

PID1	1.7234441	1.6469779	1.0464	0.295	6.90E-08	count	1
AC133919.1	1.7234441	0.9203605	1.8726	0.0612	6.90E-08	count	1
ZNF81	0.729193	0.5047491	1.4447	0.149	6.96E-08	count	1
RERGL	0.7356275	0.6788167	1.0837	0.279	7.02E-08	count	1
BACE1	1.7636814	0.8355979	2.1107	0.0349	7.08E-08	count	1
HOMER1	0.7428895	0.436428	1.7022	0.0888	7.11E-08	count	1
MCTP1	0.7447586	0.6282049	1.1855	0.236	7.13E-08	count	1
ACRBP	1.800293	1.4529054	1.2391	0.215	7.23E-08	count	1
DNAJC25-GNG10	1.800293	1.4328971	1.2564	0.209	7.23E-08	count	1
DNMBP-AS1	1.800293	1.1631322	1.5478	0.122	7.23E-08	count	1
TTC26	1.800293	1.3418302	1.3417	0.18	7.23E-08	count	1
AC004130.1	1.800293	1.1922581	1.51	0.131	7.24E-08	count	1
UBAP1L	1.8057298	1.0843389	1.6653	0.0959	7.27E-08	count	1
HEATR9	1.8057298	1.0351002	1.7445	0.0812	7.28E-08	count	1
HIST1H2BD	0.7654299	0.5331087	1.4358	0.151	7.35E-08	count	1
AC008440.1	1.8718022	0.8269399	2.2635	0.0237	7.52E-08	count	1
PLS1	0.7813026	0.5513467	1.4171	0.157	7.53E-08	count	1
SMIM33	1.8788976	0.9690206	1.939	0.0526	7.60E-08	count	1
PTGDR2	1.8902352	1.215917	1.5546	0.12	7.62E-08	count	1
U91328.1	1.9449673	1.3374289	1.4543	0.146	7.86E-08	count	1
ZCWPW2	1.9449673	1.3374289	1.4543	0.146	7.86E-08	count	1
HEMGN	0.8144499	0.6303479	1.2921	0.196	7.89E-08	count	1
AC083973.1	0.8144499	0.5565651	1.4634	0.143	7.90E-08	count	1
E2F2	1.9535838	1.3194334	1.4806	0.139	7.92E-08	count	1
DUOX1	1.9580315	0.8465281	2.313	0.0208	7.92E-08	count	1
IL17RB	1.9625745	1.7107378	1.1472	0.251	7.96E-08	count	1
AC106047.1	0.8227476	0.6724776	1.2235	0.221	7.99E-08	count	1
AL357033.4	0.8369351	0.8770092	0.9543	0.34	8.14E-08	count	1
SGCE	0.8369351	0.703792	1.1892	0.234	8.14E-08	count	1
SLC5A2	0.8369351	0.7166944	1.1678	0.243	8.15E-08	count	1
PRR36	2.0147554	1.2043737	1.6729	0.0944	8.17E-08	count	1
TCTEX1D4	2.0147554	1.1311592	1.7811	0.075	8.17E-08	count	1
LINC01422	2.0812979	1.5376305	1.3536	0.176	8.45E-08	count	1
ST6GALNAC3	2.0812979	1.0573702	1.9684	0.0491	8.46E-08	count	1
S100A12	2.0919243	1.0289169	2.0331	0.0421	8.50E-08	count	1
LRRC37A3	2.0919243	1.0388755	2.0136	0.0441	8.51E-08	count	1
ESR2	2.133791	1.0963501	1.9463	0.0517	8.68E-08	count	1
AL359711.2	0.8963757	0.568425	1.5769	0.115	8.82E-08	count	1
DLGAP1-AS2	0.9001814	0.5445756	1.653	0.0984	8.87E-08	count	1
ATP6V0E2-AS1	2.193856	1.128667	1.9438	0.052	8.93E-08	count	1
GPR27	2.2052881	1.0038763	2.1968	0.0281	8.98E-08	count	1
EPGN	2.2052881	0.9758261	2.2599	0.0239	8.99E-08	count	1
NLGN2	0.9275408	0.6038951	1.5359	0.125	9.17E-08	count	1
ZNF768	0.9584132	0.6208951	1.5436	0.123	9.53E-08	count	1
KLRC3	0.9584132	0.6142896	1.5602	0.119	9.53E-08	count	1

BAIAP2L1	2.3471256	1.2375304	1.8966	0.058	9.54E-08	count	1
GASAL1	0.9718402	0.5727906	1.6967	0.0898	9.68E-08	count	1
LINC02029	0.974132	0.8508799	1.1449	0.252	9.70E-08	count	1
AC074117.1	0.979116	0.564277	1.7352	0.0828	9.77E-08	count	1
AP002986.1	2.446075	1.3531209	1.8077	0.0707	9.92E-08	count	1
SNPH	2.6169699	1.1237061	2.3289	0.0199	1.05E-07	count	1
EPPK1	1.0557664	0.6693144	1.5774	0.115	1.07E-07	count	1
SNX33	1.1160501	0.7072072	1.5781	0.115	1.14E-07	count	1
VASN	1.1607197	0.7092809	1.6365	0.102	1.19E-07	count	1
AC022021.1	1.1607197	0.7240474	1.6031	0.109	1.19E-07	count	1
AC106739.1	1.1607197	0.7924313	1.4648	0.143	1.19E-07	count	1
VDR	1.1607197	0.7664931	1.5143	0.13	1.19E-07	count	1
BX323046.1	1.1728771	0.8483935	1.3825	0.167	1.20E-07	count	1
LINC01132	1.2152053	0.7143482	1.7011	0.089	1.26E-07	count	1
ZKSCAN7	1.2183574	0.8157481	1.4935	0.135	1.26E-07	count	1
AC025171.5	1.3051157	0.8792019	1.4844	0.138	1.36E-07	count	1
CCDC168	1.3377207	0.9226358	1.4499	0.147	1.40E-07	count	1
AC022075.1	1.3848753	0.5890265	2.3511	0.0188	1.46E-07	count	1
AL353759.1	1.4000952	0.6119573	2.2879	0.0222	1.48E-07	count	1
AKAP12	1.4108543	0.8639773	1.633	0.103	1.50E-07	count	1
PAXBP1-AS1	1.4599812	0.7738868	1.8866	0.0593	1.55E-07	count	1
AC103724.3	1.505772	0.6306321	2.3877	0.017	1.61E-07	count	1
TRAV5	1.6753874	0.9717438	1.7241	0.0848	1.81E-07	count	1
PCP2	1.675996	0.9292652	1.8036	0.0714	1.81E-07	count	1
CR1	1.6766291	1.2838927	1.3059	0.192	1.82E-07	count	1
NCKAP1	1.69156	0.7918536	2.1362	0.0327	1.83E-07	count	1
MME	1.7190224	1.2201284	1.4089	0.159	1.87E-07	count	1
PLB1	2.1080331	0.5606645	3.7599	2.00E-04	2.34E-07	count	1
FBLN1	2.3785743	0.7398109	3.2151	0.0013	2.63E-07	count	1
AC139720.1	0.9718236	0.3541637	2.744	0.0061	2.65E-07	count	1
HPGDS	2.6369353	1.1951985	2.2063	0.0274	2.89E-07	count	1
SPDYA	2.6450996	1.2803916	2.0659	0.0389	2.89E-07	count	1
CXCL13	1.0916436	0.561368	1.9446	0.0519	3.20E-07	count	1
IL13	3.5729609	2.0342394	1.7564	0.0791	1.10E-06	count	1
LINC00909	1.46E-05	0.1796232	1.00E-04	1	1.91E-05	count	1
AC090114.2	6.46E-05	0.3477364	2.00E-04	1	2.13E-05	count	1
PIM1	5.44E-05	0.08147	7.00E-04	0.999	7.70E-05	count	1
PARL	7.49E-05	0.1285425	6.00E-04	1	0.000101448	count	1
POR	0.0001321	0.168436	8.00E-04	0.999	0.000158973	count	1
TBC1D15	0.000211	0.1221942	0.0017	0.999	0.000275329	count	1
AL139393.2	0.0013057	0.4611296	0.0028	0.998	0.000700417	count	1
THAP11	0.0007003	0.093755	0.0075	0.994	0.000974143	count	1
ATP2A3	0.0007595	0.1461706	0.0052	0.996	0.001010367	count	1
URI1	0.0007215	0.0760032	0.0095	0.992	0.00101797	count	1
HIPK3	0.0007894	0.1385579	0.0057	0.995	0.00104911	count	1

HMGN4	0.0008763	0.2101342	0.0042	0.997	0.001081501	count	1
NT5C2	0.0013347	0.2864733	0.0047	0.996	0.001298695	count	1
NUTF2	0.0009311	0.1055771	0.0088	0.993	0.001301793	count	1
NSDHL	0.0012071	0.3147112	0.0038	0.997	0.001466236	count	1
GSTZ1	0.0015077	0.3270522	0.0046	0.996	0.001467049	count	1
GAPLINC	0.0034656	0.8331217	0.0042	0.997	0.001537768	count	1
DHX35	0.0082786	0.3981326	0.0208	0.983	0.001541947	count	1
KLF8	0.0083926	0.5356038	0.0157	0.987	0.00156322	count	1
MCM2	0.0048946	0.6850807	0.0071	0.994	0.001613752	count	1
SLC6A16	0.0088106	0.777153	0.0113	0.991	0.00164123	count	1
AC021028.1	0.0088106	1.067117	0.0083	0.993	0.00164123	count	1
CARD16	0.001192	0.0814292	0.0146	0.988	0.001690178	count	1
BMPR1A	0.003272	0.452962	0.0072	0.994	0.001755754	count	1
AC098818.2	0.002589	0.4839793	0.0053	0.996	0.00175695	count	1
MAML1	0.0016653	0.2503482	0.0067	0.995	0.001772243	count	1
GNB5	0.0014501	0.1645985	0.0088	0.993	0.001818912	count	1
ZNF460	0.0034461	0.327474	0.0105	0.992	0.001849228	count	1
TIPRL	0.0013733	0.0941811	0.0146	0.988	0.001918324	count	1
OLMALINC	0.003245	0.5777191	0.0056	0.996	0.001991402	count	1
ZNF354A	0.0019606	0.2004616	0.0098	0.992	0.002024081	count	1
ATG14	0.00161	0.1888445	0.0085	0.993	0.002055619	count	1
BBS9	0.0026874	0.3417509	0.0079	0.994	0.00210207	count	1
PHLPP2	0.0116097	0.4787793	0.0242	0.981	0.002163986	count	1
ECH1	0.0016161	0.0648188	0.0249	0.98	0.002301574	count	1
ZNF543	0.0053235	0.6854077	0.0078	0.994	0.002362938	count	1
ARL6IP1	0.0017707	0.0848542	0.0209	0.983	0.002482284	count	1
CAPN2	0.0017884	0.0897113	0.0199	0.984	0.002499686	count	1
SRP72	0.0017812	0.082988	0.0215	0.983	0.002514564	count	1
MINDY3	0.0023416	0.2495985	0.0094	0.993	0.002525206	count	1
GNB1L	0.002093	0.2274386	0.0092	0.993	0.002553313	count	1
SPECC1L	0.0032043	0.33358	0.0096	0.992	0.002640867	count	1
MIER2	0.0025656	0.3437431	0.0075	0.994	0.002691306	count	1
CENPC	0.001935	0.0762345	0.0254	0.98	0.002727405	count	1
UTP23	0.0020562	0.1204286	0.0171	0.986	0.002828011	count	1
LCP2	0.0020589	0.0981478	0.021	0.983	0.002866248	count	1
CD99	0.0020056	0.0342867	0.0585	0.953	0.002885247	count	1
THSD1	0.0088106	0.6868916	0.0128	0.99	0.002907097	count	1
CHCHD2	0.0020538	0.0336273	0.0611	0.951	0.002949937	count	1
TM9SF1	0.0033298	0.3754667	0.0089	0.993	0.002976343	count	1
CNOT10	0.0024376	0.1811062	0.0135	0.989	0.00309811	count	1
CXXC1	0.0025998	0.1842423	0.0141	0.989	0.003196949	count	1
TRIT1	0.0061454	0.3748185	0.0164	0.987	0.003299139	count	1
TMED9	0.0023821	0.0799802	0.0298	0.976	0.003341784	count	1
DCAF6	0.0033577	0.2133882	0.0157	0.987	0.003406237	count	1
ZNF106	0.00262	0.1248898	0.021	0.983	0.003573529	count	1

RPL24	0.002573	0.0179401	0.1434	0.886	0.003707806	count	1
FAM216A	0.0040745	0.3631933	0.0112	0.991	0.003761492	count	1
ZXDA	0.0070169	0.4289425	0.0164	0.987	0.003767526	count	1
PTPRM	0.0085667	0.5077828	0.0169	0.987	0.003804671	count	1
TMEM242	0.0028502	0.1480082	0.0193	0.985	0.003827824	count	1
ZDHHC12	0.0027739	0.1267726	0.0219	0.983	0.003830527	count	1
SPON1	0.0086605	0.4886845	0.0177	0.986	0.003846393	count	1
TTC37	0.0030178	0.1379089	0.0219	0.983	0.003869708	count	1
MEAF6	0.0027358	0.0674751	0.0405	0.968	0.003890407	count	1
SRRM2	0.0027644	0.0483546	0.0572	0.954	0.00394985	count	1
MRPS18B	0.002945	0.1303208	0.0226	0.982	0.003984842	count	1
PHB2	0.0028167	0.0673985	0.0418	0.967	0.003990194	count	1
CDC34	0.0029272	0.1055091	0.0277	0.978	0.004003208	count	1
GORAB	0.0034004	0.2574654	0.0132	0.989	0.004028114	count	1
AL691432.2	0.0090892	0.5706543	0.0159	0.987	0.004037097	count	1
LINC00893	0.021861	0.3993702	0.0547	0.956	0.004084018	count	1
ZCCHC14	0.0049615	0.3705931	0.0134	0.989	0.004089873	count	1
PTBP3	0.0029564	0.0971195	0.0304	0.976	0.004103102	count	1
FAM210B	0.0031923	0.2073139	0.0154	0.988	0.004153066	count	1
SMDT1	0.0029757	0.0582725	0.0511	0.9593	0.004242041	count	1
ZNF451	0.0032465	0.1342592	0.0242	0.981	0.004248882	count	1
STRN3	0.0032736	0.1625384	0.0201	0.984	0.004251996	count	1
PPOX	0.0035966	0.2582612	0.0139	0.989	0.004260571	count	1
PDE8A	0.0050831	0.2926191	0.0174	0.986	0.004377806	count	1
MAN1B1-DT	0.0044372	0.3543054	0.0125	0.99	0.004501709	count	1
HSD17B11	0.0032709	0.0850604	0.0385	0.969	0.004596206	count	1
ATP5F1D	0.003269	0.0439812	0.0743	0.941	0.004685651	count	1
UBXN6	0.0039145	0.2206997	0.0177	0.986	0.004711591	count	1
CYSLTR1	0.0035965	0.1476541	0.0244	0.981	0.004713517	count	1
QKI	0.0034746	0.1175097	0.0296	0.976	0.004720303	count	1
DHRS4-AS1	0.0037609	0.2303381	0.0163	0.987	0.004851065	count	1
C8orf33	0.0039883	0.1775013	0.0225	0.982	0.004865809	count	1
SHMT1	0.0051487	0.2661158	0.0193	0.985	0.004889042	count	1
TGS1	0.0037219	0.0998664	0.0373	0.97	0.005129017	count	1
CUTA	0.0036372	0.0498949	0.0729	0.9419	0.005200039	count	1
NDUFA12	0.0036946	0.0637779	0.0579	0.954	0.00526482	count	1
RBM48	0.0042127	0.1865404	0.0226	0.982	0.005284627	count	1
LINC01353	0.0086367	0.4516165	0.0191	0.985	0.005304384	count	1
EXD3	0.004644	0.2796367	0.0166	0.987	0.005359585	count	1
RPS2	0.0037963	0.0146092	0.2599	0.795	0.00547371	count	1
CCDC124	0.0039685	0.1150742	0.0345	0.972	0.00551024	count	1
ZNF506	0.0042671	0.1554455	0.0275	0.978	0.00556016	count	1
ADPGK	0.0043552	0.159656	0.0273	0.978	0.005584861	count	1
TPRKB	0.0041175	0.1213073	0.0339	0.973	0.005599633	count	1
NUAK1	0.0068475	0.7976007	0.0086	0.993	0.005645706	count	1

SLC20A1	0.0040924	0.1022091	0.04	0.968	0.005683508	count	1
SNURF	0.0176459	0.6522512	0.0271	0.978	0.005832431	count	1
ZNF468	0.0068091	0.3872957	0.0176	0.986	0.005865358	count	1
TNFSF8	0.0044649	0.1067219	0.0418	0.967	0.005928289	count	1
TAF10	0.0042295	0.0610843	0.0692	0.945	0.006024099	count	1
POLR1C	0.0050897	0.1810537	0.0281	0.978	0.006063611	count	1
SLC25A1	0.0045343	0.1563597	0.029	0.977	0.006103208	count	1
SH3BGRL	0.0043263	0.0569742	0.0759	0.939	0.006163736	count	1
STT3A	0.0060112	0.3754853	0.016	0.987	0.006207657	count	1
TSEN15	0.0046185	0.152089	0.0304	0.976	0.006296581	count	1
SNHG25	0.0093824	0.2390829	0.0392	0.969	0.006372935	count	1
ARL6IP5	0.0044733	0.0372471	0.1201	0.904	0.006429368	count	1
MT-CO3	0.0045831	0.0205989	0.2225	0.824	0.00660689	count	1
MMADHC	0.0048925	0.1180089	0.0415	0.967	0.006673298	count	1
SLC16A10	0.0356598	0.4459196	0.08	0.936	0.006682093	count	1
ZNF692	0.0060999	0.285526	0.0214	0.983	0.006803708	count	1
LY75	0.0067111	0.3323591	0.0202	0.984	0.006809837	count	1
ABHD5	0.0053284	0.1563535	0.0341	0.973	0.006846859	count	1
DAB2IP	0.0367079	0.7402329	0.0496	0.96	0.006880068	count	1
ATP6AP1	0.0050994	0.1241217	0.0411	0.967	0.006938628	count	1
ADARB1	0.005725	0.1897964	0.0302	0.976	0.006955288	count	1
YTHDF1	0.0056803	0.1710263	0.0332	0.974	0.0069588	count	1
ZNF747	0.008893	0.3657263	0.0243	0.981	0.006961092	count	1
MTAP	0.0055003	0.1727939	0.0318	0.975	0.007237318	count	1
LIMK1	0.0098734	0.290371	0.034	0.973	0.00725534	count	1
STAMPB	0.0053446	0.1469393	0.0364	0.971	0.007315543	count	1
AC009779.2	0.0094674	0.5616144	0.0169	0.987	0.007411204	count	1
SDAD1	0.0053199	0.1056296	0.0504	0.96	0.007414302	count	1
TNFAIP3	0.0052968	0.0536567	0.0987	0.921	0.007563117	count	1
ACER3	0.0141119	0.3474456	0.0406	0.968	0.007585567	count	1
PRPS1	0.0055799	0.0951532	0.0586	0.953	0.007694342	count	1
GABPA	0.0062908	0.1850054	0.034	0.973	0.00776545	count	1
RAB33B	0.0066573	0.1747173	0.0381	0.97	0.007791346	count	1
NFYC-AS1	0.0418618	0.4963319	0.0843	0.933	0.007854887	count	1
FAM239A	0.0177289	0.5655496	0.0313	0.975	0.007886501	count	1
MAPK1	0.0056825	0.1085837	0.0523	0.958	0.007939219	count	1
RIOK1	0.0059092	0.1199174	0.0493	0.961	0.007954023	count	1
POPDC2	0.0425589	0.6694789	0.0636	0.949	0.007986903	count	1
NUP93	0.0071252	0.261955	0.0272	0.978	0.008023611	count	1
OGA	0.0059326	0.1036659	0.0572	0.954	0.008142565	count	1
TXN2	0.0058933	0.0971654	0.0607	0.952	0.008229927	count	1
ITGA4	0.0058079	0.0701822	0.0828	0.934	0.008260146	count	1
CCDC184	0.0249555	0.3245246	0.0769	0.939	0.008260209	count	1
PKIA	0.0112915	0.3279734	0.0344	0.973	0.008298878	count	1
IFNAR2	0.0064972	0.1840912	0.0353	0.972	0.008365335	count	1

TBX2	0.0446124	0.931107	0.0479	0.962	0.008376024	count	1
CDADC1	0.0067776	0.1967146	0.0345	0.973	0.008502893	count	1
ZNF345	0.0125215	0.3964541	0.0316	0.975	0.008508734	count	1
CTNNB1	0.0063583	0.1233556	0.0515	0.959	0.008608987	count	1
LPCAT3	0.0071766	0.2134629	0.0336	0.973	0.008639125	count	1
SNHG15	0.0061487	0.0740569	0.083	0.934	0.008713451	count	1
IMP3	0.0061538	0.072051	0.0854	0.932	0.008737313	count	1
AC025423.1	0.0264034	0.9553625	0.0276	0.978	0.008741918	count	1
THRIL	0.0264034	0.9553625	0.0276	0.978	0.008741918	count	1
CPNE1	0.0063947	0.0873872	0.0732	0.942	0.008798406	count	1
CDK12	0.0065078	0.1001548	0.065	0.948	0.008911457	count	1
PTPRC	0.0063343	0.0240356	0.2635	0.792	0.009123211	count	1
2-Mar	0.0068896	0.1235338	0.0558	0.956	0.009414545	count	1
HSPA14	0.0071975	0.1595689	0.0451	0.964	0.009420663	count	1
HDAC7	0.008186	0.2031787	0.0403	0.968	0.009449067	count	1
RUNDC1	0.0088977	0.2996412	0.0297	0.976	0.009473672	count	1
HSPA1A	0.0066207	0.1026984	0.0645	0.9486	0.009484206	count	1
SLC25A6	0.0066704	0.0315448	0.2115	0.833	0.009589751	count	1
RABL2A	0.0156283	0.3659287	0.0427	0.966	0.009608184	count	1
NEK1	0.0072635	0.1808238	0.0402	0.968	0.009663925	count	1
LAMP3	0.0159693	0.8354635	0.0191	0.985	0.009818315	count	1
AL442128.2	0.0159693	0.8389678	0.019	0.985	0.009818315	count	1
RAD54L2	0.0126325	0.2678475	0.0472	0.962	0.00989252	count	1
CCDC102B	0.0107617	0.4595902	0.0234	0.981	0.009941057	count	1
ZNF880	0.0076615	0.2057497	0.0372	0.97	0.009952435	count	1
RPS15	0.0069744	0.0147437	0.473	0.636	0.010054486	count	1
CCDC25	0.0072875	0.1090948	0.0668	0.947	0.010114533	count	1
HIGD2A	0.0070932	0.0436535	0.1625	0.871	0.010171436	count	1
MIB1	0.0098836	0.251129	0.0394	0.969	0.010209468	count	1
MT-CYB	0.0070839	0.0219741	0.3224	0.747	0.010214507	count	1
IKZF2	0.013922	0.2597804	0.0536	0.957	0.010235556	count	1
CDK11B	0.0075943	0.1356593	0.056	0.955	0.010288782	count	1
POFUT1	0.0310985	0.4480488	0.0694	0.945	0.010305809	count	1
RSU1	0.0075247	0.1201564	0.0626	0.95	0.01030821	count	1
PDE6D	0.0078094	0.1677443	0.0466	0.963	0.010325234	count	1
ZNF76	0.0087463	0.2387766	0.0366	0.971	0.010363388	count	1
3-Mar	0.0112231	0.4426353	0.0254	0.98	0.010367709	count	1
ADIPOR1	0.0076752	0.1346218	0.057	0.955	0.010474104	count	1
CDC73	0.0076094	0.1035336	0.0735	0.941	0.010486705	count	1
UNC45A	0.0088139	0.1822158	0.0484	0.961	0.010502165	count	1
DISP1	0.0559069	0.5912271	0.0946	0.925	0.010522346	count	1
SNAPC1	0.0078226	0.1132718	0.0691	0.945	0.010616253	count	1
PSMC4	0.0075825	0.0841058	0.0902	0.928	0.010632663	count	1
PPP3CA	0.0075775	0.0942715	0.0804	0.936	0.010665504	count	1
ZNF611	0.0096681	0.297701	0.0325	0.974	0.010675807	count	1

APEH	0.0083724	0.1691907	0.0495	0.961	0.010715058	count	1
NDUFA5	0.0076242	0.0763715	0.0998	0.92	0.010727306	count	1
BBOF1	0.0175673	0.5200749	0.0338	0.973	0.010803311	count	1
ARL3	0.0083797	0.1720546	0.0487	0.961	0.011012725	count	1
CFDP1	0.0079849	0.1022136	0.0781	0.938	0.011132643	count	1
RPLP2	0.0077605	0.0162021	0.479	0.632	0.011185673	count	1
STK39	0.0086171	0.1530695	0.0563	0.955	0.011229543	count	1
SUCLG1	0.0080804	0.0997541	0.081	0.935	0.011286151	count	1
BTRC	0.0184526	0.2671922	0.0691	0.945	0.011349199	count	1
LDHB	0.0079118	0.0381858	0.2072	0.836	0.011352151	count	1
HIST1H2AG	0.0098418	0.2697551	0.0365	0.971	0.011361305	count	1
ZNF124	0.0102181	0.2523356	0.0405	0.968	0.011399771	count	1
PCYT1A	0.0097855	0.1925632	0.0508	0.959	0.01145414	count	1
PIGA	0.0116447	0.3369255	0.0346	0.972	0.011591373	count	1
UBXN10-AS1	0.0119664	0.3379713	0.0354	0.972	0.011653844	count	1
ADCK5	0.0119687	0.3443628	0.0348	0.972	0.011656086	count	1
RNPEPL1	0.0083098	0.0835098	0.0995	0.921	0.011660757	count	1
FERMT3	0.0082994	0.0808671	0.1026	0.918	0.011679523	count	1
PLEKHA3	0.0084812	0.1030538	0.0823	0.934	0.011760749	count	1
RUSC1	0.0095997	0.2160662	0.0444	0.965	0.01176213	count	1
DIP2B	0.0193661	0.3288408	0.0589	0.953	0.01191262	count	1
UBTD2	0.0267906	0.4147699	0.0646	0.949	0.011936364	count	1
RGS14	0.008633	0.0914779	0.0944	0.925	0.012000055	count	1
DENR	0.0088178	0.105763	0.0834	0.934	0.012028004	count	1
NUP35	0.0100089	0.2087665	0.0479	0.962	0.012050056	count	1
ICA1L	0.0178426	0.5098516	0.035	0.972	0.012133222	count	1
ZFC3H1	0.0088937	0.0996169	0.0893	0.929	0.012282285	count	1
CACUL1	0.0094973	0.1692759	0.0561	0.955	0.012296253	count	1
TMEM253	0.0653512	0.9291994	0.0703	0.944	0.012324976	count	1
RNF38	0.0100407	0.2017987	0.0498	0.96	0.012439849	count	1
APPL2	0.0107083	0.2661909	0.0402	0.968	0.012534851	count	1
MON1B	0.0113587	0.2356509	0.0482	0.962	0.012543879	count	1
ATG4D	0.0098946	0.1932919	0.0512	0.959	0.012607928	count	1
FKBP11	0.0089946	0.0830419	0.1083	0.914	0.012701887	count	1
VPS54	0.0127754	0.3121681	0.0409	0.967	0.012718024	count	1
PEX19	0.0134675	0.2807047	0.048	0.962	0.012797543	count	1
MAVS	0.0126491	0.2765442	0.0457	0.964	0.012840937	count	1
P3H4	0.0685447	0.5088162	0.1347	0.893	0.012936141	count	1
ATP5PB	0.0092223	0.0683999	0.1348	0.893	0.013097134	count	1
GLUD1	0.0098138	0.1168396	0.084	0.933	0.013210649	count	1
RNF144A	0.0135973	0.3792033	0.0359	0.971	0.013243923	count	1
NINL	0.0708889	0.7067802	0.1003	0.92	0.01338529	count	1
ARHGEF7	0.0162345	0.2297298	0.0707	0.944	0.013398864	count	1
COLGALT1	0.0126073	0.2445753	0.0515	0.959	0.01342671	count	1
TBC1D10C	0.0096245	0.0577282	0.1667	0.8676	0.013720004	count	1

MAP3K9	0.0415267	0.6318237	0.0657	0.948	0.013789379	count	1
MTOR	0.0309429	0.2834689	0.1092	0.913	0.013796344	count	1
AC023908.3	0.0204008	0.7036155	0.029	0.977	0.013877571	count	1
RPS6	0.0096446	0.0189104	0.51	0.61	0.013896678	count	1
SERINC1	0.0101263	0.0941942	0.1075	0.914	0.013919084	count	1
VPS18	0.0179819	0.3695428	0.0487	0.961	0.01409035	count	1
MXD1	0.0152589	0.2149351	0.071	0.943	0.014101092	count	1
SRSF9	0.0099098	0.0537383	0.1844	0.854	0.014152664	count	1
FBXO5	0.0118987	0.264081	0.0451	0.964	0.014179775	count	1
ACP6	0.012264	0.2941106	0.0417	0.967	0.014260942	count	1
EOMES	0.0108087	0.160916	0.0672	0.946	0.014275353	count	1
GPR146	0.0194043	0.4565024	0.0425	0.966	0.014275878	count	1
ZNF585A	0.0194043	0.4567517	0.0425	0.966	0.014275878	count	1
SF1	0.0100861	0.0471611	0.2139	0.831	0.014363476	count	1
AC245140.2	0.0267382	0.5037321	0.0531	0.958	0.014401347	count	1
FCF1	0.0123245	0.2396318	0.0514	0.959	0.014519101	count	1
FBXO48	0.0190102	0.2962114	0.0642	0.949	0.014897877	count	1
TLE2	0.0336992	0.5515343	0.0611	0.951	0.015032462	count	1
HIF1AN	0.0154667	0.2709472	0.0571	0.954	0.015067052	count	1
SMARCA4	0.0114712	0.1427324	0.0804	0.936	0.015076672	count	1
TAF9	0.0109104	0.1116848	0.0977	0.922	0.015172161	count	1
UXT	0.0106941	0.0493015	0.2169	0.8283	0.015251956	count	1
TMEM11	0.0123381	0.1762282	0.07	0.944	0.015339004	count	1
NOP53	0.0107584	0.0383528	0.2805	0.779	0.01539009	count	1
COQ10B	0.0110096	0.0738091	0.1492	0.881	0.015458169	count	1
ZFAS1	0.0109171	0.0469417	0.2326	0.816	0.015535004	count	1
PRKRA	0.0114362	0.1319487	0.0867	0.931	0.015562378	count	1
10-Sep	0.0199408	0.6439374	0.031	0.975	0.015628843	count	1
PPP1R11	0.0112687	0.0988625	0.114	0.909	0.015654325	count	1
NRTN	0.0834806	0.9772827	0.0854	0.932	0.015805369	count	1
ZNF184	0.0125704	0.167231	0.0752	0.94	0.015818101	count	1
P2RY14	0.0836145	0.4977619	0.168	0.867	0.015831172	count	1
AC245297.2	0.0188091	0.5670794	0.0332	0.974	0.016221996	count	1
ZSCAN16-AS1	0.0133512	0.1826704	0.0731	0.942	0.016225288	count	1
OGFOD2	0.0861141	0.3607077	0.2387	0.811	0.016313115	count	1
AC139530.1	0.0135639	0.2875336	0.0472	0.962	0.016332472	count	1
DNAJB11	0.0122829	0.1355124	0.0906	0.928	0.016359432	count	1
AF165147.1	0.0494598	0.6015641	0.0822	0.934	0.01644868	count	1
H1FX	0.0115036	0.0627224	0.1834	0.854	0.016492297	count	1
AP1B1	0.0224918	0.3004028	0.0749	0.94	0.016553683	count	1
NAF1	0.01396	0.1637071	0.0853	0.932	0.016725889	count	1
MRPL19	0.0125962	0.1467783	0.0858	0.932	0.016837668	count	1
BRIX1	0.0122355	0.1144777	0.1069	0.915	0.016929999	count	1
PPP2R5E	0.0126443	0.119627	0.1057	0.916	0.017100964	count	1
LINC02315	0.0318118	0.8155343	0.039	0.969	0.017147697	count	1

HBQ1	0.0318118	0.8155343	0.039	0.969	0.017147697	count	1
TOMM40L	0.0318819	0.5752258	0.0554	0.956	0.017185673	count	1
PTCD2	0.0181429	0.5156253	0.0352	0.972	0.017247307	count	1
BCS1L	0.0174211	0.3066403	0.0568	0.955	0.017349168	count	1
CTH	0.0521664	0.412582	0.1264	0.899	0.017357797	count	1
JAM3	0.0323637	0.567941	0.057	0.955	0.017446702	count	1
ZNF790	0.0172281	0.3231109	0.0533	0.957	0.017495377	count	1
AC106707.1	0.0189424	0.3114791	0.0608	0.952	0.017510945	count	1
MICALL1	0.0531816	0.4436523	0.1199	0.905	0.017699026	count	1
SZT2	0.0164058	0.3282068	0.05	0.96	0.017708118	count	1
AL353194.1	0.0198181	0.3682334	0.0538	0.957	0.017742578	count	1
ZNF682	0.0533987	0.3456815	0.1545	0.877	0.017772015	count	1
FBXO41	0.0405693	0.5852548	0.0693	0.945	0.018118555	count	1
ANXA11	0.0127716	0.0641248	0.1992	0.842	0.018138623	count	1
LPCAT2	0.0248177	0.7636845	0.0325	0.974	0.018270748	count	1
GANC	0.0183623	0.3282741	0.0559	0.955	0.018287825	count	1
EIF4G3	0.0135734	0.143697	0.0945	0.925	0.018310593	count	1
FAM78A	0.014522	0.1909626	0.076	0.939	0.018419094	count	1
KAT6A	0.0139398	0.1163524	0.1198	0.905	0.018493074	count	1
PRRC1	0.0141824	0.1659022	0.0855	0.932	0.018710491	count	1
ACAP3	0.0210411	0.2977042	0.0707	0.944	0.018839695	count	1
METAP1	0.016066	0.1755861	0.0915	0.927	0.018930123	count	1
AC062029.1	0.030833	0.5610558	0.055	0.956	0.018997615	count	1
AL512329.2	0.0281197	0.7128097	0.0394	0.969	0.019147953	count	1
RHPN1	0.0576339	0.3524819	0.1635	0.87	0.019197068	count	1
HPS5	0.0166244	0.2354202	0.0706	0.944	0.019335471	count	1
UTP11	0.014727	0.163371	0.0901	0.928	0.019405817	count	1
EHD1	0.0149433	0.1249266	0.1196	0.905	0.019446376	count	1
C6orf62	0.0142671	0.099959	0.1427	0.887	0.019522627	count	1
N6AMT1	0.0175414	0.346918	0.0506	0.96	0.019578179	count	1
MKKS	0.0171271	0.3257592	0.0526	0.958	0.019628037	count	1
PDK2	0.015368	0.2090703	0.0735	0.941	0.019791525	count	1
HSD17B8	0.0156452	0.1804234	0.0867	0.931	0.019844393	count	1
DPY19L3	0.1045058	0.7840724	0.1333	0.894	0.019874387	count	1
IGFBP6	0.0170701	0.3053173	0.0559	0.955	0.019987859	count	1
RAB3GAP2	0.0155848	0.1898625	0.0821	0.935	0.020180985	count	1
SSR3	0.0142987	0.0743183	0.1924	0.847	0.020220886	count	1
NDE1	0.0152651	0.1333974	0.1144	0.909	0.020230406	count	1
ULBP2	0.0166233	0.2456201	0.0677	0.946	0.020290785	count	1
ITPKA	0.0612208	0.8181695	0.0748	0.94	0.020405733	count	1
ACSM1	0.0612208	0.8216216	0.0745	0.941	0.020405733	count	1
ZNF425	0.0612208	0.880164	0.0696	0.945	0.020405733	count	1
CNOT4	0.0147699	0.0990587	0.1491	0.881	0.020523138	count	1
SRM	0.0146794	0.0929321	0.158	0.874	0.020592713	count	1
ACSM3	0.0336474	0.4884471	0.0689	0.945	0.020740062	count	1

CDK5R1	0.1094443	0.3828894	0.2858	0.775	0.020835186	count	1
NUAK2	0.0283124	0.4304526	0.0658	0.948	0.020852492	count	1
EEF1E1	0.01523	0.1296528	0.1175	0.906	0.020997124	count	1
CFAP298	0.0152006	0.1190017	0.1277	0.898	0.021011079	count	1
SF3B1	0.0149017	0.0525387	0.2836	0.777	0.021123268	count	1
HGH1	0.0229404	0.3384552	0.0678	0.946	0.021214481	count	1
TLL11	0.0396786	0.5529215	0.0718	0.943	0.021414538	count	1
GNL3L	0.0231803	0.2581675	0.0898	0.928	0.021436795	count	1
HES6	0.0192375	0.2854276	0.0674	0.946	0.021473292	count	1
SERPINB9	0.0154869	0.097572	0.1587	0.874	0.021486776	count	1
LBR	0.0152618	0.0861322	0.1772	0.859	0.021499225	count	1
SECTM1	0.1128895	0.5160156	0.2188	0.827	0.021506592	count	1
LEKR1	0.1130986	0.5954741	0.1899	0.849	0.02154737	count	1
IMP4	0.0156386	0.1141421	0.137	0.891	0.021610689	count	1
BIN1	0.0152655	0.0774413	0.1971	0.844	0.02168075	count	1
PCAT6	0.1138824	0.7138535	0.1595	0.873	0.02170026	count	1
ZBED2	0.1138824	0.7185707	0.1585	0.874	0.02170026	count	1
ZNF426-DT	0.1138824	0.9052866	0.1258	0.9	0.02170026	count	1
RIMS2	0.1138824	1.051427	0.1083	0.914	0.02170026	count	1
LY6H	0.1138824	1.051427	0.1083	0.914	0.02170026	count	1
CNN3	0.0652132	0.6967226	0.0936	0.925	0.02175294	count	1
LSM12	0.0155293	0.0937176	0.1657	0.868	0.021825463	count	1
SUN1	0.0184338	0.2149363	0.0858	0.932	0.02185154	count	1
GOLGA5	0.017111	0.2047439	0.0836	0.933	0.021856873	count	1
RARS2	0.0178157	0.1926873	0.0925	0.926	0.02192025	count	1
FN3K	0.0355527	0.7893048	0.045	0.964	0.021920454	count	1
STK38	0.0161594	0.1248085	0.1295	0.897	0.021956928	count	1
IL21R	0.0182551	0.2051406	0.089	0.929	0.021985506	count	1
RWDD4	0.016072	0.1332821	0.1206	0.904	0.0220109	count	1
ST20-AS1	0.0299252	0.5186999	0.0577	0.954	0.0220447	count	1
THRAP3	0.0155172	0.0615605	0.2521	0.801	0.022078161	count	1
TRAK1	0.0281501	0.4605714	0.0611	0.951	0.022083765	count	1
TUFM	0.0156227	0.0681678	0.2292	0.819	0.022159141	count	1
DIS3L	0.0208224	0.3165575	0.0658	0.948	0.02218777	count	1
LATS1	0.0178665	0.2120504	0.0843	0.933	0.022216315	count	1
STX12	0.0168886	0.1351804	0.1249	0.901	0.022255214	count	1
MPHOSPH8	0.0156367	0.0551262	0.2837	0.7767	0.022354482	count	1
8-Sep	0.0250176	0.2833378	0.0883	0.93	0.022408645	count	1
TANGO6	0.1175345	0.3218882	0.3651	0.715	0.022413283	count	1
ZKSCAN3	0.0674554	0.6707595	0.1006	0.92	0.022510415	count	1
LDLRAP1	0.0172452	0.1548271	0.1114	0.911	0.022512106	count	1
TRAC	0.0156742	0.0343515	0.4563	0.648	0.022566079	count	1
RPL17-C18orf32	0.0420021	1.0582817	0.0397	0.968	0.022676746	count	1
PTGES2	0.017259	0.1400112	0.1233	0.902	0.02279758	count	1
ARMC7	0.018343	0.2699854	0.0679	0.946	0.022809202	count	1

LSMEM1	0.0685518	0.6697274	0.1024	0.918	0.022881047	count	1
ZNF557	0.0201538	0.2642565	0.0763	0.939	0.022911971	count	1
WDYHV1	0.0216414	0.3226205	0.0671	0.947	0.023061713	count	1
MPND	0.0205124	0.2256667	0.0909	0.928	0.023115926	count	1
ZNF614	0.0517309	0.4091078	0.1264	0.899	0.023147722	count	1
SCAI	0.0228215	0.3061204	0.0746	0.941	0.023185205	count	1
ACOT13	0.0177832	0.1706219	0.1042	0.917	0.023214717	count	1
RMDN3	0.0183643	0.1867964	0.0983	0.922	0.023236779	count	1
C1orf123	0.016958	0.1192765	0.1422	0.887	0.023269596	count	1
TRAV13-2	0.0222132	0.4349853	0.0511	0.959	0.023333167	count	1
ACO2	0.0183855	0.1473031	0.1248	0.901	0.023536608	count	1
REV1	0.0181614	0.1313137	0.1383	0.89	0.023598232	count	1
ZNF512B	0.0264795	0.376083	0.0704	0.944	0.023721385	count	1
UBA3	0.0176525	0.1389408	0.1271	0.899	0.023731235	count	1
TBL3	0.0207532	0.2697023	0.0769	0.939	0.023788087	count	1
C1orf74	0.0713321	0.9465691	0.0754	0.94	0.023821556	count	1
SHCBP1	0.0713321	1.0322752	0.0691	0.945	0.023821556	count	1
LINC02170	0.0713321	1.2375139	0.0576	0.954	0.023821556	count	1
NOL11	0.0185712	0.1540502	0.1206	0.904	0.023872248	count	1
ZNF770	0.0183301	0.1566255	0.117	0.907	0.023964042	count	1
MOB3A	0.0182632	0.1818302	0.1004	0.92	0.023975768	count	1
PPARA	0.0217353	0.2888199	0.0753	0.94	0.024017902	count	1
MALINC1	0.0352772	0.4485235	0.0787	0.937	0.024044524	count	1
GSTCD	0.0291789	0.4577198	0.0637	0.949	0.024115831	count	1
GTF2IRD2B	0.0291789	0.4981353	0.0586	0.953	0.024115831	count	1
TAGAP	0.0168565	0.0490689	0.3435	0.7312	0.024123621	count	1
STARD3NL	0.0180206	0.1507121	0.1196	0.905	0.024151421	count	1
EBP	0.0174829	0.0969464	0.1803	0.857	0.024401376	count	1
TMEM183A	0.0179277	0.1130819	0.1585	0.874	0.024410517	count	1
EIF3K	0.0170059	0.0324939	0.5234	0.601	0.024443778	count	1
TMEM170A	0.017795	0.1062364	0.1675	0.867	0.024487231	count	1
EGR2	0.0210567	0.2187946	0.0962	0.923	0.024495869	count	1
TTC8	0.0737281	0.6588202	0.1119	0.911	0.024632845	count	1
GDPGP1	0.0737281	0.6586176	0.1119	0.911	0.024632845	count	1
FOXP4	0.0275011	0.3354575	0.082	0.935	0.024638963	count	1
PPP1R13L	0.1296417	0.895485	0.1448	0.885	0.02478446	count	1
HNRNPA2B1	0.0173253	0.0311309	0.5565	0.578	0.024886922	count	1
KDM2B	0.0288463	0.2322503	0.1242	0.901	0.024903839	count	1
HPCAL4	0.0461214	0.7866349	0.0586	0.953	0.024916697	count	1
ZNF414	0.0200726	0.2072356	0.0969	0.923	0.024961427	count	1
PPME1	0.0234963	0.2575919	0.0912	0.927	0.025041394	count	1
AL035071.1	0.0750568	0.3283904	0.2286	0.819	0.025083048	count	1
MAP4K5	0.0185791	0.157362	0.1181	0.906	0.025218235	count	1
TOMM70	0.0198589	0.1504188	0.132	0.895	0.025312088	count	1
ZNF574	0.0237739	0.2780045	0.0855	0.932	0.025337709	count	1

PSMG1	0.0192814	0.1637934	0.1177	0.906	0.025440267	count	1
RBM42	0.0184473	0.1180487	0.1563	0.876	0.025485675	count	1
TRAF3IP2-AS1	0.0346764	0.3421444	0.1014	0.919	0.025559561	count	1
FHIT	0.0212459	0.2126795	0.0999	0.92	0.025590646	count	1
RNF207	0.0473815	0.5503066	0.0861	0.931	0.025602462	count	1
TBC1D32	0.0286401	0.3889162	0.0736	0.941	0.025662194	count	1
SH3YL1	0.018784	0.1126186	0.1668	0.868	0.025746315	count	1
SPEF2	0.0213082	0.2342613	0.091	0.928	0.025787397	count	1
C4orf3	0.0181179	0.0553681	0.3272	0.744	0.025814525	count	1
C16orf86	0.0313069	0.5399497	0.058	0.954	0.025880462	count	1
NSMCE4A	0.0189315	0.1217813	0.1555	0.876	0.025927983	count	1
EIF1	0.018013	0.017824	1.0106	0.312	0.025962607	count	1
NCBP3	0.0193122	0.1222569	0.158	0.874	0.026000893	count	1
RPLP0	0.018102	0.0211552	0.8557	0.3922	0.026085547	count	1
COPA	0.0201634	0.1288576	0.1565	0.876	0.026157569	count	1
ZNF514	0.0319002	0.5145996	0.062	0.951	0.026372593	count	1
PCYOX1L	0.0245477	0.3216882	0.0763	0.939	0.026509978	count	1
TIMP3	0.0430459	0.6329351	0.068	0.946	0.026568846	count	1
UBR5-AS1	0.1389885	0.6837928	0.2033	0.839	0.026622769	count	1
HIST1H2AI	0.1389885	0.7344188	0.1892	0.85	0.026622769	count	1
CCDC144A	0.0244003	0.3252216	0.075	0.94	0.02666989	count	1
KRBA2	0.1393023	0.5366506	0.2596	0.795	0.026684604	count	1
SEH1L	0.0248404	0.2553015	0.0973	0.922	0.02682657	count	1
MTMR6	0.0209194	0.1625932	0.1287	0.898	0.026838312	count	1
RPS24	0.0186365	0.0137582	1.3546	0.176	0.026872305	count	1
PLPP5	0.0210456	0.1744065	0.1207	0.904	0.027000313	count	1
KLF11	0.0267001	0.2905178	0.0919	0.927	0.027133411	count	1
P2RX4	0.0233348	0.2266016	0.103	0.918	0.02714905	count	1
UROS	0.0198501	0.1277252	0.1554	0.877	0.027152825	count	1
NBPF12	0.0606214	0.3781201	0.1603	0.873	0.027167036	count	1
MICU3	0.0285555	0.3044817	0.0938	0.925	0.027170091	count	1
AL049597.2	0.0607881	0.6231205	0.0976	0.922	0.027242514	count	1
VIPAS39	0.0316975	0.3344969	0.0948	0.925	0.027373187	count	1
UBA5	0.0208002	0.1510232	0.1377	0.89	0.027598171	count	1
TRAV12-2	0.0447492	0.7076604	0.0632	0.95	0.027626842	count	1
TSEN54	0.0197457	0.1005169	0.1964	0.844	0.027638157	count	1
PIGC	0.0200699	0.1366964	0.1468	0.883	0.027696121	count	1
LINC01146	0.0828328	0.8166151	0.1014	0.919	0.027722154	count	1
Z94721.1	0.0828328	0.9320398	0.0889	0.929	0.027722154	count	1
PRMT3	0.0269147	0.3123438	0.0862	0.931	0.027835927	count	1
NEAT1	0.0195188	0.0558365	0.3496	0.727	0.027877685	count	1
ANGEL1	0.0834806	0.6358944	0.1313	0.896	0.027942347	count	1
PLAGL1	0.0835868	0.5100456	0.1639	0.87	0.027978459	count	1
AIMP2	0.0215846	0.2235763	0.0965	0.923	0.0280486	count	1
CBX5	0.0205385	0.1240461	0.1656	0.869	0.028118056	count	1

AP5B1	0.0522795	0.3561886	0.1468	0.883	0.028270517	count	1
PDCD4-AS1	0.022784	0.2393181	0.0952	0.924	0.028335865	count	1
PREB	0.0224809	0.1999425	0.1124	0.91	0.028375062	count	1
SURF1	0.020582	0.1018275	0.2021	0.84	0.028419438	count	1
MPDU1	0.0257234	0.2409225	0.1068	0.915	0.028431469	count	1
CYFIP1	0.1484139	0.4572464	0.3246	0.746	0.028483331	count	1
AP001157.1	0.0310426	0.3618766	0.0858	0.932	0.028728003	count	1
RNF130	0.0225449	0.1983663	0.1137	0.91	0.028802408	count	1
HLA-B	0.0199842	0.0159218	1.2551	0.21	0.028821356	count	1
TMEM119	0.1505766	0.7037059	0.214	0.831	0.028911203	count	1
TRMO	0.0225597	0.1614098	0.1398	0.889	0.029002403	count	1
DECR1	0.0205768	0.0808197	0.2546	0.799	0.029019987	count	1
EXOSC2	0.0304963	0.2763327	0.1104	0.912	0.029021516	count	1
EVI2A	0.0210696	0.0735949	0.2863	0.775	0.029445131	count	1
GPX7	0.0221207	0.1722484	0.1284	0.898	0.029522375	count	1
LSM5	0.0211728	0.0875333	0.2419	0.809	0.029602559	count	1
RPTOR	0.0332758	0.3632797	0.0916	0.927	0.029828955	count	1
SHF	0.0666004	0.5705391	0.1167	0.907	0.029876751	count	1
SCN1B	0.0284871	0.4103048	0.0694	0.945	0.029936159	count	1
RNH1	0.0212435	0.0710361	0.2991	0.765	0.030001349	count	1
FDFT1	0.0218775	0.1116653	0.1959	0.845	0.030043946	count	1
LTV1	0.0224389	0.1539667	0.1457	0.884	0.030075245	count	1
ERAP1	0.0242694	0.1939469	0.1251	0.9	0.030083577	count	1
RPL26L1	0.0219848	0.1606474	0.1369	0.891	0.030098657	count	1
TBL1XR1	0.0217117	0.0919571	0.2361	0.813	0.030177149	count	1
GTPBP4	0.0221782	0.1212881	0.1829	0.855	0.030184712	count	1
TOP3A	0.0291854	0.3428298	0.0851	0.932	0.030189192	count	1
SNAPC5	0.0222544	0.1478527	0.1505	0.88	0.030257305	count	1
FIZ1	0.0903386	0.3322783	0.2719	0.786	0.030276619	count	1
AL355075.4	0.0676018	0.5495055	0.123	0.902	0.030331111	count	1
NAALADL1	0.0240337	0.2082926	0.1154	0.908	0.030336458	count	1
CAMSAP1	0.0312418	0.2616138	0.1194	0.905	0.030473627	count	1
TRAPPC8	0.0278899	0.2493151	0.1119	0.911	0.030490517	count	1
STK16	0.0229104	0.1628251	0.1407	0.888	0.030604056	count	1
AC090152.1	0.0223653	0.152169	0.147	0.883	0.03069147	count	1
RNF187	0.0224985	0.103994	0.2163	0.829	0.030709188	count	1
ERCC2	0.0308066	0.3917503	0.0786	0.937	0.03071126	count	1
LZTS2	0.0332052	0.3465581	0.0958	0.924	0.030735293	count	1
POM121C	0.0250415	0.1636116	0.1531	0.878	0.030932629	count	1
INPP5K	0.0237843	0.1626649	0.1462	0.884	0.031006408	count	1
SLC37A4	0.0503463	0.3669662	0.1372	0.891	0.03110697	count	1
SUSD4	0.1619311	0.7056136	0.2295	0.819	0.031163431	count	1
ZNF708	0.0235966	0.1299776	0.1815	0.856	0.031173155	count	1
NAA80	0.0240477	0.2287387	0.1051	0.916	0.031349989	count	1
MLLT3	0.0232753	0.1239112	0.1878	0.851	0.03152245	count	1

PSMC3IP	0.0940296	0.5192781	0.1811	0.856	0.031535312	count	1
CDC42EP3	0.0222542	0.0742961	0.2995	0.765	0.031550824	count	1
R3HCC1	0.0245355	0.1777391	0.138	0.89	0.031665099	count	1
PARG	0.0279215	0.1913419	0.1459	0.884	0.031755803	count	1
ZNF561	0.0294115	0.333864	0.0881	0.93	0.031772278	count	1
ERC1	0.0256125	0.1992283	0.1286	0.898	0.031856703	count	1
ATP5MC2	0.0221586	0.0314257	0.7051	0.481	0.031874901	count	1
NMNAT3	0.0710208	0.5746399	0.1236	0.902	0.031883523	count	1
ITGA6	0.0255209	0.1604871	0.159	0.874	0.032037132	count	1
SLC2A4RG	0.0227496	0.0788728	0.2884	0.773	0.032151699	count	1
PYGM	0.1674509	0.68292	0.2452	0.806	0.032261838	count	1
CANX	0.023137	0.0855972	0.2703	0.787	0.032267552	count	1
MT-CO2	0.0224343	0.018705	1.1994	0.23	0.032344593	count	1
MIRLET7BHG	0.1684148	0.643001	0.2619	0.793	0.032453884	count	1
PBX4	0.0262004	0.1425257	0.1838	0.854	0.032479388	count	1
MYL12A	0.0225929	0.0241275	0.9364	0.349	0.032557007	count	1
SRSF1	0.0249209	0.1323806	0.1883	0.851	0.032585633	count	1
ST13	0.0228827	0.0585052	0.3911	0.696	0.032593898	count	1
DHX57	0.0477895	0.4016008	0.119	0.905	0.032626164	count	1
YAF2	0.0243002	0.1256434	0.1934	0.847	0.032647395	count	1
GRB10	0.0974497	0.6492711	0.1501	0.881	0.032703094	count	1
SMG8	0.0975632	0.762315	0.128	0.898	0.032741873	count	1
HEXA-AS1	0.1699913	0.6403277	0.2655	0.791	0.032768134	count	1
RABEPK	0.0254929	0.2100457	0.1214	0.903	0.032839715	count	1
SLAIN2	0.0238928	0.1095778	0.218	0.827	0.032982641	count	1
CUEDC2	0.023741	0.1204067	0.1972	0.844	0.032984503	count	1
ACTR10	0.0237078	0.1005944	0.2357	0.814	0.03299805	count	1
DDRCK1	0.0237871	0.1049024	0.2268	0.821	0.033282167	count	1
COX7A2L	0.0236007	0.0661833	0.3566	0.721	0.03351741	count	1
ITGB2-AS1	0.0257919	0.1465229	0.176	0.86	0.033773127	count	1
SLC25A28	0.0251616	0.1417626	0.1775	0.859	0.033855236	count	1
LMNB2	0.0378333	0.3136525	0.1206	0.904	0.033928916	count	1
SH3PXD2A	0.0497816	0.4198465	0.1186	0.906	0.033994991	count	1
LAMTOR4	0.0238071	0.0563736	0.4223	0.673	0.034014658	count	1
SFT2D1	0.0246438	0.1173344	0.21	0.834	0.034029416	count	1
TFRC	0.0262066	0.1331175	0.1969	0.844	0.034113231	count	1
MRPL45	0.0266766	0.1935672	0.1378	0.89	0.034158621	count	1
COX17	0.0242137	0.0780582	0.3102	0.756	0.034165265	count	1
AC007038.1	0.0760632	0.9463131	0.0804	0.936	0.034176212	count	1
MTG1	0.0370297	0.3800012	0.0974	0.922	0.03428699	count	1
EIF4E3	0.0261271	0.1644502	0.1589	0.874	0.034305501	count	1
LACTB2-AS1	0.028528	0.3253673	0.0877	0.93	0.03437224	count	1
COX6B1	0.0240049	0.042887	0.5597	0.576	0.034434504	count	1
SRGAP2C	0.036183	0.2482197	0.1458	0.884	0.034449791	count	1
FNTA	0.0250819	0.110007	0.228	0.82	0.034482382	count	1

CD3G	0.0239808	0.0353738	0.6779	0.498	0.034487366	count	1
AC009961.1	0.0384653	0.5417854	0.071	0.943	0.034497741	count	1
ZNF316	0.0416878	0.3158491	0.132	0.895	0.034500015	count	1
NUP210	0.028213	0.1697833	0.1662	0.868	0.034592594	count	1
GET4	0.1030457	0.9869835	0.1044	0.917	0.034616911	count	1
CCNDBP1	0.0244278	0.072928	0.335	0.738	0.034624827	count	1
CCDC142	0.1795439	0.5102113	0.3519	0.725	0.034676279	count	1
PRPF39	0.0278257	0.189431	0.1469	0.883	0.034830267	count	1
ARAP1	0.0421507	0.3191622	0.1321	0.895	0.034884807	count	1
NDUFA9	0.0253074	0.1063529	0.238	0.812	0.03497539	count	1
TOR1AIP2	0.0262762	0.1157156	0.2271	0.82	0.035039063	count	1
SOX4	0.0475282	0.5519252	0.0861	0.931	0.035087116	count	1
ZNF841	0.1816618	0.4875586	0.3726	0.709	0.035100256	count	1
PRKCB	0.0258593	0.1121352	0.2306	0.818	0.035160385	count	1
B4GALT4	0.0290662	0.1597709	0.1819	0.856	0.035187186	count	1
GRK3	0.1822219	0.5792726	0.3146	0.753	0.035212437	count	1
DCXR	0.0250117	0.0780177	0.3206	0.749	0.035220778	count	1
SLAMF8	0.0515805	0.6022635	0.0856	0.932	0.03523166	count	1
AL136038.3	0.0515805	0.6049464	0.0853	0.932	0.03523166	count	1
TMEM18	0.0254252	0.1298412	0.1958	0.845	0.035254342	count	1
ACAD9	0.0361373	0.3165574	0.1142	0.909	0.035262653	count	1
LRRC29	0.0785791	0.8443368	0.0931	0.926	0.035321551	count	1
PHF12	0.0283708	0.1603779	0.1769	0.86	0.035513223	count	1
INSIG2	0.0275688	0.1968096	0.1401	0.889	0.035515838	count	1
POU2F2	0.0277147	0.1757945	0.1577	0.875	0.035562946	count	1
PNRC1	0.0247403	0.0239731	1.032	0.3021	0.035629118	count	1
PFDN1	0.0256424	0.1060307	0.2418	0.809	0.035691358	count	1
THEM6	0.0293692	0.2120644	0.1385	0.89	0.03571402	count	1
IL15RA	0.0297895	0.216368	0.1377	0.891	0.035715656	count	1
RPN2	0.0254039	0.0807316	0.3147	0.753	0.035753994	count	1
MED16	0.0302059	0.1844898	0.1637	0.87	0.035825043	count	1
DUS1L	0.0261999	0.1005925	0.2605	0.795	0.035885856	count	1
DRG1	0.0277544	0.1646668	0.1685	0.866	0.035887578	count	1
IL7	0.0662394	0.5082247	0.1303	0.896	0.035896378	count	1
INTS7	0.0664584	0.4047259	0.1642	0.87	0.036016265	count	1
NME1	0.0263041	0.1399135	0.188	0.851	0.036028626	count	1
PABPC1	0.0251155	0.0346726	0.7244	0.469	0.036040795	count	1
QRICH1	0.0363158	0.2075619	0.175	0.861	0.036218727	count	1
HIST1H1C	0.0264928	0.1293886	0.2048	0.838	0.036459703	count	1
GPR82	0.0810774	0.3881977	0.2089	0.835	0.036459799	count	1
RHOBTB3	0.0394273	0.4711348	0.0837	0.933	0.036514776	count	1
EIF2B1	0.0273827	0.1324436	0.2067	0.836	0.036548655	count	1
NUDCD1	0.0318946	0.2486996	0.1282	0.898	0.036579658	count	1
NOMO3	0.0535818	0.4751021	0.1128	0.91	0.036608131	count	1
LINC02273	0.0272539	0.1787705	0.1525	0.879	0.036671739	count	1

AL161772.1	0.1897582	0.4966959	0.382	0.702	0.036724129	count	1
KLHDC3	0.0310472	0.2033747	0.1527	0.879	0.036824218	count	1
ELAC1	0.0305878	0.2583327	0.1184	0.906	0.036857123	count	1
STXBP4	0.1096909	0.4105618	0.2672	0.789	0.036894481	count	1
RILP	0.038756	0.4016833	0.0965	0.923	0.036907545	count	1
CRY1	0.0427006	0.2591414	0.1648	0.869	0.036915637	count	1
CYP4V2	0.0357701	0.2815265	0.1271	0.899	0.037017507	count	1
NIFK-AS1	0.0299067	0.2382292	0.1255	0.9	0.037078726	count	1
SMC1A	0.0274914	0.1167143	0.2355	0.814	0.037118959	count	1
NUF2	0.0503395	0.4772281	0.1055	0.916	0.037175104	count	1
ARMC8	0.0281579	0.1412349	0.1994	0.842	0.037286316	count	1
POLR2C	0.0268509	0.1059084	0.2535	0.8	0.037290375	count	1
DUSP18	0.039429	0.293736	0.1342	0.893	0.037550574	count	1
INTS6	0.0274685	0.0873197	0.3146	0.753	0.037561755	count	1
ZNF528	0.0405693	0.313523	0.1294	0.897	0.037576217	count	1
HYKK	0.1941709	0.9121242	0.2129	0.831	0.037611217	count	1
PTGER4	0.0265931	0.0570429	0.4662	0.641	0.037681881	count	1
CCNT1	0.0293766	0.1587335	0.1851	0.853	0.037697185	count	1
NADSYN1	0.0291543	0.2030827	0.1436	0.886	0.037699068	count	1
SLC35A2	0.0354185	0.2340006	0.1514	0.88	0.037776874	count	1
KLF3	0.0269082	0.0774628	0.3474	0.728	0.037956431	count	1
SAMM50	0.0294518	0.1618644	0.182	0.856	0.038084053	count	1
RPUSD1	0.0301716	0.1986983	0.1518	0.879	0.038091283	count	1
AC093512.1	0.197408	0.5701389	0.3462	0.729	0.038262874	count	1
SLC22A17	0.197408	0.5719379	0.3452	0.73	0.038262874	count	1
HLA-F	0.0268073	0.045832	0.5849	0.559	0.038394242	count	1
SPR	0.0520361	0.7092651	0.0734	0.942	0.038435857	count	1
ASNS	0.0360575	0.2773904	0.13	0.897	0.03846001	count	1
RACK1	0.0267419	0.0181614	1.4725	0.141	0.038542298	count	1
DCAF10	0.0328989	0.2342689	0.1404	0.888	0.038550923	count	1
ABI1	0.0280395	0.1047735	0.2676	0.789	0.038588974	count	1
RRP9	0.0367684	0.2534691	0.1451	0.885	0.038660301	count	1
MRPS21	0.0272594	0.0693866	0.3929	0.694	0.038712572	count	1
ARHGAP10	0.0301808	0.1835051	0.1645	0.869	0.038730021	count	1
ZNF816	0.0568093	0.4554787	0.1247	0.901	0.038829433	count	1
LINC02195	0.049445	0.6966329	0.071	0.943	0.038883208	count	1
CSGALNACT2	0.0289878	0.1272693	0.2278	0.82	0.038888307	count	1
AC034102.6	0.2005751	1.040908	0.1927	0.847	0.038901212	count	1
FCHO2	0.0496544	0.3437391	0.1445	0.885	0.039048796	count	1
C21orf58	0.0392355	0.4573997	0.0858	0.932	0.039139357	count	1
FAU	0.0271561	0.0148348	1.8306	0.0673	0.039153014	count	1
TFR2	0.1163594	0.6640113	0.1752	0.861	0.039185374	count	1
RPS6KA5	0.0316072	0.1594134	0.1983	0.843	0.039189356	count	1
GMIP	0.0324502	0.1878258	0.1728	0.863	0.039289127	count	1
TM7SF3	0.0312083	0.1939386	0.1609	0.872	0.039294694	count	1

ARL8A	0.0284977	0.1226053	0.2324	0.816	0.039374884	count	1
USPL1	0.0353229	0.254041	0.139	0.889	0.039463929	count	1
ABTB1	0.0290624	0.1265346	0.2297	0.818	0.039496554	count	1
RPSA	0.027445	0.0196776	1.3947	0.163	0.039543497	count	1
SGCB	0.0579706	0.2573225	0.2253	0.822	0.039629141	count	1
ZNF35	0.0731575	0.6631947	0.1103	0.912	0.039687263	count	1
ASB8	0.0288125	0.1178095	0.2446	0.807	0.039873998	count	1
PFDN6	0.0293027	0.1270356	0.2307	0.818	0.039981803	count	1
RNPEP	0.0324162	0.2003981	0.1618	0.872	0.040052822	count	1
HIST1H1D	0.028588	0.0941895	0.3035	0.762	0.040261181	count	1
GMFB	0.0318359	0.2002269	0.159	0.874	0.040400415	count	1
AC034111.1	0.1199309	0.8238954	0.1456	0.884	0.040414503	count	1
LRRC69	0.1199309	0.8295472	0.1446	0.885	0.040414503	count	1
LATS2-AS1	0.1199309	0.9028147	0.1328	0.894	0.040414503	count	1
BANF1	0.0289156	0.0848364	0.3408	0.733	0.04063008	count	1
EEF1AKMT2	0.0316613	0.1611816	0.1964	0.844	0.040631547	count	1
ADAP1	0.0338117	0.2453273	0.1378	0.89	0.040747167	count	1
HSPBAP1	0.0350881	0.2578999	0.1361	0.892	0.040846619	count	1
AP5Z1	0.0331943	0.1918849	0.173	0.863	0.040864963	count	1
KLF4	0.0519508	0.3186533	0.163	0.871	0.040865209	count	1
PPP6R3	0.0316014	0.1374598	0.2299	0.818	0.04093787	count	1
ARMCX6	0.0310337	0.1423301	0.218	0.827	0.041004602	count	1
NARS	0.0309759	0.1245823	0.2486	0.804	0.041107883	count	1
LRRC47	0.034976	0.2005501	0.1744	0.862	0.041246882	count	1
FBXO30	0.0603528	0.4028925	0.1498	0.881	0.041270293	count	1
PLXNA3	0.0369553	0.2628608	0.1406	0.888	0.041291464	count	1
FAM219A	0.0917524	0.5122059	0.1791	0.858	0.041333746	count	1
ZNF324	0.0371228	0.2052988	0.1808	0.857	0.041479006	count	1
ARMH3	0.0371309	0.243577	0.1524	0.879	0.041488074	count	1
TSPAN31	0.0314559	0.1528193	0.2058	0.837	0.041514303	count	1
KDM4D	0.2136957	0.8872431	0.2409	0.81	0.041553469	count	1
OXCT2	0.2136957	1.065637	0.2005	0.841	0.041553469	count	1
VEGFC	0.2136957	1.065637	0.2005	0.841	0.041553469	count	1
SIAH3	0.2136957	1.065637	0.2005	0.841	0.041553469	count	1
KNTC1	0.0529471	0.4532805	0.1168	0.907	0.04165355	count	1
ZBTB7B	0.0348766	0.2673588	0.1304	0.896	0.041823668	count	1
SPAG7	0.0304873	0.1041039	0.2929	0.77	0.041958899	count	1
CHKB-DT	0.056785	0.4469572	0.127	0.899	0.041967452	count	1
SQSTM1	0.0294948	0.0614153	0.4803	0.6311	0.042033541	count	1
RAB7A	0.0297675	0.0763916	0.3897	0.697	0.042044163	count	1
TSHZ1	0.0421399	0.2224533	0.1894	0.85	0.042045945	count	1
RPS6KB1	0.0335095	0.1608425	0.2083	0.835	0.042076297	count	1
B4GALT1	0.0303386	0.0998392	0.3039	0.761	0.042144478	count	1
AC010761.1	0.216646	0.6507847	0.3329	0.739	0.042151596	count	1
ERP29	0.0294656	0.0426962	0.6901	0.49	0.042172196	count	1

DNAJC16	0.0456488	0.3193405	0.1429	0.886	0.042299943	count	1
USP11	0.0332735	0.1795875	0.1853	0.853	0.042328449	count	1
SCPEP1	0.0369082	0.2306233	0.16	0.873	0.042340494	count	1
SHQ1	0.0434356	0.2977439	0.1459	0.884	0.042409059	count	1
IDUA	0.0459384	0.3301364	0.1391	0.889	0.042569383	count	1
RNASEH1	0.0343015	0.1867295	0.1837	0.854	0.042676731	count	1
TAPBP	0.0299862	0.062971	0.4762	0.634	0.042683584	count	1
EEF2KMT	0.0382661	0.2713488	0.141	0.888	0.042759192	count	1
CHD8	0.0319818	0.1391128	0.2299	0.818	0.042973287	count	1
SH2D3C	0.0374977	0.2549311	0.1471	0.883	0.043018044	count	1
GRAMD1A	0.0320223	0.1204565	0.2658	0.79	0.043211178	count	1
GRAP2	0.031437	0.1233875	0.2548	0.799	0.043237362	count	1
GLCE	0.0340605	0.2149864	0.1584	0.874	0.043330618	count	1
SMCO4	0.0434614	0.2964093	0.1466	0.883	0.043368856	count	1
AXIN2	0.0963067	0.4341247	0.2218	0.824	0.043418188	count	1
MAN2A2	0.0524057	0.3206512	0.1634	0.87	0.043418794	count	1
CHD2	0.0314602	0.0947542	0.332	0.74	0.04349335	count	1
EIF4B	0.0308068	0.0547076	0.5631	0.573	0.04349751	count	1
CDHR3	0.0804104	0.5944752	0.1353	0.892	0.043669881	count	1
TSC22D4	0.0312458	0.0851177	0.3671	0.714	0.04372666	count	1
P3H3	0.1304283	0.8162314	0.1598	0.873	0.044036001	count	1
GSTK1	0.0307443	0.0432111	0.7115	0.477	0.044071483	count	1
LINC00243	0.2261341	0.3068304	0.737	0.461	0.044079371	count	1
TATDN1	0.0327466	0.1300552	0.2518	0.801	0.044129005	count	1
MCFD2	0.0360736	0.1803984	0.2	0.842	0.044243591	count	1
SH2D4A	0.2271226	0.5441229	0.4174	0.676	0.044280585	count	1
MTREX	0.0371286	0.1674509	0.2217	0.825	0.044294905	count	1
ATG7	0.0428009	0.3440497	0.1244	0.901	0.044315242	count	1
HLA-C	0.0307843	0.0199172	1.5456	0.122	0.044369711	count	1
TMEM154	0.0357107	0.1744828	0.2047	0.838	0.044432139	count	1
MRPS7	0.0320342	0.1225114	0.2615	0.794	0.044519365	count	1
RELT	0.0375681	0.2463603	0.1525	0.879	0.044571271	count	1
MRPL2	0.0336756	0.170679	0.1973	0.844	0.044597791	count	1
ICAM1	0.0359663	0.2141658	0.1679	0.867	0.04460091	count	1
CNNM3	0.0651842	0.3429836	0.1901	0.849	0.044601775	count	1
TMCO1	0.0316435	0.0709073	0.4463	0.655	0.044734471	count	1
UNG	0.0420308	0.1938625	0.2168	0.828	0.044848552	count	1
KDEL1C1	0.2305502	0.7141616	0.3228	0.747	0.04497884	count	1
PPP1R37	0.041154	0.3029589	0.1358	0.892	0.045027258	count	1
CPLANE1	0.0502087	0.3713628	0.1352	0.892	0.045079198	count	1
AC064807.1	0.0417088	0.3820335	0.1092	0.913	0.045091115	count	1
LAMTOR1	0.0318175	0.0793365	0.401	0.688	0.045115071	count	1
ZDHHC18	0.0346898	0.1704721	0.2035	0.839	0.045165129	count	1
DNAAF2	0.0332302	0.1276456	0.2603	0.795	0.045210603	count	1
HNRNPDL	0.0314902	0.0337462	0.9331	0.351	0.045235781	count	1

NR1H2	0.0326466	0.0956206	0.3414	0.733	0.045259971	count	1
SPSB3	0.0322538	0.0881917	0.3657	0.715	0.045316933	count	1
FAHD2B	0.0392035	0.3367687	0.1164	0.907	0.04532252	count	1
TMEM161A	0.0356846	0.1968911	0.1812	0.856	0.045398898	count	1
NUP188	0.0506275	0.3152816	0.1606	0.872	0.045456976	count	1
NABP2	0.034236	0.1685133	0.2032	0.839	0.045782288	count	1
AP000692.2	0.0480687	0.4970837	0.0967	0.923	0.045811806	count	1
CNOT2	0.0328577	0.0894874	0.3672	0.714	0.046007925	count	1
LSS	0.0515423	0.4555454	0.1131	0.91	0.046282271	count	1
PYCR3	0.0559408	0.4613361	0.1213	0.903	0.046364764	count	1
MSL2	0.0358829	0.1421777	0.2524	0.801	0.046489341	count	1
PPP2R3C	0.034022	0.1165222	0.292	0.77	0.046546974	count	1
ZNF490	0.0488938	0.4244257	0.1152	0.908	0.046601371	count	1
PFDN5	0.0324175	0.0256727	1.2627	0.2068	0.046655264	count	1
RHOH	0.0326609	0.049559	0.659	0.51	0.046678919	count	1
ZFP14	0.035823	0.1840806	0.1946	0.846	0.046714104	count	1
PTBP1	0.0341379	0.0922739	0.37	0.711	0.046744258	count	1
MT-ND2	0.0324995	0.0302496	1.0744	0.283	0.046805962	count	1
CASP2	0.0397832	0.2040606	0.195	0.845	0.046926136	count	1
SSR1	0.033802	0.1045446	0.3233	0.746	0.046926571	count	1
ATXN7L3B	0.0342981	0.1148788	0.2986	0.765	0.046944446	count	1
TTLL1	0.0420178	0.3382771	0.1242	0.901	0.046961196	count	1
LRWD1	0.0430072	0.2605995	0.165	0.869	0.047060062	count	1
MICA	0.0407431	0.215151	0.1894	0.85	0.047105976	count	1
BHLHE40-AS1	0.2415484	0.4883469	0.4946	0.621	0.047225005	count	1
PMPCB	0.0350417	0.1076374	0.3256	0.745	0.047287865	count	1
NBPF3	0.0570671	0.4451539	0.1282	0.898	0.047303808	count	1
PXYLP1	0.2423757	0.4853957	0.4993	0.618	0.047394312	count	1
ZBTB38	0.0339898	0.0810682	0.4193	0.675	0.047624517	count	1
UQCRC2	0.0339773	0.081865	0.415	0.678	0.047676236	count	1
PCGF5	0.0346663	0.0996389	0.3479	0.728	0.047712621	count	1
NDUFA1	0.0334846	0.0524561	0.6383	0.5233	0.047778685	count	1
PEX11B	0.0394999	0.2779693	0.1421	0.887	0.047837951	count	1
TMEM126B	0.0353064	0.1182181	0.2987	0.765	0.047934724	count	1
ANKMY1	0.0608866	0.3385959	0.1798	0.857	0.047941894	count	1
TMEM184C	0.0480587	0.3233044	0.1486	0.882	0.047973079	count	1
AL023806.1	0.0882729	1.01184	0.0872	0.93	0.047996735	count	1
AL354696.2	0.0882729	1.01184	0.0872	0.93	0.047996735	count	1
ARHGAP45	0.0349111	0.0979792	0.3563	0.722	0.048065472	count	1
RCOR3	0.037551	0.1620112	0.2318	0.817	0.048097536	count	1
ANKRD6	0.142367	0.5736728	0.2482	0.804	0.048170582	count	1
MYC	0.03723	0.1438447	0.2588	0.796	0.048318348	count	1
POLD1	0.2485025	0.6018471	0.4129	0.68	0.048649674	count	1
INPP5A	0.0562668	0.4494954	0.1252	0.9	0.048708919	count	1
AL645933.2	0.0658441	0.4403935	0.1495	0.881	0.048715179	count	1

SATB1	0.0389106	0.1349347	0.2884	0.773	0.048723251	count	1
NKIRAS1	0.0587795	0.316804	0.1855	0.853	0.048731914	count	1
AC012360.3	0.0659299	0.3346285	0.197	0.844	0.04877916	count	1
SON	0.0340672	0.0384346	0.8864	0.375	0.048813711	count	1
CEP295	0.037379	0.1708852	0.2187	0.827	0.048818257	count	1
TRAV29DV5	0.1081342	0.7083758	0.1527	0.879	0.048845482	count	1
TRAV13-1	0.1081342	0.740895	0.146	0.884	0.048845482	count	1
LBH	0.0343161	0.0597003	0.5748	0.5655	0.048896286	count	1
TP53I11	0.0398781	0.2836579	0.1406	0.888	0.048916613	count	1
8-Mar	0.0545045	0.2377037	0.2293	0.819	0.048955575	count	1
ERH	0.0345519	0.0626866	0.5512	0.582	0.049198822	count	1
DBR1	0.0457715	0.2424556	0.1888	0.85	0.049495663	count	1
PRPF4B	0.034885	0.0605227	0.5764	0.564	0.049526776	count	1
SND1-IT1	0.1463563	0.4837478	0.3025	0.762	0.049555867	count	1
ANP32A	0.0351853	0.0812313	0.4331	0.665	0.049562758	count	1
RPS5	0.034409	0.0194262	1.7713	0.0766	0.049575338	count	1
ZFP36L2	0.0344467	0.0295882	1.1642	0.244	0.049616874	count	1
SIPA1L2	0.1098575	0.6034306	0.1821	0.856	0.049637935	count	1
HMGXB3	0.0377069	0.1446578	0.2607	0.794	0.049649976	count	1
SRPK2	0.0352979	0.0892608	0.3954	0.693	0.049654261	count	1
ZNF134	0.0465292	0.2821365	0.1649	0.869	0.04966282	count	1
F5	0.1467323	0.7413946	0.1979	0.843	0.04968653	count	1
HMGCL	0.0423896	0.2130834	0.1989	0.842	0.049693966	count	1
FCHSD2	0.0396977	0.1815349	0.2187	0.827	0.049710118	count	1
SNX27	0.0407231	0.2036617	0.2	0.842	0.049753366	count	1
ANXA9	0.091553	0.543391	0.1685	0.866	0.049804725	count	1
FAF2	0.0391941	0.1829153	0.2143	0.83	0.049868873	count	1
FAAH2	0.0729034	0.3119972	0.2337	0.815	0.049932815	count	1
SDHD	0.0355408	0.0903324	0.3934	0.694	0.050010145	count	1
MSH2	0.0415109	0.2265876	0.1832	0.855	0.050041273	count	1
KIAA0930	0.0420066	0.2806565	0.1497	0.881	0.050124842	count	1
TBC1D23	0.0387263	0.1737876	0.2228	0.824	0.050176791	count	1
TBPL1	0.0363917	0.1071189	0.3397	0.734	0.050366797	count	1
NRBP2	0.0472274	0.3577589	0.132	0.895	0.050410289	count	1
RARG	0.0495945	0.3439697	0.1442	0.885	0.050483681	count	1
KLF10	0.0365151	0.1154697	0.3162	0.752	0.050484318	count	1
KLHL2	0.081388	0.3143237	0.2589	0.796	0.050504555	count	1
BUD23	0.0365228	0.0939088	0.3889	0.697	0.050574019	count	1
RPL7L1	0.0362734	0.0921291	0.3937	0.694	0.05064366	count	1
AC005726.5	0.1121397	0.5689786	0.1971	0.844	0.050688047	count	1
MDM2	0.037586	0.1259694	0.2984	0.765	0.050689289	count	1
KLHDC1	0.0643794	0.3647076	0.1765	0.86	0.05071171	count	1
SPTLC2	0.0391526	0.1809846	0.2163	0.829	0.050729681	count	1
VTI1A	0.0389624	0.1885248	0.2067	0.836	0.050733143	count	1
USP34	0.0362835	0.0879008	0.4128	0.68	0.050963876	count	1

MCM3	0.0408604	0.1801003	0.2269	0.821	0.051011415	count	1
SLC35G1	0.26013	0.5410756	0.4808	0.631	0.05103937	count	1
FUNDC2	0.0364638	0.0930357	0.3919	0.695	0.051078711	count	1
SRSF10	0.0360604	0.0707528	0.5097	0.61	0.051089055	count	1
MAP3K6	0.0478796	0.3139991	0.1525	0.879	0.051108569	count	1
M6PR	0.0361656	0.0750902	0.4816	0.63	0.051128519	count	1
POLR2L	0.0360006	0.0624292	0.5767	0.564	0.051233125	count	1
MFNG	0.0367067	0.1039152	0.3532	0.724	0.051273111	count	1
NDUFAF3	0.0362709	0.0772762	0.4694	0.639	0.051430662	count	1
PEX3	0.0386897	0.2086541	0.1854	0.853	0.051456842	count	1
VPS37C	0.0594359	0.6452103	0.0921	0.927	0.051468255	count	1
HNRNPK	0.0360341	0.0460327	0.7828	0.4338	0.05154353	count	1
ZNF862	0.0752639	0.4516002	0.1667	0.868	0.051565049	count	1
CYTH3	0.0830932	0.4014477	0.207	0.836	0.051574795	count	1
KDM4C	0.0400538	0.1481834	0.2703	0.787	0.051713678	count	1
COMMD10	0.0398477	0.1584789	0.2514	0.801	0.051719033	count	1
SERGEF	0.0417451	0.1718466	0.2429	0.808	0.0517774	count	1
ATL3	0.0389731	0.1628251	0.2394	0.811	0.051934214	count	1
ADAM19	0.0389168	0.1465282	0.2656	0.791	0.051954703	count	1
B4GALNT4	0.1533879	0.7530019	0.2037	0.839	0.052002099	count	1
CRELD1	0.0441854	0.2673784	0.1653	0.869	0.052129021	count	1
FAM193B	0.0629501	0.4073184	0.1545	0.877	0.052212171	count	1
NUDT18	0.0416662	0.2444127	0.1705	0.865	0.052331914	count	1
C17orf107	0.1157158	0.5866033	0.1973	0.844	0.052335019	count	1
SNRPA	0.0384326	0.1282899	0.2996	0.765	0.052345132	count	1
ZNF292	0.0384079	0.102051	0.3764	0.707	0.052387255	count	1
SLC25A13	0.0474759	0.2813733	0.1687	0.866	0.052539965	count	1
DARS-AS1	0.2677525	0.5201868	0.5147	0.607	0.052611071	count	1
C2orf74	0.0393762	0.2011778	0.1957	0.845	0.052660922	count	1
TRIM44	0.0388321	0.1139959	0.3406	0.733	0.052752947	count	1
AC044839.1	0.1555668	0.5868424	0.2651	0.791	0.052761285	count	1
CDK9	0.0389189	0.1335701	0.2914	0.771	0.052870929	count	1
RASA3	0.0410295	0.1469101	0.2793	0.78	0.052875555	count	1
EIF4H	0.038262	0.0944825	0.405	0.686	0.053009528	count	1
CWC25	0.0381604	0.0939456	0.4062	0.685	0.053013828	count	1
TAF4B	0.117245	0.2770706	0.4232	0.672	0.053039833	count	1
SLC18B1	0.0556771	0.3854178	0.1445	0.885	0.053096517	count	1
MRPS31	0.0386944	0.1275672	0.3033	0.762	0.053148912	count	1
AC118549.1	0.0422665	0.1593327	0.2653	0.791	0.053236651	count	1
SERP1	0.0371844	0.0442905	0.8396	0.401	0.053244635	count	1
CCDC159	0.0454819	0.2195167	0.2072	0.836	0.053326698	count	1
NF2	0.056	0.2526358	0.2217	0.825	0.053405877	count	1
UBOX5	0.1575607	0.5608513	0.2809	0.779	0.053456509	count	1
FBXO42	0.0489392	0.2723359	0.1797	0.857	0.053569893	count	1
ZCCHC7	0.0393773	0.1186561	0.3319	0.74	0.053735243	count	1

ING5	0.0400088	0.1415449	0.2827	0.777	0.0537663	count	1
HYLS1	0.050365	0.258354	0.1949	0.845	0.053770087	count	1
MANEA	0.052856	0.2842129	0.186	0.852	0.053816289	count	1
SAMHD1	0.0383127	0.0773757	0.4952	0.621	0.053826213	count	1
NDUFAF6	0.0466293	0.2124879	0.2194	0.826	0.053926897	count	1
MVB12A	0.0416273	0.1804799	0.2306	0.818	0.054031176	count	1
WDR45	0.0401075	0.1404068	0.2857	0.775	0.054054944	count	1
C1GALT1	0.0395214	0.1069132	0.3697	0.712	0.054183957	count	1
SNRPD2	0.0377681	0.0381883	0.989	0.323	0.05421611	count	1
ZNF287	0.0509552	0.2785635	0.1829	0.855	0.054402231	count	1
COX7C	0.0378817	0.0296556	1.2774	0.202	0.054431513	count	1
AIG1	0.0474543	0.2134361	0.2223	0.824	0.054467715	count	1
CDK13	0.0394129	0.0939251	0.4196	0.675	0.054492318	count	1
KCTD5	0.0479002	0.2259405	0.212	0.832	0.054534894	count	1
ISYNA1	0.0450898	0.2527853	0.1784	0.858	0.054619857	count	1
NUDCD2	0.0391292	0.1040952	0.3759	0.707	0.054623263	count	1
AC004812.2	0.0519536	0.3495673	0.1486	0.882	0.054682125	count	1
AC116366.3	0.0660793	0.3579684	0.1846	0.854	0.05482531	count	1
RCHY1	0.0444447	0.1665069	0.2669	0.79	0.054938349	count	1
LINC02453	0.2798831	0.731212	0.3828	0.702	0.055120589	count	1
GCDH	0.0451476	0.2219621	0.2034	0.839	0.055168159	count	1
TRAF6	0.0488977	0.2297533	0.2128	0.831	0.055188689	count	1
PSMC3	0.0396574	0.0980229	0.4046	0.686	0.05530546	count	1
WDR75	0.0435799	0.1850363	0.2355	0.814	0.055323046	count	1
IAH1	0.0392353	0.0859927	0.4563	0.648	0.055344483	count	1
RAB39B	0.0451532	0.1678793	0.269	0.788	0.05539807	count	1
FTO	0.0703619	0.2887451	0.2437	0.807	0.055460667	count	1
PPP1R9B	0.056777	0.2718763	0.2088	0.835	0.055493704	count	1
ZDBF2	0.0750301	0.3727577	0.2013	0.84	0.055571748	count	1
AL135925.1	0.0453299	0.1848673	0.2452	0.806	0.055615222	count	1
PRR3	0.0515497	0.2751109	0.1874	0.851	0.055763742	count	1
NUDCD3	0.0438499	0.1750255	0.2505	0.802	0.055800238	count	1
KLHL9	0.0708153	0.3083616	0.2297	0.818	0.055820825	count	1
C22orf46	0.0504583	0.2596384	0.1943	0.846	0.055849972	count	1
FAM204A	0.0397448	0.0840041	0.4731	0.636	0.055861829	count	1
THUMPD3	0.0409889	0.1438173	0.285	0.776	0.055909597	count	1
MALAT1	0.0387552	0.0132386	2.9274	0.00344	0.055910532	count	1
SETD6	0.0674222	0.2808512	0.2401	0.81	0.055947239	count	1
TLL10	0.1236811	0.9406943	0.1315	0.895	0.056009963	count	1
PITPNA-AS1	0.0417329	0.148244	0.2815	0.778	0.056084877	count	1
FBXL5	0.0418151	0.1342964	0.3114	0.756	0.056237282	count	1
C3orf58	0.0475733	0.1747498	0.2722	0.785	0.056466193	count	1
HYOU1	0.0460235	0.240917	0.191	0.849	0.056467633	count	1
CFAP97	0.0400806	0.0838799	0.4778	0.633	0.056506431	count	1
ASNA1	0.0409797	0.1123463	0.3648	0.715	0.056612652	count	1

DBH-AS1	0.2871786	0.9528899	0.3014	0.763	0.056634697	count	1
RGS19	0.0400196	0.0738261	0.5421	0.588	0.056718409	count	1
HEXA	0.0413475	0.1419253	0.2913	0.771	0.056753366	count	1
MSRA	0.0473632	0.1847962	0.2563	0.798	0.056826887	count	1
KAT8	0.0431217	0.1608177	0.2681	0.789	0.056856249	count	1
AC005070.3	0.0687126	0.3898078	0.1763	0.86	0.057025592	count	1
SNX4	0.0445978	0.1610506	0.2769	0.782	0.057134576	count	1
CCPG1	0.0411813	0.0938832	0.4386	0.661	0.057175003	count	1
FUCA1	0.0511663	0.2582945	0.1981	0.843	0.057214887	count	1
OSGEP	0.042756	0.1441084	0.2967	0.767	0.057372542	count	1
NAA60	0.0442908	0.1826808	0.2424	0.808	0.057492094	count	1
DDOST	0.0410393	0.0922093	0.4451	0.656	0.057519241	count	1
SENP3	0.2921417	0.4361172	0.6699	0.503	0.057666809	count	1
CCDC82	0.0413107	0.0952587	0.4337	0.665	0.057723997	count	1
ZBED6	0.2929616	0.6276886	0.4667	0.641	0.057837473	count	1
CIR1	0.0408143	0.0778193	0.5245	0.6	0.057930193	count	1
ZNF844	0.0781886	0.5184921	0.1508	0.88	0.057932594	count	1
SPCS3	0.0408485	0.0695937	0.587	0.557	0.057945355	count	1
ATF1	0.0425951	0.1150182	0.3703	0.711	0.058155463	count	1
PDIA3	0.0406656	0.0450991	0.9017	0.367	0.058267753	count	1
CYHR1	0.0429274	0.1389863	0.3089	0.757	0.058288015	count	1
CFAP20	0.0421576	0.1073041	0.3929	0.694	0.058478271	count	1
POC1B-AS1	0.0675035	0.3742666	0.1804	0.857	0.05850015	count	1
NMI	0.0436352	0.1259167	0.3465	0.729	0.058506727	count	1
MAN2B1	0.0675367	0.3260862	0.2071	0.836	0.058529111	count	1
ZNF827	0.0708355	0.3243312	0.2184	0.827	0.05880024	count	1
CHFR	0.0467024	0.2047247	0.2281	0.82	0.058831983	count	1
TAPBPL	0.0447237	0.1433238	0.312	0.755	0.058970487	count	1
MRPL43	0.0417458	0.0813824	0.513	0.608	0.058985589	count	1
STK19	0.0479628	0.2070848	0.2316	0.817	0.059077642	count	1
CYSLTR2	0.0749776	0.4576213	0.1638	0.87	0.059128758	count	1
LYAR	0.0415575	0.072766	0.5711	0.568	0.059140698	count	1
ZNF22	0.0426481	0.1236307	0.345	0.73	0.059185905	count	1
GARS	0.0471661	0.1732067	0.2723	0.785	0.059249999	count	1
CRLF3	0.0440639	0.1246	0.3536	0.724	0.059349462	count	1
DNAJC4	0.0431315	0.1168049	0.3693	0.712	0.059445616	count	1
DDX19A	0.0583994	0.2590038	0.2255	0.822	0.059484022	count	1
TST	0.0717277	0.645354	0.1111	0.912	0.059546302	count	1
CPSF1	0.0687727	0.3711087	0.1853	0.853	0.059607378	count	1
COX11	0.0464296	0.1440667	0.3223	0.747	0.059727453	count	1
EXOSC1	0.0433431	0.1182572	0.3665	0.714	0.05973739	count	1
FBXL8	0.0576913	0.3208004	0.1798	0.857	0.059793877	count	1
KALRN	0.3033552	0.4227535	0.7176	0.473	0.060004842	count	1
SCAF4	0.0472682	0.1904648	0.2482	0.804	0.060011701	count	1
ASXL1	0.0433589	0.0943056	0.4598	0.646	0.060013703	count	1

E2F5	0.1766794	0.5846137	0.3022	0.763	0.060145776	count	1
PRDM11	0.1769215	0.6554041	0.2699	0.787	0.060230747	count	1
SNTB1	0.0557255	0.2664962	0.2091	0.834	0.060296243	count	1
CENPJ	0.0564776	0.3655612	0.1545	0.877	0.060319301	count	1
ISCA2	0.0441527	0.1210735	0.3647	0.715	0.060337222	count	1
PIGN	0.0617324	0.3776722	0.1635	0.87	0.060360533	count	1
DIP2A	0.0558134	0.1829707	0.305	0.76	0.060391675	count	1
VMA21	0.0447076	0.1279523	0.3494	0.727	0.060419685	count	1
PITRM1	0.0633367	0.3184932	0.1989	0.842	0.060439223	count	1
BRCA1	0.1111665	0.4736019	0.2347	0.814	0.060650953	count	1
PRR13	0.0424642	0.0516374	0.8224	0.411	0.060710422	count	1
FUT4	0.0770464	0.4179523	0.1843	0.854	0.060773988	count	1
SMARCB1	0.0441234	0.1176833	0.3749	0.708	0.06079423	count	1
KRT10	0.0427252	0.0592526	0.7211	0.471	0.060928273	count	1
CCR1	0.0980228	0.3971857	0.2468	0.805	0.060965543	count	1
ZNF671	0.0773414	0.4110349	0.1882	0.851	0.061008647	count	1
ALG13	0.0445004	0.1016052	0.438	0.661	0.061060503	count	1
L3MBTL1	0.0982295	0.6485828	0.1515	0.88	0.061095813	count	1
OPRL1	0.1793993	0.8619024	0.2081	0.835	0.061100784	count	1
CABYR	0.1793993	1.068844	0.1678	0.867	0.061100784	count	1
RC3H2	0.048187	0.1731143	0.2784	0.781	0.061179855	count	1
ALKBH2	0.0518672	0.2691144	0.1927	0.847	0.061212773	count	1
AQR	0.0481714	0.1792964	0.2687	0.788	0.061307102	count	1
AC008764.8	0.0614613	0.381505	0.1611	0.872	0.061413552	count	1
MAK16	0.0614679	0.2965823	0.2073	0.836	0.061420177	count	1
LINC01560	0.1125778	0.5642442	0.1995	0.842	0.06143371	count	1
EIF3H	0.0429092	0.0428609	1.0011	0.317	0.061449779	count	1
PSRC1	0.1126883	0.9540398	0.1181	0.906	0.061495008	count	1
AL358852.1	0.1810596	1.0135806	0.1786	0.858	0.061684167	count	1
C10orf67	0.1810596	1.0135806	0.1786	0.858	0.061684167	count	1
AC024940.1	0.1810596	1.0135806	0.1786	0.858	0.061684167	count	1
PYGL	0.1810596	1.1400299	0.1588	0.874	0.061684167	count	1
MYCBPAP	0.1360062	0.9396406	0.1447	0.885	0.061714008	count	1
AC073611.1	0.1360062	0.979273	0.1389	0.89	0.061714008	count	1
IFT46	0.1363263	0.5064829	0.2692	0.788	0.061862431	count	1
KATNB1	0.0588141	0.2835496	0.2074	0.836	0.061930877	count	1
POLRMT	0.0508944	0.221279	0.23	0.818	0.061940871	count	1
NCAPD2	0.0747489	0.3277537	0.2281	0.82	0.062073615	count	1
MIR181A1HG	0.0554985	0.372391	0.149	0.882	0.062073934	count	1
SEC31A	0.0456272	0.1153192	0.3957	0.692	0.062119314	count	1
NDUFB9	0.0436749	0.0662666	0.6591	0.51	0.062259468	count	1
ZNF213	0.0793673	0.6070474	0.1307	0.896	0.062620548	count	1
ZNF613	0.1385049	0.5789947	0.2392	0.811	0.062872992	count	1
NCK1	0.0454391	0.1018019	0.4463	0.655	0.062877982	count	1
NFKBIB	0.0478687	0.1406787	0.3403	0.734	0.062882945	count	1

PIM2	0.0452295	0.0775837	0.583	0.56	0.06295304	count	1
SUCLG2	0.0472137	0.1178349	0.4007	0.689	0.063040777	count	1
PI4K2B	0.0619346	0.3764613	0.1645	0.869	0.06310078	count	1
CNRIP1	0.1852369	1.0017281	0.1849	0.853	0.06315333	count	1
AL023584.2	0.1852369	1.0017281	0.1849	0.853	0.06315333	count	1
ATP12A	0.1852369	1.0017281	0.1849	0.853	0.06315333	count	1
CEACAM4	0.1852369	1.0017281	0.1849	0.853	0.06315333	count	1
BCAM	0.1852369	1.0017281	0.1849	0.853	0.06315333	count	1
AC073115.1	0.0760632	0.5311069	0.1432	0.886	0.06317353	count	1
DCAF4	0.1015362	0.3813025	0.2663	0.79	0.06318077	count	1
LZTR1	0.1017717	0.2990673	0.3403	0.734	0.063329327	count	1
CXADR	0.3193537	0.4653639	0.6862	0.493	0.063355065	count	1
PIK3CD	0.0525538	0.1794997	0.2928	0.77	0.063381555	count	1
LINC00239	0.0731101	0.2260087	0.3235	0.746	0.063393216	count	1
PRKAG2	0.0480403	0.1254573	0.3829	0.702	0.063423747	count	1
COASY	0.0557227	0.2241716	0.2486	0.804	0.063466383	count	1
ZAP70	0.0457555	0.0906908	0.5045	0.614	0.063812927	count	1
CDK5RAP2	0.0479538	0.147793	0.3245	0.746	0.063912298	count	1
GLE1	0.0669621	0.2898891	0.231	0.817	0.063917742	count	1
ATP6V1A	0.0627572	0.237985	0.2637	0.792	0.06394261	count	1
SPATA24	0.0931349	0.4541992	0.2051	0.838	0.063952827	count	1
HMBS	0.0770687	0.274192	0.2811	0.779	0.064015206	count	1
TMSB15B	0.3226955	0.5571186	0.5792	0.562	0.064056993	count	1
B4GALT1-AS1	0.3228475	0.8731714	0.3697	0.712	0.064088942	count	1
TSHZ2	0.0515169	0.1854252	0.2778	0.781	0.064132724	count	1
ZNF280C	0.1413124	0.46307	0.3052	0.76	0.064176245	count	1
GIMAP2	0.0465588	0.1127517	0.4129	0.68	0.064428125	count	1
NGDN	0.0470588	0.1126461	0.4178	0.676	0.064498468	count	1
SIRPB1	0.0696066	0.5256399	0.1324	0.895	0.064634779	count	1
CXorf56	0.0778273	0.3052262	0.255	0.799	0.064650317	count	1
TMEM175	0.0518272	0.2372618	0.2184	0.827	0.064726047	count	1
MBTPS1	0.0484095	0.1250558	0.3871	0.699	0.064752305	count	1
TXLNB	0.3262096	0.5098792	0.6398	0.522	0.064795902	count	1
EIF3E	0.0453595	0.0430841	1.0528	0.293	0.064825343	count	1
AL109955.1	0.1430177	0.4181664	0.342	0.732	0.064968389	count	1
DUSP2	0.045129	0.0450151	1.0025	0.316	0.065010969	count	1
FDPS	0.0464262	0.0927584	0.5005	0.617	0.065047077	count	1
MAP3K20	0.190812	0.400435	0.4765	0.634	0.065117195	count	1
RICTOR	0.0508413	0.1291854	0.3936	0.694	0.065144274	count	1
KDM1A	0.0516075	0.1907755	0.2705	0.787	0.065196634	count	1
TAF13	0.0546321	0.2093704	0.2609	0.794	0.065225083	count	1
TBX19	0.1435942	0.8271909	0.1736	0.862	0.065236275	count	1
ALG1	0.0611383	0.3435067	0.178	0.859	0.065316194	count	1
VPS16	0.0492284	0.1996274	0.2466	0.805	0.065354064	count	1
ZNF684	0.058144	0.2535523	0.2293	0.819	0.065656707	count	1

SENP6	0.0471736	0.0907628	0.5197	0.603	0.065802672	count	1
PRR7	0.0485158	0.12785	0.3795	0.704	0.065844887	count	1
C8orf59	0.0463817	0.0706239	0.6567	0.511	0.065849238	count	1
PPIL1	0.0554667	0.2642362	0.2099	0.834	0.065857529	count	1
KAT2A	0.1058424	0.4298589	0.2462	0.806	0.065898593	count	1
NAT1	0.3314934	0.5686284	0.583	0.56	0.065908442	count	1
TBCK	0.0602425	0.2929664	0.2056	0.837	0.065986455	count	1
MSH3	0.0537917	0.1714407	0.3138	0.754	0.066017345	count	1
AC245595.1	0.0836519	0.577401	0.1449	0.885	0.066031821	count	1
CCDC9	0.0560009	0.2277175	0.2459	0.806	0.066103369	count	1
TRBV3-1	0.1941709	0.7983751	0.2432	0.808	0.066302032	count	1
ARHGEF6	0.0509697	0.1394593	0.3655	0.715	0.066386875	count	1
ZNF251	0.0664916	0.3824533	0.1739	0.862	0.066464783	count	1
BCL2L14	0.3342678	0.6594309	0.5069	0.612	0.066493333	count	1
GAR1	0.0491521	0.1544328	0.3183	0.75	0.066513939	count	1
SETDB2	0.0561141	0.1950848	0.2876	0.774	0.06662806	count	1
CHST11	0.0485531	0.1099956	0.4414	0.659	0.066673929	count	1
VDAC3	0.0474759	0.0893434	0.5314	0.595	0.06670367	count	1
NHLRC3	0.0558738	0.1904897	0.2933	0.769	0.066711008	count	1
MOSPD1	0.0558933	0.2460551	0.2272	0.82	0.066734345	count	1
PHF5A	0.0480715	0.0998147	0.4816	0.63	0.066830557	count	1
ZNF600	0.0578257	0.2698396	0.2143	0.83	0.066911701	count	1
C15orf65	0.0772328	0.8661992	0.0892	0.929	0.066994465	count	1
FNIP2	0.0702235	0.4439553	0.1582	0.874	0.067048705	count	1
HCLS1	0.0472665	0.0589426	0.8019	0.423	0.067113345	count	1
RRM2B	0.0606099	0.2840551	0.2134	0.831	0.067124817	count	1
RAI2	0.3375276	0.7396117	0.4564	0.648	0.067181193	count	1
MEST	0.3375276	0.8174659	0.4129	0.68	0.067181193	count	1
AC009133.3	0.3375276	0.8833647	0.3821	0.702	0.067181193	count	1
ZSWIM7	0.0492794	0.1261673	0.3906	0.696	0.067225402	count	1
TNFRSF1A	0.0493029	0.1429697	0.3448	0.73	0.067349896	count	1
EAF1	0.0522559	0.1805087	0.2895	0.772	0.067362925	count	1
PAIP1	0.0490402	0.1309549	0.3745	0.708	0.067391641	count	1
CHTF8	0.0523443	0.1820776	0.2875	0.774	0.067477035	count	1
UFC1	0.0473156	0.0604682	0.7825	0.434	0.06752725	count	1
PIK3R5	0.0624205	0.2487692	0.2509	0.802	0.067567771	count	1
IKBKE	0.0663145	0.2175619	0.3048	0.761	0.067584157	count	1
SMU1	0.0490343	0.1028289	0.4769	0.633	0.067606387	count	1
MMAA	0.0916245	0.3660887	0.2503	0.802	0.067994053	count	1
PRMT7	0.0542767	0.2494704	0.2176	0.828	0.067998097	count	1
AKIRIN2	0.0489162	0.0854389	0.5725	0.567	0.068060078	count	1
RHOA	0.0473909	0.03821	1.2403	0.215	0.068066861	count	1
HPS4	0.057666	0.2014828	0.2862	0.775	0.068073841	count	1
MLF1	0.0547156	0.1908108	0.2868	0.774	0.068121995	count	1
SNIP1	0.0588835	0.1811317	0.3251	0.745	0.068139164	count	1

VAMP5	0.0484908	0.0931696	0.5205	0.603	0.068237664	count	1
HIRA	0.0919664	0.3957103	0.2324	0.816	0.068250475	count	1
SPCS2	0.0476688	0.0477733	0.9978	0.318	0.068304046	count	1
ZSCAN30	0.2002963	0.3293808	0.6081	0.543	0.068465991	count	1
APBA2	0.0789662	0.2131207	0.3705	0.711	0.068509435	count	1
ARMH1	0.0633008	0.2080404	0.3043	0.761	0.068524298	count	1
TBC1D7	0.0589054	0.2824339	0.2086	0.835	0.06864976	count	1
EXOSC5	0.0539411	0.2151271	0.2507	0.802	0.068661465	count	1
TMEM230	0.0486133	0.0743173	0.6541	0.513	0.068678079	count	1
SRPRA	0.0488928	0.0726397	0.6731	0.501	0.068809894	count	1
FAM213B	0.0675399	0.3089527	0.2186	0.827	0.068838987	count	1
AL121935.1	0.3453717	1.022695	0.3377	0.736	0.068839189	count	1
C14orf132	0.3453717	1.022695	0.3377	0.736	0.068839189	count	1
AC026471.3	0.3453717	1.022695	0.3377	0.736	0.068839189	count	1
NUP62CL	0.3453717	1.039067	0.3324	0.74	0.068839189	count	1
TRAIIP	0.3453717	1.335208	0.2587	0.796	0.068839189	count	1
ARHGAP42	0.3453717	1.335208	0.2587	0.796	0.068839189	count	1
PIGH	0.0518595	0.1868711	0.2775	0.781	0.068921008	count	1
EID1	0.0482546	0.0507173	0.9514	0.3414	0.068941499	count	1
CCDC122	0.0623002	0.4297957	0.145	0.885	0.069003352	count	1
ZC3H12D	0.057494	0.1932378	0.2975	0.766	0.069010524	count	1
KLHL6	0.0665874	0.239624	0.2779	0.781	0.069056014	count	1
ZNF66	0.0796473	0.3537616	0.2251	0.822	0.069104839	count	1
AC069224.1	0.1263881	0.8205518	0.154	0.878	0.069109542	count	1
AL445472.1	0.0657305	0.3050294	0.2155	0.829	0.069245063	count	1
C11orf54	0.0540602	0.223985	0.2414	0.809	0.069274785	count	1
FMN1	0.0877322	0.561588	0.1562	0.876	0.069283254	count	1
RASGEF1B	0.0501526	0.1255414	0.3995	0.69	0.069291405	count	1
PNKD	0.0495215	0.1036867	0.4776	0.633	0.069376437	count	1
SLC35B2	0.0543989	0.2269808	0.2397	0.811	0.069405251	count	1
COPS8	0.0511431	0.124644	0.4103	0.682	0.069413243	count	1
SNX11	0.0748284	0.2982792	0.2509	0.802	0.069514702	count	1
URGCP	0.0611623	0.2829632	0.2161	0.829	0.069681224	count	1
ZSCAN26	0.058386	0.2335317	0.25	0.803	0.069717779	count	1
COMMD6	0.0485957	0.0344397	1.411	0.158	0.069780352	count	1
TPRG1L	0.0525812	0.1529078	0.3439	0.731	0.069809668	count	1
SACM1L	0.0526289	0.1340493	0.3926	0.695	0.069873062	count	1
GLB1L2	0.0752143	0.8593096	0.0875	0.93	0.069875503	count	1
NCAPH	0.204527	0.4296356	0.476	0.634	0.069963033	count	1
VPS13C	0.0502741	0.0758132	0.6631	0.507	0.069963901	count	1
THAP5	0.051537	0.1328182	0.388	0.698	0.070025061	count	1
AC020911.2	0.0733399	0.3557537	0.2062	0.837	0.070041958	count	1
IFNGR2	0.0701012	0.2843323	0.2465	0.805	0.070091637	count	1
ARF1	0.0490107	0.0463418	1.0576	0.2903	0.070117772	count	1
CSNK2B	0.0493384	0.0658749	0.749	0.454	0.0701894	count	1

UBXN11	0.0560458	0.2015802	0.278	0.781	0.070218392	count	1
RGS2	0.050332	0.0975262	0.5161	0.606	0.070245353	count	1
MBLAC2	0.0718969	0.3785868	0.1899	0.849	0.070354708	count	1
PCDHGA10	0.2057726	0.7945023	0.259	0.796	0.070404145	count	1
CAHM	0.2057726	0.8293432	0.2481	0.804	0.070404145	count	1
AL603756.1	0.2057726	0.8421903	0.2443	0.807	0.070404145	count	1
SMAD1	0.1132238	0.7739991	0.1463	0.884	0.070564242	count	1
AC010247.2	0.1132238	0.7739991	0.1463	0.884	0.070564242	count	1
UQCRC1	0.0513899	0.1297607	0.396	0.692	0.070571811	count	1
CTSC	0.0492057	0.0588615	0.836	0.403	0.070598565	count	1
C18orf25	0.0577521	0.1930855	0.2991	0.765	0.070603321	count	1
C12orf75	0.0495193	0.067356	0.7352	0.462	0.070754573	count	1
RNF138	0.053028	0.1213792	0.4369	0.662	0.070811607	count	1
BTN3A2	0.0501791	0.081888	0.6128	0.54	0.070817225	count	1
VEZT	0.0552887	0.1470476	0.376	0.707	0.070851387	count	1
PPP3CB	0.0543649	0.1808171	0.3007	0.764	0.070924044	count	1
COP1	0.0601042	0.2168624	0.2772	0.782	0.070959699	count	1
RNF2	0.0554884	0.1638589	0.3386	0.735	0.071107682	count	1
AL355816.2	0.0900483	0.6518235	0.1381	0.89	0.071130078	count	1
NAA15	0.0536548	0.1319603	0.4066	0.684	0.071380577	count	1
ATMIN	0.0558616	0.1768351	0.3159	0.752	0.071433172	count	1
XPR1	0.1038925	0.3312978	0.3136	0.754	0.071435306	count	1
MAD2L1BP	0.0539865	0.1599774	0.3375	0.736	0.071446478	count	1
ACAA2	0.0509226	0.1047086	0.4863	0.627	0.071532728	count	1
MRPS27	0.0633453	0.2109147	0.3003	0.764	0.07154959	count	1
SMN2	0.2090486	0.3659365	0.5713	0.568	0.071565183	count	1
RP2	0.114843	0.2895621	0.3966	0.692	0.071588866	count	1
PAXX	0.0505822	0.0662699	0.7633	0.445	0.071971693	count	1
HIST1H2BJ	0.0799909	0.4969844	0.161	0.872	0.072014333	count	1
DUSP10	0.0589581	0.1561056	0.3777	0.706	0.07208089	count	1
CASP9	0.072161	0.300883	0.2398	0.81	0.072162114	count	1
UFM1	0.0518409	0.0934763	0.5546	0.579	0.07239884	count	1
SEC61G	0.0510592	0.0650988	0.7843	0.433	0.072410756	count	1
HENMT1	0.0538466	0.1800423	0.2991	0.765	0.072485542	count	1
NOXA1	0.1592364	0.6133014	0.2596	0.795	0.07252225	count	1
AC078846.1	0.212327	0.4880175	0.4351	0.664	0.072728232	count	1
YTHDF3-AS1	0.1329406	0.6113192	0.2175	0.828	0.07276163	count	1
ZNF335	0.0634655	0.2616102	0.2426	0.808	0.072903076	count	1
NOL4L	0.0634724	0.20074	0.3162	0.752	0.072911028	count	1
ZC3H11A	0.3654618	0.7013407	0.5211	0.602	0.073103393	count	1
SLC51A	0.3654618	0.7227846	0.5056	0.613	0.073103393	count	1
AL137779.1	0.3654618	0.9736011	0.3754	0.7074	0.073103393	count	1
TRGV8	0.2136066	0.5255821	0.4064	0.684	0.073182487	count	1
OTOF	0.2136171	0.446206	0.4787	0.632	0.073186215	count	1
ATP6V1C2	0.2136957	1.065637	0.2005	0.841	0.073214128	count	1

AC093827.4	0.2143671	0.4927387	0.4351	0.664	0.073452578	count	1
ZSCAN29	0.1068792	0.5529463	0.1933	0.847	0.073516076	count	1
AC239800.3	0.0617605	0.2220767	0.2781	0.781	0.073757564	count	1
SLC35C1	0.0594911	0.2665335	0.2232	0.823	0.07383281	count	1
TMEM44	0.0888222	0.5759535	0.1542	0.877	0.073865939	count	1
TTC27	0.0821557	0.2760433	0.2976	0.766	0.073977647	count	1
ABHD18	0.0756189	0.2723961	0.2776	0.781	0.074018118	count	1
C17orf97	0.2160729	0.6608779	0.3269	0.744	0.074058577	count	1
ATP6V0A2	0.062019	0.2111002	0.2938	0.769	0.074067072	count	1
SNRPB2	0.0521369	0.0676054	0.7712	0.441	0.074073482	count	1
ACSL5	0.0594993	0.2157438	0.2758	0.783	0.074089529	count	1
CNST	0.0580542	0.1412398	0.411	0.681	0.074241433	count	1
MAGEE1	0.0999636	0.617534	0.1619	0.871	0.074253803	count	1
DAPL1	0.0893351	0.4619954	0.1934	0.847	0.074296316	count	1
HRASLS2	0.1080703	0.6487478	0.1666	0.868	0.074346294	count	1
XRCC3	0.1080703	0.7898334	0.1368	0.891	0.074346294	count	1
TOMM22	0.0528356	0.0754034	0.7007	0.484	0.074420175	count	1
ACYP1	0.0563699	0.1636526	0.3444	0.731	0.074519901	count	1
ZNF263	0.0683353	0.2444412	0.2796	0.78	0.07488602	count	1
AC103706.1	0.1645968	0.4334505	0.3797	0.704	0.075026754	count	1
TMEM167B	0.056833	0.1510894	0.3762	0.707	0.075132813	count	1
PLEKHF2	0.0582907	0.1674254	0.3482	0.728	0.075154041	count	1
SMAD4	0.060612	0.177066	0.3423	0.732	0.075226769	count	1
AL117339.5	0.1651233	0.3615978	0.4566	0.648	0.075272956	count	1
ZNF773	0.0952567	0.4182481	0.2278	0.82	0.075286385	count	1
HARS	0.0557631	0.1418095	0.3932	0.694	0.075324831	count	1
CAMKMT	0.0728612	0.3338731	0.2182	0.827	0.075594417	count	1
STARD3	0.0561802	0.1384665	0.4057	0.685	0.075629769	count	1
MAF1	0.0540582	0.0789823	0.6844	0.494	0.075674246	count	1
CUL2	0.0589939	0.1505094	0.392	0.695	0.075763739	count	1
CXorf40A	0.0911222	0.2969688	0.3068	0.759	0.075796208	count	1
RASSF1	0.0539807	0.0937617	0.5757	0.565	0.075797216	count	1
TMEM41B	0.061144	0.1713755	0.3568	0.721	0.075888404	count	1
KIAA1191	0.0570697	0.1591452	0.3586	0.72	0.075928524	count	1
NSUN6	0.0610622	0.1831579	0.3334	0.739	0.076039598	count	1
MRPL48	0.0572121	0.1549201	0.3693	0.712	0.07604234	count	1
FLNA	0.0539755	0.0896721	0.6019	0.547	0.076095551	count	1
ATAD3A	0.0694873	0.2830364	0.2455	0.806	0.076153513	count	1
NPTN	0.0567504	0.1388331	0.4088	0.683	0.076505788	count	1
TMEM237	0.0850136	0.4587061	0.1853	0.853	0.076570663	count	1
BLOC1S3	0.0698699	0.3178459	0.2198	0.826	0.076574506	count	1
PSTK	0.068557	0.2368193	0.2895	0.772	0.076733879	count	1
C1orf216	0.092252	0.3157526	0.2922	0.77	0.0767447	count	1
EPHA1	0.0768599	0.2469249	0.3113	0.756	0.076887622	count	1
CHMP3	0.0581458	0.1437312	0.4045	0.686	0.076957341	count	1

BPHL	0.0755743	0.3773466	0.2003	0.841	0.0770715	count	1
TMEM39A	0.0662868	0.2238759	0.2961	0.767	0.077278612	count	1
UBB	0.0537372	0.0295668	1.8175	0.0692	0.077336739	count	1
STXBP1	0.141288	0.6570808	0.215	0.83	0.077423491	count	1
FOXD2-AS1	0.141288	0.7107542	0.1988	0.842	0.077423491	count	1
COG2	0.0645354	0.1898945	0.3398	0.734	0.077484456	count	1
MAPKAPK3	0.0587033	0.1508025	0.3893	0.697	0.077518225	count	1
RCC1	0.0893934	0.309016	0.2893	0.772	0.077632752	count	1
SIPA1L3	0.0861858	0.4989221	0.1727	0.863	0.077634582	count	1
LINC01871	0.0575205	0.1295841	0.4439	0.657	0.077649857	count	1
PTPRA	0.0551836	0.0883959	0.6243	0.532	0.077659058	count	1
WDR12	0.0717409	0.2608288	0.275	0.783	0.077700185	count	1
TUBE1	0.0624165	0.2162324	0.2887	0.773	0.077729546	count	1
BTG2	0.0541165	0.0467522	1.1575	0.247	0.077754666	count	1
DENND1C	0.0580777	0.1600763	0.3628	0.717	0.077827731	count	1
RGMB	0.22669	0.4514404	0.5021	0.616	0.077837474	count	1
EXTL3	0.22669	0.4901722	0.4625	0.644	0.077837474	count	1
ISOC1	0.0611558	0.1557593	0.3926	0.695	0.077860985	count	1
NFIA	0.0690369	0.2872258	0.2404	0.81	0.078001497	count	1
ENTPD4	0.0765177	0.2284973	0.3349	0.738	0.078038745	count	1
AAED1	0.0561452	0.1024059	0.5483	0.584	0.078076341	count	1
NOD2	0.1134278	0.6549651	0.1732	0.863	0.078083412	count	1
SLC8B1	0.0939147	0.2872379	0.327	0.744	0.078140944	count	1
XRCC4	0.0867456	0.2450227	0.354	0.723	0.078142748	count	1
SHMT2	0.0604294	0.1980239	0.3052	0.76	0.078202314	count	1
UCKL1	0.0573	0.1497116	0.3827	0.702	0.078282322	count	1
MAPKAPK5	0.0614404	0.1756318	0.3498	0.726	0.078404598	count	1
KCTD20	0.0610501	0.1831816	0.3333	0.739	0.078408704	count	1
CD2BP2	0.0570368	0.1173365	0.4861	0.627	0.078572682	count	1
CENPV	0.0702321	0.236318	0.2972	0.766	0.078615844	count	1
UTY	0.0604545	0.1511158	0.4001	0.689	0.078633119	count	1
GPSM3	0.0549427	0.0419953	1.3083	0.191	0.078690198	count	1
AC021016.3	0.1726515	0.5450027	0.3168	0.751	0.078797385	count	1
AL365205.1	0.3921107	0.532501	0.7364	0.462	0.078798351	count	1
C12orf73	0.0805174	0.30594	0.2632	0.792	0.078842567	count	1
GTF2H1	0.064959	0.1876497	0.3462	0.729	0.079100141	count	1
PPP4C	0.055758	0.0808481	0.6897	0.49	0.079103261	count	1
LAMP2	0.0575551	0.1254052	0.459	0.646	0.079182792	count	1
AC093495.1	0.1735187	0.574678	0.3019	0.763	0.079203863	count	1
RARS	0.0615655	0.200937	0.3064	0.759	0.079229828	count	1
LINC002481	0.0695528	0.3169913	0.2194	0.826	0.079273993	count	1
ING4	0.0636789	0.208933	0.3048	0.761	0.07930495	count	1
PDAP1	0.0562796	0.0800935	0.7027	0.482	0.079319288	count	1
Z68871.1	0.3950297	0.7555917	0.5228	0.601	0.079424769	count	1
NIP7	0.0578774	0.1151873	0.5025	0.615	0.079457693	count	1

PPDPF	0.0554812	0.0454072	1.2219	0.222	0.079568352	count	1
POLG2	0.0663512	0.2305643	0.2878	0.774	0.079670421	count	1
CLNS1A	0.0564746	0.0770774	0.7327	0.464	0.079687138	count	1
RPL10A	0.0553509	0.0185432	2.985	0.00286	0.079756461	count	1
DUS3L	0.0736625	0.2600366	0.2833	0.777	0.079790546	count	1
AC116913.1	0.1457926	0.6252669	0.2332	0.816	0.079943557	count	1
ETV3	0.0610413	0.1390693	0.4389	0.661	0.079993844	count	1
CMIP	0.0623748	0.1719411	0.3628	0.717	0.08011286	count	1
TYSND1	0.0675602	0.1922075	0.3515	0.725	0.080257912	count	1
SLC30A5	0.0750908	0.2224948	0.3375	0.736	0.080291899	count	1
VPS11	0.1285798	0.2830303	0.4543	0.65	0.08029828	count	1
C3orf38	0.0594207	0.1454119	0.4086	0.683	0.080372326	count	1
UBE2L3	0.0565227	0.0661047	0.855	0.393	0.080409446	count	1
MECP2	0.0581465	0.1007715	0.577	0.564	0.080451407	count	1
ELOF1	0.0596041	0.1261212	0.4726	0.637	0.080465208	count	1
POLE	0.0927601	0.5911278	0.1569	0.875	0.080582126	count	1
KAT6B	0.0603349	0.1177381	0.5124	0.608	0.080720598	count	1
PHYH	0.0635655	0.1666144	0.3815	0.703	0.080740887	count	1
MBD5	0.0606735	0.1465058	0.4141	0.679	0.080807176	count	1
YTHDC2	0.0602241	0.1545742	0.3896	0.697	0.080836169	count	1
SRPRB	0.0631377	0.1572801	0.4014	0.688	0.080926816	count	1
KDM6A	0.0730584	0.2471679	0.2956	0.768	0.080967604	count	1
DHRS11	0.1024108	0.4722478	0.2169	0.828	0.081002536	count	1
ZNF236	0.0649598	0.2543553	0.2554	0.798	0.081161625	count	1
MRPS30	0.0585479	0.1121654	0.522	0.602	0.081169277	count	1
RLN2	0.0873207	0.4008382	0.2178	0.828	0.081205985	count	1
SF3A3	0.0586566	0.1157284	0.5068	0.612	0.081240773	count	1
MAPK1IP1L	0.0580466	0.0839249	0.6916	0.489	0.081324397	count	1
MOB3C	0.0874693	0.2715593	0.3221	0.747	0.081345199	count	1
IL16	0.0578906	0.095422	0.6067	0.544	0.081399689	count	1
AC091729.3	0.2367448	0.7401979	0.3198	0.749	0.081427399	count	1
B3GNT7	0.2367448	0.8145557	0.2906	0.771	0.081427399	count	1
CEBPB	0.0575375	0.0682242	0.8434	0.399	0.0814921	count	1
PBX3	0.068235	0.2569841	0.2655	0.791	0.081511554	count	1
TNFAIP8L2	0.0636432	0.2385909	0.2667	0.79	0.081575845	count	1
SPATA20	0.0854437	0.3464505	0.2466	0.805	0.081681163	count	1
CD37	0.0568851	0.0344201	1.6527	0.0985	0.081701394	count	1
CLPTM1L	0.0612507	0.1429083	0.4286	0.668	0.08180395	count	1
UBFD1	0.0835433	0.3150073	0.2652	0.791	0.081824451	count	1
JPX	0.0608542	0.1448173	0.4202	0.674	0.081928069	count	1
GGT1	0.4074748	0.643716	0.633	0.527	0.082101205	count	1
ZNF814	0.0883257	0.3156068	0.2799	0.78	0.082147569	count	1
AC062017.1	0.1194535	0.4215321	0.2834	0.777	0.082292155	count	1
DVL1	0.0806933	0.3163437	0.2551	0.799	0.082321354	count	1
TBX1	0.1318303	0.894372	0.1474	0.883	0.082363509	count	1

MAGI2	0.2394504	0.6218048	0.3851	0.7	0.082395246	count	1
ENSA	0.057876	0.0611644	0.9462	0.344	0.08240143	count	1
TMEM229B	0.0841609	0.4188845	0.2009	0.841	0.082433225	count	1
MAN2A1	0.0631567	0.1763266	0.3582	0.72	0.082533661	count	1
ARHGEF3	0.0601633	0.1071217	0.5616	0.574	0.082567388	count	1
LINC01011	0.0917098	0.5003393	0.1833	0.855	0.082651161	count	1
CPEB2	0.2402076	0.326294	0.7362	0.462	0.082666272	count	1
TMEM167A	0.0596125	0.1090267	0.5468	0.585	0.082684917	count	1
PLCG2	0.0591712	0.0922856	0.6412	0.521	0.082716874	count	1
LONRF1	0.0826878	0.2725993	0.3033	0.762	0.082752834	count	1
BST2	0.0581702	0.0633851	0.9177	0.359	0.082900826	count	1
TDP1	0.0679207	0.1909869	0.3556	0.722	0.08306564	count	1
ZNF655	0.0613923	0.1178365	0.521	0.602	0.083092918	count	1
PRPS2	0.0654271	0.1712604	0.382	0.702	0.083109925	count	1
ZNF510	0.0814701	0.3662784	0.2224	0.824	0.083118322	count	1
RAB1B	0.0609053	0.1318049	0.4621	0.644	0.083211647	count	1
AC005838.2	0.1517698	0.4682221	0.3241	0.746	0.083292108	count	1
ASPHD2	0.0871744	0.3302734	0.2639	0.792	0.083347196	count	1
RBL2	0.0595973	0.0902724	0.6602	0.509	0.08345404	count	1
SAMD10	0.079193	0.2671485	0.2964	0.767	0.083499909	count	1
CSNK1G1	0.1211938	0.2409353	0.503	0.615	0.083508803	count	1
C5orf51	0.0753776	0.2717038	0.2774	0.781	0.083548594	count	1
UIMC1	0.062798	0.1585	0.3962	0.692	0.083558704	count	1
DAB2	0.0874839	0.5508418	0.1588	0.874	0.083645176	count	1
TRIM59	0.0693187	0.2636171	0.263	0.793	0.083655909	count	1
TMEM14A	0.0619087	0.1529245	0.4048	0.686	0.083843322	count	1
HS1BP3	0.0808987	0.3381497	0.2392	0.811	0.083978615	count	1
TRMT5	0.1010655	0.4038124	0.2503	0.802	0.084150814	count	1
RNPC3	0.064003	0.1544226	0.4145	0.679	0.084215893	count	1
GPN1	0.0658342	0.1638571	0.4018	0.688	0.084389139	count	1
WDR27	0.4180874	0.4897216	0.8537	0.393	0.08439075	count	1
FUBP3	0.0829433	0.2315737	0.3582	0.72	0.084629998	count	1
TAF1C	0.1138827	0.362801	0.3139	0.754	0.084727449	count	1
BCL2	0.0602433	0.076226	0.7903	0.429	0.084835552	count	1
ASPH	0.1019394	0.2775445	0.3673	0.713	0.084885837	count	1
TMEM115	0.0675329	0.1824152	0.3702	0.711	0.084888618	count	1
POLR2F	0.0605021	0.0908095	0.6663	0.505	0.084900494	count	1
PTPA	0.0697475	0.2620774	0.2661	0.79	0.084946244	count	1
TLE4	0.0606371	0.0895185	0.6774	0.498	0.084955264	count	1
KLHL28	0.0628725	0.1217063	0.5166	0.605	0.085045622	count	1
SLC35F5	0.079581	0.3013989	0.264	0.792	0.085116665	count	1
WDR54	0.0622	0.1240815	0.5013	0.616	0.085128577	count	1
LARP1B	0.0720912	0.2200429	0.3276	0.743	0.085156126	count	1
APOL2	0.066238	0.1767606	0.3747	0.708	0.085253264	count	1
RNASEH2C	0.0615658	0.0960744	0.6408	0.522	0.085395765	count	1

JAK3	0.0626097	0.1152314	0.5433	0.587	0.085503748	count	1
ZNF180	0.0949412	0.375122	0.2531	0.8	0.085587899	count	1
LENG8-AS1	0.0895187	0.423564	0.2113	0.833	0.085604599	count	1
SRD5A1	0.1028918	0.4413272	0.2331	0.816	0.085687023	count	1
RASGRP3	0.1028918	0.5128799	0.2006	0.841	0.085687023	count	1
CNOT9	0.0638557	0.1314265	0.4859	0.627	0.085715902	count	1
MBNL1	0.0604708	0.055537	1.0888	0.276	0.085787246	count	1
RTKN2	0.0727706	0.2563883	0.2838	0.777	0.085961177	count	1
WDR20	0.0642138	0.1482501	0.4331	0.665	0.085988469	count	1
TERF2	0.0688217	0.1741521	0.3952	0.693	0.085997375	count	1
INTS11	0.0620565	0.1049038	0.5916	0.554	0.086076788	count	1
SLC35A4	0.0805128	0.2937224	0.2741	0.784	0.086118211	count	1
IQSEC1	0.0710291	0.2016534	0.3522	0.725	0.086127949	count	1
AC119396.1	0.2499718	0.5433112	0.4601	0.645	0.086166315	count	1
TWISTNB	0.0624516	0.1238397	0.5043	0.614	0.08617007	count	1
RITA1	0.0713994	0.2409551	0.2963	0.767	0.086173958	count	1
ZNF519	0.108912	0.3840368	0.2836	0.777	0.086204157	count	1
MKL2	0.1379144	0.3267695	0.4221	0.673	0.086233507	count	1
PITHD1	0.0621193	0.0847824	0.7327	0.464	0.086261191	count	1
SUGP2	0.0663172	0.1786476	0.3712	0.71	0.086270656	count	1
COA1	0.0656761	0.1369098	0.4797	0.631	0.086308835	count	1
HS3T3B1	0.0740671	0.228321	0.3244	0.746	0.086379871	count	1
VPS37A	0.0667455	0.1808982	0.369	0.712	0.086389509	count	1
TARDBP	0.0832386	0.1667237	0.4993	0.618	0.08642106	count	1
KLHL12	0.0847353	0.356377	0.2378	0.812	0.086469198	count	1
RSRP1	0.0605451	0.0462442	1.3092	0.191	0.086533048	count	1
EDRF1	0.0789746	0.1849011	0.4271	0.669	0.086598059	count	1
C1orf174	0.0635732	0.1330528	0.4778	0.633	0.086740799	count	1
UPRT	0.1389502	0.3180757	0.4368	0.662	0.086892934	count	1
ABHD17C	0.0837441	0.3818388	0.2193	0.826	0.086948809	count	1
PDCL	0.0650449	0.1347029	0.4829	0.629	0.086953997	count	1
CPSF6	0.0690618	0.1568093	0.4404	0.66	0.087058037	count	1
TEX261	0.1263911	0.3243644	0.3897	0.697	0.087145019	count	1
FBXL12	0.0688007	0.1764968	0.3898	0.697	0.087186794	count	1
C18orf32	0.0735884	0.2078129	0.3541	0.723	0.087441307	count	1
TCF7L2	0.1400105	0.4893374	0.2861	0.775	0.087568129	count	1
AKAP10	0.0775547	0.2365199	0.3279	0.743	0.087663957	count	1
VAMP3	0.065719	0.1540285	0.4267	0.67	0.087778602	count	1
ALMS1	0.1918317	0.3686544	0.5204	0.603	0.087811003	count	1
EPS15L1	0.0821062	0.2379644	0.345	0.73	0.087831133	count	1
ITPR1-DT	0.1919139	0.8169072	0.2349	0.814	0.087849738	count	1
HLA-E	0.0610201	0.0218539	2.7922	0.00526	0.087901926	count	1
ANKHD1	0.0759291	0.2202368	0.3448	0.73	0.087935098	count	1
NEB	0.2550036	0.9654219	0.2641	0.792	0.087973916	count	1
WDCP	0.1111664	0.4644894	0.2393	0.811	0.088009477	count	1

MAZ	0.0622209	0.0751507	0.8279	0.408	0.088027017	count	1
TMEM179B	0.0628624	0.093436	0.6728	0.501	0.088366633	count	1
RPS6KA1	0.0695815	0.1627534	0.4275	0.669	0.088397607	count	1
VAMP7	0.072578	0.1782636	0.4071	0.684	0.088402835	count	1
ATF5	0.070131	0.1930452	0.3633	0.716	0.088408696	count	1
ZBTB21	0.0776814	0.1566116	0.496	0.62	0.088574724	count	1
NRM	0.071143	0.2543329	0.2797	0.78	0.088622269	count	1
POLR2D	0.0678591	0.1775382	0.3822	0.702	0.088688184	count	1
CERS6	0.0983527	0.289348	0.3399	0.734	0.08869004	count	1
GMPPA	0.0719592	0.2148804	0.3349	0.738	0.088709781	count	1
SIRT2	0.0666232	0.1408021	0.4732	0.636	0.088740913	count	1
CHTF18	0.2571473	0.6891592	0.3731	0.709	0.088744813	count	1
RAB40C	0.0953749	0.3080259	0.3096	0.757	0.08875619	count	1
ENDOD1	0.0747318	0.2146501	0.3482	0.728	0.088804211	count	1
IARS2	0.0747786	0.1661007	0.4502	0.653	0.088859998	count	1
AL121603.2	0.0767718	0.2343555	0.3276	0.743	0.088914559	count	1
DSE	0.1125609	0.3312055	0.3399	0.734	0.089126599	count	1
ZNF28	0.1025269	0.501504	0.2044	0.838	0.089148265	count	1
HDAC3	0.0646588	0.1215579	0.5319	0.595	0.089163626	count	1
FSIP1	0.112631	0.5539813	0.2033	0.839	0.08918276	count	1
RNLS	0.1623659	0.6701526	0.2423	0.809	0.089241196	count	1
MBOAT7	0.0760726	0.2247645	0.3385	0.735	0.089316786	count	1
VPS26B	0.0677469	0.1690791	0.4007	0.689	0.089370394	count	1
HCG11	0.1626875	0.4185413	0.3887	0.698	0.089422014	count	1
RBM10	0.0791724	0.2239495	0.3535	0.724	0.089499966	count	1
AHCYL2	0.1075094	0.4156534	0.2587	0.796	0.089573499	count	1
ZNF444	0.0817125	0.2738299	0.2984	0.765	0.089614214	count	1
RAB30-AS1	0.0714988	0.1857815	0.3849	0.7	0.08962273	count	1
ZNF276	0.0671182	0.1425341	0.4709	0.638	0.089649686	count	1
ZNF593	0.066144	0.1578503	0.419	0.675	0.089792165	count	1
LMAN1	0.0636836	0.0817766	0.7788	0.436	0.089815125	count	1
ZFP3	0.443123	0.6513578	0.6803	0.496	0.089817607	count	1
AP4M1	0.0782596	0.2502043	0.3128	0.754	0.089961848	count	1
AC004825.2	0.4439376	0.4856246	0.9142	0.361	0.089994762	count	1
SPG7	0.0686792	0.1416766	0.4848	0.628	0.09001828	count	1
BRCA2	0.0998298	0.3339375	0.2989	0.765	0.090033742	count	1
FAM49B	0.0632868	0.0615875	1.0276	0.304	0.090080124	count	1
PKN1	0.0647094	0.1018119	0.6356	0.525	0.090148824	count	1
CCNB1	0.1968509	0.4220611	0.4664	0.641	0.090177741	count	1
APOPT1	0.0659668	0.1326645	0.4972	0.619	0.090211607	count	1
IVNS1ABP	0.0659493	0.0921806	0.7154	0.474	0.090264122	count	1
TGOLN2	0.0643029	0.0769402	0.8358	0.403	0.090326504	count	1
SYNGR3	0.0921845	0.4296603	0.2146	0.83	0.090347139	count	1
SLC39A10	0.0659724	0.1147984	0.5747	0.566	0.090645366	count	1
ZNF17	0.4479253	0.3598263	1.2448	0.213	0.090862608	count	1

KIAA1328	0.0850555	0.2614415	0.3253	0.745	0.0910025	count	1
ZNF358	0.090928	0.3804002	0.239	0.811	0.091053866	count	1
RGS9	0.0685214	0.1622655	0.4223	0.673	0.091093287	count	1
CLMP	0.1320614	0.9215849	0.1433	0.886	0.091117073	count	1
SLC25A43	0.1456711	0.368882	0.3949	0.693	0.091175722	count	1
SPATA1	0.4494583	0.7216683	0.6228	0.533	0.091196478	count	1
SLC39A13	0.0777366	0.2241557	0.3468	0.729	0.091277198	count	1
ZNF529	0.0865686	0.2733093	0.3167	0.751	0.091319574	count	1
MIAT	0.0699884	0.190195	0.368	0.713	0.091339078	count	1
GTF2F1	0.066526	0.1051563	0.6326	0.527	0.091406581	count	1
TCIRG1	0.0708047	0.1407733	0.503	0.615	0.091487569	count	1
SLC35D2	0.0676008	0.1253803	0.5392	0.59	0.091504359	count	1
MCL1	0.0639902	0.0463952	1.3792	0.168	0.091556837	count	1
COQ4	0.067668	0.1381511	0.4898	0.624	0.091811403	count	1
ARRDC5	0.2005751	0.6266622	0.3201	0.749	0.091935959	count	1
MFSD12	0.0754951	0.1780791	0.4239	0.672	0.091965905	count	1
SKAP2	0.0674956	0.1508898	0.4473	0.655	0.092053904	count	1
PIGO	0.090207	0.3126208	0.2886	0.773	0.092087697	count	1
MRPL32	0.0669326	0.1137113	0.5886	0.556	0.092214782	count	1
PCMTD1	0.0663936	0.0948771	0.6998	0.484	0.09222024	count	1
TIA1	0.0693714	0.1538892	0.4508	0.652	0.092224754	count	1
NSL1	0.0667026	0.1170324	0.57	0.569	0.092248373	count	1
AC009041.2	0.2013346	0.428263	0.4701	0.638	0.092294748	count	1
AL080276.2	0.1678024	0.5520719	0.304	0.761	0.092299835	count	1
PSPH	0.2671099	0.5516744	0.4842	0.628	0.092333739	count	1
NAT10	0.1239756	0.2786983	0.4448	0.656	0.092341464	count	1
VIPR2	0.4554238	0.4390221	1.0374	0.3	0.092496899	count	1
PIK3C2B	0.0825893	0.2997074	0.2756	0.783	0.092509034	count	1
MAP2K5	0.0967809	0.2999229	0.3227	0.747	0.092602678	count	1
KCNA2	0.2020399	0.9344912	0.2162	0.829	0.092627999	count	1
U62317.3	0.2020399	1.0391026	0.1944	0.846	0.092627999	count	1
ATP5F1A	0.0654209	0.0631517	1.0359	0.3	0.09268866	count	1
RPS14	0.06457	0.013832	4.6682	3.16E-06	0.093118207	count	0.07606436
PNPO	0.095018	0.3595035	0.2643	0.792	0.09314408	count	1
UBE2G1	0.067953	0.1129188	0.6018	0.547	0.093159284	count	1
MOB1A	0.0657484	0.0709195	0.9271	0.354	0.093218997	count	1
INTS4	0.0913218	0.2341941	0.3899	0.697	0.093232898	count	1
RORC	0.1252752	0.6071145	0.2063	0.837	0.093323041	count	1
IRAK3	0.1252752	0.6682561	0.1875	0.851	0.093323041	count	1
ARC	0.2698571	0.6642689	0.4062	0.685	0.093325157	count	1
PHF2	0.0975517	0.2346236	0.4158	0.678	0.093345889	count	1
RPL21	0.0648632	0.0186407	3.4797	0.000508	0.093476834	count	1
HEXIM1	0.0722671	0.1203037	0.6007	0.548	0.093548833	count	1
NIPBL	0.0674967	0.0938282	0.7194	0.472	0.093561111	count	1
FGF14-AS2	0.4604262	0.925911	0.4973	0.619	0.093588883	count	1

OSTF1	0.065803	0.0617376	1.0658	0.287	0.093952693	count	1
B3GALT4	0.0696565	0.1641989	0.4242	0.671	0.093987636	count	1
RPL12	0.065196	0.0173493	3.7578	0.000174	0.094003609	count	1
RCOR1	0.0726899	0.1698818	0.4279	0.669	0.094097112	count	1
SLC38A1	0.0676218	0.0802785	0.8423	0.4	0.094137793	count	1
AC005332.3	0.2723455	0.8091529	0.3366	0.736	0.094223871	count	1
SDHC	0.0673521	0.087372	0.7709	0.441	0.094267005	count	1
OSBPL10	0.2056288	0.5585995	0.3681	0.713	0.09432472	count	1
EIF2A	0.0678706	0.083167	0.8161	0.415	0.09435281	count	1
WDR44	0.0804709	0.2044871	0.3935	0.694	0.094499162	count	1
TAF4	0.0964083	0.3222222	0.2992	0.765	0.094516854	count	1
ZNF687	0.1271004	0.4848072	0.2622	0.793	0.094702062	count	1
AC084018.2	0.1049695	0.3783861	0.2774	0.781	0.094711832	count	1
UBE2V1	0.0734854	0.1944827	0.3779	0.706	0.094781092	count	1
IGHV1-3	0.4659759	0.5815976	0.8012	0.423	0.094801931	count	1
ATG12	0.0685286	0.0937628	0.7309	0.465	0.094898868	count	1
ELOVL5	0.0688846	0.1079381	0.6382	0.523	0.094936182	count	1
TMEM109	0.0671952	0.0768165	0.8747	0.382	0.094962921	count	1
FAM184B	0.1139385	0.4375241	0.2604	0.795	0.094990206	count	1
CD8B2	0.1376026	0.5641133	0.2439	0.807	0.095003572	count	1
SH3BP1	0.0688725	0.120758	0.5703	0.568	0.095064061	count	1
ARSD	0.0949425	0.4720225	0.2011	0.841	0.09510139	count	1
RBM19	0.0850323	0.2296385	0.3703	0.711	0.095257749	count	1
ACTL6A	0.0727729	0.1646761	0.4419	0.659	0.095258459	count	1
PPP1R18	0.0668421	0.0659604	1.0134	0.311	0.095307139	count	1
ARAF	0.0756411	0.1969575	0.384	0.701	0.095370602	count	1
HSPA13	0.0783036	0.1410894	0.555	0.579	0.095397015	count	1
NDOR1	0.2080207	0.7598515	0.2738	0.784	0.095456456	count	1
ITGB4	0.2760046	0.6169093	0.4474	0.655	0.095546566	count	1
PLA2G15	0.2760969	0.5414341	0.5099	0.61	0.095579944	count	1
RPL18A	0.0663095	0.016145	4.1071	4.10E-05	0.095604395	count	0.982934
ITFG2-AS1	0.4697727	0.5915249	0.7942	0.427	0.095632786	count	1
DMTF1	0.0732093	0.1529523	0.4786	0.632	0.095692059	count	1
BLOC1S4	0.0684274	0.0980745	0.6977	0.485	0.09573249	count	1
FAM120C	0.0884157	0.3104149	0.2848	0.776	0.095854532	count	1
AL645568.1	0.0864525	0.2362036	0.366	0.714	0.095882271	count	1
GNAI3	0.0680338	0.0762593	0.8921	0.372	0.095922527	count	1
CTC1	0.088593	0.2781286	0.3185	0.75	0.096047747	count	1
RPL7A	0.0666256	0.0140741	4.7339	2.29E-06	0.096072291	count	0.05514778
AUP1	0.069572	0.0984992	0.7063	0.48	0.096086044	count	1
PRMT2	0.0678724	0.067491	1.0057	0.315	0.096314492	count	1
DCUN1D2	0.2099164	0.5723854	0.3667	0.714	0.09635394	count	1
JAKMIP2	0.0764361	0.2092511	0.3653	0.715	0.09637525	count	1
NAA35	0.0807037	0.1887479	0.4276	0.669	0.096455423	count	1
SUMO3	0.0689483	0.0911402	0.7565	0.449	0.09646161	count	1

LY96	0.0788843	0.1666471	0.4734	0.636	0.09651218	count	1
CHP1	0.0727679	0.1589318	0.4579	0.647	0.096546999	count	1
MAGEH1	0.0833702	0.2041029	0.4085	0.683	0.096586346	count	1
PRPF18	0.0723383	0.1547619	0.4674	0.64	0.09663106	count	1
SNX18	0.078379	0.2483562	0.3156	0.752	0.096645383	count	1
PRR7-AS1	0.4749195	0.6696605	0.7092	0.478	0.096760304	count	1
EIF3F	0.0674691	0.0390673	1.727	0.0843	0.096778812	count	1
ZNF248	0.1113024	0.3098427	0.3592	0.719	0.096857519	count	1
MTCH2	0.0727882	0.1435029	0.5072	0.612	0.096963488	count	1
PRMT9	0.0784651	0.177143	0.4429	0.658	0.097104572	count	1
ZNF219	0.0969569	0.3279383	0.2957	0.768	0.097133192	count	1
AKR7A2	0.070499	0.121489	0.5803	0.562	0.097310729	count	1
POLR3F	0.0814701	0.2732531	0.2981	0.766	0.097374432	count	1
MIR29B2CHG	0.2124017	0.3778793	0.5621	0.574	0.097531252	count	1
ZNF37A	0.0825811	0.2100814	0.3931	0.694	0.097591048	count	1
SDF4	0.0699377	0.0929529	0.7524	0.452	0.097606711	count	1
ZNF440	0.212756	0.4937979	0.4309	0.667	0.097699153	count	1
C2CD4D	0.1051074	0.423702	0.2481	0.804	0.097892492	count	1
CIRBP	0.0683163	0.0411358	1.6607	0.0969	0.097894921	count	1
SOCS1	0.0684479	0.0513443	1.3331	0.183	0.097903226	count	1
STAM2	0.08286	0.2708263	0.306	0.76	0.097921807	count	1
AC139887.2	0.2134519	0.3554709	0.6005	0.548	0.09802898	count	1
DNAJC6	0.2136957	0.8544277	0.2501	0.803	0.098144548	count	1
RPL18	0.0680852	0.015714	4.3328	1.52E-05	0.098169103	count	0.3650736
PARP12	0.089516	0.2263715	0.3954	0.693	0.09821567	count	1
BAIAP2-DT	0.2138848	0.873147	0.245	0.807	0.098234191	count	1
AL357078.1	0.2138848	1.0988698	0.1946	0.846	0.098234191	count	1
ZMYND10	0.2138848	1.2092927	0.1769	0.86	0.098234191	count	1
NPY1R	0.2138848	1.2092927	0.1769	0.86	0.098234191	count	1
ZFP2	0.2138848	1.2092927	0.1769	0.86	0.098234191	count	1
CASP5	0.2138848	1.2092927	0.1769	0.86	0.098234191	count	1
RNFT2	0.2138848	1.2092927	0.1769	0.86	0.098234191	count	1
AC010542.4	0.2138848	1.2092927	0.1769	0.86	0.098234191	count	1
ALPK2	0.2138848	1.2092927	0.1769	0.86	0.098234191	count	1
ZNF780B	0.1239528	0.3161036	0.3921	0.695	0.098264012	count	1
NUDT19	0.0833242	0.2316289	0.3597	0.719	0.098472335	count	1
AC040162.1	0.102916	0.3234202	0.3182	0.75	0.098520565	count	1
TRAPPC1	0.0691237	0.0679901	1.0167	0.309	0.098567088	count	1
BTN3A3	0.0743721	0.1683768	0.4417	0.659	0.098572874	count	1
CYTH1	0.0710765	0.0912723	0.7787	0.436	0.098641515	count	1
KIAA1147	0.1244548	0.2399521	0.5187	0.604	0.098667132	count	1
SNRPD3	0.0695656	0.0623499	1.1157	0.265	0.098721925	count	1
SLC19A2	0.1324484	0.4242951	0.3122	0.755	0.098745719	count	1
C11orf1	0.0770986	0.1531939	0.5033	0.615	0.098857828	count	1
ST8SIA4	0.071314	0.1075173	0.6633	0.507	0.098926004	count	1

GPA1	0.0726134	0.1385069	0.5243	0.6	0.098992993	count	1
FAM200A	0.0902556	0.3177635	0.284	0.776	0.09903127	count	1
GID8	0.0719517	0.1131414	0.6359	0.525	0.099103206	count	1
CHRN1	0.0764306	0.1818762	0.4202	0.674	0.099120883	count	1
SRSF7	0.0692291	0.038924	1.7786	0.0754	0.09914197	count	1
ACSS2	0.1435942	0.5955148	0.2411	0.809	0.099211366	count	1
MAP3K12	0.0752926	0.1609996	0.4677	0.64	0.09921862	count	1
BTN3A1	0.0730861	0.116325	0.6283	0.53	0.099225902	count	1
AC012306.2	0.0808145	0.2989162	0.2704	0.787	0.099277383	count	1
ANXA4	0.0730219	0.1451894	0.5029	0.615	0.099299743	count	1
IRF5	0.2868159	0.5907218	0.4855	0.627	0.099462491	count	1
PIP4K2C	0.0973904	0.3419416	0.2848	0.776	0.099469898	count	1
DBNL	0.0717744	0.0997821	0.7193	0.472	0.099633122	count	1
AL161729.1	0.1810596	0.7163003	0.2528	0.8	0.099776349	count	1
HIST1H2BB	0.1810596	0.7203555	0.2513	0.802	0.099776349	count	1
MELK	0.1810596	0.9190042	0.197	0.844	0.099776349	count	1
HIST1H2BN	0.1258373	0.2528042	0.4978	0.619	0.099777522	count	1
ZNF551	0.1594979	0.4473247	0.3566	0.721	0.100008336	count	1
FBXO4	0.0805956	0.2238658	0.36	0.719	0.100095285	count	1
RGN	0.2885986	0.8353476	0.3455	0.73	0.100109298	count	1
BIRC5	0.2885986	1.0178124	0.2835	0.777	0.100109298	count	1
GTPBP10	0.0812083	0.20094	0.4041	0.686	0.100143777	count	1
SLC17A5	0.1075104	0.308806	0.3481	0.728	0.100150425	count	1
COA3	0.0734476	0.1390981	0.528	0.598	0.100179274	count	1
TMEM187	0.0801474	0.2559022	0.3132	0.754	0.100490612	count	1
SELENOW	0.0703548	0.0530825	1.3254	0.185	0.100577571	count	1
SDHAF2	0.0721404	0.1068611	0.6751	0.5	0.100648902	count	1
LUC7L	0.0745905	0.1237763	0.6026	0.547	0.100652709	count	1
UNC50	0.0734304	0.1235172	0.5945	0.552	0.100864756	count	1
BTD	0.0832267	0.2017836	0.4125	0.68	0.100964916	count	1
PCED1B	0.0734522	0.1532086	0.4794	0.632	0.101037024	count	1
ZNF486	0.105654	0.3844531	0.2748	0.783	0.10116336	count	1
DHFR	0.1356631	0.334766	0.4052	0.685	0.101178541	count	1
ACACB	0.1467323	0.3674084	0.3994	0.69	0.101417417	count	1
SPTSSA	0.076972	0.1535887	0.5012	0.616	0.101435174	count	1
SLC16A1	0.0794936	0.1650325	0.4817	0.63	0.101492713	count	1
CALCOCO2	0.0731373	0.0899979	0.8127	0.416	0.10152626	count	1
PSKH1	0.1217315	0.4430431	0.2748	0.784	0.101564629	count	1
TMOD2	0.128199	0.3099863	0.4136	0.679	0.101675067	count	1
IL32	0.0706084	0.0249938	2.825	0.00476	0.101750561	count	1
KYAT1	0.1847897	0.4658457	0.3967	0.692	0.101884492	count	1
AZIN2	0.1847897	0.4947155	0.3735	0.709	0.101884492	count	1
TBRG4	0.0837069	0.1693938	0.4942	0.621	0.102000057	count	1
MRAP2	0.1852369	0.7145813	0.2592	0.795	0.102137371	count	1
PC	0.1852369	0.7145813	0.2592	0.795	0.102137371	count	1

FAM86C1	0.2222414	0.6066897	0.3663	0.714	0.102200147	count	1
HS2ST1	0.1853734	0.3279606	0.5652	0.572	0.102214563	count	1
PIGG	0.1479082	0.2886746	0.5124	0.608	0.102244457	count	1
TTC5	0.0779701	0.1922168	0.4056	0.685	0.102355985	count	1
HUWE1	0.0840708	0.1349356	0.623	0.533	0.102444845	count	1
AMMECR1	0.0872455	0.2652154	0.329	0.742	0.102485176	count	1
CDKAL1	0.1022805	0.2568568	0.3982	0.691	0.102505438	count	1
ABCA5	0.0834699	0.2130286	0.3918	0.695	0.10254896	count	1
TNFRSF25	0.0821132	0.1308648	0.6275	0.53	0.102649241	count	1
CA5B	0.0759641	0.1273664	0.5964	0.551	0.102774147	count	1
AL683807.1	0.1487373	0.5471147	0.2719	0.786	0.102827704	count	1
C12orf43	0.0789285	0.1969201	0.4008	0.689	0.102869263	count	1
IGFBP4	0.0937447	0.2699634	0.3472	0.728	0.102879771	count	1
CARM1	0.1107136	0.3326172	0.3329	0.739	0.103161554	count	1
RPS27	0.0718143	0.0142293	5.0469	4.73E-07	0.103524331	count	0.011408287
ZNF582	0.1305728	0.5967344	0.2188	0.827	0.103583206	count	1
AUH	0.0877908	0.2019033	0.4348	0.664	0.103770659	count	1
PDCD11	0.0983128	0.2962355	0.3319	0.74	0.103785153	count	1
DHCR24	0.5069926	0.7327803	0.6919	0.489	0.10381785	count	1
TIMM29	0.0813454	0.1845859	0.4407	0.659	0.103862193	count	1
EMC4	0.0740521	0.0863576	0.8575	0.391	0.104113731	count	1
SNX29	0.0871046	0.2327932	0.3742	0.708	0.104132557	count	1
ZNF142	0.2997758	0.3901262	0.7684	0.442	0.104172077	count	1
KIAA0825	0.0973218	0.2699333	0.3605	0.718	0.104203947	count	1
YARS2	0.0876663	0.2185511	0.4011	0.688	0.104230419	count	1
PHF8	0.1197037	0.2676912	0.4472	0.655	0.104249019	count	1
TPD52	0.0775819	0.1354889	0.5726	0.567	0.10432369	count	1
YY1AP1	0.0838003	0.1949929	0.4298	0.667	0.104432016	count	1
CAPZB	0.0728757	0.0437302	1.6665	0.0957	0.104439064	count	1
SIDT1-AS1	0.1157104	0.3344046	0.346	0.729	0.104500812	count	1
TRAFD1	0.0832129	0.2081117	0.3998	0.689	0.104648301	count	1
FAAP24	0.1897673	0.5650926	0.3358	0.737	0.104700758	count	1
STAT2	0.0832672	0.1794926	0.4639	0.643	0.104716759	count	1
CCT7	0.0742933	0.0726723	1.0223	0.307	0.104808269	count	1
AC072061.1	0.5117457	0.5852864	0.8744	0.382	0.104868225	count	1
SEC11A	0.0736327	0.064521	1.1412	0.254	0.104869782	count	1
ARMCX4	0.1126883	0.5739656	0.1963	0.844	0.105018583	count	1
CMTM8	0.0790128	0.1212491	0.6517	0.515	0.105061172	count	1
SMIM30	0.0866523	0.1792564	0.4834	0.629	0.105134085	count	1
GABPB1-AS1	0.0754739	0.091322	0.8265	0.409	0.105135055	count	1
NOA1	0.0818444	0.1443608	0.5669	0.571	0.105381862	count	1
TRIM32	0.1524539	0.4551544	0.3349	0.738	0.105443543	count	1
TAGLN2	0.0733463	0.0361421	2.0294	0.0425	0.105498981	count	1
NECAP1	0.0785857	0.1313421	0.5983	0.55	0.105514157	count	1
REPIN1	0.0911376	0.2131791	0.4275	0.669	0.105623008	count	1

ARL4A	0.0746733	0.0772908	0.9661	0.334	0.105720302	count	1
ZSWIM5	0.2297141	0.7670092	0.2995	0.765	0.105754073	count	1
LMAN2	0.0747723	0.0746175	1.0021	0.316	0.10588842	count	1
CLPX	0.0862636	0.1726369	0.4997	0.617	0.105991549	count	1
ZNF211	0.1058118	0.3165638	0.3343	0.738	0.106071117	count	1
KIF1BP	0.0857511	0.2165025	0.3961	0.692	0.10614725	count	1
ESM1	0.1272091	0.5722801	0.2223	0.824	0.106191279	count	1
ANXA2R	0.0759576	0.1034795	0.734	0.463	0.106211841	count	1
COMMD9	0.0810563	0.1777816	0.4559	0.648	0.106269472	count	1
ARFRP1	0.0786012	0.1249155	0.6292	0.529	0.106279318	count	1
TRAV14DV4	0.1341085	0.6656161	0.2015	0.84	0.10642693	count	1
AC079305.1	0.3062216	0.602065	0.5086	0.611	0.106520611	count	1
CHRM3-AS2	0.1087962	0.2190927	0.4966	0.62	0.106760477	count	1
CD164	0.0754346	0.0701254	1.0757	0.282	0.10676953	count	1
KARS	0.0820722	0.1473917	0.5568	0.578	0.106805133	count	1
CLU	0.0802016	0.1372097	0.5845	0.559	0.106954463	count	1
CSF2	0.5216783	0.7998895	0.6522	0.5143	0.107066824	count	1
GKAP1	0.0931541	0.1581056	0.5892	0.556	0.107159783	count	1
CHORDC1	0.0772776	0.0894807	0.8636	0.388	0.107482852	count	1
PCGF6	0.0921034	0.2915145	0.3159	0.752	0.107501977	count	1
ABRAXAS2	0.0816734	0.1771107	0.4612	0.645	0.10750636	count	1
BROX	0.07867	0.1139559	0.6904	0.49	0.1075066	count	1
ERG28	0.0781971	0.1168992	0.6689	0.504	0.107641991	count	1
IKZF5	0.0936358	0.2172511	0.431	0.666	0.107716364	count	1
NAP1L2	0.1124425	0.3324632	0.3382	0.735	0.107720391	count	1
NPM3	0.1192934	0.3144713	0.3793	0.704	0.107770062	count	1
CD48	0.0750693	0.0304171	2.468	0.0136	0.107900047	count	1
MTMR1	0.0963349	0.2672999	0.3604	0.719	0.107983436	count	1
BRPF3	0.1560723	0.385015	0.4054	0.685	0.10799229	count	1
SETMAR	0.2346914	0.4657614	0.5039	0.614	0.108125094	count	1
SLC25A42	0.0853303	0.2143601	0.3981	0.691	0.108185058	count	1
MRPL27	0.078323	0.1273194	0.6152	0.538	0.108272664	count	1
PIK3R4	0.1964573	0.3783901	0.5192	0.604	0.108491355	count	1
AL391244.3	0.5281581	1.206944	0.4376	0.662	0.108503754	count	1
LPAR3	0.5281581	1.206944	0.4376	0.662	0.108503754	count	1
AC007495.1	0.5281581	1.206944	0.4376	0.662	0.108503754	count	1
AC080112.1	0.5281581	1.206944	0.4376	0.662	0.108503754	count	1
KCNG1	0.5281581	1.206944	0.4376	0.662	0.108503754	count	1
AC027307.1	0.5281581	1.206944	0.4376	0.662	0.108503754	count	1
FBXO27	0.5281581	1.206944	0.4376	0.662	0.108503754	count	1
SLC44A5	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
ADAMTS9	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
TIGD4	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
SLC26A7	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
FAM13C	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1

RASSF9	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
FGF14	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
AC018904.1	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
PRSS27	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
CDH5	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
LINC00896	0.5281581	1.381269	0.3824	0.702	0.108503754	count	1
UBR4	0.0943936	0.2071059	0.4558	0.649	0.108592012	count	1
C1RL	0.124844	0.3115494	0.4007	0.689	0.108776713	count	1
FDX1	0.0775155	0.0901284	0.8601	0.39	0.108941015	count	1
SARS2	0.3133128	0.425475	0.7364	0.462	0.109109044	count	1
EIF2B5	0.0838715	0.171838	0.4881	0.626	0.109151178	count	1
OR4D1	0.1737872	0.4969779	0.3497	0.727	0.109166615	count	1
MIF-AS1	0.3138908	0.59645	0.5263	0.599	0.109320241	count	1
TRAF1	0.0834715	0.1422419	0.5868	0.557	0.109441599	count	1
ERCC6	0.0884157	0.2249049	0.3931	0.694	0.109455331	count	1
TMEM209	0.1010159	0.2640457	0.3826	0.702	0.109595046	count	1
IDS	0.0771112	0.0625592	1.2326	0.218	0.109595744	count	1
MTPN	0.0771199	0.0646849	1.1922	0.233	0.109608113	count	1
RAB18	0.0797476	0.1132696	0.7041	0.481	0.109628173	count	1
PODXL2	0.1313841	0.5031601	0.2611	0.794	0.109720754	count	1
PRDX6	0.0772556	0.062945	1.2274	0.22	0.109793585	count	1
RBM6	0.0811889	0.1048665	0.7742	0.439	0.109851339	count	1
DNASE1L1	0.2385368	0.3639085	0.6555	0.512	0.109959021	count	1
PACRGL	0.2391501	0.4672467	0.5118	0.609	0.110251685	count	1
PCSK1N	0.0932598	0.3141352	0.2969	0.767	0.110260614	count	1
SLC36A4	0.0944813	0.2359201	0.4005	0.689	0.110289121	count	1
RHCE	0.3166253	0.9224232	0.3433	0.731	0.110319802	count	1
TTC30A	0.3166253	0.9224232	0.3433	0.731	0.110319802	count	1
NOMO2	0.3173528	0.680307	0.4665	0.641	0.110585856	count	1
FXYD5	0.0769363	0.0317482	2.4233	0.0154	0.110684243	count	1
ERI3	0.0876194	0.1824002	0.4804	0.631	0.110808889	count	1
RAB9A	0.0792679	0.0866771	0.9145	0.361	0.110826921	count	1
TRIM37	0.0877412	0.2114686	0.4149	0.678	0.110963314	count	1
LINC01089	0.0921792	0.2591051	0.3558	0.722	0.111342664	count	1
KIAA0556	0.1162067	0.4081264	0.2847	0.776	0.111359031	count	1
SIKE1	0.083517	0.1313566	0.6358	0.525	0.111382334	count	1
SYCE1L	0.5417467	0.4209516	1.287	0.198	0.11152366	count	1
GORASP1	0.2018851	0.4411809	0.4576	0.647	0.111571374	count	1
FAN1	0.1016637	0.385194	0.2639	0.792	0.111619722	count	1
ZNF589	0.1612852	0.3760812	0.4289	0.668	0.111667677	count	1
ARFGAP1	0.140824	0.2631823	0.5351	0.593	0.111833414	count	1
LASP1	0.0915971	0.1482509	0.6179	0.537	0.112116642	count	1
SELENOT	0.0789997	0.0645036	1.2247	0.221	0.112145567	count	1
HDAC2	0.0832142	0.1353806	0.6147	0.539	0.112150283	count	1
RBM26-AS1	0.2029293	0.5264772	0.3854	0.7	0.112164372	count	1

IFNL1	0.1503484	0.693068	0.2169	0.828	0.112312334	count	1
KCNC4	0.5454778	0.5645006	0.9663	0.334	0.112354382	count	1
GOT2	0.1002551	0.2501412	0.4008	0.689	0.11240052	count	1
MT-ND4L	0.0792657	0.0578295	1.3707	0.171	0.112463808	count	1
FEN1	0.0957648	0.2759292	0.3471	0.729	0.112534195	count	1
EFEMP2	0.3228475	0.612239	0.5273	0.598	0.112596993	count	1
MUC1	0.3234583	0.659913	0.4902	0.624	0.112820734	count	1
USP35	0.1423314	0.5656995	0.2516	0.801	0.113047906	count	1
ATP1A3	0.2045901	0.5657545	0.3616	0.718	0.113107851	count	1
INTS5	0.163399	0.3992662	0.4092	0.682	0.113159192	count	1
IKZF4	0.1073001	0.4223355	0.2541	0.799	0.113336159	count	1
MRPS18A	0.0867734	0.1651692	0.5254	0.599	0.113619529	count	1
UBE2W	0.0867366	0.150113	0.5778	0.563	0.113730479	count	1
KDELR1	0.0807215	0.0846053	0.9541	0.34	0.113754318	count	1
CROT	0.1048894	0.2558614	0.4099	0.682	0.113822877	count	1
FICD	0.1050302	0.2867586	0.3663	0.714	0.113976589	count	1
ALOX5	0.1646355	0.8533928	0.1929	0.847	0.114031994	count	1
RELA	0.0838932	0.1356828	0.6183	0.536	0.114099957	count	1
PPIA	0.0793844	0.0285161	2.7838	0.0054	0.114163775	count	1
IKBKG	0.087351	0.1653822	0.5282	0.597	0.114212379	count	1
TP53TG1	0.0828447	0.130487	0.6349	0.526	0.114263391	count	1
FARP2	0.2067992	0.4879982	0.4238	0.672	0.114363398	count	1
SH3TC1	0.1068175	0.3397455	0.3144	0.753	0.11443619	count	1
TTI1	0.3280039	0.3426789	0.9572	0.339	0.114486966	count	1
MTX1	0.0865849	0.159839	0.5417	0.588	0.114532065	count	1
SWSAP1	0.1195595	0.241441	0.4952	0.62	0.114601656	count	1
FANK1	0.1823101	0.5150386	0.354	0.723	0.114643484	count	1
DCLRE1C	0.0933346	0.1916252	0.4871	0.626	0.114707734	count	1
ANKS1A	0.1269917	0.3133178	0.4053	0.685	0.11480059	count	1
ZNF304	0.2076816	0.6162537	0.337	0.736	0.114865105	count	1
SRGAP2	0.0965847	0.2014943	0.4793	0.632	0.114875944	count	1
PPIB	0.0799507	0.0373229	2.1421	0.0323	0.114898813	count	1
ZNF829	0.1827284	0.4886082	0.374	0.708	0.114912562	count	1
IER3-AS1	0.1659291	0.655736	0.253	0.8	0.114945339	count	1
DUSP12	0.0883152	0.1712836	0.5156	0.606	0.114945947	count	1
RARRES3	0.0801192	0.0404843	1.979	0.0479	0.115050895	count	1
CSAD	0.0907656	0.1760117	0.5157	0.606	0.115093853	count	1
FER	0.1147902	0.3321328	0.3456	0.73	0.115144433	count	1
ACSL6	0.1126855	0.2613433	0.4312	0.666	0.115210937	count	1
ZNF30	0.330238	0.645758	0.5114	0.609	0.115306564	count	1
ERLEC1	0.0830274	0.0952219	0.8719	0.383	0.115316292	count	1
TMX3	0.087825	0.1613373	0.5444	0.586	0.115317084	count	1
ABHD10	0.0882417	0.2191186	0.4027	0.687	0.115379226	count	1
GPI	0.0832995	0.1088023	0.7656	0.444	0.115483137	count	1
SLC4A4	0.138202	0.3523098	0.3923	0.695	0.115490144	count	1

CDCA7L	0.2093718	0.5060457	0.4137	0.679	0.115826392	count	1
COG7	0.1328681	0.3247847	0.4091	0.682	0.115852378	count	1
TSC1	0.1180289	0.270642	0.4361	0.663	0.115899366	count	1
LRRC40	0.0936482	0.2207638	0.4242	0.671	0.115953043	count	1
LRP10	0.0836865	0.1012404	0.8266	0.409	0.115992113	count	1
AC106739.2	0.5620768	0.3804852	1.4773	0.14	0.116057952	count	1
NUP160	0.1001119	0.2005823	0.4991	0.618	0.116071365	count	1
COA5	0.0860712	0.1492666	0.5766	0.564	0.11608623	count	1
APOL6	0.0841204	0.095066	0.8849	0.376	0.116162447	count	1
NACA	0.0806198	0.019586	4.1162	3.94E-05	0.116190522	count	0.9446938
FPGS	0.0929555	0.2092854	0.4442	0.657	0.116242468	count	1
NEURL1	0.1677727	0.5288223	0.3173	0.751	0.116247451	count	1
AC100793.2	0.1677727	0.6185394	0.2712	0.786	0.116247451	count	1
TFDP1	0.0880068	0.1740163	0.5057	0.613	0.116281924	count	1
NEDD1	0.0882263	0.1498752	0.5887	0.556	0.116434452	count	1
EIF3L	0.0825198	0.0659351	1.2515	0.211	0.116536171	count	1
IGBP1	0.0829287	0.0784943	1.0565	0.291	0.116564585	count	1
BTF3	0.0810038	0.0250973	3.2276	0.00126	0.116601391	count	1
ANKRD44	0.0848917	0.0932716	0.9102	0.363	0.11662314	count	1
TIAM1	0.1089119	0.2257251	0.4825	0.629	0.116694507	count	1
GRK6	0.0835692	0.0914485	0.9138	0.361	0.116700289	count	1
CCL5	0.0810422	0.0392054	2.0671	0.0388	0.116851883	count	1
AC024257.3	0.5659243	0.481013	1.1765	0.239	0.116918192	count	1
REEP6	0.1858501	0.6164126	0.3015	0.763	0.116921426	count	1
HERPUD2	0.0838704	0.0918438	0.9132	0.361	0.116964961	count	1
DHTKD1	0.1295416	0.4647445	0.2787	0.78	0.117131199	count	1
P4HB	0.0830252	0.0737746	1.1254	0.261	0.117266231	count	1
ZNF680	0.0950526	0.2572031	0.3696	0.712	0.117271275	count	1
RPL35A	0.0814217	0.0162488	5.0109	5.69E-07	0.117370199	count	0.013722004
FCMR	0.0858284	0.1060045	0.8097	0.418	0.117401549	count	1
LCOR	0.0895489	0.1339178	0.6687	0.504	0.117425032	count	1
PIGV	0.1081896	0.2947236	0.3671	0.714	0.117426351	count	1
GTF2E1	0.1132173	0.2839428	0.3987	0.69	0.117776452	count	1
IRGM	0.255164	0.8244314	0.3095	0.757	0.117909669	count	1
SSR2	0.0821139	0.0357561	2.2965	0.0217	0.117933055	count	1
NR4A2	0.0828995	0.0603629	1.3734	0.17	0.118062219	count	1
MED13	0.0870134	0.1251501	0.6953	0.487	0.118091074	count	1
DDX6	0.0834699	0.0649326	1.2855	0.199	0.118140334	count	1
ACADVL	0.0855501	0.118589	0.7214	0.471	0.118205896	count	1
SSH3	0.1414109	0.4626113	0.3057	0.76	0.118207956	count	1
IRF3	0.0842858	0.0907692	0.9286	0.353	0.11821002	count	1
MAP2K6	0.0970148	0.1917604	0.5059	0.613	0.11827329	count	1
WDR3	0.1006771	0.1943243	0.5181	0.604	0.118331707	count	1
TMEM163	0.2137978	0.8217391	0.2602	0.795	0.118345493	count	1
KIFC2	0.1357068	0.3608421	0.3761	0.707	0.118357816	count	1

CMTR2	0.1038284	0.2089434	0.4969	0.619	0.118540162	count	1
NDUFA3	0.0835026	0.0730984	1.1423	0.253	0.118776978	count	1
TMEM245	0.1109037	0.2287201	0.4849	0.628	0.118842677	count	1
CD200	0.3401078	0.473342	0.7185	0.472	0.118933194	count	1
CASTOR2	0.2577437	0.7072186	0.3644	0.716	0.119146212	count	1
AC121761.1	0.2577437	0.7719912	0.3339	0.738	0.119146212	count	1
TMBIM6	0.0831342	0.038707	2.1478	0.0318	0.119342484	count	1
XXYL1	0.1151657	0.3736482	0.3082	0.758	0.119818285	count	1
ZNF138	0.0944927	0.1676786	0.5635	0.573	0.119832511	count	1
LSG1	0.0904916	0.1475628	0.6132	0.54	0.1199745	count	1
DPH5	0.0948533	0.1708239	0.5553	0.579	0.119982254	count	1
SZRD1	0.0882469	0.126808	0.6959	0.487	0.12002824	count	1
EPG5	0.1051535	0.2849399	0.369	0.712	0.120060685	count	1
MPRIP	0.0925445	0.1464427	0.632	0.527	0.120064328	count	1
MR1	0.0929467	0.193797	0.4796	0.632	0.120162616	count	1
ANKRD54	0.0991339	0.2069691	0.479	0.632	0.120333426	count	1
CTBP1-DT	0.1178047	0.2416845	0.4874	0.626	0.120486164	count	1
ZNF662	0.5822012	0.920383	0.6326	0.527	0.120564756	count	1
SCOC	0.0899778	0.13637	0.6598	0.509	0.120737326	count	1
HAR1B	0.1335716	0.3994856	0.3344	0.738	0.120816525	count	1
NFS1	0.1067369	0.2654078	0.4022	0.688	0.120828177	count	1
RLN1	0.3458026	0.5200477	0.6649	0.506	0.121029841	count	1
SEC61A2	0.1924418	0.4135407	0.4654	0.642	0.121167937	count	1
TGFB1	0.0848465	0.0523407	1.621	0.105	0.121397825	count	1
DNAJC3	0.0871632	0.0989804	0.8806	0.379	0.121474073	count	1
LY9	0.0874417	0.1024051	0.8539	0.393	0.121504279	count	1
PIK3CG	0.099241	0.2472365	0.4014	0.688	0.121505602	count	1
ZRANB3	0.1455148	0.445168	0.3269	0.744	0.121686034	count	1
SAV1	0.2197336	0.2137122	1.0282	0.304	0.121728096	count	1
TTC4	0.1627385	0.4548374	0.3578	0.721	0.121731541	count	1
MDC1	0.1531941	0.3439925	0.4453	0.656	0.121810112	count	1
RFX5	0.1270275	0.2426842	0.5234	0.601	0.121829841	count	1
LINC00649	0.0952231	0.1697449	0.561	0.575	0.121895319	count	1
SLC35F6	0.103102	0.2349232	0.4389	0.661	0.121947223	count	1
DNTTIP2	0.0861051	0.0696791	1.2357	0.217	0.122045907	count	1
PEX2	0.0900145	0.1418197	0.6347	0.526	0.122099544	count	1
TTPAL	0.1633327	0.2532774	0.6449	0.519	0.122183852	count	1
TP53INP2	0.2641366	0.4150931	0.6363	0.525	0.122214015	count	1
NMNAT1	0.1941709	0.4167585	0.4659	0.641	0.122282895	count	1
NTAN1	0.088995	0.1225187	0.7264	0.468	0.122479084	count	1
CLCN3	0.1057406	0.2218753	0.4766	0.634	0.122628683	count	1
FAAP20	0.087533	0.09441	0.9272	0.354	0.122721808	count	1
NPDC1	0.0959249	0.2400062	0.3997	0.689	0.122795944	count	1
ZNF845	0.1408022	0.4469985	0.315	0.753	0.122857983	count	1
DNASE2	0.0911726	0.1578393	0.5776	0.564	0.122891055	count	1

PRKCZ	0.1281453	0.2609289	0.4911	0.623	0.122912405	count	1
CHMP6	0.0971675	0.1863578	0.5214	0.602	0.122917661	count	1
SSBP4	0.0866872	0.0728353	1.1902	0.234	0.122976274	count	1
ASCC1	0.1000539	0.2163788	0.4624	0.644	0.122994092	count	1
CADM1	0.1645585	0.5717947	0.2878	0.774	0.123117086	count	1
HAUS6	0.0918254	0.1773573	0.5177	0.605	0.123121364	count	1
B3GNT8	0.2222607	0.5071908	0.4382	0.661	0.123169643	count	1
TUBGCP4	0.1646415	0.3227929	0.5101	0.61	0.123180295	count	1
NRDE2	0.1055339	0.2075276	0.5085	0.611	0.123251151	count	1
HNRNPUL2	0.113524	0.2661521	0.4265	0.67	0.123253639	count	1
RCE1	0.0935558	0.168741	0.5544	0.579	0.123330961	count	1
DCTN2	0.0884923	0.1034861	0.8551	0.393	0.123349839	count	1
TTC17	0.1071716	0.1529133	0.7009	0.483	0.123365964	count	1
CDC42	0.0859465	0.0363477	2.3646	0.0181	0.123466624	count	1
CLECL1	0.1138214	0.3574208	0.3185	0.75	0.123578616	count	1
TRGC2	0.0872961	0.1108592	0.7875	0.431	0.123686871	count	1
MICAL1	0.1039803	0.2256271	0.4609	0.645	0.12370928	count	1
OGG1	0.0969289	0.2085848	0.4647	0.642	0.123810958	count	1
C6orf106	0.0965603	0.1740278	0.5549	0.579	0.123874703	count	1
BBS4	0.1117459	0.2357549	0.474	0.636	0.124102946	count	1
CLOCK	0.1174512	0.2114971	0.5553	0.579	0.124135906	count	1
FKRP	0.3543872	0.4116337	0.8609	0.389	0.124196085	count	1
TM6SF1	0.1971631	0.9399059	0.2098	0.834	0.124213335	count	1
COL9A2	0.2684666	0.5747615	0.4671	0.64	0.124294645	count	1
ANO8	0.3547405	0.6953792	0.5101	0.61	0.124326505	count	1
SORD	0.1296984	0.4208037	0.3082	0.758	0.124416831	count	1
ARL16	0.0995454	0.1286765	0.7736	0.439	0.124508569	count	1
GAB3	0.1090842	0.2143851	0.5088	0.611	0.124572144	count	1
RPRD2	0.0959444	0.2076268	0.4621	0.644	0.124897312	count	1
LINC02018	0.2699505	0.7951122	0.3395	0.734	0.125008199	count	1
FMO4	0.6021704	0.7321248	0.8225	0.411	0.125054122	count	1
WIZ	0.1339607	0.3654789	0.3665	0.714	0.125058658	count	1
CGGBP1	0.0889979	0.0829799	1.0725	0.284	0.125061153	count	1
AARS	0.167492	0.3147501	0.5321	0.595	0.125351366	count	1
NFKBIE	0.0994256	0.1790334	0.5553	0.579	0.125446565	count	1
AGTRAP	0.0895328	0.1017353	0.8801	0.379	0.125447892	count	1
NPIP4	0.1684366	0.4206591	0.4004	0.689	0.126071076	count	1
AP3S2	0.1255967	0.3640957	0.345	0.73	0.126079271	count	1
ELP1	0.1393254	0.3537652	0.3938	0.694	0.126082248	count	1
AC114939.1	0.6070142	1.095044	0.5543	0.579	0.126145591	count	1
ARHGDI	0.0888107	0.0619035	1.4347	0.151	0.126181074	count	1
MSANTD2	0.1148437	0.286171	0.4013	0.688	0.126181976	count	1
HNRNPA0	0.0888111	0.0545859	1.627	0.104	0.126186098	count	1
RHEBL1	0.1212765	0.3700652	0.3277	0.743	0.126225182	count	1
NDUFB5	0.0897589	0.0841826	1.0662	0.286	0.126387382	count	1

RNF144B	0.3608143	0.6812061	0.5297	0.596	0.126570997	count	1
BORCS8	0.097749	0.1584633	0.6169	0.537	0.126612232	count	1
DAG1	0.1319827	0.3893365	0.339	0.735	0.126630137	count	1
CAD	0.1400111	0.4295866	0.3259	0.745	0.126710094	count	1
PIP4P2	0.1048602	0.1886508	0.5558	0.578	0.126720474	count	1
TSN	0.0962446	0.1404735	0.6851	0.493	0.126882309	count	1
IL24	0.6104835	0.7282688	0.8383	0.402	0.126927925	count	1
AP004609.3	0.3620016	0.4245639	0.8526	0.394	0.127010082	count	1
MAL	0.0917231	0.111309	0.824	0.41	0.127078143	count	1
CLIP4	0.0981582	0.1797001	0.5462	0.585	0.127143487	count	1
C3orf18	0.1519785	0.4393379	0.3459	0.729	0.12716908	count	1
MBD6	0.1075031	0.2076862	0.5176	0.605	0.12717598	count	1
MTMR12	0.1096559	0.2291269	0.4786	0.632	0.127191765	count	1
TXNDC12	0.0906279	0.0910836	0.995	0.32	0.127405421	count	1
LINC00921	0.2752731	0.4107242	0.6702	0.503	0.127569762	count	1
SLC25A25	0.1366384	0.2328806	0.5867	0.557	0.127585744	count	1
ZNF438	0.275433	0.368227	0.748	0.455	0.127646768	count	1
EXOSC4	0.097919	0.2031304	0.482	0.63	0.127869804	count	1
DPYD	0.0989357	0.1814704	0.5452	0.586	0.127923676	count	1
PDCD7	0.0929708	0.0915745	1.0152	0.31	0.127998878	count	1
TUBGCP6	0.1304283	0.3355118	0.3887	0.697	0.128190856	count	1
RPS23	0.0889508	0.0160974	5.5258	3.53E-08	0.128261418	count	0.000852919
GTF2A2	0.0907514	0.0757247	1.1984	0.231	0.128300181	count	1
RPS4Y1	0.0891642	0.0291142	3.0626	0.00221	0.128310568	count	1
VPS51	0.0947637	0.1010963	0.9374	0.349	0.128399659	count	1
TNFRSF14-AS1	0.1850041	0.3368175	0.5493	0.583	0.128442129	count	1
FBXO33	0.0981195	0.1452239	0.6756	0.499	0.128507147	count	1
PUSL1	0.1024529	0.2085071	0.4914	0.623	0.128544999	count	1
RAB2B	0.1069403	0.1944991	0.5498	0.582	0.128611843	count	1
ARHGAP12	0.1184931	0.2058459	0.5756	0.565	0.128684827	count	1
LINC00944	0.1128214	0.2693584	0.4189	0.675	0.12886298	count	1
PREP	0.118712	0.2093345	0.5671	0.571	0.128924147	count	1
CPTP	0.1044774	0.2139896	0.4882	0.625	0.128939767	count	1
KLHL23	0.6199463	0.66607	0.9308	0.352	0.129064269	count	1
RBM22	0.0926744	0.0918483	1.009	0.313	0.129089219	count	1
RPS12	0.0895373	0.0155611	5.7539	9.49E-09	0.129140184	count	0.000229478
DKK3	0.1384705	0.3017689	0.4589	0.646	0.129315364	count	1
FALEC	0.1349645	0.7387988	0.1827	0.855	0.129520325	count	1
PARPBP	0.3689509	0.4873251	0.7571	0.449	0.129582918	count	1
FLT4	0.279516	0.9614742	0.2907	0.771	0.129614098	count	1
C9orf43	0.279516	1.0809647	0.2586	0.796	0.129614098	count	1
AC109460.1	0.279516	1.1271202	0.248	0.804	0.129614098	count	1
MARCKSL1	0.0922505	0.0919761	1.003	0.316	0.129700832	count	1
YEATS4	0.0965874	0.1424277	0.6782	0.498	0.129722048	count	1
CBX7	0.112671	0.2273939	0.4955	0.62	0.129729445	count	1

NGRN	0.2058564	0.3066927	0.6712	0.502	0.129829109	count	1
FAM199X	0.1008408	0.177705	0.5675	0.57	0.129902992	count	1
CHID1	0.0984321	0.1774295	0.5548	0.579	0.130083127	count	1
METTL1	0.1296817	0.3504919	0.37	0.711	0.13021674	count	1
WDR35	0.13575	0.4433359	0.3062	0.759	0.130281893	count	1
RTTN	0.3709126	0.4337666	0.8551	0.393	0.130309965	count	1
EML2	0.0985042	0.1625967	0.6058	0.545	0.130328495	count	1
TMEM106B	0.0980689	0.1302517	0.7529	0.452	0.130573767	count	1
SF3B4	0.0946796	0.108857	0.8698	0.384	0.130641948	count	1
DDI2	0.1167342	0.3311909	0.3525	0.725	0.130986565	count	1
5-Mar	0.0997721	0.1535884	0.6496	0.516	0.131036581	count	1
ARMC6	0.108457	0.2564859	0.4229	0.672	0.131084675	count	1
GATAD1	0.1080107	0.1705785	0.6332	0.527	0.13115101	count	1
ESRRA	0.1004838	0.1631991	0.6157	0.538	0.13122646	count	1
SHLD1	0.102911	0.2014038	0.511	0.609	0.13176294	count	1
COX4I1	0.0915542	0.0257265	3.5588	0.000378	0.131769624	count	1
SNX17	0.0941643	0.0936649	1.0053	0.315	0.132040884	count	1
P3H1	0.1249647	0.2872158	0.4351	0.664	0.132137542	count	1
LSM6	0.0940676	0.0872281	1.0784	0.281	0.132614794	count	1
SNAP23	0.0968153	0.1179746	0.8206	0.412	0.132720117	count	1
ABCD1	0.3774681	0.5508169	0.6853	0.493	0.132742057	count	1
COG1	0.1350241	0.2596935	0.5199	0.603	0.132751844	count	1
TIMM44	0.104254	0.2183972	0.4774	0.633	0.132889185	count	1
FLNB	0.2106766	0.5127946	0.4108	0.681	0.132947502	count	1
CAPN12	0.104816	0.2040272	0.5137	0.607	0.132962448	count	1
RAPGEF1	0.1041309	0.1706383	0.6102	0.542	0.133035628	count	1
EDA	0.2866499	0.4181383	0.6855	0.493	0.133056104	count	1
PPP3CC	0.0993147	0.1276913	0.7778	0.437	0.133070343	count	1
PTOV1	0.0988778	0.1582466	0.6248	0.532	0.133102622	count	1
S100A5	0.2871786	0.6245755	0.4598	0.646	0.133311423	count	1
RUNX2	0.1088488	0.1910818	0.5696	0.569	0.133313464	count	1
ZNF146	0.1041449	0.1524722	0.683	0.495	0.133347024	count	1
PDRG1	0.1022642	0.1942199	0.5265	0.599	0.133556748	count	1
SLA2	0.106132	0.164735	0.6443	0.519	0.133562223	count	1
CNTLN	0.2878158	0.8364215	0.3441	0.731	0.133619192	count	1
ARHGAP32	0.2878158	1.048003	0.2746	0.784	0.133619192	count	1
AC083862.2	0.3798449	0.7177803	0.5292	0.597	0.133624746	count	1
PRNP	0.0964433	0.0901001	1.0704	0.285	0.133656442	count	1
MVB12B	0.1393676	0.3627351	0.3842	0.701	0.133790343	count	1
NEURL4	0.2408574	0.5343253	0.4508	0.652	0.133804062	count	1
ANKRD36B	0.1074861	0.1710952	0.6282	0.53	0.13404934	count	1
NDUF4F1	0.143518	0.2916585	0.4921	0.623	0.134082918	count	1
SCD5	0.1535192	0.7706627	0.1992	0.842	0.134105774	count	1
ANKRD36	0.1006658	0.132258	0.7611	0.447	0.134166822	count	1
ZNF398	0.1791172	0.339332	0.5279	0.598	0.134218071	count	1

FBR5	0.104018	0.1605723	0.6478	0.517	0.134262892	count	1
PQLC3	0.0966731	0.1149457	0.841	0.4	0.134342298	count	1
AASDHPPT	0.0981769	0.123801	0.793	0.428	0.134425578	count	1
ARHGAP33	0.3820122	0.5388973	0.7089	0.478	0.134430133	count	1
RMC1	0.1031086	0.1746889	0.5902	0.555	0.134456573	count	1
VTI1B	0.096767	0.1105476	0.8753	0.381	0.134794323	count	1
ZMYND11	0.1046942	0.1516627	0.6903	0.49	0.134879717	count	1
FN3KRP	0.1041168	0.1958197	0.5317	0.595	0.134880489	count	1
HIBADH	0.1133319	0.2267752	0.4998	0.617	0.134885913	count	1
CCDC22	0.1086474	0.1805913	0.6016	0.547	0.135056148	count	1
MRPL50	0.097891	0.128852	0.7597	0.447	0.135077494	count	1
RPS3	0.0936754	0.0134956	6.9412	4.64E-12	0.135088821	count	1.12E-07
TRIM21	0.1071484	0.2137052	0.5014	0.616	0.135220612	count	1
PLA2G16	0.0973107	0.1059442	0.9185	0.358	0.135422655	count	1
RPS7	0.0939417	0.0143701	6.5373	7.20E-11	0.135452646	count	1.74E-06
AL669831.5	0.3848372	0.4878922	0.7888	0.43	0.135480493	count	1
LCLAT1	0.1949763	0.2481274	0.7858	0.432	0.135519309	count	1
TET2	0.1196517	0.1874482	0.6383	0.523	0.135534169	count	1
PROSER3	0.2146776	0.3800223	0.5649	0.572	0.135538389	count	1
CTDSPL2	0.1033367	0.1251747	0.8255	0.409	0.13572814	count	1
C9orf66	0.3858318	0.7642741	0.5048	0.614	0.135850426	count	1
TTC21B	0.1267226	0.2181399	0.5809	0.561	0.135920097	count	1
SMG5	0.1957442	0.3318225	0.5899	0.555	0.13606485	count	1
TRAF2	0.1143324	0.2456496	0.4654	0.642	0.136082129	count	1
LRRC56	0.1957816	0.5689421	0.3441	0.731	0.13609142	count	1
YTHDF3	0.122506	0.2037722	0.6012	0.548	0.136129819	count	1
ZNF576	0.1158218	0.2620371	0.442	0.659	0.136219811	count	1
EIF4E2	0.0992461	0.1199328	0.8275	0.408	0.136315106	count	1
SLC1A4	0.2934272	0.3839328	0.7643	0.445	0.136331489	count	1
SLC12A2	0.138715	0.2481598	0.559	0.576	0.136416793	count	1
AKT1S1	0.127295	0.3042427	0.4184	0.676	0.136538585	count	1
RPL19	0.0947197	0.0141781	6.6807	2.77E-11	0.136601988	count	6.71E-07
COG8	0.653295	0.5903196	1.1067	0.269	0.136620835	count	1
FAM45A	0.1008919	0.1447775	0.6969	0.486	0.136632593	count	1
TMCC3	0.1716152	0.4362559	0.3934	0.694	0.136709166	count	1
NCALD	0.1275099	0.236605	0.5389	0.59	0.136770796	count	1
TMED10	0.0970718	0.0700287	1.3862	0.166	0.137289838	count	1
TFDP2	0.1036957	0.1523082	0.6808	0.496	0.1375145	count	1
TARBP2	0.1162548	0.2574638	0.4515	0.652	0.13757874	count	1
SRP9	0.0966585	0.0648389	1.4907	0.136	0.137609365	count	1
PRR34-AS1	0.1369875	0.2333055	0.5872	0.557	0.137621719	count	1
PLXDC1	0.1400061	0.3041589	0.4603	0.645	0.137699235	count	1
CCDC102A	0.1128898	0.267791	0.4216	0.673	0.137704684	count	1
SIMC1	0.1254596	0.2825653	0.444	0.657	0.137925382	count	1
GCC1	0.1436523	0.2910909	0.4935	0.622	0.13794803	count	1

AC092123.1	0.1984921	0.6564335	0.3024	0.762	0.138017821	count	1
ZNF771	0.1374109	0.3122733	0.44	0.66	0.138051077	count	1
ZNF420	0.1403831	0.2925819	0.4798	0.631	0.138073748	count	1
RDH11	0.104425	0.129994	0.8033	0.422	0.13833252	count	1
PPRC1	0.130838	0.307005	0.4262	0.67	0.138397108	count	1
AC027031.2	0.6613968	0.9181696	0.7203	0.471	0.138462854	count	1
BCO2	0.661568	0.8582763	0.7708	0.441	0.138501802	count	1
AL449266.1	0.661568	0.9349003	0.7076	0.479	0.138501802	count	1
CSGALNACT1	0.1145916	0.2147013	0.5337	0.594	0.13853063	count	1
RNF169	0.1010959	0.1279704	0.79	0.43	0.138594999	count	1
AL512791.2	0.662421	0.5691619	1.1639	0.245	0.138695915	count	1
TMA16	0.1040936	0.1470574	0.7078	0.479	0.138743679	count	1
FAM217B	0.1071131	0.1817097	0.5895	0.556	0.138771823	count	1
RAB5C	0.0983368	0.0814249	1.2077	0.227	0.13877545	count	1
DGCR8	0.1588322	0.3605279	0.4406	0.66	0.138811785	count	1
AP4E1	0.1535233	0.3298295	0.4655	0.642	0.139095741	count	1
ELK1	0.1198824	0.2515121	0.4766	0.634	0.139117237	count	1
NR2C2	0.1450937	0.2468876	0.5877	0.557	0.139347251	count	1
RPL6	0.0966823	0.0157767	6.1282	9.91E-10	0.139396075	count	2.40E-05
RPL8	0.0967558	0.0169032	5.7241	1.13E-08	0.139487542	count	0.000273211
CCDC28B	0.1084774	0.1863388	0.5822	0.561	0.13949046	count	1
SCAPER	0.1083385	0.1375068	0.7879	0.431	0.139587189	count	1
DTD1	0.1026954	0.1157304	0.8874	0.375	0.139633109	count	1
ZNF669	0.119607	0.2197126	0.5444	0.586	0.139772427	count	1
ZMYM5	0.101186	0.1099761	0.9201	0.358	0.139792066	count	1
RHBDD2	0.1011613	0.1000861	1.0107	0.312	0.139797416	count	1
AL359504.2	0.2513206	0.8133414	0.309	0.757	0.139807349	count	1
BCAP31	0.0983255	0.0693663	1.4175	0.156	0.139842723	count	1
ATP10D	0.115191	0.2115184	0.5446	0.586	0.139905921	count	1
PFKL	0.1057604	0.1506344	0.7021	0.483	0.139948301	count	1
TMA7	0.097355	0.0317255	3.0687	0.00217	0.139972517	count	1
R3HDM2	0.0995643	0.0813035	1.2246	0.221	0.140031475	count	1
TMEM234	0.1236766	0.3156837	0.3918	0.695	0.140120819	count	1
PRDM1	0.0985645	0.0561105	1.7566	0.0791	0.140147508	count	1
AC024060.1	0.3015355	0.5715245	0.5276	0.598	0.140257021	count	1
POFUT2	0.1604923	0.2537385	0.6325	0.527	0.140283042	count	1
GRWD1	0.1136672	0.1913685	0.594	0.553	0.140323867	count	1
AGER	0.6702163	0.529604	1.2655	0.206	0.140470682	count	1
CWF19L1	0.1134898	0.2537284	0.4473	0.655	0.140611252	count	1
CCDC69	0.1032821	0.1277581	0.8084	0.419	0.140650612	count	1
FANCA	0.1877547	0.3663193	0.5125	0.608	0.140818751	count	1
ZBTB22	0.1170586	0.2606527	0.4491	0.653	0.140834718	count	1
MRPS28	0.1107513	0.1865498	0.5937	0.553	0.140861157	count	1
NKIRAS2	0.1155442	0.2123492	0.5441	0.586	0.140955715	count	1
MREG	0.2231491	0.4263188	0.5234	0.601	0.141031508	count	1

AMN	0.3033175	0.5456794	0.5559	0.578	0.141120755	count	1
SAMD4B	0.1135765	0.2283077	0.4975	0.619	0.141205313	count	1
ZMIZ2	0.1378802	0.3331389	0.4139	0.679	0.141205532	count	1
EEF1B2	0.0981169	0.0239203	4.1018	4.20E-05	0.141293473	count	1
BAZ2B	0.1080318	0.1680488	0.6429	0.52	0.141518918	count	1
CASP8AP2	0.1071469	0.1337912	0.8009	0.423	0.14162393	count	1
DET1	0.2244199	0.489547	0.4584	0.647	0.141856376	count	1
PLA2G12A	0.1693198	0.3271842	0.5175	0.605	0.141909374	count	1
PGGHG	0.1242519	0.1910662	0.6503	0.516	0.141995573	count	1
DEPDC1B	0.6782952	0.9059895	0.7487	0.454	0.142312257	count	1
SPRY1	0.1522889	0.1991405	0.7647	0.444	0.142375635	count	1
TEFM	0.1268297	0.2611692	0.4856	0.627	0.142387103	count	1
ANKRA2	0.1131677	0.1973643	0.5734	0.566	0.142445522	count	1
REEP4	0.1390818	0.2847024	0.4885	0.625	0.142447264	count	1
MTG2	0.1368418	0.2114367	0.6472	0.518	0.142565387	count	1
ARL14EP	0.1054718	0.1294802	0.8146	0.415	0.142844084	count	1
ATP11C	0.1371538	0.2610132	0.5255	0.599	0.142893219	count	1
NOSIP	0.1009125	0.0732007	1.3786	0.168	0.142900313	count	1
ZNF100	0.1300032	0.2528969	0.5141	0.607	0.142955345	count	1
LEPROT	0.104202	0.1139941	0.9141	0.361	0.14296933	count	1
KBTBD11	0.4050299	0.8449974	0.4793	0.632	0.143008309	count	1
ABHD1	0.4050299	0.9199343	0.4403	0.66	0.143008309	count	1
SAP30L-AS1	0.4050299	0.9199343	0.4403	0.66	0.143008309	count	1
AL138966.2	0.4050299	0.9310541	0.435	0.664	0.143008309	count	1
LINC01358	0.4050299	1.0308758	0.3929	0.694	0.143008309	count	1
EGOT	0.4050299	1.0308758	0.3929	0.694	0.143008309	count	1
CGN	0.4050299	1.0408108	0.3891	0.697	0.143008309	count	1
RNF217	0.4050299	1.0408108	0.3891	0.697	0.143008309	count	1
ZDHHC15	0.4050299	1.0408108	0.3891	0.697	0.143008309	count	1
AL136115.2	0.4050299	1.0828362	0.374	0.708	0.143008309	count	1
DENND6A-DT	0.4050299	1.092299	0.3708	0.711	0.143008309	count	1
SCIN	0.4050299	1.231316	0.3289	0.742	0.143008309	count	1
AC009812.1	0.6815844	0.5148114	1.3239	0.186	0.143062672	count	1
CEBPA	0.1579456	0.3411806	0.4629	0.643	0.143154849	count	1
AC010654.1	0.3075117	0.5142109	0.598	0.55	0.143155076	count	1
ZNF513	0.1533236	0.3498253	0.4383	0.661	0.143354607	count	1
HUS1	0.1077481	0.1546154	0.6969	0.486	0.143485645	count	1
TADA3	0.1033632	0.1064632	0.9709	0.332	0.143766591	count	1
DHCR7	0.1201321	0.2463471	0.4877	0.626	0.143803494	count	1
PXMP2	0.1324308	0.3459767	0.3828	0.702	0.143933577	count	1
MIF4GD	0.1034981	0.1241915	0.8334	0.405	0.143954381	count	1
CCDC61	0.1260523	0.2730254	0.4617	0.644	0.144065256	count	1
AGAP5	0.6863094	1.073132	0.6395	0.523	0.144141266	count	1
CNIH1	0.103291	0.0930915	1.1096	0.267	0.144284739	count	1
DPY19L4	0.1721791	0.3240022	0.5314	0.595	0.144343945	count	1

DDX50	0.1048134	0.120125	0.8725	0.383	0.144368605	count	1
TBL2	0.1545043	0.3432974	0.4501	0.653	0.144471896	count	1
IFITM2	0.1003871	0.0369362	2.7179	0.0066	0.144486059	count	1
MANBA	0.1724174	0.2282539	0.7554	0.45	0.144546897	count	1
DCAF5	0.1093495	0.1404506	0.7786	0.436	0.144869345	count	1
CYBA	0.1006754	0.0301028	3.3444	0.000834	0.144960463	count	1
EHD3	0.4103462	0.8826844	0.4649	0.642	0.144995962	count	1
AL354920.1	0.4103462	0.8949543	0.4585	0.647	0.144995962	count	1
CORO6	0.4103462	0.8971523	0.4574	0.647	0.144995962	count	1
10-Mar	0.4103462	1.19831	0.3424	0.732	0.144995962	count	1
KAT2B	0.1258576	0.2063929	0.6098	0.542	0.14500011	count	1
CAPZA1	0.1019266	0.0596248	1.7095	0.0875	0.145127043	count	1
ALDH7A1	0.6912001	0.6924599	0.9982	0.318	0.14525845	count	1
ANKMY2	0.1372822	0.2710783	0.5064	0.613	0.14526979	count	1
CCDC137	0.113082	0.1669098	0.6775	0.498	0.145428048	count	1
RPA2	0.1042893	0.0979306	1.0649	0.287	0.145633821	count	1
SOCS7	0.6928612	0.4484403	1.545	0.122	0.145638069	count	1
SART1	0.1249057	0.2197111	0.5685	0.57	0.145997716	count	1
SLC25A14	0.1452649	0.392304	0.3703	0.711	0.146019664	count	1
GNPDA2	0.1234684	0.2369514	0.5211	0.602	0.146158405	count	1
ZNF623	0.1948079	0.4207771	0.463	0.643	0.146216664	count	1
TMEM71	0.109219	0.152352	0.7169	0.473	0.146242233	count	1
ACER1	0.3139401	0.9391453	0.3343	0.738	0.146276866	count	1
UBE2D4	0.1291043	0.2244862	0.5751	0.565	0.146308663	count	1
NBR1	0.1232285	0.1714386	0.7188	0.472	0.146722321	count	1
ABCF2	0.6976275	0.6570726	1.0617	0.288	0.146727841	count	1
POLR3B	0.1956397	0.3888188	0.5032	0.615	0.146853739	count	1
ZBTB37	0.2321297	0.3069914	0.7561	0.45	0.146865474	count	1
BRWD1	0.1119485	0.1447188	0.7736	0.439	0.146866244	count	1
ZNF197	0.2636527	0.4163596	0.6332	0.527	0.146901003	count	1
CTU2	0.1370625	0.3033688	0.4518	0.651	0.147098295	count	1
WDR92	0.1574246	0.3827067	0.4113	0.681	0.147236158	count	1
MBNL3	0.127789	0.282498	0.4524	0.651	0.14723818	count	1
SMPD2	0.1391748	0.303049	0.4592	0.646	0.147289153	count	1
AC074366.1	0.4168769	0.8956922	0.4654	0.642	0.147440879	count	1
PLEKHG5	0.4168769	0.9047384	0.4608	0.645	0.147440879	count	1
CPQ	0.1110689	0.1440202	0.7712	0.441	0.14746887	count	1
KATNBL1	0.1071711	0.1239913	0.8643	0.387	0.147472479	count	1
IFT52	0.1122635	0.1954742	0.5743	0.566	0.147479967	count	1
PLPP1	0.1415382	0.2570989	0.5505	0.582	0.147501336	count	1
PARD6B	0.1271546	0.296178	0.4293	0.668	0.147603684	count	1
SLFN12L	0.1112467	0.1346829	0.826	0.409	0.147858424	count	1
SRSF5	0.1039519	0.0483022	2.1521	0.0315	0.148181823	count	1
CTSS	0.1048012	0.0769028	1.3628	0.173	0.148190955	count	1
CLCN2	0.4195746	0.7062309	0.5941	0.552	0.148451857	count	1

THAP9	0.1637759	0.4764832	0.3437	0.731	0.148510423	count	1
CNPPD1	0.1121033	0.1383236	0.8104	0.418	0.148845051	count	1
HIPK1	0.1087423	0.1124521	0.967	0.334	0.148848213	count	1
GSC	0.2138848	0.9103078	0.235	0.814	0.148977395	count	1
AC060780.1	0.1432024	0.3204988	0.4468	0.655	0.14925105	count	1
RABEP2	0.1357503	0.2477501	0.5479	0.584	0.149320852	count	1
AP005019.1	0.3202457	0.6178769	0.5183	0.604	0.149343457	count	1
TMEM104	0.164848	0.4178696	0.3945	0.693	0.149495733	count	1
AC022916.1	0.2364408	0.39498	0.5986	0.549	0.149669935	count	1
ZNF652	0.1087228	0.1104351	0.9845	0.325	0.149710324	count	1
ICAM3	0.1050398	0.0504674	2.0813	0.0375	0.149849337	count	1
SUV39H2	0.3214402	0.51548	0.6236	0.533	0.149924877	count	1
AL359232.1	0.7116032	0.7988835	0.8907	0.373	0.149927342	count	1
WDR6	0.1523467	0.2019899	0.7542	0.451	0.149967928	count	1
C10orf88	0.1998409	0.3472982	0.5754	0.565	0.15007282	count	1
PTOV1-AS1	0.4239597	0.6010903	0.7053	0.481	0.150096506	count	1
CTDNEP1	0.1065073	0.0816018	1.3052	0.192	0.150244304	count	1
ARID2	0.1157682	0.169192	0.6842	0.494	0.150274402	count	1
ALG5	0.1101266	0.1227644	0.8971	0.37	0.15027723	count	1
EMC10	0.1114763	0.1135534	0.9817	0.326	0.150304196	count	1
LINC01184	0.1144152	0.1863391	0.614	0.539	0.150313196	count	1
FADD	0.1142735	0.1707404	0.6693	0.503	0.150324175	count	1
LENG9	0.133915	0.3241113	0.4132	0.68	0.150394646	count	1
DALRD3	0.1129536	0.1342279	0.8415	0.4	0.150576042	count	1
CATSPERG	0.152972	0.4346538	0.3519	0.725	0.150590099	count	1
TMEM268	0.3228475	0.5320496	0.6068	0.544	0.150610058	count	1
ENTPD5	0.2702994	0.4717274	0.573	0.567	0.150732286	count	1
ELP4	0.123525	0.2136082	0.5783	0.563	0.150733717	count	1
CYB5D1	0.3231974	0.5648259	0.5722	0.567	0.150780454	count	1
AKT2	0.1191275	0.1714691	0.6947	0.487	0.150790231	count	1
ACTR3B	0.4258136	0.468934	0.908	0.364	0.150792266	count	1
TMEM63B	0.4259144	0.5528485	0.7704	0.441	0.150830097	count	1
ARHGEF40	0.4259786	0.5041963	0.8449	0.398	0.15085419	count	1
DCAF8	0.1500915	0.2133126	0.7036	0.482	0.150920516	count	1
TRIM4	0.1183625	0.1424184	0.8311	0.406	0.150929201	count	1
NFATC3	0.1111293	0.1369968	0.8112	0.417	0.15103615	count	1
BHLHE40	0.1075147	0.0836625	1.2851	0.199	0.151307056	count	1
THUMPD1	0.1071237	0.0657422	1.6295	0.103	0.151540078	count	1
TM2D1	0.1119139	0.1220361	0.9171	0.359	0.151582428	count	1
PLPPR2	0.324964	0.9914616	0.3278	0.743	0.151640994	count	1
AC118553.1	0.324964	1.0879987	0.2987	0.765	0.151640994	count	1
AC027607.1	0.324964	1.0879987	0.2987	0.765	0.151640994	count	1
AC145422.1	0.324964	1.0879987	0.2987	0.765	0.151640994	count	1
RANBP10	0.1809956	0.3797079	0.4767	0.634	0.151858042	count	1
CCNYL1	0.1436463	0.2661149	0.5398	0.589	0.152061795	count	1

CYBC1	0.1088013	0.0901158	1.2073	0.227	0.152260087	count	1
MED12	0.273263	0.4241645	0.6442	0.519	0.15244235	count	1
BICRA	0.3270313	0.3374355	0.9692	0.333	0.152648357	count	1
TBCE	0.1425231	0.2287639	0.623	0.533	0.15300651	count	1
PDPR	0.1469006	0.2850426	0.5154	0.606	0.153140452	count	1
C1GALT1C1	0.1181809	0.1634593	0.723	0.47	0.153150059	count	1
NHLRC2	0.159435	0.3513272	0.4538	0.65	0.153283772	count	1
AP001437.1	0.7262735	0.9050303	0.8025	0.422	0.153292186	count	1
TNS2	0.7262735	1.052556	0.69	0.49	0.153292186	count	1
TMEM222	0.1169228	0.161827	0.7225	0.47	0.153615339	count	1
B2M	0.1065258	0.0109877	9.695	6.08E-22	0.15366743	count	1.48E-17
PIGT	0.1125661	0.1350489	0.8335	0.405	0.15368242	count	1
PDSS1	0.1598564	0.4013588	0.3983	0.69	0.153693682	count	1
APBA3	0.1283818	0.2296076	0.5591	0.576	0.153727381	count	1
SLC25A23	0.2205627	0.4000905	0.5513	0.581	0.153742343	count	1
NOTCH4	0.1599776	0.4735795	0.3378	0.736	0.153811582	count	1
CBWD2	0.2048347	0.2541369	0.806	0.42	0.153902455	count	1
MT-CO1	0.1067285	0.0160277	6.659	3.20E-11	0.153945281	count	7.75E-07
C19orf12	0.1139464	0.1323337	0.8611	0.389	0.154051406	count	1
ZDHHC16	0.1435729	0.2743865	0.5233	0.601	0.154142746	count	1
KIAA1324L	0.1837089	0.4610416	0.3985	0.69	0.154172704	count	1
MED11	0.1124744	0.1430763	0.7861	0.432	0.154274206	count	1
SPATA5	0.128213	0.2515555	0.5097	0.61	0.154319164	count	1
CSNK1G3	0.1185579	0.1283968	0.9234	0.356	0.154412529	count	1
MOB2	0.1122402	0.1071064	1.0479	0.295	0.154559361	count	1
SYT11	0.1204734	0.1622614	0.7425	0.458	0.154645462	count	1
SNAPIN	0.1132982	0.1329153	0.8524	0.394	0.154683303	count	1
ZFPM1	0.1166203	0.1579183	0.7385	0.46	0.154690929	count	1
EEF1D	0.1074184	0.0225836	4.7565	2.05E-06	0.154726702	count	0.04937425
DNAJC17	0.1169846	0.1762387	0.6638	0.507	0.154833435	count	1
UGGT1	0.138333	0.2184266	0.6333	0.527	0.155390315	count	1
IMMP2L	0.1412829	0.2430185	0.5814	0.561	0.155452135	count	1
RPL14	0.1078483	0.0152713	7.0622	1.98E-12	0.155496902	count	4.80E-08
SF3B3	0.1330587	0.1930387	0.6893	0.491	0.155581491	count	1
GTPBP8	0.1137666	0.1416621	0.8031	0.422	0.155601973	count	1
AL096865.1	0.2458054	0.5389017	0.4561	0.648	0.155770365	count	1
UBE2O	0.1471326	0.2374503	0.6196	0.536	0.155784481	count	1
FPGT	0.1664674	0.4374158	0.3806	0.704	0.155802962	count	1
NDUFV3	0.1149911	0.1332688	0.8629	0.388	0.156120488	count	1
HIST1H4A	0.7392177	0.5227735	1.414	0.157	0.15626623	count	1
SMAD3	0.136672	0.2246518	0.6084	0.543	0.156279824	count	1
PRPF19	0.1281352	0.1703049	0.7524	0.452	0.156384359	count	1
CYCS	0.1093723	0.0498536	2.1939	0.0283	0.156403056	count	1
DNMT3A	0.1438285	0.2067093	0.6958	0.487	0.156419482	count	1
FBF1	0.2083245	0.3458694	0.6023	0.547	0.156580771	count	1

DPH3	0.1133772	0.1162162	0.9756	0.329	0.15660829	count	1
LIMD2	0.1093427	0.0449757	2.4311	0.0151	0.156730492	count	1
RRAGA	0.1130606	0.1154596	0.9792	0.328	0.156746944	count	1
ADAM15	0.1631529	0.3192048	0.5111	0.609	0.156901092	count	1
PELI2	0.7427735	0.5585645	1.3298	0.184	0.157084017	count	1
C1orf50	0.1337193	0.2947563	0.4537	0.65	0.157386505	count	1
ASH1L-AS1	0.1314399	0.2945482	0.4462	0.655	0.157407543	count	1
OXT	0.7446072	0.7312674	1.0182	0.309	0.15750588	count	1
RDH14	0.1158468	0.1158586	0.9999	0.317	0.15762484	count	1
SLC30A1	0.1339653	0.2202122	0.6083	0.543	0.157677641	count	1
NAAA	0.1146529	0.1414746	0.8104	0.418	0.157726244	count	1
ABCA2	0.141869	0.3225876	0.4398	0.66	0.157803574	count	1
PELI1	0.1326048	0.1794536	0.7389	0.46	0.157944277	count	1
NSMF	0.1603627	0.2984407	0.5373	0.591	0.157947603	count	1
WDR45B	0.1216808	0.1509075	0.8063	0.42	0.157970422	count	1
SLC25A29	0.1327246	0.2396452	0.5538	0.58	0.158087707	count	1
SLC25A51	0.1382531	0.2813658	0.4914	0.623	0.158099315	count	1
AC007038.2	0.2831241	0.7290428	0.3884	0.698	0.158140247	count	1
HEATR3	0.4454921	0.3497659	1.2737	0.203	0.158194499	count	1
RPS8	0.1097246	0.017992	6.0985	1.19E-09	0.158230176	count	2.88E-05
NQO1	0.1543586	0.3877544	0.3981	0.691	0.158249578	count	1
AC023590.1	0.747854	0.6998337	1.0686	0.285	0.158253069	count	1
ATP23	0.1253627	0.2194669	0.5712	0.568	0.158288583	count	1
ROGDI	0.1363098	0.2418587	0.5636	0.573	0.158294609	count	1
HACD4	0.1157146	0.1395129	0.8294	0.407	0.158404794	count	1
DPM2	0.1169378	0.1325027	0.8825	0.378	0.158492993	count	1
AL022328.4	0.7497617	0.5531973	1.3553	0.175	0.158692185	count	1
AL158152.1	0.4468276	0.4496389	0.9937	0.32	0.158697966	count	1
WDR60	0.1176669	0.1769931	0.6648	0.506	0.15877472	count	1
AC010883.1	0.1991871	0.6350961	0.3136	0.754	0.159100629	count	1
SYNJ1	0.1583812	0.3381418	0.4684	0.64	0.159344456	count	1
PLXND1	0.1702087	0.3397729	0.5009	0.616	0.159350478	count	1
PPP4R3B	0.1166819	0.1010168	1.1551	0.248	0.159525154	count	1
ERAP2	0.1248105	0.1319419	0.946	0.344	0.159540923	count	1
APC	0.1384037	0.2090459	0.6621	0.508	0.159544653	count	1
GPR180	0.1451086	0.2810636	0.5163	0.606	0.15969372	count	1
AC008741.2	0.2518656	0.3645527	0.6909	0.49	0.159724386	count	1
AC104187.1	0.2521934	0.8079894	0.3121	0.755	0.1599384	count	1
PTPMT1	0.1232102	0.1957281	0.6295	0.529	0.159961441	count	1
DMTN	0.1590985	0.2778106	0.5727	0.567	0.160073769	count	1
SDR39U1	0.1242853	0.1655362	0.7508	0.453	0.160195286	count	1
TENT2	0.1255759	0.1579598	0.795	0.427	0.160522443	count	1
HAGHL	0.1291372	0.2557379	0.505	0.614	0.160629107	count	1
SPIN4	0.2875894	0.6279091	0.458	0.647	0.160724288	count	1
ANKRD40	0.1335478	0.1795692	0.7437	0.457	0.160771977	count	1

AC078883.3	0.2013464	0.5831325	0.3453	0.73	0.160858719	count	1
LINC02470	0.2141334	0.5834687	0.367	0.714	0.161042649	count	1
KCNQ1	0.2019205	0.2614635	0.7723	0.44	0.16132626	count	1
NAT9	0.1333738	0.2177927	0.6124	0.54	0.161346974	count	1
TRIM39	0.2145731	0.309642	0.693	0.488	0.161380589	count	1
USP53	0.138063	0.2154092	0.6409	0.522	0.161466996	count	1
LRRC27	0.3453717	0.6835456	0.5053	0.613	0.161605732	count	1
AAGAB	0.128057	0.1888641	0.678	0.498	0.161702695	count	1
POLR2G	0.1155477	0.0917833	1.2589	0.208	0.161775878	count	1
ABCC4	0.2151929	0.4398327	0.4893	0.625	0.161856967	count	1
LSM3	0.115369	0.088376	1.3054	0.192	0.161967755	count	1
SESN3	0.1333044	0.1322417	1.008	0.314	0.162009924	count	1
TSNAX	0.1196232	0.109319	1.0943	0.274	0.162138604	count	1
JOSD1	0.1189931	0.109637	1.0853	0.278	0.162316968	count	1
RHOC	0.1139703	0.072143	1.5798	0.114	0.162445804	count	1
NAPA-AS1	0.2036081	0.4188758	0.4861	0.627	0.162700861	count	1
GTF3C5	0.1402219	0.2240419	0.6259	0.531	0.162865305	count	1
AC040970.1	0.768337	0.688757	1.1155	0.265	0.162972931	count	1
ARHGAP26	0.12695	0.1504392	0.8439	0.399	0.162985222	count	1
RCSD1	0.1166294	0.0807612	1.4441	0.149	0.163106256	count	1
SCLY	0.3486137	0.5082149	0.686	0.493	0.163192805	count	1
AC005261.1	0.2918731	0.27203	1.0729	0.283	0.163205511	count	1
HHLA3	0.1797878	0.3103026	0.5794	0.562	0.163242154	count	1
MRPL40	0.1181896	0.1211683	0.9754	0.329	0.163263196	count	1
AC004817.3	0.292001	0.4931085	0.5922	0.554	0.163279628	count	1
NKAPD1	0.1257227	0.166013	0.7573	0.449	0.163505173	count	1
TMEM33	0.1232679	0.1583837	0.7783	0.436	0.163528301	count	1
IMPAD1	0.1335057	0.1757461	0.7597	0.448	0.163649448	count	1
MRPL46	0.1228249	0.1714968	0.7162	0.474	0.163762887	count	1
KAT14	0.2178585	0.4632859	0.4702	0.638	0.163906387	count	1
FGD6	0.3504776	0.6950589	0.5042	0.614	0.164105751	count	1
TESMIN	0.2937647	0.5607653	0.5239	0.6	0.164301882	count	1
FRYL	0.1235178	0.1194101	1.0344	0.301	0.164369176	count	1
EXOSC6	0.1203806	0.1055562	1.1404	0.254	0.164516179	count	1
SNX19	0.1710325	0.2893298	0.5911	0.554	0.164573377	count	1
CDC7	0.1636369	0.4724111	0.3464	0.729	0.164689613	count	1
ATP5S	0.121685	0.1330054	0.9149	0.36	0.164738565	count	1
ELOVL1	0.1194876	0.1300193	0.919	0.358	0.164813363	count	1
CAPN10-DT	0.2191679	0.5809471	0.3773	0.706	0.16491346	count	1
AP001462.1	0.2948446	0.5104712	0.5776	0.564	0.164927983	count	1
JAZF1	0.1253684	0.1882383	0.666	0.505	0.164955512	count	1
AP2S1	0.1170005	0.08889	1.3162	0.188	0.164991045	count	1
IPO11	0.2363978	0.3711549	0.6369	0.524	0.165065704	count	1
AC008083.1	0.777818	0.9436094	0.8243	0.41	0.1651611	count	1
SPATA32	0.777818	0.9436094	0.8243	0.41	0.1651611	count	1

AC007663.3	0.777818	0.9436094	0.8243	0.41	0.1651611	count	1
DDR2	0.777818	1.0158164	0.7657	0.444	0.1651611	count	1
AC016700.3	0.777818	1.0158164	0.7657	0.444	0.1651611	count	1
LINC00881	0.777818	1.0158164	0.7657	0.444	0.1651611	count	1
CCDC38	0.777818	1.0158164	0.7657	0.444	0.1651611	count	1
LMBRD1	0.125072	0.1216396	1.0282	0.304	0.165178583	count	1
ITGA10	0.7781568	0.7551389	1.0305	0.303	0.165239325	count	1
TRAV20	0.7781568	0.769185	1.0117	0.312	0.165239325	count	1
HNRNPL	0.11865	0.0940173	1.262	0.207	0.165274305	count	1
SLC7A1	0.2071308	0.3400852	0.6091	0.543	0.165571488	count	1
KLHL8	0.1541849	0.2690783	0.573	0.567	0.165635384	count	1
NEU1	0.1214458	0.1128462	1.0762	0.282	0.16574611	count	1
YWHAQ	0.1161614	0.0584341	1.9879	0.0469	0.165992443	count	1
KIF13B	0.129613	0.1600724	0.8097	0.418	0.166063632	count	1
TEN1	0.1315451	0.1894432	0.6944	0.487	0.166123371	count	1
MKNK1	0.1316982	0.1814212	0.7259	0.468	0.166317422	count	1
WASHC1	0.1252599	0.174799	0.7166	0.474	0.166352896	count	1
PMM2	0.1382656	0.1991427	0.6943	0.488	0.166480414	count	1
RPL10	0.1154221	0.0128743	8.9653	5.00E-19	0.16648686	count	1.21E-14
THAP3	0.1389941	0.2372388	0.5859	0.558	0.166501713	count	1
SVIL	0.1377116	0.2101447	0.6553	0.512	0.166620501	count	1
PAFAH1B3	0.1213308	0.1400193	0.8665	0.386	0.166627317	count	1
AMACR	0.3556455	1.0118467	0.3515	0.725	0.166638896	count	1
AP4B1	0.1497685	0.1962805	0.763	0.445	0.166657016	count	1
LARS2	0.2084768	0.4346534	0.4796	0.632	0.166668775	count	1
PYHIN1	0.11819	0.0800015	1.4773	0.14	0.166734232	count	1
UHRF2	0.1317719	0.1600759	0.8232	0.41	0.166853266	count	1
TMEM50B	0.1229584	0.1084415	1.1339	0.257	0.167138859	count	1
UBXN2A	0.1242652	0.1605112	0.7742	0.439	0.167219374	count	1
RARA-AS1	0.7872546	0.8866383	0.8879	0.375	0.167341067	count	1
AC079447.1	0.7872546	1.392439	0.5654	0.572	0.167341067	count	1
TSR1	0.147582	0.2213008	0.6669	0.505	0.16739623	count	1
AC092279.1	0.3573562	0.7636702	0.4679	0.64	0.16747803	count	1
TRIM14	0.1289984	0.1800121	0.7166	0.474	0.167497824	count	1
ASPM	0.2399313	0.6777935	0.354	0.723	0.167597053	count	1
ANKRD28	0.1203701	0.0914563	1.3161	0.188	0.167609082	count	1
PIBF1	0.124861	0.1228446	1.0164	0.31	0.167638341	count	1
ZNF786	0.166843	0.3456087	0.4828	0.629	0.167951927	count	1
EIF2S3	0.121466	0.0814708	1.4909	0.136	0.167982114	count	1
ZNF337-AS1	0.7909702	0.7434177	1.064	0.287	0.168199958	count	1
AP006621.3	0.1673616	0.3664398	0.4567	0.648	0.168479732	count	1
DLST	0.1407976	0.1885849	0.7466	0.455	0.168673562	count	1
ZDHHC24	0.1220856	0.1296252	0.9418	0.346	0.168793682	count	1
NFIL3	0.1264553	0.1303168	0.9704	0.332	0.16892582	count	1
MATK	0.1204518	0.0927544	1.2986	0.194	0.168950928	count	1

NEPRO	0.1277491	0.1443734	0.8849	0.376	0.169114303	count	1
ZFP41	0.4743877	0.8102466	0.5855	0.558	0.169118145	count	1
NGLY1	0.1236722	0.1168305	1.0586	0.29	0.169169682	count	1
SEL1L3	0.1340226	0.1709913	0.7838	0.433	0.169263729	count	1
SLC25A35	0.4748132	0.5747883	0.8261	0.409	0.169279518	count	1
MED14	0.1353752	0.2567483	0.5273	0.598	0.169505627	count	1
RNF14	0.138977	0.2390099	0.5815	0.561	0.169679413	count	1
ARMC10	0.1316998	0.1549519	0.8499	0.395	0.169781982	count	1
WRB	0.1385024	0.2363689	0.586	0.558	0.169802636	count	1
PROSER2	0.3038141	0.6584074	0.4614	0.645	0.170133665	count	1
HMGA1P4	0.3038141	0.952921	0.3188	0.75	0.170133665	count	1
CD84	0.1271968	0.1244143	1.0224	0.307	0.170505598	count	1
STK26	0.1277707	0.1278598	0.9993	0.318	0.170686705	count	1
RPL29	0.1184079	0.0172771	6.8534	8.53E-12	0.1707057	count	2.07E-07
RPL32	0.1185931	0.017692	6.7032	2.38E-11	0.171009782	count	5.77E-07
AC011374.2	0.3053643	0.9390978	0.3252	0.745	0.171034328	count	1
MPI	0.1522911	0.2469277	0.6167	0.537	0.171186415	count	1
RPL34	0.1187418	0.0169153	7.0198	2.67E-12	0.171210947	count	6.47E-08
ACADM	0.1254957	0.1278321	0.9817	0.326	0.171281669	count	1
EIF2AK1	0.1266003	0.119681	1.0578	0.29	0.171509039	count	1
ACOT7	0.1360311	0.2362067	0.5759	0.565	0.17180989	count	1
SCFD2	0.1743293	0.4063246	0.429	0.668	0.171870048	count	1
FAM53B	0.1376053	0.2117605	0.6498	0.516	0.17230921	count	1
GPAT3	0.1897285	0.5420019	0.3501	0.726	0.172405152	count	1
PPM1N	0.1749607	0.3691848	0.4739	0.636	0.172500015	count	1
TTLL3	0.1902238	0.364277	0.5222	0.602	0.172862038	count	1
RPL30	0.1199422	0.0147125	8.1524	4.97E-16	0.172971363	count	1.21E-11
FAM20B	0.2297554	0.3546898	0.6478	0.517	0.173064952	count	1
EWSR1	0.1240878	0.0888388	1.3968	0.163	0.173074578	count	1
RALGAPB	0.1417524	0.2634723	0.538	0.591	0.173084259	count	1
RHOT2	0.1309204	0.1474776	0.8877	0.375	0.173124525	count	1
TCTN1	0.8124437	0.51865	1.5665	0.117	0.173169387	count	1
KIAA1586	0.13388	0.1533106	0.8733	0.383	0.173248053	count	1
LRFN3	0.2480848	0.4603123	0.5389	0.59	0.173444427	count	1
RAB4A	0.1263356	0.118377	1.0672	0.286	0.173509869	count	1
DHX29	0.1248891	0.1141607	1.094	0.274	0.173556576	count	1
DDX52	0.1312649	0.1393934	0.9417	0.346	0.173581186	count	1
DNAJC19	0.1235296	0.0905141	1.3648	0.172	0.173638858	count	1
KYAT3	0.1358217	0.1639231	0.8286	0.407	0.173664627	count	1
ETV7	0.1505734	0.3242073	0.4644	0.642	0.173667009	count	1
OCLN	0.2171095	0.6962402	0.3118	0.755	0.173712176	count	1
MCRS1	0.1290938	0.1486402	0.8685	0.385	0.173729608	count	1
UAP1	0.1348691	0.1610513	0.8374	0.402	0.173880711	count	1
SUCLG2-AS1	0.2736488	0.7058575	0.3877	0.698	0.173976313	count	1
ZNF615	0.1916143	0.6527585	0.2935	0.769	0.17414487	count	1

RETREG2	0.1290518	0.1509092	0.8552	0.393	0.174165653	count	1
CNDP2	0.1326219	0.1562866	0.8486	0.396	0.174295668	count	1
RNF165	0.4881017	0.745711	0.6545	0.513	0.174324296	count	1
KIAA0753	0.2073394	0.4513299	0.4594	0.646	0.174373969	count	1
URB1-AS1	0.1919659	0.3810471	0.5038	0.614	0.174469281	count	1
RNF125	0.125434	0.0750989	1.6703	0.095	0.17453072	count	1
AL450384.2	0.3717765	0.6050777	0.6144	0.539	0.17456339	count	1
RNF135	0.1418487	0.2743645	0.517	0.605	0.17461412	count	1
POLR2E	0.1245541	0.0843252	1.4771	0.14	0.174688268	count	1
RAMP1	0.2498603	0.61539	0.406	0.685	0.174718916	count	1
HSD17B4	0.1432529	0.2080125	0.6887	0.491	0.174925303	count	1
ZNF573	0.2753654	0.3399069	0.8101	0.418	0.175101989	count	1
ZBTB33	0.2324999	0.365925	0.6354	0.525	0.175180445	count	1
ACADSB	0.1870376	0.2509473	0.7453	0.456	0.175330077	count	1
SULT1B1	0.8218018	0.4724541	1.7394	0.082	0.175337884	count	1
PPIH	0.1261299	0.1125215	1.1209	0.262	0.175393117	count	1
KDM4A	0.1680508	0.2994173	0.5613	0.575	0.175414697	count	1
NRAS	0.1415571	0.2059076	0.6875	0.492	0.175541314	count	1
RETN	0.491776	0.9062851	0.5426	0.587	0.175721434	count	1
AC022144.1	0.491776	0.9062851	0.5426	0.587	0.175721434	count	1
AL162426.1	0.491776	1.183575	0.4155	0.678	0.175721434	count	1
AGBL3	0.2200883	0.6143462	0.3582	0.72	0.17614489	count	1
CHADL	0.8259193	0.8465957	0.9756	0.329	0.176292521	count	1
AL359258.2	0.8259193	0.8913078	0.9266	0.354	0.176292521	count	1
DNAJB14	0.1255447	0.0816478	1.5376	0.124	0.176303701	count	1
PMPCA	0.1353315	0.1727628	0.7833	0.433	0.176322911	count	1
CASS4	0.1884354	0.2854942	0.66	0.509	0.176658957	count	1
ZFP37	0.8277481	0.6822886	1.2132	0.225	0.176716614	count	1
ERCC8	0.1604786	0.3173375	0.5057	0.613	0.176750012	count	1
NPM2	0.1944613	0.347907	0.5589	0.576	0.176772197	count	1
MRPL53	0.2348063	0.4568866	0.5139	0.607	0.176958987	count	1
MED27	0.1342138	0.1522937	0.8813	0.378	0.177068762	count	1
TRA2A	0.1263513	0.0786548	1.6064	0.108	0.177100762	count	1
U2AF2	0.1339556	0.1442406	0.9287	0.353	0.177148096	count	1
ABCE1	0.1329374	0.1176097	1.1303	0.258	0.17727613	count	1
SYNE3	0.1592821	0.2571658	0.6194	0.536	0.177327897	count	1
TRIAP1	0.12989	0.1482029	0.8764	0.381	0.177370955	count	1
AC010978.1	0.3166253	0.7533292	0.4203	0.674	0.177585419	count	1
VRK2	0.1500088	0.1956831	0.7666	0.443	0.177763984	count	1
MTRF1L	0.1475907	0.192785	0.7656	0.444	0.177768834	count	1
TMEM30B	0.3784322	0.6105356	0.6198	0.535	0.177840686	count	1
ACLY	0.1469418	0.2047488	0.7177	0.473	0.177846713	count	1
PRSS36	0.497471	0.6741231	0.738	0.461	0.177888846	count	1
TRAV22	0.497471	0.749485	0.6638	0.507	0.177888846	count	1
PANK1	0.497471	0.7642886	0.6509	0.515	0.177888846	count	1

NUDT16	0.1416242	0.1995044	0.7099	0.478	0.177895776	count	1
SIDT1	0.1531153	0.2131674	0.7183	0.473	0.177939156	count	1
MATN1-AS1	0.2224028	0.3020429	0.7363	0.462	0.178035905	count	1
ZDHC4	0.1345069	0.1910836	0.7039	0.482	0.178082259	count	1
HIST4H4	0.180579	0.2769957	0.6519	0.514	0.178107714	count	1
ECSIT	0.1371472	0.1654511	0.8289	0.407	0.178110758	count	1
TMEM206	0.1706154	0.2510499	0.6796	0.497	0.178119068	count	1
DTX3	0.17696	0.3016349	0.5867	0.557	0.178254342	count	1
ZNF570	0.1618584	0.2292203	0.7061	0.48	0.178282387	count	1
BMT2	0.1851058	0.293327	0.6311	0.528	0.178295829	count	1
DUSP28	0.1388444	0.2019598	0.6875	0.492	0.178307638	count	1
MED24	0.4987659	0.3817665	1.3065	0.191	0.178382018	count	1
NDST2	0.1852229	0.4714902	0.3928	0.694	0.178410111	count	1
MSI2	0.1371609	0.1595074	0.8599	0.39	0.178425406	count	1
NFE2L1	0.1516868	0.2510966	0.6041	0.546	0.178664541	count	1
CHCHD3	0.1303344	0.1314656	0.9914	0.322	0.178737184	count	1
OTUB1	0.1285909	0.0995612	1.2916	0.197	0.178818848	count	1
CDC42SE1	0.1258003	0.0634356	1.9831	0.0474	0.178956013	count	1
EVA1C	0.1577484	0.2333089	0.6761	0.499	0.179012793	count	1
STX2	0.1493908	0.1846513	0.809	0.419	0.179025478	count	1
PGM1	0.1479187	0.2147468	0.6888	0.491	0.179035254	count	1
DDHD1	0.1352624	0.121231	1.1157	0.265	0.179084973	count	1
RPS4X	0.1242913	0.0167548	7.4183	1.49E-13	0.179206545	count	3.61E-09
ARSK	0.1581733	0.2180622	0.7254	0.468	0.179498517	count	1
MFS10	0.1273835	0.084491	1.5077	0.132	0.179656371	count	1
FKBP8	0.1270564	0.0696804	1.8234	0.0683	0.179678053	count	1
SERTAD2	0.1783658	0.2042869	0.8731	0.383	0.179686862	count	1
C12orf10	0.130491	0.1184815	1.1014	0.271	0.179724774	count	1
XBP1	0.1265166	0.0638924	1.9802	0.0478	0.180038908	count	1
CDC25B	0.1393976	0.1628612	0.8559	0.392	0.180079857	count	1
EFCAB7	0.2574083	0.3279747	0.7848	0.433	0.18014156	count	1
GTF3C3	0.1550768	0.2529419	0.6131	0.54	0.180233682	count	1
AC008035.1	0.2833305	0.8222662	0.3446	0.73	0.180330015	count	1
IFT172	0.8434727	0.6445422	1.3086	0.191	0.180365493	count	1
RPRD1B	0.2060511	0.2665842	0.7729	0.44	0.180806484	count	1
CRTC2	0.1486931	0.2100318	0.708	0.479	0.180809086	count	1
SLAMF7	0.1367639	0.1712609	0.7986	0.425	0.181077863	count	1
WDSUB1	0.1482794	0.2634795	0.5628	0.574	0.181093818	count	1
SFXN1	0.1294739	0.0841664	1.5383	0.124	0.181339254	count	1
RPS27A	0.1258078	0.014235	8.8379	1.54E-18	0.181436379	count	3.74E-14
PDE6B	0.1599123	0.3362506	0.4756	0.634	0.181486635	count	1
GNG2	0.1287066	0.0776033	1.6585	0.0973	0.181551857	count	1
DCTN5	0.1541932	0.2182216	0.7066	0.48	0.18163496	count	1
RIOX1	0.1494009	0.225949	0.6612	0.509	0.181674183	count	1
SMIM15	0.1341065	0.1359466	0.9865	0.324	0.181804808	count	1

FLYWCH1	0.2270706	0.2416421	0.9397	0.347	0.181851777	count	1
EFCAB14	0.1368582	0.1215376	1.1261	0.26	0.181980579	count	1
ZPR1	0.1366356	0.1318843	1.036	0.3	0.182044826	count	1
GATA6	0.8519332	0.8025141	1.0616	0.289	0.182330386	count	1
MSTO1	0.227817	0.3482292	0.6542	0.513	0.182462224	count	1
GPR171	0.1356835	0.0978873	1.3861	0.166	0.182615645	count	1
RANBP6	0.1468007	0.2067286	0.7101	0.478	0.182698286	count	1
KRCC1	0.1318749	0.1149947	1.1468	0.252	0.182726958	count	1
SNCA	0.5104821	0.7068074	0.7222	0.47	0.182849064	count	1
SYNGAP1-AS1	0.5104821	0.8147702	0.6265	0.531	0.182849064	count	1
EPC1	0.1288533	0.0592257	2.1756	0.0297	0.182883788	count	1
PGRMC2	0.139353	0.1295273	1.0759	0.282	0.182919661	count	1
TRAV12-1	0.2427336	0.7025623	0.3455	0.73	0.183077424	count	1
RPS26	0.1270842	0.0159072	7.9891	1.84E-15	0.183191691	count	4.47E-11
FAM120AOS	0.1349252	0.1242846	1.0856	0.278	0.183232387	count	1
RPS13	0.1272522	0.0194803	6.5323	7.44E-11	0.183467721	count	1.80E-06
CAT	0.1360362	0.1288469	1.0558	0.291	0.183484143	count	1
GDAP2	0.1709058	0.2057803	0.8305	0.406	0.18376879	count	1
SIN3B	0.1440764	0.1940796	0.7424	0.458	0.183839909	count	1
PIGQ	0.2094673	0.3437077	0.6094	0.542	0.183856208	count	1
GABPB2	0.1668945	0.2102516	0.7938	0.427	0.183877014	count	1
MYEF2	0.2022444	0.3527279	0.5734	0.566	0.183960037	count	1
SERPINI1	0.1910821	0.2948925	0.648	0.517	0.184130544	count	1
EEF1G	0.8611175	0.6683589	1.2884	0.198	0.184464581	count	1
SLC2A11	0.1914449	0.2852641	0.6711	0.502	0.184484888	count	1
ANAPC15	0.1341788	0.1201307	1.1169	0.264	0.184496634	count	1
TRAPPC12	0.1468841	0.185854	0.7903	0.429	0.184530321	count	1
NXT2	0.1870274	0.2449658	0.7635	0.445	0.184548628	count	1
VMP1	0.1315252	0.0798327	1.6475	0.0995	0.184688144	count	1
PPCS	0.1319804	0.0981925	1.3441	0.179	0.184700316	count	1
SLC9A3	0.1569406	0.3127604	0.5018	0.616	0.184891613	count	1
ATXN2L	0.1495998	0.1592704	0.9393	0.348	0.184896101	count	1
FAM122A	0.1435239	0.1830061	0.7843	0.433	0.18507643	count	1
URM1	0.1368508	0.1334908	1.0252	0.305	0.185308544	count	1
CBX6	0.1359017	0.1246458	1.0903	0.276	0.185330614	count	1
AC008040.5	0.2315276	0.5066419	0.457	0.648	0.185497988	count	1
OARD1	0.1363363	0.1252963	1.0881	0.277	0.18564711	count	1
ZNF252P-AS1	0.394665	0.7380409	0.5347	0.593	0.185852031	count	1
LINC01410	0.394665	0.8144227	0.4846	0.628	0.185852031	count	1
NEU3	0.8680614	0.718142	1.2088	0.227	0.186078928	count	1
ZNF493	0.1481194	0.1813719	0.8167	0.414	0.186088716	count	1
TMX1	0.1336726	0.1079793	1.2379	0.216	0.186186559	count	1
ARL1	0.1382717	0.1299946	1.0637	0.288	0.186241936	count	1
RPS28	0.1293818	0.0162758	7.9493	2.53E-15	0.186498913	count	6.14E-11
RAC2	0.1297057	0.0335988	3.8604	0.000115	0.18656228	count	1

RCAN2	0.2663635	0.3301609	0.8068	0.42	0.186584694	count	1
SLC39A6	0.150007	0.1750631	0.8569	0.392	0.18670659	count	1
SYVN1	0.1818541	0.2460887	0.739	0.46	0.186760496	count	1
TMEM91	0.1819208	0.2843031	0.6399	0.522	0.186829766	count	1
TMEM143	0.2935325	0.4756559	0.6171	0.537	0.187037725	count	1
ACYP2	0.1450861	0.1650632	0.879	0.379	0.187097703	count	1
ACTR1B	0.1392167	0.145476	0.957	0.339	0.187241238	count	1
SEC24D	0.1555038	0.2577137	0.6034	0.546	0.187353351	count	1
SAR1B	0.1360084	0.1160143	1.1723	0.241	0.187455433	count	1
ATG4C	0.1702168	0.2705338	0.6292	0.529	0.187569172	count	1
FAM83G	0.294364	0.6044079	0.487	0.626	0.187584993	count	1
RNF8	0.1402915	0.1657424	0.8464	0.397	0.187618255	count	1
CPPED1	0.1652802	0.2895332	0.5709	0.568	0.187625299	count	1
BICRAL	0.1626903	0.2349235	0.6925	0.489	0.187741607	count	1
TTY15	0.1406365	0.1265275	1.1115	0.266	0.187742236	count	1
XKR8	0.1653841	0.244942	0.6752	0.5	0.187744147	count	1
TRBV24-1	0.3342449	0.8419909	0.397	0.691	0.187864856	count	1
C8orf58	0.234451	0.3593955	0.6523	0.514	0.187890984	count	1
FAM120B	0.1747679	0.2845894	0.6141	0.539	0.187961385	count	1
AC005253.1	0.5238747	0.5392612	0.9715	0.331	0.187966769	count	1
PHC2	0.1460934	0.1798989	0.8121	0.417	0.188031621	count	1
XAB2	0.174996	0.2214589	0.7902	0.429	0.188209052	count	1
VSIG1	0.1952781	0.3352499	0.5825	0.56	0.18822973	count	1
FBXW4	0.1503279	0.2049566	0.7335	0.463	0.188309782	count	1
WIPF2	0.1588671	0.209007	0.7601	0.447	0.188326161	count	1
LETMD1	0.1390419	0.122804	1.1322	0.258	0.188833003	count	1
OPN3	0.2502583	0.4660468	0.537	0.591	0.188892708	count	1
AC244090.1	0.2013464	0.4245221	0.4743	0.635	0.188944914	count	1
NARFL	0.16378	0.267511	0.6122	0.54	0.189008017	count	1
FGF9	0.4011815	0.5273118	0.7608	0.447	0.18907524	count	1
AC246817.2	0.269846	0.8057659	0.3349	0.738	0.189093009	count	1
RYK	0.1541648	0.1628095	0.9469	0.344	0.189102004	count	1
ALYREF	0.1343512	0.0977036	1.3751	0.169	0.189102177	count	1
RANBP3	0.1500856	0.1846314	0.8129	0.416	0.189111898	count	1
TNFRSF14	0.134132	0.0706247	1.8992	0.0576	0.189165626	count	1
GCSH	0.1843001	0.2903929	0.6347	0.526	0.189301036	count	1
SOS2	0.147773	0.1619125	0.9127	0.361	0.189415397	count	1
ASCL5	0.5281581	0.9167937	0.5761	0.565	0.189606011	count	1
LINC02574	0.5281581	0.9911305	0.5329	0.594	0.189606011	count	1
ARSJ	0.5281581	0.9911305	0.5329	0.594	0.189606011	count	1
TRBV6-5	0.5281581	0.9911305	0.5329	0.594	0.189606011	count	1
MTRNR2L6	0.5281581	1.0504569	0.5028	0.615	0.189606011	count	1
FAM131C	0.5281581	1.206944	0.4376	0.662	0.189606011	count	1
RHD	0.5281581	1.206944	0.4376	0.662	0.189606011	count	1
TM4SF19-AS1	0.5281581	1.206944	0.4376	0.662	0.189606011	count	1

FRMPD3	0.5281581	1.206944	0.4376	0.662	0.189606011	count	1
LINC01366	0.5281581	1.381269	0.3824	0.702	0.189606011	count	1
AC138230.1	0.5281581	1.381269	0.3824	0.702	0.189606011	count	1
AC135048.3	0.5281581	1.381269	0.3824	0.702	0.189606011	count	1
RBM44	0.8843223	0.9735012	0.9084	0.364	0.189861723	count	1
SPTSSB	0.8843223	1.058115	0.8358	0.403	0.189861723	count	1
HEG1	0.2254924	0.2609317	0.8642	0.388	0.189943067	count	1
IMPACT	0.1725664	0.2782025	0.6203	0.535	0.190181015	count	1
ANGEL2	0.1436686	0.1545251	0.9297	0.353	0.190661097	count	1
MYL6B	0.1610876	0.270082	0.5964	0.551	0.190974788	count	1
RNF212	0.5317941	0.8405253	0.6327	0.527	0.190998486	count	1
PDHB	0.1376979	0.1076468	1.2792	0.201	0.191035181	count	1
POLR2M	0.1621345	0.2237718	0.7246	0.469	0.191049977	count	1
ITPRIP	0.1622393	0.1982598	0.8183	0.413	0.191174259	count	1
METTL8	0.1586683	0.1844392	0.8603	0.39	0.191187626	count	1
C6orf99	0.8902493	0.7011236	1.2697	0.204	0.191241288	count	1
CALHM2	0.1439889	0.1639115	0.8785	0.38	0.191288883	count	1
ZNF710	0.2533772	0.6543892	0.3872	0.699	0.19130521	count	1
AL138963.3	0.5329464	0.9969329	0.5346	0.593	0.191439961	count	1
DDX31	0.2180133	0.4243198	0.5138	0.607	0.191491965	count	1
ERI2	0.2732285	0.5901753	0.463	0.643	0.191530861	count	1
TMEM128	0.1758622	0.2350374	0.7482	0.454	0.191586224	count	1
LINC01336	0.534281	0.640373	0.8343	0.404	0.19195138	count	1
PAQR7	0.534281	0.6837085	0.7814	0.435	0.19195138	count	1
HPS3	0.1490108	0.1965181	0.7583	0.448	0.192176303	count	1
VSIR	0.1365339	0.0742065	1.8399	0.0659	0.192176617	count	1
TTC12	0.2546764	0.4120992	0.618	0.537	0.192310519	count	1
AC016831.1	0.3019628	0.1765496	1.7104	0.0873	0.192590123	count	1
TYW5	0.19512	0.2843509	0.6862	0.493	0.192638807	count	1
PCBP2	0.1357571	0.0560215	2.4233	0.0154	0.192864677	count	1
PALB2	0.1732085	0.3226973	0.5368	0.591	0.19296462	count	1
ANKRD36C	0.1448465	0.1587663	0.9123	0.362	0.193011056	count	1
ZNF689	0.2057666	0.3264471	0.6303	0.529	0.193155852	count	1
FAM117A	0.1431945	0.1309279	1.0937	0.274	0.193158884	count	1
MZF1	0.175345	0.2346506	0.7473	0.455	0.193270448	count	1
FKTN	0.2757252	0.4295912	0.6418	0.521	0.193331174	count	1
MFSD6	0.1884759	0.2523624	0.7468	0.455	0.19363978	count	1
OSTC	0.1365254	0.0721725	1.8917	0.0586	0.193664012	count	1
PTRH1	0.1508278	0.1926809	0.7828	0.434	0.193752755	count	1
MIEN1	0.1376402	0.1018756	1.3511	0.177	0.193857819	count	1
FCRL3	0.1782006	0.2444296	0.729	0.466	0.19415751	count	1
CCNB1IP1	0.1419402	0.1230575	1.1534	0.249	0.194281693	count	1
ZNF816-ZNF321P	0.9037639	0.6627785	1.3636	0.173	0.194388289	count	1
GZMM	0.1357026	0.0528371	2.5683	0.0103	0.194529129	count	1
VPS25	0.1500596	0.177435	0.8457	0.398	0.194600772	count	1

ARHGAP9	0.1398345	0.093476	1.4959	0.135	0.194666343	count	1
FBXO8	0.1515467	0.2138615	0.7086	0.479	0.194679579	count	1
ZBTB1	0.1422469	0.0846744	1.6799	0.0931	0.194783973	count	1
ZDHC5	0.15081	0.1625448	0.9278	0.354	0.19487365	count	1
L3MBTL2	0.1534735	0.1970976	0.7787	0.436	0.194940118	count	1
RPL5	0.1352521	0.0181557	7.4495	1.18E-13	0.194981325	count	2.86E-09
ZBTB24	0.1412502	0.1261983	1.1193	0.263	0.195104431	count	1
ANKRD42	0.3059534	0.3160766	0.968	0.333	0.1952214	count	1
ADPRHL2	0.145391	0.1346463	1.0798	0.28	0.195414758	count	1
SLC29A3	0.2146864	0.3603234	0.5958	0.551	0.195466308	count	1
SOAT1	0.1562211	0.1790419	0.8725	0.383	0.195724922	count	1
FASTKD1	0.2227711	0.3372328	0.6606	0.509	0.195747008	count	1
MMP25-AS1	0.1984284	0.2277815	0.8711	0.384	0.195948426	count	1
CYB5R3	0.1404219	0.1100323	1.2762	0.202	0.196141339	count	1
CDKN2B	0.2446007	0.4072596	0.6006	0.548	0.196207746	count	1
STX3	0.1781515	0.2324955	0.7663	0.444	0.196391681	count	1
DCUN1D3	0.185512	0.3535544	0.5247	0.6	0.196855821	count	1
C5orf22	0.1767167	0.2674355	0.6608	0.509	0.196906656	count	1
LRPPRC	0.1599612	0.1629524	0.9816	0.326	0.197024372	count	1
CXorf40B	0.1661739	0.2208001	0.7526	0.452	0.197043269	count	1
RAP2C	0.1461839	0.1426359	1.0249	0.305	0.197334617	count	1
TRAV25	0.9168213	0.7959271	1.1519	0.2494	0.197430381	count	1
C15orf39	0.1999102	0.3079777	0.6491	0.516	0.197431189	count	1
EFNA5	0.2818272	0.6449902	0.4369	0.662	0.197734455	count	1
PABPN1	0.143164	0.1093673	1.309	0.191	0.197808293	count	1
ZFAND3	0.1689868	0.1732003	0.9757	0.329	0.197885182	count	1
LINC00891	0.225195	0.4786105	0.4705	0.638	0.197915867	count	1
SLC26A1	0.3103075	0.788406	0.3936	0.694	0.198094502	count	1
MPV17	0.1488856	0.1564112	0.9519	0.341	0.198212664	count	1
AC093323.1	0.1564398	0.1610026	0.9717	0.331	0.198219222	count	1
RIC8A	0.1440536	0.1221511	1.1793	0.238	0.198232099	count	1
AL390728.6	0.2112599	0.2335205	0.9047	0.366	0.198392399	count	1
USF1	0.1646242	0.289689	0.5683	0.57	0.19840619	count	1
RNF167	0.1408864	0.0927085	1.5197	0.129	0.19843323	count	1
S100B	0.2627833	0.5392043	0.4874	0.626	0.198588423	count	1
METTL2B	0.1665283	0.2219428	0.7503	0.453	0.1986067	count	1
PFAS	0.9223456	0.4872357	1.893	0.0584	0.198717829	count	1
SORL1	0.1513812	0.1293621	1.1702	0.242	0.198755253	count	1
ASH2L	0.1936121	0.2854452	0.6783	0.498	0.198979063	count	1
PSMF1	0.1410788	0.0880455	1.6023	0.109	0.19906148	count	1
HM13	0.1424921	0.0922802	1.5441	0.123	0.199280735	count	1
AP005482.1	0.1663002	0.3162036	0.5259	0.599	0.199412813	count	1
ZNF347	0.2638586	0.562311	0.4692	0.639	0.19942174	count	1
HSP90B1	0.1392813	0.0474839	2.9332	0.00338	0.199492305	count	1
SRSF6	0.1464078	0.1016834	1.4398	0.15	0.199682958	count	1

TRIP11	0.1462184	0.1207705	1.2107	0.226	0.199974976	count	1
AAAS	0.1858357	0.2309232	0.8048	0.421	0.199984929	count	1
LINC00937	0.2647532	0.6892898	0.3841	0.701	0.200115142	count	1
GABARAP	0.2374946	0.3661553	0.6486	0.517	0.200260135	count	1
CAMK2N1	0.1525257	0.1636032	0.9323	0.351	0.200262381	count	1
EIF4G1	0.1555672	0.1336879	1.1637	0.245	0.200269407	count	1
AC239800.2	0.9291266	0.9920857	0.9365	0.349	0.200298414	count	1
LINC02265	0.9291266	0.9920857	0.9365	0.349	0.200298414	count	1
ZNF835	0.9291266	1.063562	0.8736	0.382	0.200298414	count	1
HNRNPA1	0.1396554	0.0327288	4.267	2.03E-05	0.200363996	count	0.4874233
C19orf73	0.3137447	0.4813166	0.6518	0.515	0.200364166	count	1
TCEA2	0.153295	0.1831892	0.8368	0.403	0.200417608	count	1
MTMR14	0.1513466	0.1737083	0.8713	0.384	0.200438028	count	1
AL135999.1	0.5565366	0.5528512	1.0067	0.314	0.200496336	count	1
CDKL1	0.1889278	0.3168563	0.5963	0.551	0.20051893	count	1
XCL2	0.3149668	0.1580185	1.9932	0.0463	0.201171479	count	1
LRTOMT	0.3150039	0.7250109	0.4345	0.664	0.201195988	count	1
FGF22	0.5583958	0.8382559	0.6661	0.505	0.201211491	count	1
ZHX2	0.2386722	0.272506	0.8758	0.381	0.201273371	count	1
ELP5	0.1533569	0.1921787	0.798	0.425	0.201356976	count	1
GSS	0.1551332	0.1704172	0.9103	0.363	0.201547665	count	1
WDR1	0.1442903	0.0917344	1.5729	0.116	0.201582152	count	1
DCK	0.1496444	0.1230976	1.2157	0.224	0.201736913	count	1
HACD2	0.1596729	0.2214519	0.721	0.471	0.20179932	count	1
ASAH1	0.147111	0.1178871	1.2479	0.212	0.201859051	count	1
ST3GAL2	0.1931628	0.2406936	0.8025	0.422	0.201926613	count	1
PPP5C	0.1779385	0.2087987	0.8522	0.394	0.202111798	count	1
RNF6	0.1619636	0.1669406	0.9702	0.332	0.202319594	count	1
SESN1	0.1568776	0.171908	0.9126	0.362	0.202358489	count	1
CEBPZOS	0.1520523	0.1293827	1.1752	0.24	0.202439229	count	1
CD59	0.1601879	0.1908931	0.8391	0.401	0.202452974	count	1
CYB5R1	0.1489932	0.1456024	1.0233	0.306	0.202485334	count	1
GATB	0.2522767	0.3823176	0.6599	0.509	0.202506224	count	1
WNT7A	0.5617898	0.5363467	1.0474	0.295	0.202517706	count	1
IRF8	0.3170112	0.3604638	0.8795	0.379	0.202522391	count	1
COQ5	0.1783339	0.229598	0.7767	0.437	0.202564541	count	1
POMGNT2	0.2680817	0.4374261	0.6129	0.54	0.202695912	count	1
TBCC	0.1440824	0.0802029	1.7965	0.0725	0.20271359	count	1
IL5RA	0.9402914	0.8019268	1.1725	0.241	0.202901451	count	1
AL356488.2	0.9402914	0.8352531	1.1258	0.26	0.202901451	count	1
GLYCTK	0.1864064	0.2599823	0.717	0.473	0.203184898	count	1
STRN4	0.1889706	0.2982737	0.6335	0.526	0.203392833	count	1
PTS	0.1512818	0.1444043	1.0476	0.295	0.203504498	count	1
WIPI1	0.1764678	0.2586838	0.6822	0.495	0.203761043	count	1
AFF3	0.4308256	0.578875	0.7442	0.457	0.203787735	count	1

CERNA1	0.2320669	0.4944169	0.4694	0.639	0.204068669	count	1
ELMOD3	0.1814248	0.2660962	0.6818	0.495	0.20421773	count	1
MIS12	0.1852004	0.1897449	0.976	0.329	0.204234484	count	1
RNF26	0.1898149	0.3486925	0.5444	0.586	0.20431083	count	1
ATPAF1	0.1578101	0.1801131	0.8762	0.381	0.20432461	count	1
MROH8	0.946407	0.6909578	1.3697	0.171	0.204327546	count	1
SRGN	0.1418976	0.0280287	5.0626	4.36E-07	0.204379036	count	0.010517192
FRRS1	0.4321037	0.8691682	0.4971	0.619	0.204423849	count	1
WAC-AS1	0.1614578	0.148513	1.0872	0.277	0.204604249	count	1
ZNF449	0.4325401	0.5901004	0.733	0.464	0.204641092	count	1
GPATCH3	0.2246489	0.3264992	0.6881	0.491	0.204693333	count	1
ANAPC10	0.1508638	0.1629318	0.9259	0.355	0.2049192	count	1
TMEM216	0.1537651	0.188619	0.8152	0.415	0.204925506	count	1
ZNF416	0.2552681	0.5636727	0.4529	0.651	0.204962779	count	1
ZBTB39	0.4331902	0.5122762	0.8456	0.398	0.204964725	count	1
ZNF616	0.5681446	0.4351189	1.3057	0.192	0.204965141	count	1
CDK2AP1	0.4332103	0.8064057	0.5372	0.591	0.204974729	count	1
AC074050.4	0.4332103	0.8869287	0.4884	0.625	0.204974729	count	1
METAP1D	0.3635918	0.3395886	1.0707	0.284	0.205062494	count	1
PNPLA2	0.1516479	0.117322	1.2926	0.196	0.205129458	count	1
ARHGAP5-AS1	0.4337557	0.6166566	0.7034	0.482	0.20524628	count	1
CARS	0.1649124	0.1683937	0.9793	0.327	0.205349301	count	1
RWDD2B	0.1934384	0.3263088	0.5928	0.553	0.20535798	count	1
ZNF480	0.175479	0.1814512	0.9671	0.334	0.205541284	count	1
EZH1	0.1683024	0.1751304	0.961	0.337	0.205684365	count	1
GAS7	0.3648005	0.4611149	0.7911	0.429	0.205772793	count	1
TRIM61	0.4349489	0.7118691	0.611	0.541	0.205840439	count	1
SMYD3	0.1670909	0.1924353	0.8683	0.385	0.205852102	count	1
ARRB2	0.1463037	0.0904159	1.6181	0.106	0.205861027	count	1
VHL	0.1590474	0.1684156	0.9444	0.345	0.205932221	count	1
TMEM116	0.1575183	0.1689589	0.9323	0.351	0.205956719	count	1
C19orf44	0.5708098	0.6929323	0.8238	0.41	0.205992248	count	1
HOXB3	0.5708098	0.8079724	0.7065	0.48	0.205992248	count	1
POMK	0.4353673	0.8579288	0.5075	0.612	0.206048811	count	1
AC040169.1	0.4353673	0.910783	0.478	0.633	0.206048811	count	1
LAMB3	0.4353673	1.0678309	0.4077	0.684	0.206048811	count	1
NACC2	0.1890201	0.3795546	0.498	0.619	0.2060617	count	1
HEATR1	0.1673411	0.2039937	0.8203	0.412	0.206161951	count	1
PLRG1	0.1532821	0.1333995	1.149	0.251	0.206201317	count	1
MAFF	0.1566021	0.1296424	1.208	0.227	0.206437101	count	1
DCAF4L1	0.4368643	1.093531	0.3995	0.69	0.20679449	count	1
CENPO	0.4372769	0.7231654	0.6047	0.545	0.207000048	count	1
AC067735.1	0.4372769	0.7231654	0.6047	0.545	0.207000048	count	1
AC005730.2	0.4372769	0.7231654	0.6047	0.545	0.207000048	count	1
ARVCF	0.4372769	0.7231654	0.6047	0.545	0.207000048	count	1

MACF1	0.1484707	0.0805257	1.8438	0.0653	0.207047533	count	1
PXK	0.170255	0.1879322	0.9059	0.365	0.207179471	count	1
OXSM	0.1758304	0.2784845	0.6314	0.528	0.207299816	count	1
TMEM127	0.1689617	0.2117345	0.798	0.425	0.207351034	count	1
FNIP1	0.1524273	0.1239874	1.2294	0.219	0.207492204	count	1
PXMP4	0.1771528	0.3327826	0.5323	0.595	0.207515727	count	1
FBXO36	0.5750336	0.5344084	1.076	0.282	0.207621008	count	1
DUSP6	0.1523217	0.130758	1.1649	0.244	0.207662166	count	1
NAP1L5	0.2058125	0.3302337	0.6232	0.533	0.207700869	count	1
NRF1	0.3248664	0.2671616	1.216	0.224	0.207717494	count	1
ZBTB17	0.1723044	0.2541915	0.6779	0.498	0.207718577	count	1
VIPR1	0.5754285	0.5891482	0.9767	0.329	0.207773256	count	1
RPL39	0.1442886	0.0165523	8.7171	4.39E-18	0.207999487	count	1.07E-13
AL603839.3	0.5762863	0.8917911	0.6462	0.518	0.208104171	count	1
LRRC32	0.5762863	0.9079731	0.6347	0.526	0.208104171	count	1
CAMTA2	0.1909146	0.2358979	0.8093	0.418	0.208147334	count	1
FAM136A	0.1546568	0.1258639	1.2288	0.219	0.208209271	count	1
MYCBP	0.1632627	0.2000457	0.8161	0.414	0.20842128	count	1
MT3	0.9650375	0.8986799	1.0738	0.283	0.208672812	count	1
MED15	0.1607496	0.1520636	1.0571	0.291	0.209215919	count	1
CNIH2	0.2766272	0.5925595	0.4668	0.641	0.209327976	count	1
TMED1	0.170034	0.1813623	0.9375	0.349	0.209497153	count	1
NGFR	0.2982115	0.7527498	0.3962	0.692	0.209580098	count	1
RPL37	0.1456434	0.01777	8.196	3.48E-16	0.209855724	count	8.45E-12
ARHGAP27	0.1791431	0.2514122	0.7125	0.476	0.209863817	count	1
TAP2	0.1643999	0.1437156	1.1439	0.253	0.209878908	count	1
COMT	0.1502886	0.1099111	1.3674	0.172	0.209903764	count	1
TSPYL4	0.1781508	0.2521586	0.7065	0.48	0.21005443	count	1
PUS7L	0.1545621	0.1390308	1.1117	0.266	0.210068224	count	1
RPL11	0.1457662	0.0160272	9.0949	1.57E-19	0.210214826	count	3.81E-15
PPP1CB	0.1479958	0.0549359	2.694	0.0071	0.210290318	count	1
TNPO1	0.1795152	0.161605	1.1108	0.267	0.210302844	count	1
DLD	0.1606537	0.1486196	1.081	0.28	0.210377298	count	1
DAP	0.1664344	0.1516777	1.0973	0.273	0.210382476	count	1
PROB1	0.5822012	0.6714928	0.867	0.386	0.21038708	count	1
H1FX-AS1	0.5822012	0.6748901	0.8627	0.388	0.21038708	count	1
TNFRSF13C	0.9735131	0.4524613	2.1516	0.0315	0.210649907	count	1
IGFLR1	0.2014201	0.2150961	0.9364	0.349	0.210659149	count	1
KRTCAP2	0.148767	0.0741121	2.0073	0.0448	0.210854918	count	1
ZNF84	0.1718941	0.2217597	0.7751	0.438	0.210969382	count	1
EEF1A1	0.1463578	0.0140347	10.4283	4.39E-25	0.21109621	count	1.07E-20
PSEN2	0.2630281	0.4769887	0.5514	0.581	0.211340515	count	1
NT5C	0.150939	0.1031714	1.463	0.144	0.211374921	count	1
TRABD2A	0.1645476	0.133148	1.2358	0.217	0.211445514	count	1
NDC1	0.2404347	0.3987297	0.603	0.547	0.211568647	count	1

MVD	0.1693681	0.1949467	0.8688	0.385	0.211613979	count	1
BEX3	0.1629633	0.2682441	0.6075	0.544	0.211755847	count	1
AC005332.5	0.190017	0.2887842	0.658	0.511	0.211862389	count	1
CIAPIN1	0.1690446	0.1627374	1.0388	0.299	0.211867738	count	1
TIMM13	0.1586651	0.1263144	1.2561	0.209	0.211871135	count	1
BTBD19	0.4470887	0.4838978	0.9239	0.356	0.211892623	count	1
SLF2	0.1583321	0.1554527	1.0185	0.309	0.211988709	count	1
APLF	0.586357	0.5554759	1.0556	0.291	0.211992266	count	1
AC124283.1	0.586571	0.4042995	1.4508	0.147	0.212074931	count	1
MRPS14	0.1596556	0.1649277	0.968	0.333	0.212158827	count	1
TRIM16	0.3023224	0.3696384	0.8179	0.413	0.212557295	count	1
MEPCE	0.1772006	0.1738137	1.0195	0.308	0.212566977	count	1
DPAGT1	0.1764585	0.227861	0.7744	0.439	0.21275734	count	1
NAPA	0.1523353	0.1054009	1.4453	0.148	0.212799415	count	1
KLHL3	0.4493411	0.5123164	0.8771	0.381	0.213016931	count	1
DPCD	0.5898954	0.804009	0.7337	0.463	0.213359651	count	1
ATP13A4	0.5898954	0.8623316	0.6841	0.494	0.213359651	count	1
LINC00299	0.5898954	1.130866	0.5216	0.602	0.213359651	count	1
SYTL1	0.1520196	0.0978148	1.5542	0.12	0.213419735	count	1
YME1L1	0.1530163	0.0829337	1.845	0.0651	0.213468041	count	1
KCNA3	0.1640944	0.1539839	1.0657	0.287	0.213584125	count	1
SLC16A6	0.1960189	0.3531345	0.5551	0.579	0.213768343	count	1
S100A9	0.1696067	0.3042253	0.5575	0.577	0.213822523	count	1
USP38	0.2014751	0.2193115	0.9187	0.358	0.213985113	count	1
CTDSP1	0.1535674	0.0931748	1.6482	0.0994	0.214008602	count	1
GRK4	0.2538186	0.5795117	0.438	0.661	0.214321044	count	1
HKR1	0.1922127	0.3252879	0.5909	0.555	0.214332979	count	1
ITGAL	0.155822	0.1221202	1.276	0.202	0.214451703	count	1
CD8B	0.1504229	0.0774125	1.9431	0.0521	0.214541212	count	1
DAGLB	0.3352744	0.4241224	0.7905	0.429	0.214611757	count	1
ZNF665	0.4530685	0.5516951	0.8212	0.412	0.214878453	count	1
IRAK2	0.2226268	0.6436305	0.3459	0.729	0.214998553	count	1
ZNF562	0.2227352	0.3013171	0.7392	0.46	0.215104824	count	1
MGAT4A	0.1528067	0.079919	1.912	0.056	0.215197519	count	1
DDX3Y	0.1560866	0.0887168	1.7594	0.0786	0.215371174	count	1
NPIPA1	0.5959017	0.6385255	0.9332	0.351	0.215682384	count	1
PPM1A	0.1716778	0.1455647	1.1794	0.238	0.215827172	count	1
EXT2	0.2453811	0.2877004	0.8529	0.394	0.216006048	count	1
TNFRSF4	0.1596603	0.1770221	0.9019	0.367	0.216126743	count	1
ORC5	0.173564	0.259188	0.6696	0.503	0.216176776	count	1
TOMM40	0.1653192	0.142108	1.1633	0.245	0.216190256	count	1
TBC1D13	0.2857214	0.3940302	0.7251	0.468	0.216395679	count	1
NRSN2-AS1	0.3829912	0.7364565	0.52	0.603	0.216480947	count	1
SELENOF	0.1533887	0.063752	2.406	0.0162	0.21658571	count	1
HSD11B1	0.3832281	0.9813934	0.3905	0.696	0.216620617	count	1

CST7	0.1505671	0.045634	3.2995	0.000979	0.216698173	count	1
TMEM42	0.1773111	0.2045033	0.867	0.386	0.216757412	count	1
CCR4	0.1892961	0.1956133	0.9677	0.333	0.216963601	count	1
PRELID2	1.000842	0.5809863	1.7227	0.085	0.217025047	count	1
DPYSL2	0.1717613	0.2341138	0.7337	0.463	0.21714643	count	1
PFN1	0.1506661	0.0244927	6.1515	8.57E-10	0.217168933	count	2.07E-05
ZNF737	0.1911687	0.289851	0.6595	0.51	0.217268375	count	1
MINPP1	0.2382369	0.371331	0.6416	0.521	0.21729748	count	1
ATM	0.1578884	0.0855299	1.846	0.065	0.217373595	count	1
OTUD6B-AS1	0.1564077	0.1041237	1.5021	0.133	0.217592755	count	1
PRR5L	0.1683469	0.2326778	0.7235	0.469	0.217619812	count	1
GADD45B	0.151592	0.0764491	1.9829	0.0475	0.217834588	count	1
SYCP2	0.2317383	0.4744518	0.4884	0.625	0.217945302	count	1
SNX5	0.1575266	0.1066657	1.4768	0.14	0.217981727	count	1
MGAT2	0.1603776	0.1255465	1.2774	0.202	0.218105823	count	1
IMPDH1	0.1649884	0.1589199	1.0382	0.299	0.218309139	count	1
SYNM	0.248078	0.2548728	0.9733	0.33	0.218426659	count	1
LINC00630	0.3106464	0.6149125	0.5052	0.613	0.218591803	count	1
ATP8A1	0.1981051	0.1811477	1.0936	0.274	0.218605057	count	1
HIST1H4D	1.008297	0.7984629	1.2628	0.207	0.218763908	count	1
LRRC37A2	0.3110017	0.3262602	0.9532	0.341	0.218849555	count	1
CFAP45	0.6041095	0.6829297	0.8846	0.376	0.218859593	count	1
PICK1	0.2092617	0.3442775	0.6078	0.543	0.218958701	count	1
PCIF1	0.1620512	0.1454614	1.114	0.265	0.219091527	count	1
TOMM34	0.1785563	0.2194692	0.8136	0.416	0.219192197	count	1
MAN1A1	0.1898106	0.2228459	0.8518	0.394	0.219290757	count	1
PECR	0.1947219	0.2530122	0.7696	0.442	0.219320226	count	1
MYADM	0.1539068	0.060484	2.5446	0.011	0.219327172	count	1
TRAPPC2	0.1695078	0.1576996	1.0749	0.283	0.219526382	count	1
RTCA	0.1617213	0.1205582	1.3414	0.18	0.219573678	count	1
DCTN1	0.1729045	0.2054392	0.8416	0.4	0.219730241	count	1
PRKAR2A-AS1	1.0130763	0.9578876	1.0576	0.29	0.219878597	count	1
FADS1	0.4635815	0.6888496	0.673	0.501	0.220135076	count	1
LINC01003	0.1671723	0.2127678	0.7857	0.432	0.220135247	count	1
RPS3A	0.1526986	0.0189377	8.0632	1.02E-15	0.220168979	count	2.48E-11
MYO9A	0.1786784	0.2216028	0.8063	0.42	0.22020668	count	1
UTS2	0.3133145	0.4505149	0.6955	0.487	0.220527759	count	1
ABHD14B	0.1580841	0.0903165	1.7503	0.0802	0.220545854	count	1
PTPN9	0.1895257	0.2369416	0.7999	0.424	0.22058574	count	1
TDRD7	0.2283467	0.3039954	0.7512	0.453	0.220608096	count	1
FCHSD1	0.2418373	0.290055	0.8338	0.404	0.22064085	count	1
DPF3	0.6090415	0.6057699	1.0054	0.315	0.220770476	count	1
UNK	0.1912707	0.2194606	0.8715	0.384	0.220991088	count	1
ZNF136	0.1914449	0.2148905	0.8909	0.373	0.221193964	count	1
APH1A	0.1591821	0.0919189	1.7318	0.0834	0.221366371	count	1

HDHD2	0.2922175	0.2510455	1.164	0.245	0.221450293	count	1
TRAPPC11	0.1889822	0.3083462	0.6129	0.54	0.221476425	count	1
GNPAT	0.1761686	0.1681313	1.0478	0.295	0.221499898	count	1
BCL2L13	0.1932648	0.2110045	0.9159	0.36	0.221550206	count	1
CRYBG2	0.1950274	0.3675389	0.5306	0.596	0.221691853	count	1
6-Mar	0.1658252	0.1165719	1.4225	0.155	0.221854606	count	1
CHMP1A	0.1705508	0.1511014	1.1287	0.259	0.2220175	count	1
ZNF212	1.022541	0.499378	2.0476	0.0407	0.222085915	count	1
AC116366.1	0.3155884	0.4597021	0.6865	0.492	0.222178338	count	1
AP002360.1	0.2199648	0.3229973	0.681	0.496	0.22217859	count	1
LRRC1	0.4679489	0.6155716	0.7602	0.447	0.222321526	count	1
CYB5B	0.1629942	0.1273405	1.28	0.201	0.222762639	count	1
AC103724.4	0.2020686	0.3677208	0.5495	0.583	0.223021952	count	1
AFMID	0.6155743	0.5792928	1.0626	0.288	0.223303572	count	1
MAU2	0.2047378	0.2254868	0.908	0.364	0.223375721	count	1
CYREN	0.1933694	0.2087176	0.9265	0.354	0.223435404	count	1
TSPAN14	0.1626331	0.121165	1.3422	0.18	0.223685851	count	1
MAN1A2	0.1631226	0.1190359	1.3704	0.171	0.223692561	count	1
AC034236.2	0.2539831	0.5609446	0.4528	0.651	0.223729803	count	1
AL390728.5	0.3177755	0.7424223	0.428	0.669	0.223766464	count	1
ZNF226	0.1746262	0.1822104	0.9584	0.338	0.223979273	count	1
GOLGA7	0.159485	0.0882193	1.8078	0.0707	0.224154642	count	1
MRPS17	0.2456553	0.3744017	0.6561	0.512	0.224187931	count	1
TIMM23B	0.2657194	0.2795647	0.9505	0.342	0.224592354	count	1
DOHH	0.1714751	0.1986574	0.8632	0.388	0.22459567	count	1
MIF	0.1581236	0.0579825	2.7271	0.00642	0.224788718	count	1
ZNF649	0.2463186	0.2791948	0.8822	0.378	0.224804342	count	1
HVCN1	0.2148226	0.3465209	0.6199	0.535	0.22484822	count	1
TMEM131L	0.1799073	0.1707216	1.0538	0.292	0.22484908	count	1
PTBP2	0.1978285	0.2566469	0.7708	0.441	0.224903754	count	1
MEIS3	0.2795933	0.5232689	0.5343	0.593	0.224979506	count	1
ZNF141	0.1840098	0.1897864	0.9696	0.332	0.224994772	count	1
ASB6	0.1998161	0.2204771	0.9063	0.365	0.225110326	count	1
DOCK11	0.1682236	0.1256708	1.3386	0.181	0.225456852	count	1
KANTR	0.4748605	0.4708423	1.0085	0.313	0.22578482	count	1
AP000894.4	0.4749546	0.6651888	0.714	0.475	0.225831993	count	1
ADAM22	0.4749546	0.7259314	0.6543	0.513	0.225831993	count	1
MTA3	0.2341351	0.2793758	0.8381	0.402	0.226288566	count	1
AC093462.1	0.3528987	0.4832567	0.7303	0.465	0.226313623	count	1
GNPTG	0.1645654	0.126165	1.3044	0.192	0.22650431	count	1
ORC3	0.171458	0.169478	1.0117	0.312	0.226631268	count	1
LIPE-AS1	0.2409187	0.500908	0.481	0.631	0.226726626	count	1
PHTF1	0.1900259	0.1839135	1.0332	0.302	0.226825784	count	1
SULT2B1	0.4006357	0.7564427	0.5296	0.596	0.226899562	count	1
C15orf41	0.4007488	0.425253	0.9424	0.346	0.226966442	count	1

HELQ	0.1751114	0.1709858	1.0241	0.306	0.227211265	count	1
NCAPH2	0.2297153	0.2356547	0.9748	0.33	0.227308441	count	1
LAT2	0.1968163	0.3296095	0.5971	0.55	0.227450739	count	1
APOO	0.1941328	0.2045195	0.9492	0.343	0.22755854	count	1
BCL2A1	0.1639075	0.1220991	1.3424	0.18	0.227703211	count	1
RAB22A	0.1645545	0.1114131	1.477	0.14	0.227720664	count	1
PPP2R1A	0.1653117	0.1108537	1.4913	0.136	0.227760695	count	1
ACOT4	0.2302288	0.3912317	0.5885	0.556	0.227824045	count	1
VSIG8	0.3554044	0.7430064	0.4783	0.632	0.227980062	count	1
RORA-AS1	0.3554044	0.7878242	0.4511	0.652	0.227980062	count	1
PMS1	0.1712718	0.1808348	0.9471	0.344	0.228099719	count	1
AL358472.4	0.4797589	0.6475588	0.7409	0.459	0.228241646	count	1
CCDC157	0.6283611	0.4873229	1.2894	0.197	0.228267702	count	1
ACAD11	1.0496453	1.026644	1.0224	0.307	0.228404244	count	1
UHRF1BP1	0.2837965	0.4640883	0.6115	0.541	0.228445415	count	1
TMCC1	0.2049984	0.2997815	0.6838	0.494	0.228728224	count	1
DZANK1	0.2842279	0.4164779	0.6825	0.495	0.22880126	count	1
C16orf70	0.2367701	0.3422971	0.6917	0.489	0.228875666	count	1
CREB3L2	0.1850038	0.2147386	0.8615	0.389	0.228900538	count	1
GPLD1	0.324964	0.8651271	0.3756	0.707	0.228990163	count	1
FASTKD5	0.2268242	0.2489038	0.9113	0.362	0.229203496	count	1
ENTPD6	0.2055642	0.2754279	0.7463	0.456	0.229365597	count	1
SLC39A9	0.271293	0.3838555	0.7068	0.48	0.229408573	count	1
ACTL10	0.357656	0.5197958	0.6881	0.491	0.229478081	count	1
SCAANT1	0.4050299	0.7360811	0.5503	0.582	0.229498977	count	1
TMEM150A	0.2082282	0.3404631	0.6116	0.541	0.229889075	count	1
CD53	0.1602469	0.0449943	3.5615	0.000374	0.229920884	count	1
RPL22	0.1597183	0.0242	6.5999	4.75E-11	0.230039417	count	1.15E-06
ZCCHC17	0.1655305	0.1110249	1.4909	0.136	0.230060537	count	1
PAPOLG	0.1976933	0.1942896	1.0175	0.309	0.230167542	count	1
DPF2	0.176518	0.1532874	1.1515	0.25	0.230181735	count	1
HIST1H3B	0.6345952	0.9132613	0.6949	0.487	0.230690741	count	1
AC009065.4	0.4847135	0.8253815	0.5873	0.557	0.230728592	count	1
F8A1	0.168361	0.1252891	1.3438	0.179	0.230888716	count	1
PPFIBP2	0.6355534	0.6683034	0.951	0.342	0.231063346	count	1
ASB1	0.1874875	0.2254111	0.8318	0.406	0.231125355	count	1
GIGYF1	0.1798375	0.1664695	1.0803	0.28	0.231174786	count	1
CPT1A	0.1792625	0.2077562	0.8628	0.388	0.231349332	count	1
FZR1	0.2211279	0.2169454	1.0193	0.308	0.231529939	count	1
AEBP2	0.1800017	0.130583	1.3784	0.168	0.231854523	count	1
MRPL44	0.1808748	0.1876689	0.9638	0.335	0.232027632	count	1
PPP1R15A	0.1619897	0.0497539	3.2558	0.00114	0.232036638	count	1
FAIM	0.2079404	0.2767322	0.7514	0.452	0.232042685	count	1
DNASE1L2	1.0671373	1.0350485	1.031	0.303	0.232479053	count	1
AP000845.1	1.0671373	1.154511	0.9243	0.355	0.232479053	count	1

EIF4EBP3	1.0671373	1.292699	0.8255	0.409	0.232479053	count	1
HCG25	1.0671373	1.292699	0.8255	0.409	0.232479053	count	1
MTURN	0.1947808	0.2411326	0.8078	0.419	0.232541209	count	1
SLC25A12	0.2107031	0.2274294	0.9265	0.354	0.232649239	count	1
SPN	0.1665939	0.100702	1.6543	0.0982	0.232702661	count	1
AC008440.2	1.0685188	0.986138	1.0835	0.279	0.232800788	count	1
P2RX7	0.2409442	0.4025827	0.5985	0.55	0.232975462	count	1
C20orf27	0.1730226	0.1637387	1.0567	0.291	0.232995216	count	1
ABLIM2	0.6410546	0.9563531	0.6703	0.503	0.233203367	count	1
AL627309.1	0.6410546	1.065743	0.6015	0.548	0.233203367	count	1
KIF9	0.2163648	0.3747097	0.5774	0.564	0.233214518	count	1
AF117829.1	0.3633597	0.5218156	0.6963	0.486	0.233275246	count	1
TLL12	0.641413	0.5420857	1.1832	0.237	0.233342823	count	1
TMEM185B	0.2308649	0.3293907	0.7009	0.483	0.233344021	count	1
CDAN1	0.2647404	0.4624963	0.5724	0.567	0.233400991	count	1
MTR	0.2232186	0.1973814	1.1309	0.258	0.233746336	count	1
INO80C	0.1877031	0.1777054	1.0563	0.291	0.233882071	count	1
PI4KA	0.3643158	0.3015617	1.2081	0.227	0.233912093	count	1
USE1	0.1777394	0.1352479	1.3142	0.189	0.234095629	count	1
FOXRED1	0.2655634	0.3243551	0.8187	0.413	0.234141447	count	1
AC021054.1	0.2656194	0.3998324	0.6643	0.507	0.234191832	count	1
PTPDC1	0.4922575	0.5851279	0.8413	0.4	0.234518938	count	1
CNIH3	0.4137691	0.5927866	0.698	0.485	0.234674207	count	1
AARSD1	0.2776661	0.2731615	1.0165	0.309	0.234920081	count	1
TMEM241	0.6459038	0.8841578	0.7305	0.465	0.235090904	count	1
PLEKHG3	0.20878	0.2767574	0.7544	0.451	0.235304334	count	1
PABPC1L	0.3339768	0.5536195	0.6033	0.546	0.235547693	count	1
TMEM106C	0.1770199	0.1542246	1.1478	0.251	0.235776905	count	1
HACD1	0.3106007	0.4622497	0.6719	0.502	0.235781019	count	1
FBXL14	0.4951706	0.5188702	0.9543	0.34	0.235983747	count	1
TLNRD1	0.1812464	0.173316	1.0458	0.296	0.23599245	count	1
AC093010.2	0.2137022	0.2392581	0.8932	0.372	0.235994779	count	1
GSTM3	0.495379	0.2099172	2.3599	0.0183	0.236088574	count	1
ARRDC2	0.1830586	0.1507001	1.2147	0.225	0.236268194	count	1
PRRG2	0.2294961	0.2850755	0.805	0.421	0.236361236	count	1
PGPEP1	0.209744	0.2214372	0.9472	0.344	0.236401042	count	1
SPIN2B	0.2259373	0.2852027	0.7922	0.428	0.236629145	count	1
MRM2	0.1926815	0.2247302	0.8574	0.391	0.236636092	count	1
RABL6	0.1767748	0.1310382	1.349	0.177	0.236747775	count	1
ECE1	0.1994587	0.2177797	0.9159	0.36	0.236805994	count	1
THAP2	0.1895868	0.1941523	0.9765	0.329	0.23701058	count	1
DDX41	0.1946321	0.2088043	0.9321	0.351	0.237033019	count	1
IDE	0.2022462	0.2509196	0.806	0.42	0.237143558	count	1
DCAF1	0.2397452	0.2775984	0.8636	0.388	0.237384613	count	1
GLIPR1	0.1675257	0.0646327	2.592	0.00958	0.237401489	count	1

PUF60	0.1686212	0.0796384	2.1173	0.0343	0.237402243	count	1
POLG	0.2522903	0.2576297	0.9793	0.328	0.237617073	count	1
AL137802.2	0.4190782	0.5427642	0.7721	0.44	0.237821707	count	1
ARRB1	0.2696769	0.3230591	0.8348	0.404	0.237843532	count	1
MPZL3	0.1833602	0.1688073	1.0862	0.277	0.2379556	count	1
MRPS35	0.1724253	0.1276627	1.3506	0.177	0.238023241	count	1
SELENOI	0.2608712	0.2395517	1.089	0.276	0.238340738	count	1
ZNF830	0.1820385	0.1413219	1.2881	0.198	0.238480097	count	1
CHAC1	1.0936224	0.9280015	1.1785	0.239	0.238643104	count	1
RFPL1S	0.5006674	0.9486386	0.5278	0.598	0.238749489	count	1
MMP11	0.5006674	0.9530332	0.5253	0.599	0.238749489	count	1
YIPF4	0.186526	0.1373614	1.3579	0.175	0.238790059	count	1
PIP4P1	0.1739502	0.1121776	1.5507	0.121	0.238933255	count	1
TTC32	0.1765291	0.1572188	1.1228	0.262	0.23901394	count	1
MAST2	0.421118	0.6224239	0.6766	0.499	0.239031698	count	1
PCCB	0.2039148	0.2624847	0.7769	0.437	0.239115449	count	1
IGSF9B	0.6566277	1.076327	0.6101	0.542	0.239268911	count	1
AL136961.1	0.6566277	1.076327	0.6101	0.542	0.239268911	count	1
BRSK1	0.6566277	1.076327	0.6101	0.542	0.239268911	count	1
EPHB4	0.6566277	1.2255571	0.5358	0.592	0.239268911	count	1
HPS6	0.214476	0.2877615	0.7453	0.456	0.239408475	count	1
RPL17	0.1698152	0.0704761	2.4095	0.016	0.2394352	count	1
DYM	0.1944706	0.2022753	0.9614	0.336	0.239784331	count	1
RAP1B	0.1673909	0.0447086	3.744	0.000184	0.239838766	count	1
AC022087.1	0.6581179	0.7439199	0.8847	0.376	0.239849888	count	1
ZNF256	0.2258023	0.3913231	0.577	0.564	0.240139231	count	1
AC133550.2	0.3161908	0.5053679	0.6257	0.532	0.240146494	count	1
ANKRD26	0.2079175	0.2079395	0.9999	0.317	0.240389311	count	1
TSPYL2	0.1726651	0.0733286	2.3547	0.0186	0.240429426	count	1
GABARAPL1	0.1727573	0.0870281	1.9851	0.0472	0.240650044	count	1
SC5D	0.1963069	0.1121418	1.7505	0.0801	0.241115397	count	1
MYO1G	0.1755293	0.1099092	1.597	0.11	0.241194932	count	1
CES2	0.2269759	0.3368161	0.6739	0.5	0.24140244	count	1
YPEL5	0.1688789	0.0513835	3.2866	0.001	0.241412085	count	1
TAF6L	0.2105383	0.315314	0.6677	0.504	0.24152863	count	1
TRAF3IP1	0.2344776	0.2916064	0.8041	0.421	0.241561325	count	1
RGL2	0.2093387	0.2108116	0.993	0.321	0.242046462	count	1
ACVR1B	0.3765988	0.5731087	0.6571	0.511	0.242102142	count	1
MIR4422HG	0.3430909	0.7632363	0.4495	0.653	0.242188087	count	1
C14orf93	0.2351563	0.4028654	0.5837	0.559	0.24227	count	1
HAUS4	0.2572308	0.4104178	0.6268	0.531	0.24235299	count	1
C18orf21	0.1831809	0.1621364	1.1298	0.259	0.242457746	count	1
BPNT1	0.2155875	0.2579359	0.8358	0.403	0.243050707	count	1
NIPAL2	0.6668695	0.6241691	1.0684	0.285	0.243263854	count	1
HSDL1	0.2228867	0.3481591	0.6402	0.522	0.24339717	count	1

KLF2	0.1690459	0.0437749	3.8617	0.000115	0.243462867	count	1
AL133338.1	0.6674347	0.5657726	1.1797	0.238	0.243484458	count	1
RAB29	0.1765646	0.1186648	1.4879	0.137	0.243672944	count	1
CYB5D2	0.2233117	0.2544677	0.8776	0.38	0.243866387	count	1
SUN2	0.1739304	0.0848308	2.0503	0.0404	0.244097958	count	1
SNRNP40	0.1743126	0.1038858	1.6779	0.0935	0.244142667	count	1
METTL17	0.18963	0.1657033	1.1444	0.253	0.24430884	count	1
ZNF333	0.3460685	0.3790603	0.913	0.361	0.244359474	count	1
PHB	0.1741159	0.0881125	1.9761	0.0482	0.244443488	count	1
TRAV8-4	1.118681	1.004871	1.1133	0.266	0.24446708	count	1
CDPF1	0.2373241	0.2903236	0.8174	0.414	0.244533853	count	1
RABGGTA	0.1919796	0.1937806	0.9907	0.322	0.244679594	count	1
RFT1	0.2241613	0.2703732	0.8291	0.407	0.244804423	count	1
OPRM1	0.6711602	0.6639491	1.0109	0.312	0.244938699	count	1
PPIE	0.1797478	0.1247441	1.4409	0.15	0.245009826	count	1
PIP4K2A	0.1725109	0.0630261	2.7371	0.00623	0.245203052	count	1
RABGGTB	0.1807944	0.1176672	1.5365	0.125	0.245245574	count	1
ZNF227	0.3472854	0.267404	1.2987	0.194	0.245247239	count	1
ABR	0.2091053	0.2405334	0.8693	0.385	0.245250774	count	1
JMJD8	0.1894178	0.1551599	1.2208	0.222	0.245415902	count	1
ARHGAP5	0.2015385	0.1215587	1.658	0.0974	0.245498412	count	1
CASP10	0.2249058	0.2949582	0.7625	0.446	0.245626484	count	1
TGFB1	0.1910874	0.2215623	0.8625	0.388	0.245698708	count	1
ENO2	0.1904199	0.1651704	1.1529	0.249	0.245808736	count	1
TXK	0.2036885	0.1610269	1.2649	0.206	0.245817295	count	1
TM2D2	0.1869492	0.1770649	1.0558	0.291	0.245947661	count	1
CTNNBIP1	0.1891822	0.1849657	1.0228	0.306	0.245959146	count	1
ZKSCAN4	0.6741067	0.4909954	1.3729	0.17	0.246089404	count	1
ZNF721	0.1842368	0.1292078	1.4259	0.154	0.246116355	count	1
PRH1	0.1896614	0.1716998	1.1046	0.269	0.246165283	count	1
AC022211.2	0.3239886	0.6729109	0.4815	0.63	0.246241876	count	1
METTL13	0.254737	0.2827632	0.9009	0.368	0.246536159	count	1
NEMF	0.1777525	0.1011449	1.7574	0.0789	0.24662795	count	1
CYB561D2	0.1781245	0.112922	1.5774	0.115	0.24672119	count	1
YPEL3	0.1730075	0.061896	2.7951	0.00522	0.24676104	count	1
WDR7	0.4345833	0.3797913	1.1443	0.253	0.247028809	count	1
GPR108	0.1789752	0.1150318	1.5559	0.12	0.247225492	count	1
NPRL2	0.1840238	0.1548486	1.1884	0.235	0.247287331	count	1
ATAD3B	0.2709153	0.332575	0.8146	0.415	0.247697309	count	1
GINS3	0.3507412	0.4295772	0.8165	0.414	0.24776892	count	1
CDT1	0.5193386	0.5637906	0.9212	0.357	0.248160612	count	1
SNX8	0.216557	0.3417624	0.6336	0.526	0.248495644	count	1
HDAC10	0.2304103	0.248669	0.9266	0.354	0.248532792	count	1
ENOSF1	0.1965342	0.1701515	1.1551	0.248	0.248623797	count	1
AC044802.2	0.3522262	0.7195787	0.4895	0.625	0.248852942	count	1

AC127024.5	0.5207712	0.7348604	0.7087	0.479	0.248883752	count	1
C2CD2L	0.2941698	0.3172534	0.9272	0.354	0.249214155	count	1
AAMDC	0.1885269	0.2082655	0.9052	0.365	0.249267024	count	1
TPRA1	0.1897738	0.2056336	0.9229	0.356	0.249343895	count	1
ZNF395	0.4385352	0.4657294	0.9416	0.346	0.249378983	count	1
PHKG2	0.1898481	0.1498721	1.2667	0.205	0.249441858	count	1
ZNF518B	0.2265329	0.226139	1.0017	0.317	0.250316779	count	1
ADO	0.2037534	0.2209078	0.9223	0.356	0.250318468	count	1
HUS1B	0.3104762	0.3899372	0.7962	0.426	0.250492594	count	1
CEACAM1	0.6856421	0.4626929	1.4819	0.138	0.250597411	count	1
JMJD4	0.218575	0.2501224	0.8739	0.382	0.250832261	count	1
VPS53	0.2050466	0.1965165	1.0434	0.297	0.250883286	count	1
MTFR1	0.2662282	0.3440975	0.7737	0.439	0.250984619	count	1
CD226	0.1838873	0.1085371	1.6942	0.0903	0.251028369	count	1
ZNF236-DT	0.3899848	0.6837518	0.5704	0.568	0.251045182	count	1
MFSD1	0.1899696	0.1746943	1.0874	0.277	0.251180777	count	1
MSC	0.1997736	0.2908038	0.687	0.492	0.251336969	count	1
AC004918.1	0.2537751	0.3511011	0.7228	0.47	0.251497075	count	1
CCDC84	0.2064847	0.1738596	1.1877	0.235	0.251563084	count	1
ERCC5	0.2277868	0.3071316	0.7417	0.458	0.251717205	count	1
LAX1	0.19342	0.1648059	1.1736	0.241	0.252307153	count	1
IL2RG	0.1760629	0.04553	3.867	0.000112	0.25246812	count	1
SESTD1	0.3573562	0.5077082	0.7039	0.482	0.252599536	count	1
ZNF442	0.5281581	1.206944	0.4376	0.662	0.252614712	count	1
AC008074.3	0.4443876	0.6300033	0.7054	0.481	0.252861893	count	1
ACVR2B	1.1551136	0.5292918	2.1824	0.0292	0.252916914	count	1
LGR6	0.268532	0.4280607	0.6273	0.53	0.253196163	count	1
CRYZL1	0.1924178	0.1816887	1.0591	0.29	0.253495237	count	1
RNF121	0.2383241	0.2794054	0.853	0.394	0.253623874	count	1
LINC02328	0.2463353	0.3398491	0.7248	0.469	0.253949343	count	1
DMWD	0.2116043	0.2388181	0.886	0.376	0.25414166	count	1
ADK	0.1918682	0.155015	1.2377	0.216	0.254280848	count	1
SNN	0.2088356	0.1970178	1.06	0.289	0.254446153	count	1
FES	0.269846	0.6271645	0.4303	0.667	0.254457818	count	1
FBX07	0.1831027	0.0964385	1.8986	0.0577	0.254462564	count	1
FAM32A	0.1820276	0.1038034	1.7536	0.0796	0.254485507	count	1
AC025171.3	0.2391312	0.2594496	0.9217	0.357	0.254493542	count	1
DEGS1	0.1830358	0.0936374	1.9547	0.0507	0.254584321	count	1
NEFL	0.3006164	0.5208499	0.5772	0.564	0.254805892	count	1
TRRAP	0.2634222	0.2528768	1.0417	0.298	0.255085588	count	1
ZNF500	0.3163341	0.3816846	0.8288	0.407	0.255344035	count	1
PNPLA4	0.2791442	0.379171	0.7362	0.462	0.255371152	count	1
NPHP4	0.4486493	0.7586774	0.5914	0.554	0.255400035	count	1
EBLN3P	0.1885006	0.1138655	1.6555	0.0979	0.255418532	count	1
CIAO1	0.1927598	0.1335671	1.4432	0.149	0.25546628	count	1

FUCA2	0.2311944	0.2817779	0.8205	0.412	0.255523703	count	1
WDR5	0.2525367	0.3142041	0.8037	0.422	0.255580042	count	1
GANAB	0.2050678	0.2065718	0.9927	0.321	0.255643246	count	1
AC007613.1	0.2894427	0.4326105	0.6691	0.504	0.255658861	count	1
CEP63	0.1898182	0.1602012	1.1849	0.236	0.255856345	count	1
LCORL	0.216733	0.223985	0.9676	0.333	0.255918204	count	1
RIPK3	0.2155084	0.283538	0.7601	0.447	0.25600933	count	1
PIP5K1A	0.2534104	0.2622441	0.9663	0.334	0.256477487	count	1
AC026471.1	0.290358	0.405304	0.7164	0.474	0.256484879	count	1
AC055822.1	0.5358966	0.7069358	0.7581	0.448	0.256527315	count	1
MAPK8	0.2446976	0.2422225	1.0102	0.312	0.25654169	count	1
CLCN5	0.700839	1.05296	0.6656	0.506	0.256543988	count	1
AP001505.1	1.1712812	0.9345901	1.2533	0.21	0.256658739	count	1
TRGV4	0.22989	0.4502634	0.5106	0.61	0.256795263	count	1
NDRG3	0.2107939	0.2012034	1.0477	0.295	0.256848027	count	1
DDX28	0.2450643	0.3411443	0.7184	0.473	0.256931243	count	1
CCDC174	0.1857808	0.1092707	1.7002	0.0892	0.257072618	count	1
RASL11A	0.2539977	0.3509981	0.7236	0.469	0.257080789	count	1
AVEN	0.2222481	0.2282283	0.9738	0.33	0.257106458	count	1
MARK2	0.1954079	0.1643207	1.1892	0.234	0.257115201	count	1
C7orf43	0.2260897	0.2496643	0.9056	0.365	0.257347092	count	1
ARSG	0.2596095	0.3128609	0.8298	0.407	0.257371799	count	1
ARIH1	0.2051936	0.1365737	1.5024	0.133	0.257427507	count	1
PIGB	0.2455549	0.3686562	0.6661	0.505	0.257452457	count	1
AFG3L2	0.2107383	0.1628476	1.2941	0.196	0.257892655	count	1
DCTD	0.1911202	0.1536715	1.2437	0.214	0.25797633	count	1
TMEM107	0.1931801	0.1316278	1.4676	0.142	0.258098616	count	1
RELB	0.1930711	0.121222	1.5927	0.111	0.258412757	count	1
SCIMP	0.453721	0.8889189	0.5104	0.61	0.258422624	count	1
PIGX	0.2023665	0.1975705	1.0243	0.306	0.258583339	count	1
GSTP1	0.1803912	0.0559496	3.2242	0.00128	0.258587842	count	1
LINC01126	0.7066026	0.3305297	2.1378	0.0326	0.258801601	count	1
LRRRC8C-DT	0.4017789	0.425257	0.9448	0.345	0.258939413	count	1
TFSM	0.1901504	0.136314	1.3949	0.163	0.258958395	count	1
PRR14	0.195083	0.1647539	1.1841	0.236	0.259117091	count	1
ZBTB49	0.2401567	0.2636339	0.9109	0.362	0.259173175	count	1
RAB24	0.4022613	0.4874872	0.8252	0.409	0.25926258	count	1
RASSF7	0.1909407	0.1387518	1.3761	0.169	0.25962546	count	1
LINC02256	0.2753724	0.3828444	0.7193	0.472	0.259765934	count	1
AC008966.1	0.3217904	0.6694465	0.4807	0.631	0.259866224	count	1
NRG2	0.5425451	0.4613115	1.1761	0.24	0.259892029	count	1
RPS6KA4	0.2326992	0.2627307	0.8857	0.376	0.259966225	count	1
HSH2D	0.1960383	0.1768046	1.1088	0.268	0.260111247	count	1
GOLGA8R	0.2685651	0.6069508	0.4425	0.658	0.260151786	count	1
AMIGO1	0.4579309	0.5511985	0.8308	0.406	0.260933276	count	1

NAP1L3	0.4048276	0.5141736	0.7873	0.431	0.260982203	count	1
CD274	0.4048276	0.5208403	0.7773	0.437	0.260982203	count	1
MYO19	0.2337135	0.3168468	0.7376	0.461	0.261111306	count	1
MSRB3	1.1910189	0.8327822	1.4302	0.153	0.261219317	count	1
C6orf226	0.1968523	0.1728884	1.1386	0.255	0.261474641	count	1
AC026801.2	0.7137402	0.9486698	0.7524	0.452	0.261598818	count	1
GXYLT1	0.2098523	0.1921233	1.0923	0.275	0.261642252	count	1
PRKCD	0.2774304	0.3046282	0.9107	0.363	0.261743472	count	1
ILF3-DT	0.189167	0.1201836	1.574	0.116	0.262106514	count	1
NR3C1	0.1859424	0.0670414	2.7735	0.00558	0.262108147	count	1
GDPD5	0.4607479	0.3446708	1.3368	0.181	0.26261409	count	1
OSER1-DT	0.233125	0.3020294	0.7719	0.44	0.263025073	count	1
ZNF71	0.2598232	0.3650089	0.7118	0.477	0.26306687	count	1
NEK8	0.4085878	0.4836629	0.8448	0.398	0.263502965	count	1
CPT2	0.2723806	0.3790704	0.7185	0.472	0.263912142	count	1
RALGDS	0.2080174	0.156011	1.3334	0.183	0.263916109	count	1
NOB1	0.2001507	0.1390387	1.4395	0.15	0.264050608	count	1
CRAT	0.2725529	0.3581078	0.7611	0.447	0.264081987	count	1
ZNF607	0.7211893	0.6236788	1.1563	0.248	0.264520126	count	1
HDAC6	0.3119173	0.3096166	1.0074	0.314	0.264619126	count	1
PRRT1	0.7216462	0.675872	1.0677	0.286	0.264699257	count	1
IL10RA	0.1883163	0.0663249	2.8393	0.00455	0.265228934	count	1
PHETA2	1.2086648	0.8877965	1.3614	0.173	0.265288873	count	1
MORN4	1.2086648	1.000707	1.2078	0.227	0.265288873	count	1
HACE1	0.4653799	0.3591175	1.2959	0.195	0.265379276	count	1
CLASRP	0.2221493	0.226507	0.9808	0.327	0.265470254	count	1
BAHD1	0.4124924	0.3390988	1.2164	0.224	0.26612195	count	1
SLC2A6	0.3293344	0.4987278	0.6603	0.509	0.26612396	count	1
AC099778.1	0.4125294	0.3743406	1.102	0.271	0.266146764	count	1
AC005523.2	0.2581173	0.3385538	0.7624	0.446	0.266271898	count	1
CREB3L4	0.2473883	0.3849352	0.6427	0.52	0.267073654	count	1
ANO6	0.220196	0.2172033	1.0138	0.311	0.267164655	count	1
POLL	0.2309978	0.2417606	0.9555	0.339	0.267321194	count	1
SMIM4	0.2082918	0.1984294	1.0497	0.294	0.267364908	count	1
SEPSECS	0.3513019	0.4176291	0.8412	0.4	0.267644153	count	1
THOC5	0.2371893	0.2527124	0.9386	0.348	0.267657762	count	1
ZNF512	0.3155223	0.4283682	0.7366	0.461	0.267752429	count	1
PIP5K1B	0.5580796	0.9070773	0.6153	0.538	0.267765132	count	1
PPP1R10	0.1885191	0.0624171	3.0203	0.00254	0.267857364	count	1
SIK1	0.469611	0.4163395	1.128	0.259	0.267906694	count	1
AL356488.3	0.4698787	0.5948055	0.79	0.43	0.268066648	count	1
MTERF3	0.2150811	0.2111408	1.0187	0.308	0.26819986	count	1
JUNB	0.1863197	0.0321577	5.7939	7.50E-09	0.268496389	count	0.000181373
RETSAT	0.3792704	0.4862186	0.78	0.435	0.268634768	count	1
UNKL	0.2772178	0.2914635	0.9511	0.342	0.268681553	count	1

GTF2IRD2	0.4713556	0.4175195	1.1289	0.259	0.26894924	count	1
PRDM5	1.2262026	1.232262	0.9951	0.32	0.269325712	count	1
BX322234.1	1.2262026	1.232262	0.9951	0.32	0.269325712	count	1
AC022306.2	1.2262026	1.232262	0.9951	0.32	0.269325712	count	1
BIN2	0.1891362	0.0610605	3.0975	0.00197	0.269399575	count	1
RNF123	0.2660121	0.3763995	0.7067	0.48	0.269430012	count	1
MED23	0.2147458	0.1748395	1.2282	0.219	0.269479089	count	1
ATG16L2	0.2126175	0.1652993	1.2863	0.198	0.269782522	count	1
SPHK1	0.5621109	0.6034413	0.9315	0.352	0.26981075	count	1
MTFMT	0.2195733	0.2206958	0.9949	0.32	0.269881794	count	1
LETM2	0.239522	0.2380224	1.0063	0.314	0.270317293	count	1
ZBTB40	0.250433	0.2486874	1.007	0.314	0.270401365	count	1
TMEM182	0.5635461	0.5001844	1.1267	0.26	0.270539274	count	1
INCENP	0.2794521	0.5093325	0.5487	0.583	0.270885339	count	1
CLASP2	0.2626257	0.250443	1.0486	0.294	0.270990663	count	1
AL590705.1	0.4748192	0.6393996	0.7426	0.458	0.271019766	count	1
GSTA4	0.4748192	0.6746041	0.7038	0.482	0.271019766	count	1
ANAPC13	0.2116015	0.1484916	1.425	0.154	0.271047738	count	1
AC108673.3	0.2960889	0.3733005	0.7932	0.428	0.271195582	count	1
COQ8B	0.2208245	0.2502329	0.8825	0.378	0.271429726	count	1
POMC	0.2088854	0.2063301	1.0124	0.311	0.271683326	count	1
AARS2	0.356643	0.5678746	0.628	0.53	0.271838518	count	1
DGAT1	0.2145111	0.1999586	1.0728	0.283	0.272197715	count	1
TGDS	0.2074345	0.2057006	1.0084	0.313	0.272263136	count	1
NAA40	0.3078989	0.389754	0.79	0.43	0.272332014	count	1
TRIM16L	0.4223261	0.6924864	0.6099	0.542	0.2727241	count	1
AC006449.6	0.2144005	0.257557	0.8324	0.405	0.272740799	count	1
LINC02132	0.3849797	0.5556496	0.6928	0.488	0.272820349	count	1
MYPOP	0.2346806	0.303168	0.7741	0.439	0.273624949	count	1
RUFY2	0.2180829	0.206281	1.0572	0.29	0.273690552	count	1
FBXO38	0.3097327	0.2701875	1.1464	0.252	0.273990602	count	1
ARNT	0.265593	0.2952186	0.8996	0.368	0.27409746	count	1
CSF1	0.2238955	0.231764	0.966	0.334	0.274103699	count	1
ZNF77	0.245221	0.3979029	0.6163	0.538	0.274108522	count	1
CCDC127	0.2249151	0.2198525	1.023	0.306	0.27417514	count	1
EML3	0.2574448	0.3205635	0.8031	0.422	0.274243018	count	1
HINT3	0.2271306	0.2867503	0.7921	0.428	0.274319605	count	1
AC099850.1	0.3870321	0.7343609	0.527	0.598	0.274325773	count	1
SCCPDH	0.2261232	0.2295322	0.9851	0.325	0.274407748	count	1
TMEM25	0.2995379	0.3592458	0.8338	0.404	0.27442021	count	1
NISCH	0.2509902	0.2640124	0.9507	0.342	0.274459372	count	1
ZNF624	0.3233936	0.4548229	0.711	0.477	0.27459854	count	1
ZNF567	0.211181	0.164078	1.2871	0.198	0.27468154	count	1
ILVBL	0.2373601	0.2553045	0.9297	0.353	0.274752463	count	1
REXO4	0.2083979	0.1648739	1.264	0.206	0.274969987	count	1

FAM98B	0.2376008	0.2339946	1.0154	0.31	0.27503366	count	1
AC011445.2	0.4818941	0.7085824	0.6801	0.496	0.275252117	count	1
MAP3K7CL	0.2583891	0.4440964	0.5818	0.561	0.275262182	count	1
DAZAP2	0.1935704	0.0610104	3.1727	0.00152	0.275332974	count	1
TGFA	0.5731258	0.7274264	0.7879	0.431	0.2754052	count	1
EDDM13	0.3887179	0.6164534	0.6306	0.528	0.275562621	count	1
LRP5L	0.2842483	0.5306871	0.5356	0.592	0.275617706	count	1
DTD2	0.4269253	0.4832829	0.8834	0.377	0.275814965	count	1
ZNF776	0.5739995	0.5638135	1.0181	0.309	0.275849277	count	1
FGD5-AS1	0.2047291	0.1244973	1.6444	0.1	0.276394921	count	1
TATDN2	0.259465	0.3071627	0.8447	0.398	0.276423476	count	1
AK2	0.2074509	0.157199	1.3197	0.187	0.27644074	count	1
CEP120	0.3020708	0.2317433	1.3035	0.193	0.276789109	count	1
AL592295.4	0.3021215	0.7908756	0.382	0.702	0.276836535	count	1
FXD7	0.2734216	0.2524929	1.0829	0.279	0.277052971	count	1
FBLN5	0.2360746	0.2250158	1.0491	0.294	0.277161914	count	1
NOG	0.7545937	0.62094	1.2152	0.224	0.277640579	count	1
AC092683.1	0.2570621	0.1848178	1.3909	0.164	0.277649475	count	1
ABCF2	0.2690416	0.3156586	0.8523	0.394	0.277709213	count	1
NEMP1	0.7551415	0.4424979	1.7065	0.088	0.277856079	count	1
GUSB	0.2080394	0.1427537	1.4573	0.145	0.278013231	count	1
CCNT2-AS1	0.5788952	0.7749329	0.747	0.455	0.278338378	count	1
PILRB	0.2218554	0.1610515	1.3775	0.168	0.278452227	count	1
SLC46A3	0.2518116	0.2727301	0.9233	0.356	0.278575676	count	1
SYNE1	0.2007514	0.0973752	2.0616	0.0393	0.278780473	count	1
ASB16-AS1	0.2469841	0.2255583	1.095	0.274	0.278827835	count	1
ZNF232	0.4314913	0.4057353	1.0635	0.288	0.27888538	count	1
ZNF578	0.3657376	0.5543216	0.6598	0.509	0.278987177	count	1
TRBV18	0.7581936	0.7212029	1.0513	0.293	0.279056407	count	1
UMAD1	0.2160688	0.1854083	1.1654	0.244	0.279070877	count	1
E2F4	0.2021174	0.111063	1.8198	0.0689	0.279329238	count	1
AC084033.3	0.232425	0.2257155	1.0297	0.303	0.2793425	count	1
SLC9A3R1	0.1981391	0.0862905	2.2962	0.0217	0.279452707	count	1
ABHD14A-ACY1	1.2709321	0.9037755	1.4062	0.16	0.279582459	count	1
SNX16	0.2556323	0.3314748	0.7712	0.441	0.279596817	count	1
CCSAP	0.2624816	0.2300114	1.1412	0.254	0.279680048	count	1
ESYT2	0.2125169	0.1430597	1.4855	0.138	0.279712016	count	1
AL139353.1	0.7598776	0.7655127	0.9926	0.321	0.279718835	count	1
AC138894.1	0.7598776	0.8461043	0.8981	0.369	0.279718835	count	1
AC092835.1	0.7598776	0.9322418	0.8151	0.415	0.279718835	count	1
YARS	0.2087885	0.1525837	1.3684	0.171	0.279753588	count	1
COPG1	0.2437816	0.2759601	0.8834	0.377	0.280045848	count	1
AL359265.3	1.2746484	0.9968313	1.2787	0.201	0.280431888	count	1
TMEM259	0.2051698	0.0916396	2.2389	0.0252	0.280656114	count	1
IL17RA	0.2275694	0.1876911	1.2125	0.225	0.280867989	count	1

TRAV26-1	0.4913274	0.6467262	0.7597	0.447	0.280901424	count	1
MFSD9	0.2973969	0.3415202	0.8708	0.384	0.280951843	count	1
SLC38A9	0.3175822	0.3393162	0.9359	0.349	0.281094027	count	1
LTN1	0.2105934	0.1280926	1.6441	0.1	0.281177983	count	1
UEVLD	0.3067733	0.3607553	0.8504	0.395	0.281188847	count	1
BRI3BP	0.2205882	0.2044108	1.0791	0.281	0.28133106	count	1
AC239868.3	0.4922838	0.5718242	0.8609	0.389	0.281474565	count	1
SCP2	0.1986135	0.072131	2.7535	0.00593	0.28162217	count	1
GALT	0.2111308	0.1471771	1.4345	0.152	0.282157293	count	1
C10orf91	0.3979484	0.5983187	0.6651	0.506	0.282339691	count	1
EEPD1	0.2525839	0.2978245	0.8481	0.396	0.282430304	count	1
ZNF362	0.2280452	0.2647965	0.8612	0.389	0.282505228	count	1
PLPP6	0.58725	0.5207027	1.1278	0.259	0.282589424	count	1
VAC14	0.3491781	0.4042053	0.8639	0.388	0.282612627	count	1
VKORC1L1	0.2737452	0.2642447	1.036	0.3	0.282637119	count	1
FAM173A	0.2039607	0.1203237	1.6951	0.0901	0.282708539	count	1
CPSF3	0.231103	0.2128336	1.0858	0.278	0.282988645	count	1
SYNJ2BP	0.2187137	0.1803702	1.2126	0.225	0.283031515	count	1
SLC44A2	0.2191777	0.1790231	1.2243	0.221	0.283104635	count	1
TMEM138	0.2204977	0.1733201	1.2722	0.203	0.283108701	count	1
TRUB1	0.3337027	0.3027705	1.1022	0.27	0.283574607	count	1
TLE1	0.2925214	0.3987765	0.7335	0.463	0.283786017	count	1
DBN1	0.2861122	0.4371009	0.6546	0.513	0.284100341	count	1
IGSF8	0.2077872	0.1379955	1.5058	0.132	0.284118461	count	1
AC091271.1	0.2320489	0.2393448	0.9695	0.332	0.284154922	count	1
SMAGP	0.2330857	0.2577721	0.9042	0.366	0.284206447	count	1
WWC2	0.5906343	0.5450041	1.0837	0.279	0.284312531	count	1
AGPS	0.2601222	0.2143859	1.2133	0.225	0.284567549	count	1
ZBTB42	0.5918261	0.4393612	1.347	0.178	0.284919473	count	1
METTL4	0.2210822	0.1715867	1.2885	0.198	0.285023768	count	1
ZNF43	0.2264809	0.2157762	1.0496	0.294	0.285133158	count	1
ITFG2	0.2414735	0.1982167	1.2182	0.223	0.28538611	count	1
AMOT	0.3525153	0.5838573	0.6038	0.546	0.285389523	count	1
TRIM23	0.2464823	0.2222773	1.1089	0.268	0.285412621	count	1
THAP9-AS1	0.2097024	0.1238512	1.6932	0.0905	0.285501158	count	1
ERMARD	0.2681327	0.3341063	0.8025	0.422	0.285782847	count	1
GPR107	0.3231445	0.3595145	0.8988	0.369	0.286131414	count	1
POLDIP3	0.2337154	0.1969785	1.1865	0.236	0.286209824	count	1
SLC35E3	0.2238793	0.2137196	1.0475	0.295	0.286213284	count	1
AC007448.3	0.2726249	0.3549286	0.7681	0.442	0.286245857	count	1
MEN1	0.3033656	0.3543421	0.8561	0.392	0.286701655	count	1
ZNF764	0.337295	0.2909481	1.1593	0.246	0.286704923	count	1
DNAJC9-AS1	0.777818	0.6927936	1.1227	0.262	0.286780196	count	1
FRY-AS1	0.777818	0.8419439	0.9238	0.356	0.286780196	count	1
KATNAL2	0.777818	0.8419439	0.9238	0.356	0.286780196	count	1

GALNT15	0.777818	0.9436094	0.8243	0.41	0.286780196	count	1
EPB41L4A-DT	0.777818	1.0158164	0.7657	0.444	0.286780196	count	1
AC009093.5	0.777818	1.0158164	0.7657	0.444	0.286780196	count	1
AC091153.2	0.777818	1.0158164	0.7657	0.444	0.286780196	count	1
MFN2	0.3036828	0.3684954	0.8241	0.41	0.287007322	count	1
HCN2	0.7785647	0.51357	1.516	0.13	0.28707438	count	1
TRBV5-1	0.4050299	0.6558284	0.6176	0.537	0.287544432	count	1
LILRB2	0.37675	0.8470632	0.4448	0.657	0.287654269	count	1
PRR12	0.4446818	0.4423305	1.0053	0.315	0.287765716	count	1
PMS2	0.2450342	0.2479936	0.9881	0.323	0.287774966	count	1
CHCHD4	0.2408671	0.2905016	0.8291	0.407	0.288021042	count	1
MCPH1	0.2281553	0.1526583	1.4945	0.135	0.288067861	count	1
VPS26C	0.2288918	0.1720264	1.3306	0.183	0.288185867	count	1
CD3E	0.2004443	0.0323369	6.1986	6.38E-10	0.28819275	count	1.54E-05
CSTF1	0.2310462	0.1862458	1.2405	0.215	0.288231799	count	1
NSMCE3	0.2041122	0.0687624	2.9684	0.00301	0.288271681	count	1
LIPT1	0.2411356	0.2353348	1.0246	0.306	0.288344695	count	1
PAK1IP1	0.2161912	0.1734778	1.2462	0.213	0.28840425	count	1
AC007342.4	0.5041673	0.7869651	0.6406	0.522	0.288601757	count	1
DNAJC28	0.3566157	0.604188	0.5902	0.555	0.288803001	count	1
FAM160A2	0.2582445	0.2366078	1.0914	0.275	0.28883106	count	1
WDR5B	0.4071795	0.5092126	0.7996	0.424	0.289125251	count	1
AL161457.2	0.7844472	0.9494832	0.8262	0.409	0.289391313	count	1
RBM12B	0.327441	0.3035824	1.0786	0.281	0.290024555	count	1
SERINC3	0.212961	0.1041573	2.0446	0.041	0.290531999	count	1
PATZ1	0.2925178	0.2986129	0.9796	0.327	0.29057069	count	1
RNF219	0.2208423	0.1584328	1.3939	0.163	0.290711962	count	1
LMF2	0.21717	0.1461798	1.4856	0.137	0.291500679	count	1
LEF1	0.2119394	0.1037159	2.0435	0.0411	0.29173955	count	1
HOOK1	0.382212	0.2799296	1.3654	0.172	0.291957431	count	1
STX17-AS1	0.791351	0.5252405	1.5066	0.132	0.292111667	count	1
PPP2R5C	0.2045723	0.0500327	4.0888	4.44E-05	0.292162264	count	1
C2orf42	0.3608143	0.3392328	1.0636	0.288	0.292299955	count	1
EFL1	0.2642135	0.246105	1.0736	0.283	0.292459251	count	1
LST1	0.227326	0.2063729	1.1015	0.271	0.292525564	count	1
PTPN18	0.2182685	0.1417853	1.5394	0.124	0.29273997	count	1
ITCH	0.2239251	0.1681238	1.3319	0.183	0.293157561	count	1
ATP2A2	0.2597122	0.2151188	1.2073	0.227	0.293354407	count	1
ALDOA	0.2337261	0.2002104	1.1674	0.243	0.293440506	count	1
TVP23B	0.2303516	0.2039708	1.1293	0.259	0.293848624	count	1
TIMM8A	0.2537154	0.2590413	0.9794	0.327	0.293869527	count	1
FANCF	0.2409725	0.2085935	1.1552	0.248	0.293893222	count	1
ZNF525	0.2844918	0.3706426	0.7676	0.443	0.293903747	count	1
ALKBH1	0.275665	0.3340519	0.8252	0.409	0.293921534	count	1
TAF8	0.234968	0.1969954	1.1928	0.233	0.294101024	count	1

DMAC2	0.2562779	0.2079432	1.2324	0.218	0.294546667	count	1
CCR2	0.245	0.2953044	0.8297	0.407	0.294576867	count	1
NUP155	0.296574	0.2839502	1.0445	0.296	0.294669873	count	1
SELPLG	0.211182	0.1011406	2.088	0.0369	0.294779413	count	1
AC019129.2	1.338457	1.205188	1.1106	0.267	0.29494258	count	1
TMEM267	0.2389798	0.235513	1.0147	0.31	0.295046257	count	1
SPATA5L1	0.2971319	0.4104378	0.7239	0.469	0.295233802	count	1
APMAP	0.2115908	0.0991922	2.1331	0.033	0.295641629	count	1
NR4A3	0.2559156	0.1849737	1.3835	0.167	0.296442736	count	1
ARHGEF11	0.6145623	1.0552126	0.5824	0.56	0.296513214	count	1
LAMTOR3	0.2226872	0.1651007	1.3488	0.177	0.296519502	count	1
SH3BP5	0.2128216	0.1013668	2.0995	0.0358	0.296652614	count	1
LIAS	0.2543549	0.2401369	1.0592	0.29	0.296782492	count	1
LINC02482	0.3493826	0.3084481	1.1327	0.257	0.297247373	count	1
UGDH-AS1	0.6160104	0.8543205	0.7211	0.471	0.297252546	count	1
ALG10	0.4587597	0.4608165	0.9955	0.32	0.297259909	count	1
PET100	0.2136376	0.0936431	2.2814	0.0226	0.297274756	count	1
ZNF169	0.3356802	0.404936	0.829	0.407	0.297495345	count	1
CYB561A3	0.2588422	0.241689	1.071	0.284	0.29752373	count	1
GLUL	0.214539	0.1004834	2.1351	0.0328	0.297957761	count	1
MAP3K21	0.6177185	0.6290835	0.9819	0.326	0.298124752	count	1
PEX1	0.226831	0.1491765	1.5206	0.128	0.298231086	count	1
HSPA1B	0.2098973	0.0985581	2.1297	0.0333	0.298465765	count	1
TIMM22	0.239203	0.1669501	1.4328	0.152	0.298471835	count	1
ACTB	0.2069465	0.0235166	8.8	2.14E-18	0.298472651	count	5.20E-14
LACTB2	0.2400179	0.2472568	0.9707	0.332	0.298487576	count	1
BTN2A1	0.2371759	0.1507136	1.5737	0.116	0.298677582	count	1
SPRYD3	0.2485294	0.2319556	1.0715	0.284	0.298854487	count	1
SNRNP70	0.2152891	0.0959456	2.2439	0.0249	0.298865128	count	1
CYP2U1	0.3257071	0.4844601	0.6723	0.501	0.298925762	count	1
MCTP2	0.2581513	0.2519263	1.0247	0.306	0.299057822	count	1
OGT	0.2160735	0.1021544	2.1152	0.0345	0.299451651	count	1
RIPOR2	0.2119566	0.0754572	2.809	0.005	0.299503862	count	1
ZNF91	0.232346	0.1411012	1.6467	0.0997	0.299615857	count	1
FRY	0.4214301	0.3865355	1.0903	0.276	0.299615891	count	1
NEK3	0.2708438	0.3507486	0.7722	0.44	0.299886766	count	1
ETFRF1	0.2221309	0.1369207	1.6223	0.105	0.299954804	count	1
GCSAM	0.2611535	0.1962386	1.3308	0.183	0.30020748	count	1
MTRF1	0.2659158	0.3103041	0.857	0.392	0.3004391	count	1
MMP24OS	0.2144446	0.0903571	2.3733	0.0177	0.300733641	count	1
PLD6	0.5245404	0.4585942	1.1438	0.253	0.300844578	count	1
ACOT8	0.2358594	0.1936386	1.218	0.223	0.300912137	count	1
DFFA	0.255131	0.2014304	1.2666	0.205	0.301671515	count	1
BFSP1	0.6250439	0.8532058	0.7326	0.464	0.301867025	count	1
ZBED3	1.3692789	0.7421871	1.8449	0.0651	0.301896851	count	1

KCP	0.8162476	0.7864346	1.0379	0.299	0.301928623	count	1
WDR64	1.3703991	0.8232552	1.6646	0.0961	0.302148875	count	1
LINC01376	1.3703991	0.8232552	1.6646	0.0961	0.302148875	count	1
MMP28	1.3703991	0.8232552	1.6646	0.0961	0.302148875	count	1
AL353135.1	1.3703991	0.983237	1.3938	0.163	0.302148875	count	1
HOXB4	0.2728675	0.2732947	0.9984	0.318	0.302154487	count	1
AP003352.1	0.8169223	0.5990815	1.3636	0.173	0.302194819	count	1
GPR68	0.2541478	0.2618944	0.9704	0.332	0.302315619	count	1
F11R	0.3293222	0.3358323	0.9806	0.327	0.302316275	count	1
TMBIM1	0.2169731	0.1201593	1.8057	0.0711	0.302335522	count	1
USP28	0.241563	0.1979776	1.2202	0.222	0.302407118	count	1
IRAK4	0.2202072	0.1103497	1.9955	0.0461	0.302493829	count	1
SIPA1L1	0.2798649	0.2076072	1.348	0.178	0.302610259	count	1
GTPBP3	0.2348581	0.1984026	1.1837	0.237	0.302871009	count	1
AC016065.1	0.2635478	0.3855051	0.6836	0.494	0.302988011	count	1
RABL2B	0.3048216	0.2700505	1.1288	0.259	0.303009524	count	1
AC087071.1	0.5281581	0.8496571	0.6216	0.534	0.303021615	count	1
IPO9-AS1	0.5281581	1.0963969	0.4817	0.63	0.303021615	count	1
OTUD5	0.2406506	0.1387743	1.7341	0.083	0.303079294	count	1
GALNT12	0.2986924	0.3904095	0.7651	0.444	0.303090262	count	1
NUDT8	0.2685674	0.3389698	0.7923	0.428	0.303468189	count	1
PLEKHA1	0.224052	0.1197529	1.871	0.0614	0.303722007	count	1
ADHFE1	0.3751952	0.4431363	0.8467	0.397	0.304290405	count	1
ZNF518A	0.2455448	0.1774263	1.3839	0.166	0.304330743	count	1
AP3M1	0.2543991	0.2193476	1.1598	0.246	0.304338514	count	1
GMPPB	0.248438	0.2094059	1.1864	0.236	0.304370888	count	1
AIDA	0.230319	0.1582326	1.4556	0.146	0.304736381	count	1
ACADS	0.245076	0.2490043	0.9842	0.325	0.304819056	count	1
AL512625.3	0.8244697	0.9614937	0.8575	0.391	0.305172907	count	1
AC146944.4	0.8244697	0.9937279	0.8297	0.407	0.305172907	count	1
ZC3H12B	0.8244697	1.102356	0.7479	0.455	0.305172907	count	1
TRPM2	0.3990612	0.7873607	0.5068	0.612	0.30524944	count	1
MRPS10	0.2250615	0.1302287	1.7282	0.084	0.305631369	count	1
CENPP	0.8259193	0.5745132	1.4376	0.151	0.305744973	count	1
TRBV9	0.5327019	0.738792	0.721	0.471	0.305757199	count	1
AK3	0.2375825	0.2085979	1.1389	0.255	0.305789844	count	1
TRAV16	0.8269898	0.7066721	1.1703	0.242	0.306167465	count	1
TRBV4-2	1.3885612	1.195834	1.1612	0.246	0.306227435	count	1
TDRD1	1.3885612	1.400048	0.9918	0.321	0.306227435	count	1
LOXL1	0.3597339	0.4651341	0.7734	0.439	0.306286696	count	1
TBP	0.2624735	0.2392154	1.0972	0.273	0.306346417	count	1
RUVBL2	0.2439834	0.2081779	1.172	0.241	0.306397621	count	1
TRIM69	0.2308263	0.1527576	1.5111	0.131	0.306439467	count	1
ZNF439	0.2798927	0.3080001	0.9087	0.364	0.306475074	count	1
GPATCH1	0.2874619	0.2304321	1.2475	0.212	0.306677816	count	1

ASTE1	0.2316832	0.186357	1.2432	0.214	0.307245478	count	1
ZNF445	0.3248779	0.3245323	1.0011	0.317	0.307453427	count	1
RTN4IP1	0.3095613	0.4693026	0.6596	0.51	0.30780492	count	1
MINCR	0.2979581	0.3926158	0.7589	0.448	0.308036149	count	1
UTP15	0.2848899	0.2924513	0.9741	0.33	0.308116613	count	1
CCND3	0.2157594	0.0562736	3.8341	0.000128	0.308160703	count	1
AC093484.2	0.4334291	0.5585214	0.776	0.438	0.308462965	count	1
TMEM170B	0.5372678	0.6910643	0.7774	0.437	0.308507496	count	1
ELMOD2	0.2565344	0.2225078	1.1529	0.249	0.308559417	count	1
COPG2	0.4032702	0.3659182	1.1021	0.271	0.308573926	count	1
TINF2	0.2219468	0.1071899	2.0706	0.0385	0.308599063	count	1
C11orf68	0.278871	0.2871975	0.971	0.332	0.308883777	count	1
TMPRSS3	0.4341074	0.7798506	0.5567	0.578	0.308963471	count	1
TMEM135	0.3483482	0.352149	0.9892	0.323	0.308994587	count	1
DHX33	0.3110122	0.4185664	0.743	0.458	0.309273268	count	1
TRPC1	1.4037219	0.6962679	2.0161	0.0439	0.309620964	count	1
ZNF606	0.4353673	0.6861558	0.6345	0.526	0.309893205	count	1
CCDC71	0.2866112	0.35559	0.806	0.42	0.310003271	count	1
TSPAN3	0.2676098	0.2249078	1.1899	0.234	0.310125272	count	1
CDK8	0.3644657	0.3257448	1.1189	0.263	0.310422133	count	1
TRGV7	0.4363779	0.5128317	0.8509	0.395	0.310639082	count	1
SASH3	0.2298619	0.142002	1.6187	0.106	0.311039076	count	1
BSG	0.2184145	0.0675426	3.2337	0.00123	0.311110025	count	1
MBNL1-AS1	0.31296	0.3495901	0.8952	0.371	0.311244777	count	1
EIF2B3	0.2471566	0.2217381	1.1146	0.265	0.311322666	count	1
MFN1	0.2781607	0.2416552	1.1511	0.25	0.311371312	count	1
DLG5	1.412272	0.6545159	2.1577	0.031	0.311530185	count	1
ZMYM1	0.2634089	0.2223069	1.1849	0.236	0.311548262	count	1
STX7	0.2383139	0.1922035	1.2399	0.215	0.311612212	count	1
KATNAL1	0.2814528	0.2747698	1.0243	0.306	0.311778554	count	1
UTP6	0.2356379	0.1445756	1.6299	0.103	0.311800528	count	1
AC025043.1	0.842291	1.003302	0.8395	0.401	0.312207822	count	1
NPIPB6	0.8424313	1.24294	0.6778	0.498	0.312263223	count	1
NR3C2	0.3847611	0.3386166	1.1363	0.256	0.312277	count	1
STAG3	0.3078253	0.3394842	0.9067	0.365	0.312514293	count	1
MAP1LC3A	0.2718815	0.2125849	1.2789	0.201	0.312669237	count	1
CDIPT	0.2333951	0.1274775	1.8309	0.0672	0.312831529	count	1
MOV10	0.3304729	0.3748436	0.8816	0.378	0.312857698	count	1
ARL15	0.2932009	0.2924114	1.0027	0.316	0.31288771	count	1
MRRF	0.2799512	0.227295	1.2317	0.218	0.313399202	count	1
CDC37L1-DT	0.5459618	0.4596273	1.1878	0.235	0.313748119	count	1
FBXO44	0.2493044	0.2136261	1.167	0.243	0.314044481	count	1
CKAP4	0.3540424	0.3992494	0.8868	0.375	0.314168326	count	1
AC010969.2	0.5470677	0.5502986	0.9941	0.32	0.31441508	count	1
AL133410.1	0.5470677	0.6546808	0.8356	0.403	0.31441508	count	1

ALG11	0.3690537	0.4040955	0.9133	0.361	0.31443387	count	1
ZNF250	0.2615055	0.190386	1.3736	0.17	0.314588165	count	1
GPC1	0.5475136	0.6394154	0.8563	0.392	0.31468403	count	1
PEX13	0.2549637	0.1936971	1.3163	0.188	0.314919845	count	1
MED29	0.237485	0.1475718	1.6093	0.108	0.31531183	count	1
TMEM129	0.2596526	0.2021677	1.2843	0.199	0.315422317	count	1
GPR19	0.6519148	0.662174	0.9845	0.325	0.315615922	count	1
PRUNE1	0.3333577	0.3924494	0.8494	0.396	0.315645265	count	1
SH3BP2	0.2744674	0.2136728	1.2845	0.199	0.315674261	count	1
ZNF12	0.2883282	0.2467901	1.1683	0.243	0.315831901	count	1
DRG2	0.233774	0.140167	1.6678	0.0954	0.315935235	count	1
TMEM161B-AS1	0.265646	0.2588067	1.0264	0.305	0.316114501	count	1
TNFSF11	0.4868566	0.6094142	0.7989	0.424	0.316256529	count	1
PTGS2	0.5501544	0.681364	0.8074	0.419	0.31627709	count	1
STMP1	0.2232855	0.0802522	2.7823	0.00543	0.316290653	count	1
ARF5	0.225106	0.083497	2.696	0.00705	0.316359502	count	1
ZSWIM1	0.8529755	0.7961756	1.0713	0.284	0.316427131	count	1
HYAL3	0.3445284	0.4701749	0.7328	0.464	0.316591135	count	1
CCRL2	0.5508659	0.5547394	0.993	0.321	0.316706375	count	1
COG5	0.2510193	0.2510422	0.9999	0.317	0.317111031	count	1
EDEM1	0.2419109	0.1427606	1.6945	0.0903	0.317263712	count	1
C6orf136	0.2545614	0.2147557	1.1854	0.236	0.317762378	count	1
DPP3	0.2593252	0.2272317	1.1412	0.254	0.317808874	count	1
TSPYL1	0.2268528	0.0987504	2.2972	0.0217	0.317870448	count	1
ACKR1	1.4409573	0.6046568	2.3831	0.0172	0.317910892	count	1
MSX2	0.4896493	1.0838958	0.4517	0.651	0.318148036	count	1
CNNM2	1.442793	0.4390286	3.2863	0.00103	0.318317809	count	1
PM20D2	0.3587034	0.3165042	1.1333	0.257	0.318405522	count	1
DENND1B	0.2522706	0.1601132	1.5756	0.115	0.318701246	count	1
ZNF527	0.5544383	0.3914398	1.4164	0.157	0.318862271	count	1
C12orf4	0.2848837	0.2342637	1.2161	0.224	0.318986891	count	1
AC025164.1	0.2332652	0.142261	1.6397	0.101	0.31917964	count	1
CCDC65	0.3746242	0.3794199	0.9874	0.324	0.319307287	count	1
AC005842.1	0.4913979	0.3283544	1.4965	0.135	0.319332672	count	1
LGALS3BP	0.2882248	0.2230503	1.2922	0.196	0.319373913	count	1
TRBV14	0.6598729	0.7067738	0.9336	0.351	0.319693929	count	1
SCRIB	0.3378759	0.3957823	0.8537	0.393	0.320012677	count	1
MAPK14	0.252637	0.1815493	1.3916	0.164	0.320031314	count	1
AL355338.1	0.4179111	0.5736131	0.7286	0.466	0.320150325	count	1
MT1M	0.8624358	0.7882078	1.0942	0.274	0.320163815	count	1
SMG9	0.2859492	0.299881	0.9535	0.34	0.320194164	count	1
TMEM101	0.2435941	0.1680251	1.4497	0.147	0.320362865	count	1
UTP4	0.2925165	0.2705523	1.0812	0.28	0.320479702	count	1
CASTOR1	1.453686	0.5671647	2.5631	0.0104	0.32072939	count	1
KLF6	0.2228548	0.0409562	5.4413	5.66E-08	0.320868287	count	0.00136723

LRR57	0.2729573	0.2391794	1.1412	0.254	0.320886535	count	1
CHMP1B	0.2323506	0.0873302	2.6606	0.00784	0.321461038	count	1
PTRH2	0.2533125	0.2047612	1.2371	0.216	0.321726232	count	1
PEPD	0.2353257	0.120811	1.9479	0.0515	0.322417537	count	1
HIPK1-AS1	0.868599	0.4377963	1.984	0.0473	0.322598682	count	1
C12orf66	0.3406545	0.3656765	0.9316	0.352	0.322699447	count	1
FBXO11	0.2519971	0.1552262	1.6234	0.105	0.323769827	count	1
AKAP17A	0.2362397	0.1012272	2.3338	0.0197	0.323937637	count	1
TRUB2	0.2738061	0.224003	1.2223	0.222	0.323959924	count	1
TRMT13	0.2669177	0.1996479	1.3369	0.181	0.324318161	count	1
ARPC4	0.2277779	0.0609458	3.7374	0.000189	0.324821009	count	1
TRAF3IP3	0.2281763	0.061556	3.7068	0.000213	0.325014333	count	1
ZNF2	0.4558339	0.5710807	0.7982	0.425	0.325015023	count	1
C17orf49	0.2805807	0.2728793	1.0282	0.304	0.32531263	count	1
ZNF74	0.3350852	0.4857256	0.6899	0.49	0.325912109	count	1
TIPARP-AS1	0.672303	0.4392741	1.5305	0.126	0.326068659	count	1
NRN1	0.6728806	1.0704598	0.6286	0.53	0.32636503	count	1
FKBP1B	0.3677167	0.4306621	0.8538	0.393	0.326604828	count	1
GATC	0.3359528	0.2454852	1.3685	0.171	0.326772475	count	1
TMEM254	0.3290693	0.2827577	1.1638	0.245	0.327562901	count	1
ZNF626	0.2769941	0.2339736	1.1839	0.237	0.327766976	count	1
ZNF26	0.2827094	0.2316839	1.2202	0.222	0.327806159	count	1
COX10	0.4033991	0.2780654	1.4507	0.147	0.327861576	count	1
AC104958.2	0.5694578	0.5567817	1.0228	0.306	0.32793483	count	1
HECTD3	0.3371457	0.3978698	0.8474	0.397	0.327955529	count	1
AC093157.1	0.3295307	0.3133647	1.0516	0.293	0.328030612	count	1
FUT7	0.2875661	0.4424001	0.65	0.516	0.32813905	count	1
STIMATE	0.4037769	0.4110658	0.9823	0.326	0.328177785	count	1
MRI1	0.2691517	0.2095674	1.2843	0.199	0.328533683	count	1
ATP13A1	0.3852468	0.3511186	1.0972	0.273	0.328608282	count	1
AC092803.2	0.8839219	0.7097153	1.2455	0.213	0.328652468	count	1
CARD8-AS1	0.2525084	0.2104011	1.2001	0.23	0.328695528	count	1
IFT88	0.2683009	0.2271037	1.1814	0.238	0.328892512	count	1
FAM13A	0.3579402	0.3657967	0.9785	0.328	0.329198883	count	1
MOSMO	0.2886731	0.2345285	1.2309	0.218	0.329416321	count	1
CDK17	0.2570488	0.1428312	1.7997	0.072	0.329588653	count	1
MECR	0.3311101	0.40064	0.8265	0.409	0.329631732	count	1
NEIL3	0.8874887	1.252055	0.7088	0.478	0.330061786	count	1
BRAT1	0.2922538	0.205507	1.4221	0.155	0.330549566	count	1
LAIR1	0.2465805	0.1644381	1.4995	0.134	0.330839193	count	1
LINC00954	0.3597222	0.4041487	0.8901	0.373	0.330875234	count	1
SPRYD4	0.4070347	0.4110404	0.9903	0.322	0.330905101	count	1
MLH3	0.2954922	0.2114349	1.3976	0.162	0.331010573	count	1
WDR89	0.2750475	0.2408557	1.142	0.254	0.331018911	count	1
TBC1D10B	0.2755023	0.2150466	1.2811	0.2	0.331570915	count	1

PYCR2	0.2435401	0.121167	2.01	0.0445	0.331692579	count	1
HSD17B12	0.2485797	0.1530448	1.6242	0.104	0.331767848	count	1
PIGK	0.2577062	0.1723248	1.4955	0.135	0.33182823	count	1
ZNF117	0.3737517	0.4411324	0.8473	0.397	0.3320988	count	1
AL050341.2	0.8933964	0.5662648	1.5777	0.115	0.332396257	count	1
ITGAV	0.3342743	0.369461	0.9048	0.366	0.332840092	count	1
AP001830.1	1.5089604	1.088893	1.3858	0.166	0.332873339	count	1
AC090912.1	1.5089604	1.210249	1.2468	0.213	0.332873339	count	1
SORBS1	1.5089604	1.392364	1.0837	0.279	0.332873339	count	1
PIANP	1.5089604	1.392364	1.0837	0.279	0.332873339	count	1
RFK	0.2542332	0.1499237	1.6958	0.09	0.333015842	count	1
GLO1	0.2451305	0.1128246	2.1727	0.0299	0.333147662	count	1
MIS18A	0.300551	0.2710492	1.1088	0.268	0.333207548	count	1
ZNF627	0.6865386	0.5416118	1.2676	0.205	0.333376558	count	1
TRAV36DV7	0.3348317	0.4752004	0.7046	0.481	0.333405357	count	1
FHAD1	0.5785683	0.7775592	0.7441	0.457	0.333444494	count	1
FTSJ1	0.2721394	0.1776307	1.5321	0.126	0.333633828	count	1
CLHC1	0.5789924	0.4306859	1.3443	0.179	0.333701087	count	1
AC243829.4	0.5126532	0.5614709	0.9131	0.361	0.33375025	count	1
TRAPPC5	0.6879494	0.4834887	1.4229	0.155	0.334101195	count	1
DYNC2L1	0.3179252	0.3731853	0.8519	0.394	0.334573345	count	1
NUP50-DT	0.6890873	0.4568712	1.5083	0.132	0.334685699	count	1
EXTL2	0.3236286	0.3630234	0.8915	0.373	0.335018993	count	1
SURF6	0.2757355	0.2348006	1.1743	0.24	0.335119278	count	1
ATG10	0.2722534	0.2148515	1.2672	0.205	0.335134272	count	1
KANSL2	0.2481748	0.1304308	1.9027	0.0572	0.33545561	count	1
AC020910.4	0.5821214	0.4578703	1.2714	0.204	0.335594525	count	1
SNAI1	0.5825019	0.5063204	1.1505	0.25	0.335824809	count	1
CDCA7	0.3101974	0.3918643	0.7916	0.429	0.335878708	count	1
NEFM	0.9039884	0.5373372	1.6823	0.0926	0.33658156	count	1
SLAMF6	0.2617672	0.15407	1.699	0.0894	0.337084886	count	1
CTSF	0.2868113	0.2945194	0.9738	0.33	0.337333759	count	1
AKAP5	0.5863919	0.4836073	1.2125	0.225	0.338179571	count	1
HSBP1L1	0.3019922	0.2016302	1.4978	0.134	0.338381666	count	1
GTF2H2C	0.3271126	0.3714821	0.8806	0.379	0.338685245	count	1
RBM18	0.2570061	0.1401558	1.8337	0.0668	0.338956512	count	1
NSG1	0.2487585	0.1908208	1.3036	0.192	0.338992406	count	1
RBM23	0.267057	0.1322266	2.0197	0.0435	0.339287672	count	1
ZFAT	0.5208529	0.5996487	0.8686	0.385	0.339320569	count	1
GDF11	0.2808112	0.2041434	1.3756	0.169	0.339719175	count	1
HMG3	0.2414781	0.0955129	2.5282	0.0115	0.339809981	count	1
KLF9	0.2520279	0.0920479	2.738	0.00621	0.340218363	count	1
PXN	0.2826865	0.185205	1.5263	0.127	0.340292191	count	1
AC095055.1	0.5903161	0.5869084	1.0058	0.315	0.340555884	count	1
AES	0.2371734	0.0383705	6.1811	7.12E-10	0.340768418	count	1.72E-05

CDK7	0.2633586	0.2110437	1.2479	0.212	0.341106318	count	1
SPSB1	0.2820384	0.2472216	1.1408	0.254	0.341216275	count	1
CD55	0.2452742	0.0782789	3.1333	0.00174	0.341506813	count	1
FAM157C	0.7024266	0.7633172	0.9202	0.358	0.341541076	count	1
TCTN3	0.3118682	0.2102698	1.4832	0.138	0.341971641	count	1
SGSM1	0.4455502	0.641964	0.694	0.488	0.34205377	count	1
RPUSD3	0.2611203	0.1772511	1.4732	0.141	0.342077828	count	1
CIZ1	0.312085	0.2151909	1.4503	0.147	0.342212572	count	1
MRPL10	0.2476266	0.1137053	2.1778	0.0295	0.342820984	count	1
ZBED5-AS1	0.2785005	0.2185908	1.2741	0.203	0.342882441	count	1
LYPD3	0.325785	0.2869284	1.1354	0.256	0.342975323	count	1
GALNT3	0.2899566	0.2717546	1.067	0.286	0.343253017	count	1
PLPBP	0.2767523	0.1546345	1.7897	0.0736	0.343293852	count	1
PDIA4	0.257464	0.1523885	1.6895	0.0912	0.343668334	count	1
TRMT61A	0.4025667	0.2904448	1.386	0.166	0.343794248	count	1
IL9R	0.3734557	0.5091379	0.7335	0.463	0.343803672	count	1
THAP6	0.2628427	0.1754686	1.4979	0.134	0.343834876	count	1
PANX1	0.4227975	0.3361079	1.2579	0.209	0.344113684	count	1
PCSK5	0.3738758	0.5485272	0.6816	0.496	0.344199403	count	1
AL035530.2	0.4483252	0.6647012	0.6745	0.5	0.344256309	count	1
CDC23	0.4819705	0.3342797	1.4418	0.149	0.344374332	count	1
ZNF621	0.3632084	0.3419443	1.0622	0.288	0.344532595	count	1
CARF	0.4035322	0.3066621	1.3159	0.188	0.344641537	count	1
SUMF1	0.3462601	0.3148719	1.0997	0.272	0.345000627	count	1
COL6A2	0.2998286	0.2467996	1.2149	0.225	0.345170177	count	1
BCLAF1	0.2449065	0.0652637	3.7526	0.000178	0.345590368	count	1
PSMB8-AS1	0.245015	0.0895483	2.7361	0.00625	0.345899207	count	1
THNSL1	0.5992979	0.5223809	1.1472	0.251	0.345997861	count	1
IFNG-AS1	0.3758813	0.3053586	1.231	0.218	0.346088733	count	1
ZDHHC23	0.4847135	0.517998	0.9357	0.349	0.346409034	count	1
ANXA6	0.245094	0.0730871	3.3535	0.000807	0.346442315	count	1
TMSB15B-AS1	0.6000823	0.891441	0.6732	0.501	0.346473339	count	1
PDE5A	0.7124788	0.6733071	1.0582	0.29	0.346710875	count	1
AC068473.5	1.5734642	0.8949719	1.7581	0.0788	0.346832484	count	1
PAM	0.3094848	0.278812	1.11	0.267	0.34688204	count	1
DPH2	0.3900565	0.3548123	1.0993	0.272	0.346957498	count	1
G2E3	0.265231	0.1593292	1.6647	0.0961	0.346973481	count	1
AC242426.2	0.426377	0.4452529	0.9576	0.338	0.347115997	count	1
LINC00484	1.5752023	1.064509	1.4797	0.139	0.347205271	count	1
AC109826.1	0.3566952	0.3181478	1.1212	0.262	0.347360697	count	1
SLC25A15	0.4267587	0.5537515	0.7707	0.441	0.347436213	count	1
PYGO2	0.2918454	0.2512065	1.1618	0.245	0.347586791	count	1
DAPK2	0.3778527	0.3795246	0.9956	0.32	0.347946255	count	1
FCGBP	0.7150834	0.7772265	0.92	0.358	0.348050891	count	1
AC021188.1	0.4276525	0.4326799	0.9884	0.323	0.348186068	count	1

PRCP	0.2675362	0.1777738	1.5049	0.132	0.348353219	count	1
TMEM97	0.4283212	0.3975957	1.0773	0.281	0.348747127	count	1
NFKBIA	0.2422753	0.0430069	5.6334	1.91E-08	0.348858966	count	0.000461685
TRPT1	0.2732496	0.1785175	1.5307	0.126	0.348900009	count	1
RBM7	0.2552976	0.1291073	1.9774	0.0481	0.349248767	count	1
CCND1	0.3927987	0.2930656	1.3403	0.18	0.349458669	count	1
PDLIM1	0.2751567	0.2146987	1.2816	0.2	0.349640661	count	1
CCDC7	0.3151866	0.2368105	1.331	0.183	0.349647268	count	1
NADK	0.3439048	0.2956767	1.1631	0.245	0.349812546	count	1
LTBP4	0.263196	0.1593561	1.6516	0.0987	0.34995395	count	1
COPS5	0.2510019	0.0998591	2.5136	0.012	0.350085344	count	1
PRKAG2-AS1	0.3689845	0.2754831	1.3394	0.181	0.350130949	count	1
FBXO2	0.2779488	0.2181594	1.2741	0.203	0.350365487	count	1
RMDN2	0.3806465	0.5563037	0.6842	0.494	0.350579224	count	1
PTPN23	0.4104093	0.342678	1.1977	0.231	0.350678815	count	1
GSTM4	0.3807957	0.2736738	1.3914	0.164	0.350719863	count	1
RNF43	0.7203502	0.8476298	0.8498	0.395	0.35076116	count	1
AASDH	0.2653597	0.1813131	1.4635	0.143	0.350879423	count	1
PTP4A3	0.3387219	0.2814838	1.2033	0.229	0.350908666	count	1
VPS9D1	0.4908061	0.385258	1.274	0.203	0.350930322	count	1
C1orf53	0.9412056	1.0841555	0.8681	0.385	0.351285017	count	1
MAFIP	0.6080669	0.8082893	0.7523	0.452	0.351314878	count	1
AC091132.5	0.6080669	0.8230413	0.7388	0.46	0.351314878	count	1
RIN3	0.3168579	0.2719622	1.1651	0.244	0.351525546	count	1
NUCB1	0.2572989	0.0992147	2.5934	0.00955	0.351676922	count	1
BTBD9	0.3821464	0.2937574	1.3009	0.193	0.351993044	count	1
MYBL1	0.2494104	0.0871072	2.8633	0.00422	0.352005852	count	1
PARP15	0.2763647	0.1858426	1.4871	0.137	0.35205865	count	1
INTS12	0.2719372	0.2011797	1.3517	0.177	0.352274691	count	1
MBP	0.2471809	0.0567402	4.3564	1.36E-05	0.352352596	count	0.3267128
TTLL4	0.7236251	0.7372874	0.9815	0.326	0.352446805	count	1
RGPD2	0.9442137	0.549492	1.7183	0.0858	0.352473252	count	1
TSGA10	0.2929046	0.2320736	1.2621	0.207	0.352701534	count	1
POMZP3	0.3627356	0.3327831	1.09	0.276	0.353362818	count	1
TP53INP1	0.3100957	0.1813317	1.7101	0.0873	0.354150283	count	1
LZTS1	0.9486627	0.7173545	1.3224	0.186	0.354230123	count	1
TPTEP2-CSNK1E	0.9487933	0.71431	1.3283	0.184	0.35428172	count	1
ITPKC	0.4151609	0.5202617	0.798	0.425	0.354852386	count	1
USB1	0.2660095	0.1462554	1.8188	0.069	0.355117186	count	1
AC097103.2	0.9512656	0.692203	1.3743	0.169	0.355258012	count	1
ZFY	0.2749024	0.1604784	1.713	0.0868	0.355476653	count	1
PTPN6	0.2535495	0.0937334	2.705	0.00686	0.355691815	count	1
PXN-AS1	0.3435768	0.3549635	0.9679	0.333	0.356023448	count	1
ICAM2	0.2576721	0.1025802	2.5119	0.0121	0.356266854	count	1
QPCTL	0.7310681	0.6666477	1.0966	0.273	0.356278899	count	1

COPS7A	0.2797379	0.1996417	1.4012	0.161	0.356381501	count	1
LINC02084	0.2707537	0.2174148	1.2453	0.213	0.356710244	count	1
C6orf47-AS1	1.6200514	1.06235	1.525	0.127	0.356760157	count	1
XKR9	1.6200514	1.672472	0.9687	0.333	0.356760157	count	1
PPP1R3F	0.4380982	0.3114396	1.4067	0.16	0.356954292	count	1
TMEM217	1.621236	1.083923	1.4957	0.135	0.357010895	count	1
ZNF709	1.621236	1.095246	1.4802	0.139	0.357010895	count	1
THBS1	0.6182691	0.5494237	1.1253	0.261	0.357505612	count	1
SMIM14	0.2726414	0.1671922	1.6307	0.103	0.35775366	count	1
SMIM3	0.2790856	0.1552994	1.7971	0.0724	0.358006925	count	1
C19orf48	0.2885804	0.1897802	1.5206	0.128	0.358074415	count	1
C11orf80	0.4658026	0.5788329	0.8047	0.421	0.358141849	count	1
PIK3IP1	0.2557144	0.0606618	4.2154	2.56E-05	0.358368138	count	0.614272
RASSF3	0.2699022	0.1456818	1.8527	0.064	0.358526449	count	1
TMEM191B	0.2924446	0.2430347	1.2033	0.229	0.35872782	count	1
ZNF672	0.3048474	0.2633075	1.1578	0.247	0.358763685	count	1
ATF6B	0.268129	0.1381259	1.9412	0.0523	0.358936831	count	1
NCAPG2	0.3313291	0.3321981	0.9974	0.319	0.359096898	count	1
LINC01588	0.3056305	0.2362084	1.2939	0.196	0.359694586	count	1
ISM1	0.6222662	0.5043361	1.2338	0.217	0.359932375	count	1
AL118516.1	0.2653029	0.1449065	1.8309	0.0672	0.360024406	count	1
MPST	0.2743854	0.1782699	1.5392	0.124	0.360052505	count	1
POMGNT1	0.2884087	0.2354328	1.225	0.221	0.360317455	count	1
ERCC3	0.2863847	0.1853084	1.5454	0.122	0.361069411	count	1
CENPM	0.3433017	0.2676092	1.2828	0.2	0.361717179	count	1
ATE1	0.282238	0.1641937	1.7189	0.0857	0.362073823	count	1
CYB561	0.3026748	0.2139678	1.4146	0.157	0.362643013	count	1
AC010618.3	0.5553886	0.5276698	1.0525	0.293	0.362829191	count	1
AL355472.1	0.310395	0.2957908	1.0494	0.294	0.362887615	count	1
GADD45G	0.2898703	0.2023381	1.4326	0.152	0.363314538	count	1
CSTF2T	0.3242257	0.2153008	1.5059	0.132	0.36361675	count	1
MYO1B	0.4461474	0.4858691	0.9182	0.359	0.363716583	count	1
CAPN15	0.3053303	0.2255388	1.3538	0.176	0.363801437	count	1
MMAB	0.3186755	0.2970185	1.0729	0.283	0.364064691	count	1
GSE1	0.37391	0.339245	1.1022	0.27	0.364473956	count	1
AL138724.1	0.319114	0.3256867	0.9798	0.327	0.364571524	count	1
CD101	0.9749193	0.9818343	0.993	0.321	0.364595435	count	1
AC078881.1	0.9749193	0.99724	0.9776	0.328	0.364595435	count	1
EPS8	0.3143363	0.281275	1.1175	0.264	0.364887847	count	1
CMC1	0.2585959	0.0863339	2.9953	0.00276	0.364955772	count	1
SLC25A45	0.2811792	0.1460459	1.9253	0.0543	0.364962063	count	1
MRPL9	0.2647441	0.1138443	2.3255	0.0201	0.36507506	count	1
PIK3C2A	0.3101858	0.1828806	1.6961	0.09	0.365110325	count	1
SMN1	0.4478239	0.3059565	1.4637	0.143	0.365125668	count	1
SGK1	0.2767958	0.1539606	1.7978	0.0723	0.365170946	count	1

SLC35F2	0.3747208	0.3557877	1.0532	0.292	0.365280545	count	1
PHLDB2	0.3847034	0.3416908	1.1259	0.26	0.365379621	count	1
ACP2	0.3966129	0.365027	1.0865	0.277	0.365638471	count	1
CITED2	0.2567034	0.0684393	3.7508	0.000179	0.366153283	count	1
AL365226.2	0.7509519	0.8597934	0.8734	0.383	0.366522789	count	1
MED7	0.2830032	0.2445192	1.1574	0.247	0.366685481	count	1
ABI3	0.2666943	0.1222331	2.1819	0.0292	0.366773834	count	1
TWNK	0.3979393	0.5211427	0.7636	0.445	0.366890395	count	1
NPIPB2	0.5618334	0.5759638	0.9755	0.329	0.367224133	count	1
PRR5	0.267042	0.1290852	2.0687	0.0386	0.367253106	count	1
AC111182.1	0.3122199	0.2525503	1.2363	0.216	0.367529028	count	1
AC099811.4	1.6736628	0.9245639	1.8102	0.0704	0.368013192	count	1
UCP2	0.2578395	0.0628499	4.1025	4.18E-05	0.368314264	count	1
EID2B	0.3150044	0.2920436	1.0786	0.281	0.368333619	count	1
SLC10A3	0.3015458	0.1762124	1.7113	0.0871	0.36840979	count	1
EIF5A2	0.2817011	0.1812128	1.5545	0.12	0.368623211	count	1
GNPNAT1	0.2971236	0.2409941	1.2329	0.218	0.368754329	count	1
AL049780.2	0.5644425	0.8924354	0.6325	0.527	0.369004044	count	1
AC018797.2	0.4524873	0.5245673	0.8626	0.388	0.369046277	count	1
CSTF2	0.3035798	0.2728787	1.1125	0.266	0.369254259	count	1
CDK16	0.3561343	0.2632502	1.3528	0.176	0.369261265	count	1
AL121748.1	0.7568446	0.5418702	1.3967	0.163	0.369560299	count	1
C15orf53	0.3332514	0.2586881	1.2882	0.198	0.369959293	count	1
UBA7	0.3894938	0.2700018	1.4426	0.149	0.37003052	count	1
ITGB7	0.2658653	0.0983761	2.7025	0.00692	0.370079112	count	1
PGS1	0.2952358	0.1997155	1.4783	0.139	0.370086349	count	1
CMKLR1	0.7579288	0.4838975	1.5663	0.117	0.370119232	count	1
RALGPS2	0.4333045	0.3671277	1.1803	0.238	0.370805019	count	1
SCAP	0.4333424	0.3011503	1.439	0.15	0.370838368	count	1
RAB11FIP5	0.6402183	0.4535009	1.4117	0.158	0.370840398	count	1
ZNF75A	0.2891297	0.1611344	1.7943	0.0728	0.370966142	count	1
LETM1	0.2907565	0.1757741	1.6541	0.0982	0.371389607	count	1
NOS3	1.6904358	0.7661395	2.2064	0.0274	0.371494514	count	1
ZNF470	1.691067	0.8584707	1.9699	0.0489	0.37162514	count	1
GALE	0.3179412	0.2631326	1.2083	0.227	0.371804098	count	1
TTN-AS1	0.4033317	0.3252384	1.2401	0.215	0.371981446	count	1
ZNF302	0.2977254	0.2195287	1.3562	0.175	0.372040588	count	1
DHRS7	0.2601744	0.0541019	4.809	1.58E-06	0.372053668	count	0.03806694
MORC2-AS1	0.4561496	0.3382987	1.3484	0.178	0.372126359	count	1
TMEM147-AS1	0.9958323	0.7607319	1.309	0.191	0.372844523	count	1
TCEA3	0.34868	0.2888982	1.2069	0.228	0.373050643	count	1
ZNF765	0.3601835	0.2572151	1.4003	0.162	0.373532278	count	1
AC087500.1	0.4370063	0.657324	0.6648	0.506	0.374062856	count	1
ADD3	0.2688455	0.0943726	2.8488	0.00442	0.374082732	count	1
JKAMP	0.2782888	0.1447292	1.9228	0.0546	0.374134313	count	1

ACSS1	0.3411579	0.2275205	1.4995	0.134	0.374551601	count	1
AL118506.1	1.0025796	0.632812	1.5843	0.113	0.375504389	count	1
ZNF517	1.0025796	0.6742222	1.487	0.137	0.375504389	count	1
VPS37D	0.574216	0.6802225	0.8442	0.399	0.37567474	count	1
RNF44	0.3018908	0.1510338	1.9988	0.0457	0.376026931	count	1
NEIL1	0.3425896	0.2887938	1.1863	0.236	0.376145621	count	1
SOX13	1.0044955	0.5572398	1.8026	0.0715	0.376259526	count	1
AP000766.1	0.4885757	0.5892266	0.8292	0.407	0.376268091	count	1
CC2D1A	0.3321764	0.2801106	1.1859	0.236	0.376281671	count	1
SRSF3	0.2634133	0.0446089	5.9049	3.88E-09	0.376445878	count	9.38E-05
ABHD17A	0.2631608	0.0545545	4.8238	1.47E-06	0.376641919	count	0.03542112
KIAA1958	0.7707207	0.8564529	0.8999	0.368	0.376715564	count	1
PTGER2	0.2675537	0.0889431	3.0081	0.00265	0.376830198	count	1
COPZ1	0.2689225	0.0989814	2.7169	0.00662	0.376904608	count	1
AP000254.1	1.719327	1.161241	1.4806	0.139	0.377445503	count	1
AC005498.2	1.719327	1.278002	1.3453	0.179	0.377445503	count	1
LINC01814	1.719327	1.330103	1.2926	0.196	0.377445503	count	1
PLGLB1	1.719327	1.330103	1.2926	0.196	0.377445503	count	1
USP27X-AS1	1.719327	1.52931	1.1243	0.261	0.377445503	count	1
ATP6V1C1	0.3641167	0.2491921	1.4612	0.144	0.377682055	count	1
PSMD6-AS1	1.0082871	0.8078463	1.2481	0.212	0.377753709	count	1
AP002449.1	1.0082871	0.9280539	1.0865	0.277	0.377753709	count	1
AC083843.2	1.0082871	0.9979013	1.0104	0.312	0.377753709	count	1
AL596325.1	1.7214271	0.7959079	2.1628	0.0306	0.377875806	count	1
LBX2	1.7225327	0.8209545	2.0982	0.036	0.378102212	count	1
AC137630.4	1.7225327	0.8209545	2.0982	0.036	0.378102212	count	1
G6PC3	0.3788511	0.4103196	0.9233	0.356	0.378123654	count	1
HIST2H2BF	0.4242955	0.4938057	0.8592	0.39	0.378229491	count	1
OGDH	0.3213496	0.1847399	1.7395	0.082	0.378387853	count	1
ZNF746	0.4101339	0.3282144	1.2496	0.212	0.378406628	count	1
CCDC163	0.4422949	0.4504464	0.9819	0.326	0.378718922	count	1
MRPL30	0.3177965	0.2221699	1.4304	0.153	0.3788002	count	1
LRFN1	0.4920648	0.4824142	1.02	0.308	0.379048398	count	1
ZBTB10	0.3346698	0.181011	1.8489	0.0646	0.37914131	count	1
DPP9	0.3065445	0.2207239	1.3888	0.165	0.379144428	count	1
ZNF749	0.42555	0.4320539	0.9849	0.325	0.379376978	count	1
RHBDD3	1.012587	0.4074584	2.4851	0.013	0.379448059	count	1
AC025159.1	0.3068222	0.2141518	1.4327	0.152	0.379490552	count	1
WDR83	0.3057751	0.2164602	1.4126	0.158	0.379573111	count	1
SNHG10	0.5298194	0.3952472	1.3405	0.18	0.379941402	count	1
MMP25	1.0143572	0.5753312	1.7631	0.078	0.380145377	count	1
PPP2R5B	0.5304355	0.36158	1.467	0.142	0.380400317	count	1
C1orf159	0.5305521	0.390968	1.357	0.175	0.380487176	count	1
FAM201A	0.7780788	0.613428	1.2684	0.205	0.380511137	count	1
KEAP1	0.2877023	0.1774731	1.6211	0.105	0.380551538	count	1

C2orf68	0.3304332	0.2291215	1.4422	0.149	0.380819408	count	1
AL450998.2	0.3200142	0.2145426	1.4916	0.136	0.381469317	count	1
LINC01136	1.018442	0.5366604	1.8977	0.0578	0.381754099	count	1
NME4	0.2969474	0.2007279	1.4794	0.139	0.381866564	count	1
SMIM8	0.2918124	0.1866937	1.5631	0.118	0.38191893	count	1
ZNF329	0.4463442	0.40105	1.1129	0.266	0.382285281	count	1
ZNF429	0.3490904	0.2722002	1.2825	0.2	0.383385141	count	1
HDAC9	0.4696028	0.4751582	0.9883	0.323	0.383449032	count	1
HIST1H3H	0.3930201	0.3324329	1.1823	0.237	0.383497729	count	1
LINC02193	1.749765	0.6487559	2.6971	0.00703	0.383651362	count	1
TMSB4Y	1.749765	0.7315831	2.3918	0.0168	0.383651362	count	1
APOBR	0.3932133	0.2926147	1.3438	0.179	0.383690195	count	1
AXIN1	0.308054	0.2067232	1.4902	0.136	0.38376074	count	1
JUND	0.2663273	0.0258093	10.319	1.33E-24	0.383835823	count	3.23E-20
PBX2	0.3260638	0.2274494	1.4336	0.152	0.383996725	count	1
UHMK1	0.281286	0.1130644	2.4878	0.0129	0.384551059	count	1
RHOB	0.3067728	0.1913006	1.6036	0.109	0.38465153	count	1
RRP15	0.286455	0.1289934	2.2207	0.0264	0.384847218	count	1
CMC4	0.4997376	0.3946754	1.2662	0.206	0.385165324	count	1
RAB37	0.285507	0.1920523	1.4866	0.137	0.385296724	count	1
MKLN1	0.3182388	0.1817474	1.751	0.08	0.38541478	count	1
PTPN13	0.588954	0.3539716	1.6638	0.0962	0.38574332	count	1
ZNF808	0.3476426	0.2622776	1.3255	0.185	0.386156057	count	1
FMO5	1.0308056	0.8790853	1.1726	0.241	0.386621518	count	1
AC009275.1	1.0308056	0.9527714	1.0819	0.279	0.386621518	count	1
GCNT4	0.3563906	0.2281147	1.5623	0.118	0.38667336	count	1
TUT1	0.3667621	0.2909776	1.2604	0.208	0.386852978	count	1
PAFAH2	0.3667621	0.3279202	1.1184	0.263	0.386852978	count	1
ABHD6	0.451667	0.3535232	1.2776	0.201	0.386975029	count	1
BCAT2	0.3087713	0.2624793	1.1764	0.24	0.387175175	count	1
ATPAF2	0.4073218	0.3023464	1.3472	0.178	0.387354363	count	1
ZNF529-AS1	0.5025558	0.5372138	0.9355	0.35	0.387413012	count	1
C5orf15	0.2970724	0.1707862	1.7394	0.082	0.387639222	count	1
HSPA2	0.3624535	0.2630282	1.378	0.168	0.388021209	count	1
FAM118B	0.3532954	0.315615	1.1194	0.263	0.388069423	count	1
IL17RC	0.6686961	0.9295162	0.7194	0.472	0.388170437	count	1
AL159169.2	1.0349371	1.136108	0.9109	0.362	0.388247236	count	1
ZNF879	0.503661	0.7086059	0.7108	0.477	0.388294622	count	1
WDR77	0.3205996	0.2153257	1.4889	0.137	0.388299524	count	1
AC092295.2	0.5036891	0.8056734	0.6252	0.532	0.388317017	count	1
AC006033.2	0.5036891	0.9102092	0.5534	0.58	0.388317017	count	1
VPS52	0.34972	0.4809903	0.7271	0.467	0.388495184	count	1
DRAM2	0.2843394	0.1290516	2.2033	0.0276	0.38873654	count	1
STX5	0.2992557	0.143669	2.083	0.0373	0.389221576	count	1
CSRNP1	0.2775335	0.0762971	3.6375	0.000279	0.38984094	count	1

GAREM2	0.5951573	0.664365	0.8958	0.37	0.389984476	count	1
UBE2F	0.2870993	0.1381156	2.0787	0.0377	0.39014196	count	1
TWSG1	0.437475	0.3915956	1.1172	0.264	0.39029035	count	1
FUNDC1	0.3029045	0.1990367	1.5219	0.128	0.390370569	count	1
OSBPL7	0.544092	0.3286759	1.6554	0.0979	0.390578506	count	1
PLCXD1	0.7985363	0.592602	1.3475	0.178	0.391067705	count	1
HDGFL3	0.3708325	0.243089	1.5255	0.127	0.391217891	count	1
CDK10	0.3035598	0.1730661	1.754	0.0795	0.391219903	count	1
PTCH2	0.6737566	0.4931166	1.3663	0.172	0.391253015	count	1
PRAG1	0.4015413	0.276837	1.4505	0.147	0.39198894	count	1
SRR	0.4799944	0.5686739	0.8441	0.399	0.392203445	count	1
SDF2	0.2807711	0.0999584	2.8089	0.005	0.392211217	count	1
IL18RAP	0.3493931	0.196688	1.7764	0.0758	0.39222064	count	1
CORO2A	0.3929925	0.2717038	1.4464	0.148	0.392520186	count	1
AC015802.6	0.5990715	0.3808939	1.5728	0.116	0.392661517	count	1
AC132192.2	0.6765093	0.3408025	1.985	0.0472	0.392930167	count	1
SRD5A3	0.3110377	0.2253226	1.3804	0.168	0.393465438	count	1
NPC1	0.4815831	0.2583583	1.864	0.0624	0.393542485	count	1
FAM41C	0.441094	0.522449	0.8443	0.399	0.393604311	count	1
ZNF18	0.3862577	0.3171448	1.2179	0.223	0.393724199	count	1
EEFSEC	0.3322414	0.1946349	1.707	0.0879	0.393837811	count	1
LINC00847	0.3050506	0.2294123	1.3297	0.184	0.393929735	count	1
NPHP3	0.3630199	0.2399459	1.5129	0.13	0.393974851	count	1
ZNF461	0.8051827	0.6106602	1.3185	0.187	0.394498413	count	1
MKL1	0.3450521	0.3108549	1.11	0.267	0.394572565	count	1
SNX12	0.4150437	0.3351377	1.2384	0.216	0.394864968	count	1
B3GLCT	0.6023325	0.4499705	1.3386	0.181	0.39489238	count	1
ZSCAN21	0.511996	0.4321289	1.1848	0.236	0.394945769	count	1
ZNF717	1.0538117	0.570895	1.8459	0.065	0.39566874	count	1
B4GALT7	0.3096827	0.1973596	1.5691	0.117	0.395716147	count	1
ZNF8	0.8080128	0.4242453	1.9046	0.0569	0.395959336	count	1
BCAR3	1.811195	0.9270322	1.9538	0.0508	0.39596986	count	1
AC002467.1	0.4059278	0.4704766	0.8628	0.388	0.396361981	count	1
NCS1	0.5142575	0.6030313	0.8528	0.394	0.39675114	count	1
HIST2H2AB	0.5142575	0.6657918	0.7724	0.44	0.39675114	count	1
ANGPTL6	0.8098247	0.7906047	1.0243	0.306	0.396894718	count	1
LPCAT1	0.3107535	0.2361353	1.316	0.188	0.397092892	count	1
NUGGC	0.514813	0.3578974	1.4384	0.15	0.397194687	count	1
PGBD4	0.683687	0.6622669	1.0323	0.302	0.397304457	count	1
BLK	0.4868449	0.6364622	0.7649	0.444	0.397978546	count	1
AL162377.1	0.3545679	0.2996575	1.1832	0.237	0.398106853	count	1
TMEM19	0.3364434	0.2785586	1.2078	0.227	0.398869947	count	1
DOK2	0.2791861	0.0606535	4.603	4.32E-06	0.399047174	count	0.10395216
MYLPF	0.5555694	0.5670354	0.9798	0.327	0.399140783	count	1
TMEM214	0.3915617	0.2950021	1.3273	0.184	0.399232305	count	1

HSPA14	0.3731476	0.2380602	1.5675	0.117	0.399653345	count	1
LINC01918	1.0671373	0.9598901	1.1117	0.266	0.40090239	count	1
CTXN1	1.0671373	1.0350485	1.031	0.303	0.40090239	count	1
AP001267.1	1.0671373	1.08764	0.9811	0.327	0.40090239	count	1
AC007383.2	0.5580796	0.5846393	0.9546	0.34	0.401014368	count	1
METTL7A	1.0678675	0.5749661	1.8573	0.0634	0.401189029	count	1
C22orf15	1.0681966	0.7407817	1.442	0.149	0.401318215	count	1
EGLN2	1.0681966	0.8801521	1.2137	0.225	0.401318215	count	1
AL157938.3	0.3697399	0.3911067	0.9454	0.345	0.401379068	count	1
ANAPC2	0.8198356	0.4239715	1.9337	0.0532	0.402063107	count	1
NLRC5	0.3052337	0.1582853	1.9284	0.0539	0.402351601	count	1
ZNF726	0.6927462	0.6927935	0.9999	0.317	0.402827597	count	1
DUBR	0.6927462	0.7796334	0.8886	0.374	0.402827597	count	1
CPSF4	0.3295049	0.2218655	1.4852	0.138	0.402869159	count	1
QSER1	0.3523101	0.3078985	1.1442	0.253	0.402974515	count	1
COPS7B	0.3423698	0.2361246	1.45	0.147	0.403406595	count	1
PVALB	1.073696	0.3943897	2.7224	0.00651	0.403476306	count	1
FBXO46	0.3767327	0.3201656	1.1767	0.239	0.403554538	count	1
C2CD3	0.4524297	0.3691116	1.2257	0.22	0.403990329	count	1
LINC00861	0.298078	0.1264928	2.3565	0.0185	0.404642235	count	1
RRP8	0.3228514	0.1954061	1.6522	0.0986	0.404959821	count	1
PHOSPHO2	0.4953357	0.4110379	1.2051	0.228	0.405140596	count	1
AC011476.3	0.4956005	0.5995385	0.8266	0.409	0.405364033	count	1
ATL1	0.826568	0.5766625	1.4334	0.152	0.405539209	count	1
ALPK1	0.4400008	0.3830945	1.1485	0.251	0.406657164	count	1
TRERF1	0.4273856	0.2857218	1.4958	0.135	0.406877638	count	1
POC5	0.3101896	0.1876513	1.653	0.0984	0.407269332	count	1
PUDP	0.3995154	0.3742049	1.0676	0.286	0.407495533	count	1
DNLZ	0.566963	0.313707	1.8073	0.0708	0.407647483	count	1
VARS2	0.7013975	0.460103	1.5244	0.127	0.408104184	count	1
CHPF2	0.3810761	0.2503018	1.5225	0.128	0.408281951	count	1
PGBD2	0.4293722	0.2662439	1.6127	0.107	0.408812187	count	1
HAR1A	0.418516	0.3509439	1.1925	0.233	0.408918737	count	1
LDAH	0.4094419	0.3219042	1.2719	0.203	0.409283531	count	1
AZIN1-AS1	0.7034362	0.6894239	1.0203	0.308	0.409347929	count	1
CYTH4	0.3119471	0.1474626	2.1154	0.0345	0.410154923	count	1
TNFSF4	0.4784487	0.4154481	1.1516	0.25	0.410600486	count	1
NEK4	0.4787307	0.3519017	1.3604	0.174	0.4108495	count	1
RNF166	0.2923833	0.0851792	3.4326	0.000605	0.410953423	count	1
RAB25	1.8882125	1.184123	1.5946	0.111	0.411007768	count	1
EHHADH	0.6269631	0.6769564	0.9261	0.354	0.411757141	count	1
RINT1	0.3797881	0.2672562	1.4211	0.155	0.412455522	count	1
VARS	0.4332499	0.3250617	1.3328	0.183	0.412589036	count	1
ARL6IP6	0.3018561	0.1132248	2.666	0.00771	0.412751136	count	1
LINC01597	0.6287225	0.7287443	0.8627	0.388	0.412962765	count	1

TMEM202-AS1	0.7102795	0.4338998	1.637	0.102	0.413523486	count	1
PEAK1	0.4820159	0.4305773	1.1195	0.263	0.413750763	count	1
PSTPIP2	0.3468371	0.1810336	1.9159	0.0555	0.41377219	count	1
FOXA3	0.8426205	0.9116083	0.9243	0.355	0.413828023	count	1
DDX55	0.3187414	0.1671901	1.9065	0.0567	0.414703328	count	1
GIN1	0.3870678	0.3282909	1.179	0.238	0.414805301	count	1
KAZN	1.1027351	0.8862149	1.2443	0.213	0.414855781	count	1
TMUB2	0.3065492	0.1454082	2.1082	0.0351	0.415168966	count	1
AC020659.1	0.6320951	0.5199705	1.2156	0.224	0.415274168	count	1
AC005921.2	0.3288367	0.1793975	1.833	0.0669	0.416137978	count	1
MCM4	0.4849559	0.4909651	0.9878	0.323	0.416347741	count	1
CRIP1	0.2926285	0.0640839	4.5663	5.14E-06	0.416607437	count	0.1236427
MYO1F	0.2991617	0.105859	2.826	0.00474	0.416996688	count	1
RNF146	0.3248217	0.1734106	1.8731	0.0611	0.417047781	count	1
MSANTD3	0.349597	0.2104367	1.6613	0.0967	0.417097973	count	1
RAP1GAP2	1.108778	0.3534113	3.1374	0.00172	0.417220043	count	1
ZNF831	0.3044556	0.0999975	3.0446	0.00235	0.418377624	count	1
CCL3L1	0.3118435	0.2045864	1.5243	0.128	0.418746812	count	1
AC018647.2	0.5114606	0.5545213	0.9223	0.356	0.418754124	count	1
GATD1	0.3766128	0.2924007	1.288	0.198	0.418799433	count	1
STARD4	0.4528422	0.3767462	1.202	0.229	0.418821993	count	1
TBKBP1	0.5117803	0.507956	1.0075	0.314	0.41902417	count	1
KLF7	0.5422409	0.3788913	1.4311	0.152	0.419114943	count	1
FO XK1	0.3337775	0.2125773	1.5701	0.116	0.420038256	count	1
SLFN13	0.397793	0.3442484	1.1555	0.248	0.420155949	count	1
THRA	0.3216618	0.1824353	1.7632	0.078	0.420551479	count	1
CD69	0.292028	0.0394851	7.3959	1.76E-13	0.420787596	count	4.27E-09
MHENC R	0.3156844	0.1558952	2.025	0.0429	0.420899687	count	1
SFXN4	0.3831555	0.2763061	1.3867	0.166	0.421364091	count	1
LHPP	0.3990057	0.255948	1.5589	0.119	0.421458656	count	1
UBXN8	0.4215614	0.3312433	1.2727	0.203	0.421645538	count	1
CDIP1	0.3376719	0.2039137	1.656	0.0978	0.422347707	count	1
MMP2	0.5464421	0.7417053	0.7367	0.461	0.422476163	count	1
ALDH18A1	0.4579376	0.354132	1.2931	0.196	0.423651796	count	1
FAM122B	0.4014456	0.254346	1.5783	0.115	0.424079896	count	1
GTF2H2	0.4450815	0.3309758	1.3448	0.179	0.424118813	count	1
PTCD1	0.5898954	0.5291805	1.1147	0.265	0.42478866	count	1
TMEM45B	0.8639401	0.6989426	1.2361	0.217	0.424836479	count	1
MRPS30-DT	0.8639401	0.8978142	0.9623	0.336	0.424836479	count	1
BORCS5	0.3149952	0.1385062	2.2742	0.023	0.424932572	count	1
CHST7	0.3399739	0.2067133	1.6447	0.1	0.42524875	count	1
ZNF181	0.3824879	0.3294995	1.1608	0.246	0.425425358	count	1
NSUN2	0.3869019	0.2313133	1.6726	0.0945	0.425545088	count	1
ARRDC4	1.130424	0.6300298	1.7942	0.0729	0.425677057	count	1
AC120049.1	1.130424	0.6300298	1.7942	0.0729	0.425677057	count	1

RHOQ	0.3382377	0.2120939	1.5948	0.111	0.425691812	count	1
ANKRD53	1.96659	1.257035	1.5645	0.118	0.425825734	count	1
RBM43	0.3297721	0.1883328	1.751	0.08	0.426043389	count	1
FCGR3B	0.6484004	0.4431922	1.463	0.144	0.426454857	count	1
PLD1	1.1329868	0.7695102	1.4723	0.141	0.426677256	count	1
S100P	1.1329868	0.9959766	1.1376	0.255	0.426677256	count	1
RNF20	0.3285287	0.1962172	1.6743	0.0942	0.426773537	count	1
AC005332.1	0.3699228	0.3138592	1.1786	0.239	0.426898428	count	1
DDIT4	0.2978707	0.0395808	7.5256	6.68E-14	0.428286601	count	1.62E-09
RFESD	0.4380085	0.4013071	1.0915	0.275	0.42838267	count	1
RGS3	0.3503487	0.243564	1.4384	0.15	0.428582413	count	1
GFOD1	0.38559	0.3193418	1.2075	0.227	0.42892466	count	1
TMEM231	0.8718592	0.6057804	1.4392	0.15	0.428925104	count	1
AC012360.1	1.1392166	0.8259033	1.3794	0.168	0.429107028	count	1
AC004241.1	0.5554774	0.5559465	0.9992	0.318	0.429708043	count	1
RNF11	0.3167214	0.1304075	2.4287	0.0152	0.429779247	count	1
ITPK1	0.3563261	0.2434401	1.4637	0.143	0.429845594	count	1
G6PD	0.3365397	0.1829528	1.8395	0.0659	0.430259163	count	1
ZNF664	0.3959452	0.253044	1.5647	0.118	0.430278476	count	1
AL031848.2	0.5009476	0.4542204	1.1029	0.27	0.430482568	count	1
SPATC1L	0.3360613	0.2805923	1.1977	0.231	0.430623106	count	1
DCLRE1A	0.4653726	0.3998781	1.1638	0.245	0.430702098	count	1
TEPSIN	0.4520813	0.291409	1.5514	0.121	0.430944097	count	1
ZNF469	0.7396908	0.8489115	0.8713	0.384	0.431480853	count	1
AC019131.2	0.5270778	0.6917894	0.7619	0.446	0.431953156	count	1
TKTL1	0.5995209	0.5848614	1.0251	0.305	0.431990486	count	1
AC068620.1	1.1485522	1.111318	1.0335	0.301	0.432745014	count	1
SENCR	0.6007353	0.4985525	1.205	0.228	0.432899376	count	1
AC020916.1	0.3080277	0.1043598	2.9516	0.00318	0.433460167	count	1
UBL7	0.3292119	0.1815152	1.8137	0.0698	0.4335478	count	1
PDIA5	1.153101	0.8040185	1.4342	0.152	0.434516224	count	1
C16orf54	0.3068108	0.0833262	3.682	0.000235	0.434814283	count	1
DDX20	0.3515666	0.2294565	1.5322	0.126	0.43530418	count	1
GPR160	0.4567396	0.3596398	1.27	0.204	0.435487867	count	1
DPH7	0.3550443	0.1951747	1.8191	0.069	0.436216607	count	1
MYO6	0.40207	0.3241867	1.2402	0.215	0.437038622	count	1
AC110769.2	0.7490696	0.3836512	1.9525	0.051	0.437210421	count	1
TRBV2	2.0299301	1.123452	1.8069	0.0709	0.437429556	count	1
BLZF1	0.3372885	0.1756873	1.9198	0.055	0.437440642	count	1
MACROD1	0.459075	0.4176074	1.0993	0.272	0.437766329	count	1
ATAD5	0.3524975	0.2327225	1.5147	0.13	0.438056326	count	1
AC007384.1	0.3863076	0.2430889	1.5892	0.112	0.438444638	count	1
TELO2	0.4153621	0.2789251	1.4892	0.137	0.439037335	count	1
SH2B3	0.4487512	0.3197998	1.4032	0.161	0.439119481	count	1
NECAB1	2.0404035	1.204331	1.6942	0.0903	0.439315656	count	1

AC087190.1	0.3563479	0.2378	1.4985	0.134	0.439592373	count	1
MXRA7	0.3216105	0.1518556	2.1179	0.0343	0.439840131	count	1
GLMP	0.4168426	0.2719473	1.5328	0.125	0.440629225	count	1
AGO4	0.3924939	0.2555325	1.536	0.125	0.441293059	count	1
TRNT1	0.3285976	0.1775317	1.8509	0.0643	0.441330842	count	1
WDR11	0.3925762	0.2157755	1.8194	0.0689	0.44138686	count	1
AGTPBP1	0.3436954	0.178738	1.9229	0.0546	0.441433412	count	1
PRCC	0.3427094	0.1517357	2.2586	0.024	0.441988072	count	1
KLHDC4	0.3352058	0.1646941	2.0353	0.0419	0.442053975	count	1
HIST1H2AM	0.6131551	0.8165072	0.7509	0.453	0.442198165	count	1
AC092142.1	0.7572888	0.9382392	0.8071	0.42	0.442232581	count	1
AL034397.3	0.7572888	0.9401629	0.8055	0.421	0.442232581	count	1
TMEM53	0.4023029	0.4306227	0.9342	0.35	0.44274076	count	1
ALKBH4	0.3808688	0.3053916	1.2471	0.212	0.443084238	count	1
ATR	0.3737172	0.2038397	1.8334	0.0668	0.443545673	count	1
HIST1H1A	0.376201	0.4564681	0.8242	0.41	0.443720584	count	1
TIGD1	0.5730815	0.4544691	1.261	0.207	0.443809691	count	1
BAIAP2	0.4203751	0.513837	0.8181	0.413	0.444427973	count	1
GBA2	0.4544771	0.362756	1.2528	0.21	0.444844964	count	1
BCDIN3D	0.4045926	0.3013305	1.3427	0.179	0.44529836	count	1
C11orf71	0.3827894	0.2666015	1.4358	0.151	0.445344913	count	1
ZNF213-AS1	0.4284851	0.3327728	1.2876	0.198	0.445738073	count	1
CHCHD6	0.4979131	0.3300327	1.5087	0.131	0.445744126	count	1
SLC23A2	0.5187638	0.3523475	1.4723	0.141	0.446246932	count	1
AC105020.6	0.6779285	0.4369729	1.5514	0.121	0.446724377	count	1
AC009831.1	0.5768493	0.4883941	1.1811	0.238	0.446829704	count	1
NCF2	0.7657749	0.6017436	1.2726	0.203	0.447418652	count	1
C3orf33	0.6789992	0.4867378	1.395	0.163	0.44745984	count	1
ZNF883	0.7662769	0.7778828	0.9851	0.325	0.447725478	count	1
BCAR1	2.0877644	1.7931967	1.1643	0.2444	0.447727315	count	1
ARIH2OS	0.3880684	0.2627225	1.4771	0.14	0.448099167	count	1
PTPN12	0.344277	0.185831	1.8526	0.064	0.448114483	count	1
AC005920.1	0.9096016	0.625492	1.4542	0.146	0.448404042	count	1
SAP130	0.5212037	0.3464398	1.5045	0.133	0.448407144	count	1
LINC02298	0.6218353	0.6200044	1.003	0.316	0.448700574	count	1
TMED7	0.3570253	0.1782651	2.0028	0.0453	0.449514192	count	1
AC020656.2	2.0987239	1.167968	1.7969	0.0724	0.449646282	count	1
AL356481.1	2.0987239	1.300182	1.6142	0.107	0.449646282	count	1
XPNPEP3	0.4712778	0.2773027	1.6995	0.0893	0.449676636	count	1
ITGB2	0.3140947	0.0479831	6.5459	6.80E-11	0.449935255	count	1.65E-06
SMAD2	0.3291369	0.1254775	2.6231	0.00875	0.450162746	count	1
POLA1	0.771042	0.6151229	1.2535	0.21	0.450637868	count	1
CPEB4	0.3630033	0.2013864	1.8025	0.0716	0.451218713	count	1
SLC27A3	0.3643178	0.2588334	1.4075	0.159	0.451224912	count	1
KBTBD4	0.3941906	0.2185339	1.8038	0.0714	0.451510981	count	1

SPA17	0.9163544	0.6364525	1.4398	0.15	0.451887302	count	1
NPRL3	0.3573222	0.2201867	1.6228	0.105	0.452447398	count	1
AC078883.1	0.7740342	0.4907121	1.5774	0.115	0.452466813	count	1
FAM27C	0.5261843	0.4158966	1.2652	0.206	0.452817709	count	1
AC006299.1	0.6873206	0.7688176	0.894	0.371	0.453176591	count	1
MED18	0.3924336	0.345686	1.1352	0.256	0.453201691	count	1
SRP14-AS1	0.4526005	0.3260828	1.388	0.165	0.453345732	count	1
GPAT2	0.5272566	0.6695683	0.7875	0.431	0.453767459	count	1
B4GALT5	0.3762622	0.2101651	1.7903	0.0735	0.454134212	count	1
C11orf98	0.453629	0.3579138	1.2674	0.205	0.454397072	count	1
ENO1-AS1	0.9215564	0.535083	1.7223	0.0851	0.454570106	count	1
LAMP1	0.3225343	0.0808894	3.9873	6.82E-05	0.454608665	count	1
NR4A1	0.3268866	0.1162594	2.8117	0.00496	0.45491274	count	1
CAPS	0.4456253	0.3738419	1.192	0.233	0.455475901	count	1
HIST1H2BI	0.9244859	1.025184	0.9018	0.367	0.456080714	count	1
DARS2	0.5891005	0.4383214	1.344	0.179	0.456653566	count	1
SNHG22	0.9256867	0.4825995	1.9181	0.0552	0.456699859	count	1
AC087623.3	0.4029749	0.3148269	1.28	0.201	0.457616315	count	1
ZNF280B	0.6948436	0.4380805	1.5861	0.113	0.458346255	count	1
PTPN4	0.3265669	0.0878383	3.7178	0.000204	0.458610409	count	1
LPP-AS2	0.7844472	0.9209816	0.8518	0.394	0.458832008	count	1
AL021068.1	2.1523547	1.332971	1.6147	0.106	0.458886115	count	1
LINC00235	2.1523547	1.384089	1.5551	0.12	0.458886115	count	1
BOLA3-AS1	0.5136645	0.529378	0.9703	0.332	0.460230992	count	1
CHST14	0.4704611	0.4008526	1.1737	0.241	0.460837312	count	1
PLAG1	1.2212073	0.5739705	2.1276	0.0334	0.460913585	count	1
IL4	0.6993481	0.4976267	1.4054	0.16	0.461442228	count	1
COX16	0.4067381	0.3073084	1.3235	0.186	0.461946811	count	1
PLD3	0.3437848	0.1552761	2.214	0.0269	0.462177961	count	1
WDPCP	0.4848939	0.4557961	1.0638	0.287	0.462975886	count	1
HIST1H4H	0.4729286	0.415255	1.1389	0.255	0.463307301	count	1
MAIP1	0.41747	0.305097	1.3683	0.171	0.46491575	count	1
TMEM69	0.3915503	0.2444981	1.6014	0.109	0.464942646	count	1
FBXL19	0.540276	0.5511175	0.9803	0.327	0.465303184	count	1
BTLA	0.4469837	0.2176948	2.0533	0.0401	0.465341131	count	1
TAZ	0.3467239	0.1381914	2.509	0.0122	0.465390063	count	1
AL357060.1	0.3697418	0.1894601	1.9516	0.0511	0.465645534	count	1
DNA2	0.7066145	0.6013202	1.1751	0.24	0.466437337	count	1
AL135791.1	0.7975185	0.4299633	1.8549	0.0637	0.466822871	count	1
SERPINB6	0.3432266	0.1248306	2.7495	0.006	0.467183081	count	1
LINC00471	2.2020837	1.02778	2.1426	0.0322	0.467228434	count	1
NDUFV2-AS1	0.3761914	0.1819404	2.0677	0.0387	0.467747397	count	1
CCDC86	0.4580682	0.3151532	1.4535	0.146	0.468443784	count	1
TXNL4B	0.4502002	0.2540876	1.7718	0.0765	0.468751461	count	1
MPRIIP-AS1	0.8011832	0.567568	1.4116	0.158	0.469063305	count	1

AL157756.1	2.2138075	1.159166	1.9098	0.0562	0.469163367	count	1
AL157955.1	1.2432033	1.346111	0.9236	0.356	0.469384934	count	1
XKR6	0.6051994	0.3572809	1.6939	0.0904	0.469571864	count	1
AL353708.3	0.6497639	0.4695514	1.3838	0.167	0.469639344	count	1
SLC2A1	0.3664851	0.1976611	1.8541	0.0638	0.469866928	count	1
CD7	0.3286156	0.0595046	5.5225	3.59E-08	0.469945931	count	0.00086738
DLEC1	2.2257838	1.285506	1.7314	0.0835	0.471127446	count	1
AC005498.3	0.8052457	0.8402485	0.9583	0.338	0.471546916	count	1
CENPT	0.4151265	0.1979331	2.0973	0.036	0.47160208	count	1
LINC00659	0.9568394	0.7620505	1.2556	0.209	0.472752247	count	1
TULP3	0.6539998	0.4259509	1.5354	0.125	0.472817161	count	1
SKIV2L	0.471657	0.2955956	1.5956	0.111	0.472834177	count	1
KLRC4	0.3879288	0.2509788	1.5457	0.122	0.472886406	count	1
KLRK1	0.471934	0.4883152	0.9665	0.334	0.473117586	count	1
RFC2	0.3640721	0.2109968	1.7255	0.0845	0.473218754	count	1
C1orf61	0.8098622	0.5085943	1.5924	0.111	0.474369226	count	1
ZNF599	0.5506907	0.5049882	1.0905	0.276	0.474536604	count	1
AL136295.5	0.810617	0.3544368	2.2871	0.0223	0.474830669	count	1
ETNK2	0.6117614	0.5546428	1.103	0.27	0.474840065	count	1
FASTKD2	0.3783748	0.1879912	2.0127	0.0442	0.475165963	count	1
RASGRP2	0.3427001	0.1165747	2.9397	0.00331	0.475360865	count	1
RUNX1	0.3685423	0.1517003	2.4294	0.0152	0.475513855	count	1
AF196972.1	0.8122326	1.0009789	0.8114	0.417	0.475818371	count	1
CHRNE	0.6134447	0.5397284	1.1366	0.256	0.476191743	count	1
FDXACB1	0.4376173	0.3873709	1.1297	0.259	0.476311928	count	1
TOGARAM1	0.415658	0.215657	1.9274	0.054	0.476423301	count	1
AL645728.1	0.4861516	0.3286631	1.4792	0.139	0.476548862	count	1
UCP3	2.2603104	1.502625	1.5042	0.133	0.476718503	count	1
TAF9B	0.4237915	0.2671281	1.5865	0.113	0.476987191	count	1
WDHD1	0.5535119	0.4558363	1.2143	0.225	0.477038624	count	1
LRRC2	0.6597748	0.5752361	1.147	0.251	0.477150365	count	1
SLC39A4	0.3837683	0.2027587	1.8927	0.0585	0.477246309	count	1
AC009041.1	0.66013	0.4164352	1.5852	0.113	0.477416933	count	1
PWWP2B	0.4132761	0.2659041	1.5542	0.12	0.477576566	count	1
AC009163.7	2.2723332	1.237758	1.8358	0.0665	0.478640591	count	1
ZSCAN31	2.2723332	1.274874	1.7824	0.0748	0.478640591	count	1
NAIF1	1.2678525	0.6545485	1.937	0.0528	0.478843042	count	1
AL162258.2	1.2678525	0.9218738	1.3753	0.169	0.478843042	count	1
PANK4	0.5011481	0.3704251	1.3529	0.176	0.478864101	count	1
TM7SF2	0.4182081	0.2438082	1.7153	0.0864	0.479383984	count	1
PDZD4	0.7254592	0.40943	1.7719	0.0765	0.479395842	count	1
DHX34	0.5562873	0.4825182	1.1529	0.249	0.479500358	count	1
SLC24A1	0.8189933	0.7874485	1.0401	0.298	0.479951407	count	1
INPP5E	0.7263675	0.3293795	2.2053	0.0275	0.480020545	count	1
RPH3AL	0.9714522	0.6264805	1.5507	0.121	0.480273863	count	1

SFXN5	0.584145	0.389152	1.5011	0.133	0.480285702	count	1
DNAL4	0.406855	0.2694408	1.51	0.131	0.480293641	count	1
ERGIC1	0.3944331	0.1760217	2.2408	0.0251	0.480889875	count	1
MCEE	0.4419268	0.307691	1.4363	0.151	0.481077321	count	1
ZNF724	0.6660554	0.7475698	0.891	0.373	0.481863916	count	1
NUDT17	0.6208662	0.5132437	1.2097	0.226	0.482152184	count	1
ATRN	0.5205713	0.4049954	1.2854	0.199	0.483139157	count	1
DEGS2	0.5875357	0.6826557	0.8607	0.389	0.483161736	count	1
AC007032.1	0.668561	0.59155	1.1302	0.258	0.483744608	count	1
GUF1	0.4651848	0.276369	1.6832	0.0924	0.484645675	count	1
NRL	0.669846	0.4876431	1.3736	0.17	0.484709206	count	1
TDRD12	0.6704844	0.6895268	0.9724	0.331	0.485188407	count	1
CUL4B	0.4269515	0.237217	1.7998	0.072	0.485218279	count	1
GEMIN6	0.3733886	0.2082092	1.7933	0.073	0.486226977	count	1
MAST3	0.4074752	0.2500727	1.6294	0.103	0.486921575	count	1
AL035413.1	0.6728805	0.6585582	1.0217	0.307	0.486987166	count	1
KCTD2	0.4969289	0.376149	1.3211	0.187	0.487347471	count	1
AC099568.2	2.3281351	1.291272	1.803	0.0715	0.487393209	count	1
FEM1A	0.5104671	0.313591	1.6278	0.104	0.487978893	count	1
IVD	0.3952661	0.2004021	1.9724	0.0486	0.488034882	count	1
NR2C1	0.4191251	0.2033592	2.061	0.0394	0.488145523	count	1
POU6F1	0.6294696	0.6245696	1.0078	0.314	0.489063962	count	1
CDKN2AIPNL	0.3865999	0.1962439	1.97	0.0489	0.489794847	count	1
ST6GAL1	0.4062587	0.1769987	2.2953	0.0218	0.490709849	count	1
NEK5	1.300116	0.854854	1.5209	0.128	0.491163009	count	1
C3	1.300116	0.9884464	1.3153	0.188	0.491163009	count	1
LINC01684	1.3008376	0.76889	1.6918	0.0908	0.491437707	count	1
MCU	0.6794547	0.5202972	1.3059	0.192	0.491923011	count	1
NSUN4	0.4810859	0.3287337	1.4635	0.143	0.492452607	count	1
TINAGL1	0.6801655	0.591892	1.1491	0.251	0.492456715	count	1
RPE	0.4468988	0.2697559	1.6567	0.0977	0.492600573	count	1
COQ7	0.3977575	0.2047629	1.9425	0.0522	0.493004697	count	1
SLC2A8	0.4915131	0.3747127	1.3117	0.19	0.493159158	count	1
ARHGEF19	0.4180841	0.3119167	1.3404	0.18	0.493700626	count	1
SLC9A1	0.5338273	0.369903	1.4432	0.149	0.495753718	count	1
HNRNPH1	0.347412	0.0526007	6.6047	4.61E-11	0.496010504	count	1.12E-06
AC108488.1	1.313008	1.050812	1.2495	0.212	0.49606577	count	1
ALAD	0.4371702	0.2677351	1.6328	0.103	0.496989624	count	1
HOXA4	0.6394392	0.9876623	0.6474	0.517	0.497076006	count	1
CCDC43	0.3759145	0.1815794	2.0702	0.0385	0.497245008	count	1
ZNF350	0.4116277	0.2409066	1.7087	0.0876	0.497259962	count	1
AGPAT1	0.4080998	0.2178008	1.8737	0.0611	0.497711497	count	1
ARV1	0.3928929	0.2267969	1.7324	0.0833	0.497825783	count	1
AC009053.2	0.8521535	0.5721731	1.4893	0.136	0.500219518	count	1
IQCK	2.420021	1.065781	2.2707	0.0232	0.501202202	count	1

PHLDA1	0.3591445	0.1054846	3.4047	0.00067	0.501397679	count	1
ZNF646	0.7576468	0.5426469	1.3962	0.163	0.50153933	count	1
THUMPD2	0.4411218	0.2444541	1.8045	0.0712	0.501542773	count	1
ETV1	0.8543475	0.6947783	1.2297	0.219	0.501560143	count	1
AC091814.1	1.0130763	0.6058861	1.6721	0.0946	0.50166296	count	1
TRGV2	0.4064706	0.3283768	1.2378	0.216	0.501991197	count	1
IGF1R	0.7584756	0.4285198	1.77	0.0768	0.50210961	count	1
MUC12	0.5405977	0.5452698	0.9914	0.322	0.502199304	count	1
SUV39H1	0.8561437	0.5166577	1.6571	0.0976	0.502657667	count	1
MAGED1	0.4357439	0.2567227	1.6973	0.0897	0.503872662	count	1
ZEB2	0.3634832	0.1158032	3.1388	0.00171	0.504003175	count	1
FAM3A	0.3816331	0.1640531	2.3263	0.0201	0.504230718	count	1
CTSO	0.4438412	0.3553623	1.249	0.212	0.504676491	count	1
AL355001.2	0.5625306	0.3593324	1.5655	0.118	0.505247189	count	1
COQ8A	0.4167226	0.246621	1.6897	0.0912	0.505964126	count	1
ADAM8	0.3754192	0.1317329	2.8499	0.0044	0.506403466	count	1
TMEM94	0.6991206	0.5264712	1.3279	0.184	0.506692766	count	1
AC245060.6	1.3414229	0.8125415	1.6509	0.0989	0.506829173	count	1
MTO1	0.4500677	0.2075923	2.168	0.0302	0.506988337	count	1
TMEM220	1.0236787	0.6769287	1.5122	0.131	0.507101285	count	1
GATD3A	0.865672	1.0931948	0.7919	0.428	0.508478957	count	1
LLGL2	0.3854623	0.1555755	2.4777	0.0133	0.509314948	count	1
PECAM1	0.461887	0.356196	1.2967	0.195	0.509377881	count	1
ZNF595	0.703376	0.5210199	1.35	0.177	0.509889549	count	1
ZNF322	0.4294579	0.2684408	1.5998	0.11	0.510468408	count	1
BOLA1	0.445647	0.2823262	1.5785	0.115	0.511257494	count	1
PLEKHA4	0.8708547	0.6303451	1.3816	0.167	0.511644741	count	1
RBM14-RBM4	1.3550087	0.9167969	1.478	0.14	0.51195377	count	1
AL356512.1	0.7738902	0.4037379	1.9168	0.0553	0.512716322	count	1
ZNF628	0.4920385	0.3220432	1.5279	0.127	0.513154685	count	1
IL1R2	0.7081794	0.6876089	1.0299	0.303	0.513498237	count	1
AC087741.1	0.7752397	0.4395127	1.7639	0.0778	0.513644936	count	1
EPS8L2	0.3980768	0.1741293	2.2861	0.0223	0.513866056	count	1
LINC00987	0.493316	0.3516448	1.4029	0.161	0.514511676	count	1
ZNF532	0.7793304	0.4616602	1.6881	0.0915	0.51645975	count	1
ATF3	0.3781017	0.1393954	2.7124	0.00671	0.516626582	count	1
OR2A1-AS1	1.3695306	0.7563403	1.8107	0.0703	0.517415521	count	1
GNS	0.4749742	0.3856521	1.2316	0.218	0.517647423	count	1
TMEM130	1.3703991	0.6784266	2.02	0.0435	0.517741599	count	1
TMEM80	0.4096753	0.1974232	2.0751	0.0381	0.519248401	count	1
FBXL4	0.4829251	0.2528278	1.9101	0.0562	0.519426528	count	1
PGGT1B	0.4124418	0.1822781	2.2627	0.0237	0.519849373	count	1
RAP2A	0.4125398	0.2036638	2.0256	0.0429	0.519973832	count	1
AGK	0.4434634	0.2231172	1.9876	0.0469	0.520539593	count	1
THOC3	0.4011072	0.1659663	2.4168	0.0157	0.520733455	count	1

ZNF888	1.0503834	0.8234221	1.2756	0.202	0.52077837	count	1
AP002433.1	1.3798612	1.0019912	1.3771	0.169	0.521290535	count	1
FAM86B1	1.3798612	1.018418	1.3549	0.176	0.521290535	count	1
SLC12A5	1.3798612	1.173737	1.1756	0.24	0.521290535	count	1
MBD1	0.4181979	0.208854	2.0023	0.0453	0.522223776	count	1
DNAJC24	0.4042776	0.2101612	1.9237	0.0545	0.522937909	count	1
SEMA4B	0.7888187	0.670502	1.1765	0.239	0.522988632	count	1
ZNF415	0.8924333	0.8960484	0.996	0.319	0.524820515	count	1
LINC00115	0.8926216	0.5109948	1.7468	0.0808	0.524935449	count	1
ARHGEF9	0.3956694	0.1564025	2.5298	0.0115	0.525318651	count	1
AC092117.1	2.5986224	1.566724	1.6586	0.0973	0.525912508	count	1
CCDC58	0.4139767	0.2362661	1.7522	0.0798	0.526126706	count	1
AC044849.1	0.3976339	0.1203061	3.3052	0.000959	0.526740691	count	1
KIF19	0.6100535	0.415165	1.4694	0.142	0.527245336	count	1
TMEM67	0.5867922	0.3580838	1.6387	0.101	0.527631295	count	1
YPEL1	0.4413545	0.2082943	2.1189	0.0342	0.527853638	count	1
LIM2	0.8975181	0.6762778	1.3271	0.185	0.52792385	count	1
CD8A	0.3692426	0.0687272	5.3726	8.28E-08	0.528521658	count	0.001999289
SSX2IP	0.5068903	0.3028245	1.6739	0.0942	0.528934445	count	1
CROCC	0.5080637	0.2990284	1.699	0.0894	0.530181515	count	1
WVOX	0.4930077	0.285677	1.7258	0.0845	0.530454639	count	1
RWDD3	0.6436022	0.4969134	1.2952	0.195	0.530770351	count	1
MRPL23	0.3828216	0.1198244	3.1949	0.00141	0.530878284	count	1
AC093249.6	0.903034	0.6452327	1.3995	0.162	0.531289609	count	1
PPP1R16A	0.732356	0.459277	1.5946	0.111	0.531665295	count	1
AC008555.5	0.4451449	0.2818961	1.5791	0.114	0.532435477	count	1
UBA6-AS1	0.5304481	0.3923256	1.3521	0.176	0.533061905	count	1
LINC00476	0.4269586	0.2399445	1.7794	0.0753	0.53325405	count	1
MTMR9	0.4835469	0.1942903	2.4888	0.0129	0.533638635	count	1
ARMC2	0.5431769	0.4308978	1.2606	0.208	0.533742171	count	1
AL358472.5	1.0766043	0.6074417	1.7724	0.0764	0.53417572	count	1
SIK2	0.5587165	0.3081408	1.8132	0.0699	0.535227459	count	1
CD200R1	0.4360041	0.214187	2.0356	0.0419	0.536662515	count	1
AL034549.1	0.5970819	0.4991376	1.1962	0.232	0.537130185	count	1
DGKQ	0.577602	0.2849695	2.0269	0.0428	0.537457696	count	1
GNPTAB	0.3854423	0.1146337	3.3624	0.000781	0.537512385	count	1
AC025171.2	0.65157	0.4635333	1.4057	0.16	0.537542586	count	1
THG1L	0.4777753	0.2443936	1.9549	0.0507	0.538652702	count	1
AC012615.1	0.403006	0.1751961	2.3003	0.0215	0.539397658	count	1
CCR8	1.4300087	0.7181145	1.9913	0.0465	0.539973461	count	1
MEOX1	1.0886912	0.6498327	1.6753	0.094	0.540339683	count	1
PTAFR	0.9183623	0.8328526	1.1027	0.27	0.54063876	count	1
ZNF548	0.5809425	0.2874716	2.0209	0.0434	0.540642742	count	1
AL512770.1	1.4322591	0.7847701	1.8251	0.0681	0.540806699	count	1
TLR3	0.9187043	0.5966136	1.5399	0.124	0.540847298	count	1

DDN-AS1	1.4337271	0.5672093	2.5277	0.0115	0.541350022	count	1
KLRG1	0.3835612	0.0879958	4.3589	1.35E-05	0.543396077	count	0.324324
PPP1R32	1.095538	0.8448438	1.2967	0.195	0.543828035	count	1
ALG14	0.5536947	0.3244413	1.7066	0.088	0.544304122	count	1
FOXJ2	0.5214477	0.3065645	1.7009	0.089	0.544409082	count	1
CACNA1A	1.4438212	0.9344489	1.5451	0.122	0.545080705	count	1
LINC00852	1.4438212	0.9727038	1.4843	0.138	0.545080705	count	1
EPHX4	1.4438212	1.091268	1.3231	0.186	0.545080705	count	1
AL035661.1	1.0992465	0.8570673	1.2826	0.2	0.545716077	count	1
GOLIM4	0.5551441	0.3220942	1.7235	0.0849	0.54575987	count	1
SGPP1	0.4894649	0.3001551	1.6307	0.103	0.546360728	count	1
EIF2D	0.43913	0.1934775	2.2697	0.0233	0.546705881	count	1
TRAV19	1.4499583	0.9875069	1.4683	0.142	0.547344356	count	1
GPR15	1.4499583	1.018064	1.4242	0.154	0.547344356	count	1
FO393401.1	0.4235941	0.1994925	2.1234	0.0338	0.548081823	count	1
SPAG8	1.104111	0.7694465	1.4349	0.151	0.548191731	count	1
C2CD4B	1.104111	0.9412034	1.1731	0.241	0.548191731	count	1
IPP	0.4822355	0.3101424	1.5549	0.12	0.548949115	count	1
GTF2H3	0.4208705	0.1892093	2.2244	0.0262	0.549333612	count	1
TMEM251	0.4239491	0.19501	2.174	0.0298	0.549573226	count	1
FAM49A	0.4517093	0.3204112	1.4098	0.159	0.551428132	count	1
AC005614.1	0.8307931	0.8948264	0.9284	0.353	0.551863851	count	1
NRROS	0.5207396	0.4448939	1.1705	0.242	0.552600572	count	1
ZNF678	0.5132455	0.3080835	1.6659	0.0958	0.552600906	count	1
SIRT4	0.7088866	0.6178646	1.1473	0.251	0.552943733	count	1
ZNF254	0.4494395	0.2471549	1.8185	0.0691	0.553351464	count	1
TMIGD2	0.4198902	0.2304785	1.8218	0.0686	0.553636023	count	1
FAM19A1	0.9404973	0.5531097	1.7004	0.0892	0.554127445	count	1
EFCAB13	0.9404973	0.6918887	1.3593	0.174	0.554127445	count	1
SLC45A1	0.9412056	0.9025284	1.0429	0.297	0.55455877	count	1
GAS8	0.8347459	0.6311591	1.3226	0.186	0.554582005	count	1
AL391121.1	0.6414211	0.3746089	1.7122	0.0869	0.555138057	count	1
MLLT11	0.7127137	0.2897017	2.4602	0.0139	0.556024329	count	1
ZNF852	0.5655837	0.4228067	1.3377	0.181	0.556247022	count	1
BDH1	0.5973867	0.3129081	1.9091	0.0563	0.556326119	count	1
CCL28	0.4677858	0.2583988	1.8103	0.0703	0.556549295	count	1
ERICH6-AS1	0.5533573	0.336105	1.6464	0.0998	0.556565577	count	1
MAP3K10	0.4771477	0.3540834	1.3476	0.178	0.556596617	count	1
SMC5-AS1	1.1218306	0.9695658	1.157	0.247	0.557197957	count	1
PGAP3	0.4993063	0.3155033	1.5826	0.114	0.557508501	count	1
SLC39A11	0.5051678	0.30043	1.6815	0.0928	0.557871811	count	1
VPS72	0.4169772	0.1577359	2.6435	0.00824	0.558177949	count	1
ZNF14	0.478525	0.1849976	2.5867	0.00973	0.558222777	count	1
ZNF487	0.4419001	0.2765915	1.5977	0.11	0.55886942	count	1
IL10RB	1.4820835	0.9377436	1.5805	0.114	0.559136304	count	1

SH2D6	1.482328	1.624621	0.9124	0.362	0.559225608	count	1
AC120053.1	1.482328	1.624621	0.9124	0.362	0.559225608	count	1
FAM95B1	1.482328	1.624621	0.9124	0.362	0.559225608	count	1
LIN9	0.6776293	0.481076	1.4086	0.159	0.559699205	count	1
GSAP	0.4605749	0.2718573	1.6942	0.0903	0.559754453	count	1
JARID2-AS1	0.9503985	0.7209207	1.3183	0.187	0.560155788	count	1
AC048341.2	1.1280447	0.5749019	1.9622	0.0498	0.560351814	count	1
NOL12	0.4807385	0.2826751	1.7007	0.0891	0.560836341	count	1
CDKL3	0.8443779	0.4969983	1.699	0.0894	0.561204464	count	1
ADGRL1	1.1300114	0.7070831	1.5981	0.11	0.561349472	count	1
KIAA1468	0.5214162	0.2436378	2.1401	0.0324	0.561545816	count	1
LAIR2	0.4363963	0.2727301	1.6001	0.11	0.562525771	count	1
TSC22D3	0.3908177	0.0290055	13.4739	2.38E-40	0.562624739	count	5.79E-36
PYGB	0.5605278	0.3702055	1.5141	0.13	0.563925331	count	1
CD247	0.3938597	0.0580436	6.7856	1.36E-11	0.564259889	count	3.30E-07
ZNF701	0.4461518	0.2379133	1.8753	0.0608	0.564287107	count	1
FANCB	0.6523467	0.3838277	1.6996	0.0893	0.564857865	count	1
MED9	0.6070236	0.2792768	2.1736	0.0298	0.565520197	count	1
H1F0	1.1391558	0.7464028	1.5262	0.127	0.565985026	count	1
TLR1	1.502043	0.4721388	3.1814	0.00148	0.566413263	count	1
B4GAT1	0.6545419	0.412918	1.5852	0.113	0.566811015	count	1
TPCN2	2.9515644	1.221458	2.4164	0.0157	0.566824319	count	1
KPNA5	0.4495495	0.1955227	2.2992	0.0216	0.566994499	count	1
FUZ	0.7265784	0.4041419	1.7978	0.0723	0.567185022	count	1
CXCR5	0.9620638	0.4481022	2.147	0.0319	0.567253628	count	1
AL031432.3	1.504984	0.9890888	1.5216	0.128	0.567481635	count	1
FCRLB	0.6093823	0.452068	1.348	0.178	0.56777083	count	1
TNF	0.3958498	0.0857849	4.6144	4.09E-06	0.568785947	count	0.09842585
RRAS2	0.4584267	0.1974097	2.3222	0.0203	0.568893216	count	1
AC107081.2	1.5089604	0.9849919	1.532	0.126	0.568925459	count	1
ZC2HC1C	1.5089604	1.012901	1.4897	0.136	0.568925459	count	1
AC078802.1	1.5089604	1.043415	1.4462	0.148	0.568925459	count	1
ANKAR	0.4524192	0.2205527	2.0513	0.0403	0.568941916	count	1
AK5	1.5091534	0.4522048	3.3373	0.000855	0.568995477	count	1
PSMB10	0.4043136	0.1005428	4.0213	5.91E-05	0.568996995	count	1
MORC2	0.6109931	0.3071163	1.9895	0.0467	0.569307892	count	1
AREG	0.402663	0.1170645	3.4397	0.000589	0.569499814	count	1
AC013394.1	0.4507061	0.1588637	2.8371	0.00458	0.570090813	count	1
TAF2	0.446187	0.1870911	2.3849	0.0171	0.57151175	count	1
AC007881.3	1.5187357	0.8247539	1.8414	0.0656	0.572468033	count	1
ZHX3	0.8631623	0.5612955	1.5378	0.124	0.574114488	count	1
MAPT	0.7892102	0.6629063	1.1905	0.234	0.574392661	count	1
IFNG	0.4031282	0.1340676	3.0069	0.0027	0.576469394	count	1
AC008393.1	1.1599236	0.7857829	1.4761	0.14	0.576492365	count	1
FXN	0.4377728	0.2019928	2.1673	0.0303	0.576577167	count	1

IL23A	0.4635282	0.258138	1.7957	0.0726	0.57734317	count	1
HAVCR2	0.4804299	0.2737095	1.7553	0.0793	0.5782754	count	1
AL353622.1	1.163595	0.63369	1.8362	0.0664	0.578346995	count	1
KIF13A	0.5748681	0.6520367	0.8816	0.378	0.578648097	count	1
HIST1H2AK	0.6034662	0.3262169	1.8499	0.0644	0.579114949	count	1
NLRP2	0.6037397	0.5025077	1.2015	0.23	0.579383333	count	1
BET1	0.4509281	0.2028713	2.2227	0.0263	0.580172291	count	1
ST7L	0.5009723	0.242814	2.0632	0.0392	0.580315195	count	1
ZMAT5	0.4340759	0.1642091	2.6434	0.00824	0.581682519	count	1
SLC9B1	0.8742863	0.6719013	1.3012	0.193	0.581755933	count	1
TTC13	0.5333805	0.260165	2.0502	0.0404	0.582375702	count	1
FOSB	0.4080168	0.0619889	6.5821	5.35E-11	0.582500927	count	1.30E-06
BOP1	0.5672568	0.2523689	2.2477	0.0247	0.582517081	count	1
ENPP4	0.455193	0.1958923	2.3237	0.0202	0.583126466	count	1
MED22	0.626248	0.3930823	1.5932	0.111	0.583866894	count	1
CBWD6	1.1748546	1.0336846	1.1366	0.256	0.584028206	count	1
PAN3	0.4307328	0.1259196	3.4207	0.000632	0.584393475	count	1
MDS2	0.674824	0.387674	1.7407	0.0818	0.584859614	count	1
OTUD7B	0.8823914	0.3494787	2.5249	0.0116	0.587321532	count	1
EXT1	0.9965324	0.4754659	2.0959	0.0362	0.588193494	count	1
ZBTB16	0.8078608	0.3326547	2.4285	0.0152	0.588404326	count	1
TSNARE1	0.9969226	0.5688971	1.7524	0.0798	0.588430228	count	1
MINDY4	1.56347	0.6306626	2.4791	0.0132	0.588554602	count	1
CH25H	0.6793721	0.2606625	2.6063	0.00919	0.58890747	count	1
XYLB	1.5676726	0.9293952	1.6868	0.0917	0.590055055	count	1
WNT6	0.9997618	1.018872	0.9812	0.327	0.590152601	count	1
EGR1	0.4552866	0.1611029	2.8261	0.00474	0.59151884	count	1
ZNF805	0.7155157	0.3274287	2.1853	0.0289	0.591924053	count	1
AC008267.5	0.5300422	0.3505457	1.512	0.131	0.592341876	count	1
AL627171.1	0.6173142	0.1995392	3.0937	0.00199	0.592705208	count	1
NCSTN	0.4925012	0.2719743	1.8108	0.0703	0.59295716	count	1
HIST1H4B	1.5760385	0.8265688	1.9067	0.0566	0.593036269	count	1
AOAH	0.4333103	0.1308253	3.3121	0.000936	0.593120824	count	1
AC104109.2	0.7591954	0.6929901	1.0955	0.273	0.593441043	count	1
TMPPE	0.7591954	0.7516717	1.01	0.313	0.593441043	count	1
GEMIN7	0.4715484	0.246557	1.9125	0.0559	0.594958508	count	1
RAD52	0.7629515	0.4656332	1.6385	0.101	0.596464323	count	1
XCL1	0.4178052	0.1591992	2.6244	0.00872	0.596647542	count	1
MTFR1L	0.4691774	0.2371932	1.978	0.048	0.598321937	count	1
RIPOR1	0.8217729	0.4321797	1.9015	0.0573	0.598852692	count	1
ARSB	0.9016737	0.5296077	1.7025	0.0887	0.600554509	count	1
AL451165.2	0.55725	0.3027316	1.8407	0.0657	0.600796051	count	1
CD38	0.494782	0.2919448	1.6948	0.0902	0.601748724	count	1
EDEM2	0.4852955	0.1940726	2.5006	0.0124	0.602531186	count	1
ZWINT	0.9058064	0.7653254	1.1836	0.237	0.603389133	count	1

TSSK6	1.608308	0.7533659	2.1348	0.0328	0.60446426	count	1
AC105285.1	1.608308	1.0740553	1.4974	0.134	0.60446426	count	1
AL080317.1	1.608308	1.1288581	1.4247	0.154	0.60446426	count	1
AC090186.1	1.608308	1.1288581	1.4247	0.154	0.60446426	count	1
AC106782.2	1.608308	1.1288581	1.4247	0.154	0.60446426	count	1
FBXO6	0.4608586	0.1874387	2.4587	0.014	0.604608177	count	1
PIK3AP1	0.561234	0.4179453	1.3428	0.179	0.605161718	count	1
AP005329.3	0.6713269	0.3889363	1.7261	0.0844	0.605734792	count	1
ADRB2	0.4323574	0.1197964	3.6091	0.000312	0.605760665	count	1
ERVK3-1	0.5063623	0.2462941	2.0559	0.0399	0.606489296	count	1
KDM4B	0.5570102	0.2435157	2.2874	0.0222	0.608589609	count	1
CCDC110	1.620658	1.150351	1.4088	0.159	0.608806918	count	1
AC136475.3	0.5303195	0.1906032	2.7823	0.00543	0.609771864	count	1
AP002748.3	0.838028	0.3827979	2.1892	0.0286	0.611055975	count	1
GK5	0.5541689	0.289297	1.9156	0.0555	0.612841193	count	1
PELI3	0.9208264	0.4950395	1.8601	0.063	0.613686172	count	1
AC007388.1	0.6804531	0.4552645	1.4946	0.135	0.614172413	count	1
TSPAN17	0.5267603	0.2105998	2.5012	0.0124	0.615203731	count	1
TFEB	0.5901657	0.2298818	2.5673	0.0103	0.617536639	count	1
SETBP1	0.7123091	0.5074659	1.4037	0.161	0.618224327	count	1
RMND5B	0.5184898	0.258362	2.0068	0.0448	0.621169859	count	1
BABAM2	0.4685298	0.1471445	3.1841	0.00146	0.623221334	count	1
PLCH2	0.6677722	0.3469022	1.925	0.0543	0.623513004	count	1
AC005229.4	0.6064359	0.4239956	1.4303	0.153	0.623532085	count	1
ZNF286A	0.8551624	0.5471301	1.563	0.118	0.623912609	count	1
AC083880.1	1.25574	0.3758329	3.3412	0.000843	0.624554018	count	1
MZF1-AS1	0.8016329	0.2409929	3.3264	0.000889	0.627589639	count	1
PSMD9	0.4729446	0.1650785	2.865	0.0042	0.629121034	count	1
ACBD4	0.6381078	0.3539578	1.8028	0.0715	0.629167565	count	1
AL357054.4	0.8042197	0.4304652	1.8683	0.0618	0.629670203	count	1
OSM	0.479315	0.1652392	2.9007	0.00375	0.629858043	count	1
RHBDL1	1.267037	0.8043316	1.5753	0.115	0.630170266	count	1
AC092069.1	0.5764816	0.2486568	2.3184	0.0205	0.630198706	count	1
BCKDK	0.5529348	0.2723291	2.0304	0.0424	0.630582753	count	1
LPAR6	0.4590503	0.1214752	3.779	0.00016	0.630797942	count	1
AC092053.2	1.2701536	0.6327763	2.0073	0.0448	0.63171765	count	1
CAB39L	0.6767629	0.3886829	1.7412	0.0817	0.632098844	count	1
KLC2	0.6774542	0.303796	2.23	0.0258	0.632759029	count	1
HILPDA	0.5421166	0.3539242	1.5317	0.126	0.633354582	count	1
TMEM273	0.4895509	0.1938857	2.5249	0.0116	0.635168974	count	1
GPR89B	0.5741977	0.4005746	1.4334	0.152	0.635323964	count	1
C11orf49	0.5035743	0.2425247	2.0764	0.0379	0.635683995	count	1
FAM189B	1.2788165	0.538256	2.3759	0.0176	0.636014089	count	1
ZNF658	0.7344199	0.6264665	1.1723	0.241	0.637904485	count	1
CABLES2	1.285502	0.9042696	1.4216	0.155	0.639325032	count	1

AL356599.1	0.6350228	0.4786967	1.3266	0.185	0.640449688	count	1
LIPE	0.9600935	0.4768808	2.0133	0.0442	0.640562534	count	1
KCTD7	0.5482918	0.3305243	1.6589	0.0972	0.640654641	count	1
SLC15A4	0.4960498	0.1920513	2.5829	0.00984	0.641222393	count	1
CTIF	1.718016	1.318999	1.3025	0.193	0.642421418	count	1
BEND3	1.719327	1.030679	1.6681	0.0954	0.642866441	count	1
RCBTB2	0.5026996	0.1808739	2.7793	0.00548	0.644416523	count	1
FBXL6	0.4944825	0.1993875	2.48	0.0132	0.646005468	count	1
SPPL2B	0.6716191	0.2604062	2.5791	0.00995	0.646022506	count	1
ALDH5A1	0.7437772	0.526262	1.4133	0.158	0.646232147	count	1
AC004832.6	1.3033972	0.7333284	1.7774	0.0756	0.648166624	count	1
ANKS3	0.5750732	0.2823972	2.0364	0.0418	0.650015594	count	1
FOS	0.4519963	0.0567616	7.9631	2.27E-15	0.651428848	count	5.51E-11
VNN2	0.6225269	0.3296946	1.8882	0.0591	0.652004795	count	1
AC108718.1	1.1027351	0.6363878	1.7328	0.0832	0.652311706	count	1
KLHL17	0.7528487	0.3586171	2.0993	0.0359	0.654304571	count	1
IL18BP	0.5849058	0.3292768	1.7763	0.0758	0.654569341	count	1
CERS4	0.5607732	0.2469474	2.2708	0.0232	0.655411295	count	1
AC026979.2	0.5236196	0.1597554	3.2776	0.00106	0.657193021	count	1
LPAR5	0.6285272	0.4077903	1.5413	0.123	0.658396891	count	1
FGL2	0.4879664	0.1697729	2.8742	0.00408	0.658398023	count	1
AL513548.1	1.7658885	0.9669098	1.8263	0.0679	0.658527589	count	1
GHDC	0.582646	0.2777704	2.0976	0.036	0.658690499	count	1
CD320	0.4714833	0.1034917	4.5558	5.40E-06	0.658891683	count	0.1298808
MTSS1	0.4952522	0.2030215	2.4394	0.0148	0.660960859	count	1
CCR10	0.6869159	0.4798283	1.4316	0.152	0.661043875	count	1
ZFP82	0.6553325	0.3949715	1.6592	0.0972	0.661324375	count	1
IL6R-AS1	1.3318468	0.9875656	1.3486	0.178	0.662157918	count	1
TMEM117	1.1198738	0.609485	1.8374	0.0662	0.662588924	count	1
AC007541.1	0.7986984	0.4739293	1.6853	0.092	0.662659303	count	1
UTP25	0.5702447	0.2562249	2.2256	0.0261	0.666610677	count	1
LIG4	0.6178794	0.3273462	1.8875	0.0592	0.66726062	count	1
GDPD1	0.7379853	0.4820831	1.5308	0.126	0.66736298	count	1
IGF2R	0.4945526	0.1461279	3.3844	0.000721	0.668727828	count	1
AC116614.1	1.130424	0.6300298	1.7942	0.0729	0.668904236	count	1
PPP1R14C	1.130424	0.6300298	1.7942	0.0729	0.668904236	count	1
ABCA10	1.130424	0.6300298	1.7942	0.0729	0.668904236	count	1
BCKDHA	1.130424	0.6300298	1.7942	0.0729	0.668904236	count	1
CU638689.4	1.130424	0.6300298	1.7942	0.0729	0.668904236	count	1
RASD1	0.564586	0.2618371	2.1562	0.0311	0.668954533	count	1
MED14OS	0.7717198	0.5823004	1.3253	0.185	0.671093706	count	1
DDX47	1.8078451	0.8666181	2.0861	0.037	0.672403355	count	1
AL021707.6	1.8108722	1.107288	1.6354	0.102	0.673395614	count	1
FNDC3B	0.7208511	0.3154505	2.2851	0.0224	0.674200953	count	1
BMP1	0.8619762	0.5622813	1.533	0.125	0.676082766	count	1

FAM229A	1.143367	0.8142831	1.4041	0.16	0.676639366	count	1
AC239868.2	1.3633418	0.7063807	1.93	0.0537	0.677549324	count	1
PPP1R8	0.575618	0.2146565	2.6816	0.00736	0.677704942	count	1
CCL4	0.4702137	0.0695072	6.765	1.56E-11	0.678152981	count	3.78E-07
TAF1A	0.6473128	0.362651	1.7849	0.0744	0.67841037	count	1
GOLM1	0.726037	0.5482794	1.3242	0.186	0.679152486	count	1
LIN52	1.019459	0.4494456	2.2683	0.0234	0.681046935	count	1
L3HYPDH	0.6032192	0.3845501	1.5686	0.117	0.682260675	count	1
FAM169A	0.6763804	0.3452244	1.9592	0.0502	0.682958838	count	1
AC015468.3	17.9548809	1276.789545	0.0141	0.989	0.683526307	count	1
RTKN	17.9560931	1099.855615	0.0163	0.987	0.683526307	count	1
AC092718.5	18.2203373	1411.957629	0.0129	0.99	0.68352631	count	1
ZNF630	18.2203525	1922.863424	0.0095	0.992	0.68352631	count	1
KAZALD1	18.2203568	1922.863118	0.0095	0.992	0.68352631	count	1
AC009560.1	18.2203623	1922.859187	0.0095	0.992	0.68352631	count	1
C9orf41-AS1	18.2203804	1922.864589	0.0095	0.992	0.68352631	count	1
AL450306.1	18.2804554	1511.231146	0.0121	0.99	0.683526311	count	1
AP006565.1	18.3956755	1669.174186	0.011	0.9912	0.683526312	count	1
AC093512.2	18.4089377	1783.429831	0.0103	0.992	0.683526312	count	1
ZNF497	18.4090546	2343.368392	0.0079	0.994	0.683526312	count	1
AC084026.2	18.5631991	1945.596126	0.0095	0.992	0.683526313	count	1
ME1	18.6942192	1656.740099	0.0113	0.991	0.683526314	count	1
MTRF2	18.6946607	2500.134209	0.0075	0.994	0.683526314	count	1
AC098936.1	18.9715187	2281.412776	0.0083	0.9934	0.683526316	count	1
VLDLR	18.9715189	2281.41276	0.0083	0.9934	0.683526316	count	1
NIPSNAP3B	18.971541	2281.388845	0.0083	0.9934	0.683526316	count	1
AL353593.1	19.0862953	1530.17427	0.0125	0.99	0.683526317	count	1
CARMIL3	19.0862964	1530.169597	0.0125	0.99	0.683526317	count	1
AL033528.2	19.3865617	1539.898263	0.0126	0.99	0.683526318	count	1
RUSC1-AS1	19.3865685	1539.897967	0.0126	0.99	0.683526318	count	1
AC011921.1	19.3872577	1999.108908	0.0097	0.992	0.683526318	count	1
FCRL1	19.5377703	1324.021366	0.0148	0.988	0.683526318	count	1
AL121655.1	19.5377703	1324.021345	0.0148	0.988	0.683526318	count	1
HTR2B	19.5377703	1324.021361	0.0148	0.988	0.683526318	count	1
FAT1	19.5377703	1324.021345	0.0148	0.988	0.683526318	count	1
AC139491.7	19.5377703	1324.021323	0.0148	0.988	0.683526318	count	1
AL157373.2	19.5377703	1324.021345	0.0148	0.988	0.683526318	count	1
MOCS1	19.5377703	1324.021323	0.0148	0.988	0.683526318	count	1
SSC4D	19.5377703	1324.021355	0.0148	0.988	0.683526318	count	1
DLX6-AS1	19.5377703	1324.021361	0.0148	0.988	0.683526318	count	1
OCRL	19.5377703	1324.021323	0.0148	0.988	0.683526318	count	1
RAG1	19.5377703	1324.021355	0.0148	0.988	0.683526318	count	1
NRXN2	19.5377703	1324.021387	0.0148	0.988	0.683526318	count	1
STT3A-AS1	19.5377703	1324.021361	0.0148	0.988	0.683526318	count	1
TEX22	19.5377703	1324.021361	0.0148	0.988	0.683526318	count	1

PCSK6	19.5377703	1324.021387	0.0148	0.988	0.683526318	count	1
TMEM256-PLSCR3	19.5377703	1324.021345	0.0148	0.988	0.683526318	count	1
AC016876.3	19.5377703	1324.021387	0.0148	0.988	0.683526318	count	1
AC060766.6	19.5377703	1324.021361	0.0148	0.988	0.683526318	count	1
AC015849.2	19.5377703	1324.021355	0.0148	0.988	0.683526318	count	1
AC068234.2	19.5377703	1324.021323	0.0148	0.988	0.683526318	count	1
AC005920.4	19.5377702	1324.021361	0.0148	0.988	0.683526318	count	1
AC245052.1	19.5377703	1324.021355	0.0148	0.988	0.683526318	count	1
HORMAD2	19.5377703	1324.021371	0.0148	0.988	0.683526318	count	1
LARGE1	19.5377702	1324.021345	0.0148	0.988	0.683526318	count	1
APOBEC3B	19.5377703	1324.021382	0.0148	0.988	0.683526318	count	1
AL844908.1	19.5377703	1324.021355	0.0148	0.988	0.683526318	count	1
OSCP1	19.5377705	1324.02135	0.0148	0.988	0.683526318	count	1
RTCA-AS1	19.5377705	1324.021355	0.0148	0.988	0.683526318	count	1
IRF6	19.5377705	1324.021377	0.0148	0.988	0.683526318	count	1
MYCN	19.5377704	1324.021382	0.0148	0.988	0.683526318	count	1
AL133245.1	19.5377705	1324.021403	0.0148	0.988	0.683526318	count	1
HSD17B13	19.5377704	1324.021377	0.0148	0.988	0.683526318	count	1
IRX2	19.5377705	1324.021318	0.0148	0.988	0.683526318	count	1
ZC3HAV1L	19.5377705	1324.02135	0.0148	0.988	0.683526318	count	1
LINC01402	19.5377704	1324.021361	0.0148	0.988	0.683526318	count	1
MCPH1-AS1	19.5377705	1324.021377	0.0148	0.988	0.683526318	count	1
TSPYL5	19.5377704	1324.021361	0.0148	0.988	0.683526318	count	1
AC018630.2	19.5377704	1324.021377	0.0148	0.988	0.683526318	count	1
CDH1	19.5377704	1324.021329	0.0148	0.988	0.683526318	count	1
CA4	19.5377705	1324.021377	0.0148	0.988	0.683526318	count	1
VAV3-AS1	19.5377706	1324.021371	0.0148	0.988	0.683526318	count	1
SEMA6C	19.5377706	1324.021371	0.0148	0.988	0.683526318	count	1
ZNF462	19.5377706	1324.021371	0.0148	0.988	0.683526318	count	1
CCDC113	19.5377706	1324.021371	0.0148	0.988	0.683526318	count	1
ARHGEF4	19.6095698	1539.205047	0.0127	0.99	0.683526318	count	1
LINC01547	17.7279278	1238.288129	0.0143	0.989	0.683526358	count	1
MSS51	18.1011172	1126.364442	0.0161	0.9872	0.683526363	count	1
GATA3-AS1	18.1043852	968.9228083	0.0187	0.9851	0.683526363	count	1
TBXA2R	18.2203362	1411.952693	0.0129	0.99	0.683526365	count	1
FAM66C	18.6352955	1665.573535	0.0112	0.9911	0.683526368	count	1
AL158211.2	18.7887228	931.5653934	0.0202	0.984	0.683526369	count	1
WDR11-AS1	18.9715186	2281.412663	0.0083	0.9934	0.68352637	count	1
AL354977.2	18.9715411	2281.388901	0.0083	0.9934	0.68352637	count	1
ITGB1-DT	19.0863025	1530.174238	0.0125	0.99	0.683526371	count	1
SEMA3G	19.3872783	1999.115881	0.0097	0.992	0.683526372	count	1
LINC01776	19.5377703	1324.021329	0.0148	0.988	0.683526373	count	1
AC100830.1	19.5377703	1324.021329	0.0148	0.988	0.683526373	count	1
AC136944.2	19.5377703	1324.021329	0.0148	0.988	0.683526373	count	1
ATP2B2	19.5377704	1324.021334	0.0148	0.988	0.683526373	count	1

DOCK3	19.5377705	1324.021393	0.0148	0.988	0.683526373	count	1
AFDN-DT	19.5377704	1324.021371	0.0148	0.988	0.683526373	count	1
CYP51A1-AS1	19.5377705	1324.021393	0.0148	0.988	0.683526373	count	1
RNASEH2B-AS1	19.5377704	1324.021371	0.0148	0.988	0.683526373	count	1
TRARG1	19.5377704	1324.021323	0.0148	0.988	0.683526373	count	1
C20orf197	19.5377705	1324.021366	0.0148	0.988	0.683526373	count	1
AL391987.4	19.5377706	1324.021366	0.0148	0.988	0.683526373	count	1
HDX	1.1551736	0.5256884	2.1974	0.0281	0.683683557	count	1
FAM174A	0.5324794	0.2037266	2.6137	0.009	0.6843689	count	1
AP005329.1	0.9361939	0.7085244	1.3213	0.186	0.684578495	count	1
UBXN10	0.9361939	0.7286038	1.2849	0.199	0.684578495	count	1
SLC2A1-AS1	1.3828405	0.829687	1.6667	0.0957	0.687024505	count	1
HIST1H2AE	0.8275798	0.5763557	1.4359	0.151	0.68719099	count	1
ALDH16A1	0.5365466	0.1804548	2.9733	0.00297	0.688101547	count	1
ZNF761	0.6828172	0.356433	1.9157	0.0555	0.689574872	count	1
XPO4	0.5909444	0.2570364	2.2991	0.0216	0.691089625	count	1
TPST2	0.4914084	0.1003916	4.8949	1.03E-06	0.692774164	count	0.02483021
TXNRD2	0.6146213	0.2810707	2.1867	0.0288	0.695325044	count	1
AL136962.1	0.8391436	0.5674533	1.4788	0.139	0.697006542	count	1
CBLN3	1.884293	0.9650517	1.9525	0.051	0.697089652	count	1
NBPF1	0.8020037	0.5098027	1.5732	0.116	0.698022228	count	1
ZDHH8	0.7066859	0.3119163	2.2656	0.0235	0.698163543	count	1
MAGEF1	0.5543844	0.2204738	2.5145	0.012	0.698261743	count	1
CAGE1	1.8902189	0.9197915	2.0551	0.04	0.698970318	count	1
AC009126.1	0.749032	0.5171893	1.4483	0.148	0.701104264	count	1
C11orf65	1.898656	1.1473531	1.6548	0.0981	0.701639344	count	1
GOLGA8Q	1.898656	1.187723	1.5986	0.11	0.701639344	count	1
SELL	0.5026404	0.0967806	5.1936	2.18E-07	0.702627981	count	0.005261212
FSIP2	1.907589	0.9279474	2.0557	0.0399	0.704455516	count	1
CARMN	1.907589	0.9279474	2.0557	0.0399	0.704455516	count	1
GLS2	1.907589	0.9279474	2.0557	0.0399	0.704455516	count	1
THAP7-AS1	0.8098247	0.4455183	1.8177	0.0692	0.704973049	count	1
AC027449.1	1.42	0.8525772	1.666	0.0958	0.70502371	count	1
PLK1	1.425922	0.9630888	1.4806	0.139	0.707806002	count	1
SSBP3	0.549764	0.1838474	2.9903	0.00281	0.708236934	count	1
ZNF555	0.782673	0.4643033	1.6857	0.0919	0.708654425	count	1
AL391834.2	0.9711677	0.5851362	1.6597	0.0971	0.710669012	count	1
WDFY1	0.6427553	0.2343459	2.7428	0.00612	0.712314314	count	1
AC104794.2	0.9774433	0.5421874	1.8028	0.0715	0.715343271	count	1
ATRIP	0.6635472	0.3719708	1.7839	0.0745	0.717342391	count	1
AC108471.2	0.980253	0.8359167	1.1727	0.241	0.71743523	count	1
ANKRD20A4	1.212558	1.1672807	1.0388	0.299	0.717743729	count	1
SEC22A	0.610356	0.2440094	2.5014	0.0124	0.719060763	count	1
RDH13	0.6420696	0.2904071	2.2109	0.0271	0.719440811	count	1
SH3BGR	1.21694	0.8367672	1.4543	0.146	0.720332137	count	1

NME2	1.0779568	0.4812582	2.2399	0.0252	0.720718604	count	1
C1orf162	0.5165503	0.1056092	4.8911	1.05E-06	0.721751628	count	0.02531025
NUDT9	0.5627305	0.2082005	2.7028	0.00691	0.721902595	count	1
TTC16	0.6379911	0.2576328	2.4764	0.0133	0.722103115	count	1
KLHDC8B	1.96659	0.8974662	2.1913	0.0285	0.722774143	count	1
CCL4L2	0.502125	0.1154515	4.3492	1.41E-05	0.723253259	count	0.338682
ZNF674-AS1	0.7157164	0.4105304	1.7434	0.0814	0.723385839	count	1
WDR37	0.6104803	0.2175691	2.8059	0.00505	0.723929279	count	1
ATP2B1-AS1	0.5174738	0.1329125	3.8933	0.000101	0.724721519	count	1
HSPA1L	0.7755923	0.5181555	1.4968	0.135	0.726448389	count	1
AC015819.2	1.9804773	1.102874	1.7957	0.0726	0.727015024	count	1
ATXN7L2	1.0890194	0.7752955	1.4047	0.16	0.728192109	count	1
SETD1A	0.7780602	0.3687451	2.11	0.0349	0.728802507	count	1
NSUN3	0.6190223	0.2224637	2.7826	0.00542	0.729378784	count	1
JRKL	0.6386009	0.3071253	2.0793	0.0377	0.729599025	count	1
PARN	0.5676502	0.1972627	2.8776	0.00403	0.729866283	count	1
SMKR1	0.6334969	0.3206459	1.9757	0.0483	0.729996653	count	1
NTHL1	0.612935	0.2494942	2.4567	0.0141	0.731339203	count	1
PRMT5-AS1	1.477012	0.7144055	2.0675	0.0388	0.732161825	count	1
LOXL1-AS1	0.7107921	0.3812559	1.8643	0.0624	0.732836648	count	1
AAR2	0.7605229	0.3026513	2.5129	0.012	0.733301152	count	1
HSPBP1	0.570944	0.191764	2.9773	0.00293	0.735692115	count	1
AC016355.1	1.1001524	0.7481735	1.4705	0.142	0.735703053	count	1
GPAM	0.9379011	0.5687948	1.6489	0.0993	0.736906674	count	1
GZMH	0.5123866	0.0631143	8.1184	6.54E-16	0.737213043	count	1.59E-11
AP000769.2	2.0299302	1.014378	2.0012	0.0455	0.74189416	count	1
C2orf15	0.8924334	0.7041471	1.2674	0.205	0.742175368	count	1
TBX21	0.5302992	0.1113868	4.7609	2.01E-06	0.743432984	count	0.04841487
PRKAB1	0.6885511	0.3298868	2.0872	0.0369	0.7447609	count	1
ZNF385A	2.0464443	1.1116947	1.8408	0.0657	0.746784798	count	1
AL451085.1	0.8585526	0.4162548	2.0626	0.0392	0.748234796	count	1
TRBV5-4	1.5114746	0.7420128	2.037	0.0417	0.748403151	count	1
LINC00092	1.5128302	0.6996795	2.1622	0.0307	0.749038824	count	1
ADAMTS1	0.8307719	0.6582754	1.262	0.207	0.753044023	count	1
A POM	0.7621085	0.404333	1.8849	0.0595	0.753896262	count	1
PTDSS2	0.7824603	0.3643044	2.1478	0.0318	0.754818306	count	1
AL590399.1	1.03081	0.9095681	1.1333	0.257	0.754988313	count	1
AC137767.1	0.8076422	0.3323261	2.4303	0.0151	0.757007697	count	1
SHLD3	0.8351972	0.4038977	2.0678	0.0387	0.757124255	count	1
PI16	0.9636176	0.5413735	1.7799	0.0752	0.757440749	count	1
AL139274.2	0.8102906	0.384869	2.1054	0.0353	0.759531542	count	1
AL662844.4	0.7364607	0.211617	3.4802	0.000507	0.759712087	count	1
ZNF683	0.5535997	0.1683886	3.2876	0.00102	0.75991585	count	1
AC144652.1	0.7263391	0.3239297	2.2423	0.025	0.76259023	count	1
RCAN1	0.9167534	0.3828171	2.3948	0.0167	0.762746332	count	1

AC010491.1	1.5429506	0.8274283	1.8648	0.0623	0.763098712	count	1
SPECC1	0.6324471	0.2773798	2.2801	0.0227	0.763316726	count	1
MTFP1	0.7560162	0.3267075	2.314	0.0207	0.764782699	count	1
AC013400.1	2.117469	1.288499	1.6434	0.1	0.767368698	count	1
AL590764.1	0.7638357	0.4488252	1.7019	0.0889	0.772811239	count	1
MANEAL	1.056974	0.6108937	1.7302	0.0837	0.774348977	count	1
TCHH	2.1466815	1.211086	1.7725	0.0764	0.775620587	count	1
PLEKHG4	1.313008	0.7215804	1.8196	0.0689	0.776561697	count	1
METTL3	0.6603884	0.2964505	2.2277	0.026	0.778627386	count	1
EFHD2	0.5441008	0.0701796	7.753	1.18E-14	0.778720792	count	2.86E-10
NOMO1	1.3218019	0.8529354	1.5497	0.121	0.781656422	count	1
NBPF11	0.9003162	0.4459607	2.0188	0.0436	0.78523544	count	1
NAGLU	0.662112	0.2550031	2.5965	0.00946	0.785780349	count	1
AC009495.3	2.184332	1.487015	1.4689	0.142	0.786071482	count	1
APOD	1.0754412	0.8095679	1.3284	0.184	0.787981048	count	1
LINC01727	1.5981379	0.9304907	1.7175	0.086	0.788531315	count	1
BX284668.5	0.697181	0.4175859	1.6696	0.0951	0.789916822	count	1
VAMP4	0.5945385	0.1615234	3.6808	0.000236	0.794841682	count	1
TBXAS1	0.7169629	0.2688167	2.6671	0.00769	0.795643407	count	1
EFCAB2	0.7290885	0.3605839	2.022	0.0433	0.799624652	count	1
CCDC120	1.1955946	0.7378208	1.6204	0.105	0.79962899	count	1
PLA2G2A	2.2348986	1.505857	1.4841	0.138	0.79977796	count	1
CEACAM21	0.6832692	0.2719274	2.5127	0.012	0.800280125	count	1
CDC14B	0.7033602	0.3293782	2.1354	0.0328	0.804449656	count	1
TGFB3	0.659737	0.2028825	3.2518	0.00116	0.804461381	count	1
AL355581.1	2.2555466	0.875944	2.575	0.0101	0.805265944	count	1
HIST1H2BE	0.9729138	0.3214414	3.0267	0.00249	0.810119362	count	1
CHI3L2	0.6752693	0.2953806	2.2861	0.0223	0.811073492	count	1
KCTD11	1.6548301	0.9217524	1.7953	0.0727	0.814194389	count	1
CRAMP1	1.0364873	0.5196719	1.9945	0.0462	0.815383542	count	1
AP001020.3	2.294376	1.430417	1.604	0.109	0.815415137	count	1
ZEB2-AS1	2.3005619	0.9807237	2.3458	0.019	0.817011501	count	1
SLCO4C1	1.673328	0.8034606	2.0827	0.0374	0.822462397	count	1
CERCAM	1.2327486	0.7046837	1.7494	0.0803	0.824260661	count	1
GBA	0.7845666	0.360096	2.1788	0.0294	0.824552338	count	1
ADCY9	1.1252607	0.5296463	2.1246	0.0337	0.824603975	count	1
LINC01176	1.23918	0.8287676	1.4952	0.135	0.828508268	count	1
FCGR1B	1.405059	0.6979242	2.0132	0.0442	0.829405538	count	1
TGFB3	1.405059	0.6979242	2.0132	0.0442	0.829405538	count	1
FAM229B	1.0574011	0.4536898	2.3307	0.0198	0.831936741	count	1
MTERF1	0.7075349	0.2888247	2.4497	0.0143	0.834741987	count	1
EPB41L4A	1.1405994	0.73054	1.5613	0.119	0.835831367	count	1
B3GAT1	0.8663484	0.5084249	1.704	0.0885	0.836953522	count	1
AC112907.3	1.4195621	0.8327086	1.7048	0.0883	0.83762886	count	1
LRRN3	2.387608	0.7048116	3.3876	0.000713	0.838872333	count	1

PTGDR	0.6010772	0.1411472	4.2585	2.11E-05	0.843036346	count	0.5065688
ABCA3	1.1520167	0.5760062	2	0.0456	0.844172706	count	1
AL353719.1	1.2676137	0.6863438	1.8469	0.0648	0.847229108	count	1
BRD3OS	0.782949	0.3427219	2.2845	0.0224	0.848189496	count	1
BTBD8	0.8071244	0.4028781	2.0034	0.0452	0.848530946	count	1
PPT2	1.0219264	0.5960962	1.7144	0.0866	0.851284468	count	1
CFD	0.7317883	0.2220472	3.2956	0.000992	0.851287575	count	1
MKS1	0.9775638	0.594741	1.6437	0.1	0.853413592	count	1
LINC00910	0.8837291	0.5869323	1.5057	0.132	0.853932678	count	1
SLC25A20	0.6772853	0.252457	2.6828	0.00734	0.854217108	count	1
AC026471.4	2.4557923	0.7593948	3.2339	0.00123	0.855215859	count	1
AL132639.2	2.4674093	1.101661	2.2397	0.0252	0.857932506	count	1
AC007952.4	0.7378746	0.2174058	3.394	0.000697	0.858428362	count	1
SPDL1	0.8053416	0.4250715	1.8946	0.0582	0.860226968	count	1
AC002091.2	1.459947	0.7943835	1.8378	0.0662	0.860368711	count	1
PALLD	0.6994103	0.3362816	2.0798	0.0376	0.860769977	count	1
SMPD3	0.9177288	0.3532622	2.5979	0.00942	0.861665528	count	1
FRMD6-AS1	1.7646809	0.8845795	1.9949	0.0461	0.862499341	count	1
DCHS1	2.4921636	1.194089	2.0871	0.037	0.863655611	count	1
HOPX	0.6054716	0.0769617	7.8672	4.84E-15	0.867720142	count	1.17E-10
ZNF436-AS1	2.5144761	1.2122367	2.0742	0.0381	0.868737906	count	1
ZNF554	0.9975882	0.5173665	1.9282	0.0539	0.871019797	count	1
SYNGR1	0.672931	0.2271599	2.9624	0.00307	0.874617158	count	1
AP000787.1	1.4866428	0.4476149	3.3213	0.000906	0.875268581	count	1
FHL3	0.6868967	0.2642991	2.5989	0.00939	0.87810755	count	1
AC243965.1	1.2013045	0.4864778	2.4694	0.0136	0.880018352	count	1
VLDLR-AS1	1.823571	0.6083924	2.9974	0.00274	0.887580889	count	1
RECQL5	1.3299674	0.7414746	1.7937	0.073	0.887924026	count	1
PROK2	0.8769172	0.4095604	2.1411	0.0323	0.888684784	count	1
Z93930.2	0.8466709	0.2489421	3.4011	0.000679	0.890521338	count	1
CARNS1	0.7939399	0.3882671	2.0448	0.0409	0.891660276	count	1
JUN	0.6203484	0.0646634	9.5935	1.59E-21	0.892694725	count	3.86E-17
COPZ2	0.7456336	0.4019637	1.855	0.0637	0.896262319	count	1
AL360012.1	2.6589202	0.6496531	4.0928	4.36E-05	0.899912136	count	1
C1orf21	0.6612071	0.1610458	4.1057	4.13E-05	0.901354186	count	0.9900849
TRGV3	0.8727847	0.4597111	1.8986	0.0577	0.902134958	count	1
RAB27B	0.7835999	0.2425324	3.2309	0.00125	0.904820801	count	1
FZD3	1.1502246	0.5125158	2.2443	0.0249	0.904908172	count	1
AKR1C3	0.7919902	0.3138097	2.5238	0.0117	0.906777588	count	1
PCGF1	0.7433506	0.2865709	2.594	0.00953	0.907179156	count	1
AC016405.3	2.701043	1.1533763	2.3419	0.0192	0.908449562	count	1
ATN1	1.0910971	0.375483	2.9058	0.00369	0.909033854	count	1
BX284668.6	1.0425996	0.3653016	2.8541	0.00434	0.910476013	count	1
VCL	0.7374586	0.2376531	3.1031	0.00193	0.911589874	count	1
AQP11	1.0946318	0.6409272	1.7079	0.0877	0.911972637	count	1

TK1	1.159442	0.6763411	1.7143	0.0866	0.912104862	count	1
SBK1	0.774755	0.3347313	2.3146	0.0207	0.914681384	count	1
DUSP1	0.638523	0.0442153	14.4412	6.36E-46	0.918777675	count	1.55E-41
ADAMTS4	1.2552598	0.9341249	1.3438	0.179	0.918928142	count	1
CEP78	0.7098078	0.1974875	3.5942	0.00033	0.919336925	count	1
NNT-AS1	0.730683	0.2270024	3.2188	0.0013	0.927203272	count	1
AC007365.1	1.267037	0.5357406	2.365	0.0181	0.927371735	count	1
CACNA2D2	2.817025	1.205637	2.3365	0.0195	0.930704122	count	1
KLHL26	1.0264933	0.4207599	2.4396	0.0148	0.932477557	count	1
MCM3AP-AS1	1.2761964	0.7176126	1.7784	0.0754	0.933925829	count	1
SGK494	1.072486	0.681669	1.5733	0.116	0.936573216	count	1
ACKR3	1.406389	0.8769256	1.6038	0.109	0.937063797	count	1
AL161421.1	1.1261274	0.423704	2.6578	0.0079	0.938100875	count	1
HS6ST1	0.9704511	0.4683565	2.072	0.0383	0.938380575	count	1
AC107464.3	0.9477273	0.5473306	1.7315	0.0834	0.939779393	count	1
AL021453.1	0.8497698	0.2922303	2.9079	0.00366	0.944479448	count	1
TRAV21	1.13866	0.7341971	1.5509	0.121	0.948467651	count	1
KMT2E-AS1	0.7763464	0.1854576	4.1861	2.91E-05	0.951958441	count	0.698109
TRAV4	1.4310611	0.4872285	2.9371	0.00333	0.952740883	count	1
AF001548.2	1.3045555	0.6792163	1.9207	0.0549	0.954145114	count	1
KLKB1	1.996777	1.834623	1.0884	0.277	0.95784963	count	1
VSTM2B	1.996777	1.834623	1.0884	0.277	0.95784963	count	1
FCHO1	0.8544247	0.2635631	3.2418	0.0012	0.960072901	count	1
SDR42E2	0.8251002	0.3264965	2.5271	0.0115	0.960654622	count	1
KIR2DL3	0.8575593	0.5279475	1.6243	0.104	0.963614065	count	1
PYCARD-AS1	2.0128638	0.8616855	2.336	0.0196	0.964101829	count	1
TGFBR3L	0.849732	0.3530309	2.407	0.0161	0.964370285	count	1
AC092329.3	1.320149	0.8960336	1.4733	0.141	0.965214107	count	1
RBKS	1.169002	0.3653506	3.1997	0.00139	0.973491837	count	1
AC007728.2	1.6860523	0.9048359	1.8634	0.0625	0.982907415	count	1
FCER1G	0.7014567	0.2034218	3.4483	0.000571	0.985108335	count	1
USP46	0.8062646	0.2578896	3.1264	0.00178	0.993037706	count	1
AL078644.2	2.1022351	0.9104909	2.3089	0.021	0.997962701	count	1
EPDR1	1.718016	1.220424	1.4077	0.159	0.99951218	count	1
CLIC3	0.71543	0.1558689	4.5899	4.59E-06	1.003363284	count	0.11043081
NOL6	1.2791232	0.5695669	2.2458	0.0248	1.004597607	count	1
GNGT2	0.8518197	0.3070856	2.7739	0.00557	1.00616367	count	1
CTSW	0.7012079	0.0546923	12.821	8.80E-37	1.00855308	count	2.14E-32
FAM234B	2.1414103	0.8796797	2.4343	0.015	1.012334355	count	1
C22orf34	1.744818	0.7061808	2.4708	0.0135	1.013288923	count	1
BSPRY	1.533505	0.9443182	1.6239	0.104	1.016769477	count	1
TRIM17	1.535889	0.609118	2.5215	0.0117	1.018238429	count	1
DHX37	1.0293045	0.3672198	2.803	0.00509	1.02079595	count	1
CXCR1	1.768448	0.8956727	1.9744	0.0484	1.025321244	count	1
FADS2	1.768448	1.178864	1.5001	0.134	1.025321244	count	1

USP46-AS1	1.7711038	0.6763363	2.6187	0.00887	1.026666681	count	1
TSPAN2	0.7536974	0.182881	4.1212	3.86E-05	1.028244016	count	0.9255894
Z93241.1	1.0640742	0.3564868	2.9849	0.00286	1.028899352	count	1
PLAC8	0.7363116	0.0964506	7.6341	2.94E-14	1.038565843	count	7.13E-10
SUSD1	0.9404649	0.3554004	2.6462	0.00818	1.045681295	count	1
PEX11A	1.201884	0.5038557	2.3854	0.0171	1.048456211	count	1
ITGAM	0.9986639	0.4027083	2.4799	0.0132	1.051101285	count	1
RASSF4	0.8508056	0.3419073	2.4884	0.0129	1.060223459	count	1
MORF4L2-AS1	1.8401438	0.7610887	2.4178	0.0157	1.061162053	count	1
AC087239.1	1.0092723	0.2466577	4.0918	4.38E-05	1.062247386	count	1
AC011511.1	1.4593164	0.9503372	1.5356	0.125	1.062335918	count	1
AC005837.1	1.0290575	0.4436062	2.3198	0.0204	1.064159794	count	1
ISPD	1.6125049	1.1140729	1.4474	0.148	1.064882812	count	1
KLRC1	0.7938399	0.2294572	3.4596	0.000548	1.066888598	count	1
C9orf139	1.6169843	0.6152944	2.628	0.00863	1.06757596	count	1
SPIN2A	1.859113	1.128521	1.6474	0.0996	1.070473608	count	1
KLRC2	0.9639172	0.3932086	2.4514	0.0143	1.071768155	count	1
C7orf31	1.3741033	0.5121386	2.6831	0.00733	1.07655989	count	1
CD300A	0.7803334	0.147962	5.2739	1.42E-07	1.085341113	count	0.003427596
PPFIA3	2.361462	1.3433095	1.7579	0.0788	1.087657862	count	1
CHIC1	0.9495341	0.3093898	3.0691	0.00216	1.087932161	count	1
FUT8-AS1	2.372188	1.251478	1.8955	0.0581	1.091095046	count	1
EARS2	1.903064	1.46468	1.2993	0.194	1.091767957	count	1
CTBP1-AS	1.907589	0.6555455	2.9099	0.00364	1.093937621	count	1
ZFP36	0.761096	0.0422829	18.0001	2.92E-69	1.095251308	count	7.10E-65
NKG7	0.7607415	0.0573494	13.265	3.43E-39	1.096427136	count	8.34E-35
IL2	1.2586467	0.4746307	2.6518	0.00804	1.096870691	count	1
CD244	1.0279433	0.3138392	3.2754	0.00107	1.099045683	count	1
SLC12A7	1.272542	0.8803523	1.4455	0.148	1.108652264	count	1
AC145285.6	1.3363505	0.6366942	2.0989	0.0359	1.109322627	count	1
AC093635.1	1.5310383	0.5992222	2.555	0.0107	1.111098095	count	1
LILRB1	1.155343	0.4024191	2.871	0.00412	1.116299049	count	1
CSF3R	1.9590605	0.7483861	2.6177	0.00889	1.118319779	count	1
GPR153	1.719566	0.8992171	1.9123	0.0559	1.128171669	count	1
DOCK5	1.0273928	0.4966912	2.0685	0.0387	1.128754812	count	1
PYROXD2	0.9740851	0.3682595	2.6451	0.0082	1.134496554	count	1
AC048382.5	2.5161298	2.1905699	1.1486	0.2508	1.135116348	count	1
AL158071.4	1.0479141	0.4308933	2.432	0.0151	1.13637567	count	1
AC008537.4	17.9294129	1061.238892	0.0169	0.9865	1.145430406	count	1
FZD5	18.0413412	1263.050821	0.0143	0.9886	1.145430409	count	1
HOXA1	18.1042927	1306.36339	0.0139	0.989	1.14543041	count	1
TFAP2E	18.2205188	1516.873656	0.012	0.9904	1.145430413	count	1
ZBTB8A	18.4139134	1699.778685	0.0108	0.991	1.145430417	count	1
MSX1	18.4215274	1462.818904	0.0126	0.99	1.145430417	count	1
AL031281.2	18.4997027	1450.922601	0.0128	0.9898	1.145430418	count	1

AC135279.3	18.4997026	1450.922578	0.0128	0.9898	1.145430418	count	1
AC017100.1	18.6682395	1960.410411	0.0095	0.9924	1.145430421	count	1
AC087386.1	18.6682396	1960.410416	0.0095	0.9924	1.145430421	count	1
TRBV22-1	18.6682563	1960.418884	0.0095	0.9924	1.145430421	count	1
AC135050.3	18.6682965	1484.133222	0.0126	0.99	1.145430421	count	1
AC010746.1	18.7840983	1315.569464	0.0143	0.989	1.145430422	count	1
RBPMS2	18.7901456	1717.880593	0.0109	0.9913	1.145430422	count	1
AC010271.2	18.8024727	2370.967249	0.0079	0.994	1.145430422	count	1
AL133215.2	18.802512	2370.972538	0.0079	0.994	1.145430422	count	1
CXXC4	18.8025544	1838.057249	0.0102	0.9918	1.145430422	count	1
TRAV41	18.9161427	1773.059048	0.0107	0.9915	1.145430424	count	1
AC018410.1	18.9161674	2202.756216	0.0086	0.993	1.145430424	count	1
AL512598.1	19.576161	1737.677734	0.0113	0.991	1.145430429	count	1
AC098614.4	19.576191	1737.690864	0.0113	0.991	1.145430429	count	1
INTS6L-AS1	19.5761911	1737.690893	0.0113	0.991	1.145430429	count	1
AL590226.2	19.5761909	1737.690829	0.0113	0.991	1.145430429	count	1
TMEM88	19.576191	1737.690893	0.0113	0.991	1.145430429	count	1
AP000350.5	19.576191	1737.690811	0.0113	0.991	1.145430429	count	1
TM4SF19	20.2349033	1322.407182	0.0153	0.988	1.145430431	count	1
AARD	20.2349035	1322.407097	0.0153	0.988	1.145430431	count	1
CD300C	20.2349031	1322.407118	0.0153	0.988	1.145430431	count	1
AL121992.1	20.2370456	1877.903377	0.0108	0.991	1.145430431	count	1
KIF2C	20.2370454	1877.903301	0.0108	0.991	1.145430431	count	1
AC243547.2	20.2370458	1877.903667	0.0108	0.991	1.145430431	count	1
AC020594.1	20.2370455	1877.903545	0.0108	0.991	1.145430431	count	1
SCN2A	20.2370454	1877.903545	0.0108	0.991	1.145430431	count	1
CPS1	20.2370457	1877.90356	0.0108	0.991	1.145430431	count	1
COL4A3	20.2370458	1877.903667	0.0108	0.991	1.145430431	count	1
AC073352.1	20.2370452	1877.903545	0.0108	0.991	1.145430431	count	1
RAB23	20.2370453	1877.903438	0.0108	0.991	1.145430431	count	1
AC073342.1	20.2370458	1877.903743	0.0108	0.991	1.145430431	count	1
OPHN1	20.2370456	1877.903728	0.0108	0.991	1.145430431	count	1
SMC2-AS1	20.237046	1877.903606	0.0108	0.991	1.145430431	count	1
ABTB2	20.2370451	1877.903499	0.0108	0.991	1.145430431	count	1
SYT12	20.2370454	1877.903286	0.0108	0.991	1.145430431	count	1
MEIG1	20.2370458	1877.903484	0.0108	0.991	1.145430431	count	1
PDE6H	20.2370455	1877.903575	0.0108	0.991	1.145430431	count	1
INSM2	20.2370461	1877.903438	0.0108	0.991	1.145430431	count	1
PAX9	20.2370456	1877.903575	0.0108	0.991	1.145430431	count	1
PLD4	20.2370461	1877.903438	0.0108	0.991	1.145430431	count	1
AC026150.3	20.2370457	1877.903423	0.0108	0.991	1.145430431	count	1
AC090971.2	20.2370456	1877.903575	0.0108	0.991	1.145430431	count	1
SRRM2-AS1	20.2370458	1877.903636	0.0108	0.991	1.145430431	count	1
ZNF205	20.2370458	1877.903484	0.0108	0.991	1.145430431	count	1
AC109597.2	20.2370457	1877.903484	0.0108	0.991	1.145430431	count	1

IL17C	20.237046	1877.903621	0.0108	0.991	1.145430431	count	1
AC087501.1	20.2370456	1877.903606	0.0108	0.991	1.145430431	count	1
SLC47A1	20.2370458	1877.903743	0.0108	0.991	1.145430431	count	1
FBXO47	20.2370453	1877.903438	0.0108	0.991	1.145430431	count	1
AC087289.2	20.2370458	1877.903667	0.0108	0.991	1.145430431	count	1
LINC00237	20.2370456	1877.903423	0.0108	0.991	1.145430431	count	1
CCM2L	20.237046	1877.903575	0.0108	0.991	1.145430431	count	1
SLC7A9	20.2370458	1877.903469	0.0108	0.991	1.145430431	count	1
CDC45	20.2370453	1877.903438	0.0108	0.991	1.145430431	count	1
AC253536.6	20.2370459	1877.903514	0.0108	0.991	1.145430431	count	1
TAPT1-AS1	18.4997026	1450.92258	0.0128	0.9898	1.145430497	count	1
GJC3	18.4997026	1450.922567	0.0128	0.9898	1.145430497	count	1
AP000802.1	18.4997027	1450.922594	0.0128	0.9898	1.145430497	count	1
ERFE	20.2370456	1877.90353	0.0108	0.991	1.14543051	count	1
PCDHGB7	20.2370456	1877.90353	0.0108	0.991	1.14543051	count	1
AC006027.1	20.2370453	1877.903362	0.0108	0.991	1.14543051	count	1
KRT6B	20.2370452	1877.903484	0.0108	0.991	1.14543051	count	1
TP73	20.2370461	1877.903697	0.0108	0.991	1.14543051	count	1
AC084756.1	20.2370462	1877.90359	0.0108	0.991	1.14543051	count	1
AC009095.1	20.2370462	1877.90359	0.0108	0.991	1.14543051	count	1
PRSS22	1.587588	0.7200633	2.2048	0.0275	1.148863279	count	1
AC015982.1	1.2695081	0.4427765	2.8672	0.00417	1.150322493	count	1
PPM1L	1.194455	0.5593221	2.1355	0.0328	1.15345075	count	1
PLCD1	1.280228	0.423524	3.0228	0.00252	1.159754106	count	1
SPAG4	1.7752285	0.600997	2.9538	0.00316	1.16015298	count	1
CCL3	0.8097656	0.1774859	4.5624	5.24E-06	1.160251372	count	0.12604296
ITGAX	0.995316	0.4811159	2.0688	0.0386	1.167711802	count	1
PTK2	1.4101707	0.5920712	2.3818	0.0173	1.167870695	count	1
AC090517.4	2.656304	1.2964251	2.0489	0.0405	1.174296057	count	1
IFITM1	0.8255514	0.0619753	13.3206	1.69E-39	1.17757487	count	4.11E-35
LINC00920	1.1748629	0.3758774	3.1257	0.00179	1.189783218	count	1
GZMB	0.8330532	0.1035231	8.047	1.16E-15	1.194545346	count	2.82E-11
AC078845.1	2.735355	1.431481	1.9109	0.0561	1.194830524	count	1
KIR3DL2	1.0533418	0.3165277	3.3278	0.000885	1.195426705	count	1
ADGRG5	1.182056	0.4207536	2.8094	0.00499	1.196939463	count	1
GOLGA8N	1.3310331	0.6726711	1.9787	0.0479	1.204210352	count	1
LEXM	2.1513953	0.9319773	2.3084	0.021	1.20443551	count	1
AC008443.5	1.55346	0.7144468	2.1744	0.0297	1.208248972	count	1
RTL6	1.4112075	0.5289691	2.6678	0.00767	1.224547385	count	1
TSPAN32	0.9419461	0.2085837	4.5159	6.52E-06	1.229336913	count	0.15679948
PLEK	0.8643554	0.0996129	8.6771	6.19E-18	1.231183793	count	1.50E-13
GPR141	1.172785	0.6326562	1.8537	0.0639	1.232664166	count	1
TRGC1	0.8946401	0.1797229	4.9779	6.75E-07	1.235133264	count	0.016276275
PATL2	0.9422839	0.2012073	4.6831	2.94E-06	1.235634075	count	0.07077756
GSDMA	1.7441814	0.7823881	2.2293	0.0259	1.250025821	count	1

CATSPER1	1.612368	1.0290194	1.5669	0.117	1.250143752	count	1
SH3BP5L	1.3442643	0.463815	2.8983	0.00378	1.257002411	count	1
AL035701.1	1.3084754	0.5500696	2.3787	0.0174	1.260549479	count	1
RASSF1-AS1	1.4950947	0.5000694	2.9898	0.00281	1.293010977	count	1
TYROBP	0.9091843	0.1686979	5.3894	7.55E-08	1.293504583	count	0.001823325
NUMBL	1.6800071	0.7823956	2.1473	0.0318	1.297338442	count	1
MLC1	2.0306818	1.487798	1.3649	0.172	1.298165724	count	1
S1PR5	0.9576724	0.1967714	4.8669	1.19E-06	1.303073259	count	0.028679
NCR1	1.8311465	0.5984353	3.0599	0.00223	1.303880382	count	1
LINC02446	1.0119234	0.2406818	4.2044	2.69E-05	1.320430383	count	0.6454117
DNAJC27-AS1	1.7188288	0.6546188	2.6257	0.00869	1.323968478	count	1
GPRIN1	2.091889	0.7898468	2.6485	0.00812	1.328990583	count	1
LINC01504	2.097854	1.408787	1.4891	0.137	1.331947341	count	1
TLR6	1.482328	0.5665788	2.6163	0.00893	1.333972614	count	1
PIF1	1.165909	0.488939	2.3846	0.0172	1.345308163	count	1
ROPN1L	1.466261	0.5840085	2.5107	0.0121	1.365280371	count	1
CXXC5	1.1227471	0.346615	3.2392	0.00121	1.376025564	count	1
HOXA10	1.9574624	1.165822	1.679	0.0932	1.378932277	count	1
PROCR	1.699466	0.6610064	2.571	0.0102	1.387225306	count	1
HIST1H3A	1.62292	0.4281619	3.7904	0.000153	1.394610293	count	1
NCR3	1.0124447	0.1612776	6.2777	3.87E-10	1.415549144	count	9.37E-06
PDGFD	1.1505172	0.2910503	3.953	7.88E-05	1.426886489	count	1
GTF3C1	1.05566	0.1722765	6.1277	9.94E-10	1.458012625	count	2.41E-05
WDR81	1.4326193	0.4293614	3.3366	0.000857	1.470161257	count	1
CNR2	2.9634089	1.4707126	2.0149	0.044	1.479728394	count	1
AP001269.4	2.9736131	1.0183552	2.92	0.00352	1.482327964	count	1
NCAM1	1.740026	0.8814681	1.974	0.0485	1.484503338	count	1
HBA1	18.175971	1299.421528	0.014	0.9888	1.494764645	count	1
HOXC4	18.3254835	1095.639854	0.0167	0.9867	1.494764649	count	1
IDI2	19.6451196	1038.698885	0.0189	0.985	1.494764667	count	1
SLC25A30-AS1	19.6451196	1038.698907	0.0189	0.985	1.494764667	count	1
SYT6	19.6478274	1398.864737	0.014	0.989	1.494764667	count	1
DGKK	18.9683319	1911.221144	0.0099	0.9921	1.494764756	count	1
HOXC5	19.6451199	1038.698928	0.0189	0.985	1.494764763	count	1
EBF4	18.83633	1337.066522	0.0141	0.989	1.494764847	count	1
AC007405.3	18.837984	1402.741004	0.0134	0.989	1.494764847	count	1
CYTL1	18.837984	1402.74098	0.0134	0.989	1.494764847	count	1
TTC38	1.0970822	0.1981405	5.5369	3.31E-08	1.499234376	count	0.000799828
ST3GAL4	1.179373	0.2917726	4.0421	5.42E-05	1.506803006	count	1
OSBPL5	1.3358657	0.4099702	3.2584	0.00113	1.509585741	count	1
ERBB2	1.883419	0.7876974	2.391	0.0169	1.516886702	count	1
AL031283.1	2.232107	1.47104	1.5174	0.129	1.528356714	count	1
KLRD1	1.0733473	0.0967948	11.0889	4.29E-28	1.533855066	count	1.04E-23
FCRL6	1.1421269	0.1707241	6.6899	2.60E-11	1.541152197	count	6.30E-07
PRF1	1.1001882	0.0894405	12.3008	4.71E-34	1.576294711	count	1.14E-29

LYN	1.3106391	0.351139	3.7325	0.000193	1.57933328	count	1
KIR3DL1	1.503443	0.6422698	2.3408	0.0193	1.591314278	count	1
PLVAP	1.609165	0.9016146	1.7848	0.0744	1.607036408	count	1
SLC1A7	1.8539873	0.6734949	2.7528	0.00594	1.632204181	count	1
AL158071.3	1.638847	0.580865	2.8214	0.00481	1.634224318	count	1
MMP23B	1.3692081	0.3416258	4.0079	6.26E-05	1.639086278	count	1
CHST2	1.462328	0.5286858	2.766	0.00571	1.67651355	count	1
FEZ1	1.382487	0.3693032	3.7435	0.000184	1.708590843	count	1
LINC02384	1.3447797	0.3069024	4.3818	1.21E-05	1.718611851	count	0.2907146
SIGLEC7	1.977722	0.5319454	3.7179	0.000204	1.723855703	count	1
AC103591.3	1.6347643	0.3230112	5.061	4.39E-07	1.74573162	count	0.010589119
TRBV13	19.196157	1403.873085	0.0137	0.989	1.775783921	count	1
MIR181A2HG	18.4497844	1205.685575	0.0153	0.9878	1.775784822	count	1
SIGLEC9	18.5597617	1053.002042	0.0176	0.9859	1.775784826	count	1
PRDM12	19.1979105	1955.020676	0.0098	0.9922	1.77578484	count	1
KIR2DL1	2.8997968	2.5535101	1.1356	0.2562	1.810307148	count	1
GNLY	1.267818	0.1139948	11.1217	3.01E-28	1.827522932	count	7.32E-24
TRDC	1.3026982	0.2348066	5.548	3.11E-08	1.82789735	count	0.000751532
LCNL1	3.0637126	2.7193279	1.1266	0.26	1.862764456	count	1
C11orf21	1.5179689	0.2806105	5.4095	6.76E-08	1.902567484	count	0.001632743
AC245014.3	1.6595195	0.266443	6.2284	5.29E-10	1.932861057	count	1.28E-05
ZNF625	2.432335	0.7745199	3.1404	0.0017	1.941612526	count	1
PRSS23	1.4543552	0.2331641	6.2375	4.99E-10	1.975182919	count	1.21E-05
NMUR1	1.6618225	0.4720128	3.5207	0.000436	1.983198348	count	1
ENPP5	2.784221	0.8218658	3.3877	0.000713	2.018369046	count	1
S100A8	1.7233916	0.6347863	2.7149	0.00666	2.062763157	count	1
CD160	1.542867	0.2667865	5.7832	7.99E-09	2.084201433	count	0.000193214
ASCL2	1.60183	0.253876	6.3095	3.16E-10	2.152857546	count	7.65E-06
CX3CR1	1.609111	0.2619409	6.143	9.03E-10	2.200019821	count	2.19E-05
FGR	1.8498691	0.3273945	5.6503	1.73E-08	2.213703141	count	0.00041821
SPON2	1.562978	0.1589106	9.8356	1.58E-22	2.218499595	count	3.84E-18
GOLGA8M	2.335426	0.5494292	4.2506	2.19E-05	2.253268356	count	0.5256876
CES1	2.02294	0.4295727	4.7092	2.59E-06	2.40050531	count	0.06235943
ADGRG1	1.8017191	0.2225562	8.0956	7.86E-16	2.402900946	count	1.91E-11
CXCR2	2.440979	0.5780867	4.2225	2.48E-05	2.417078954	count	0.5951008
SH2D1B	3.121451	0.8803115	3.5458	0.000397	2.447540982	count	1
FCGR3A	1.7422479	0.1691575	10.2996	1.62E-24	2.488157672	count	3.94E-20
PRSS57	19.751448	991.3638884	0.0199	0.984	2.548062818	count	1
B3GALNT1	19.755532	1465.78083	0.0135	0.989	2.548062818	count	1
KLRF1	1.8581154	0.2757154	6.7393	1.86E-11	2.549812538	count	4.51E-07
FGFBP2	1.8104716	0.1477384	12.2546	8.14E-34	2.597979266	count	1.98E-29
NME8	3.312978	1.1902349	2.7835	0.00541	2.821213448	count	1
MYOM2	2.375792	0.7430392	3.1974	0.0014	2.838474552	count	1
PTGDS	2.132601	0.3990947	5.3436	9.71E-08	3.016428631	count	0.002344382