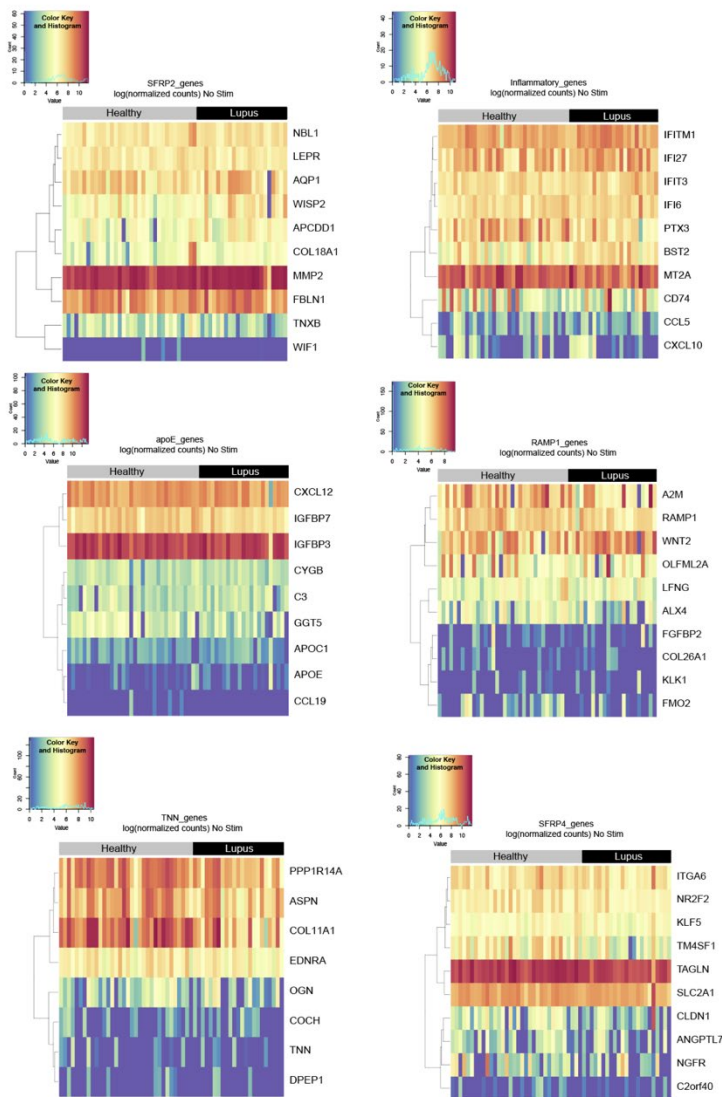
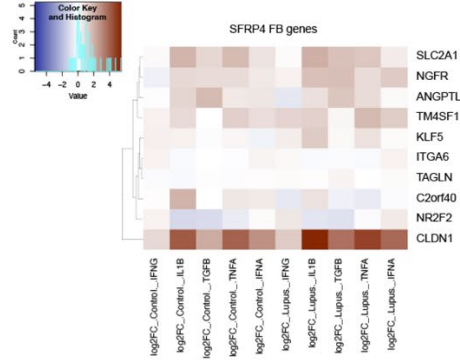
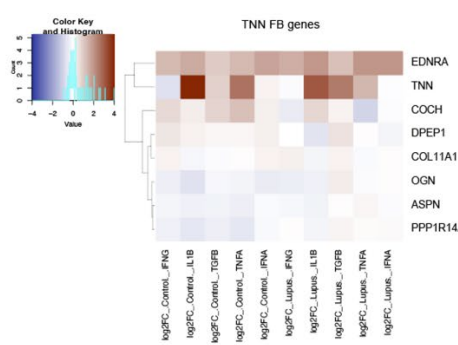
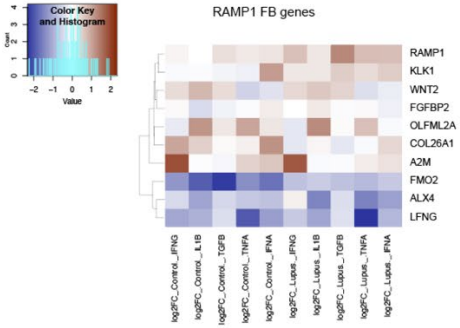
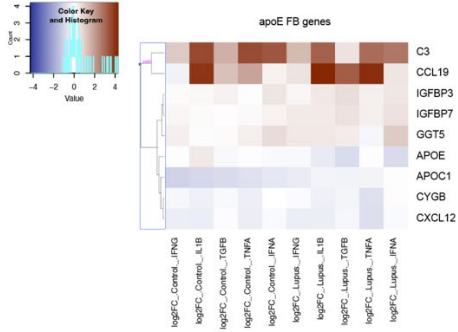
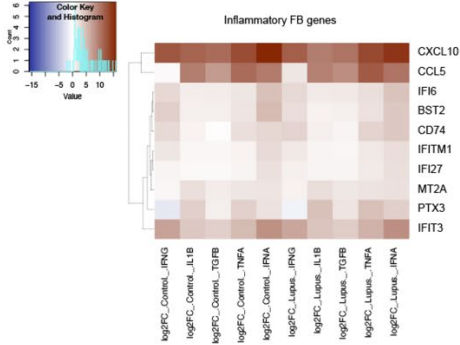
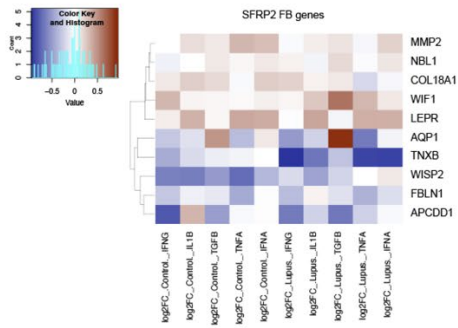


Supplemental Figure 1. Fibroblast subtype populations present before (a) and after (b) cytokine stimulation. Visualization of raw normalized counts (a) and log₂FC for DEGs (b) using the top 10 cell markers for each fibroblast subtype cluster identified in the scRNA-seq dataset.

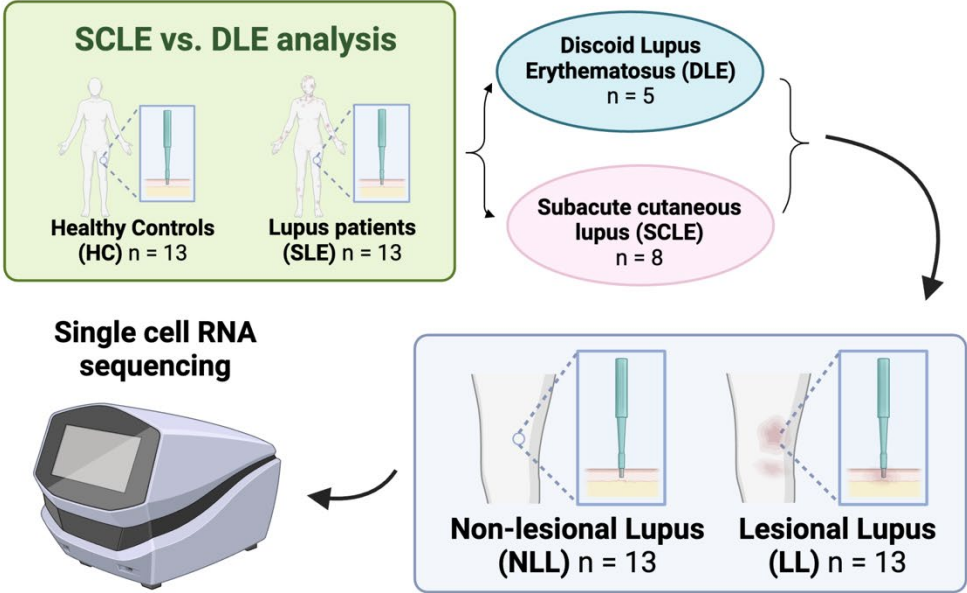
A



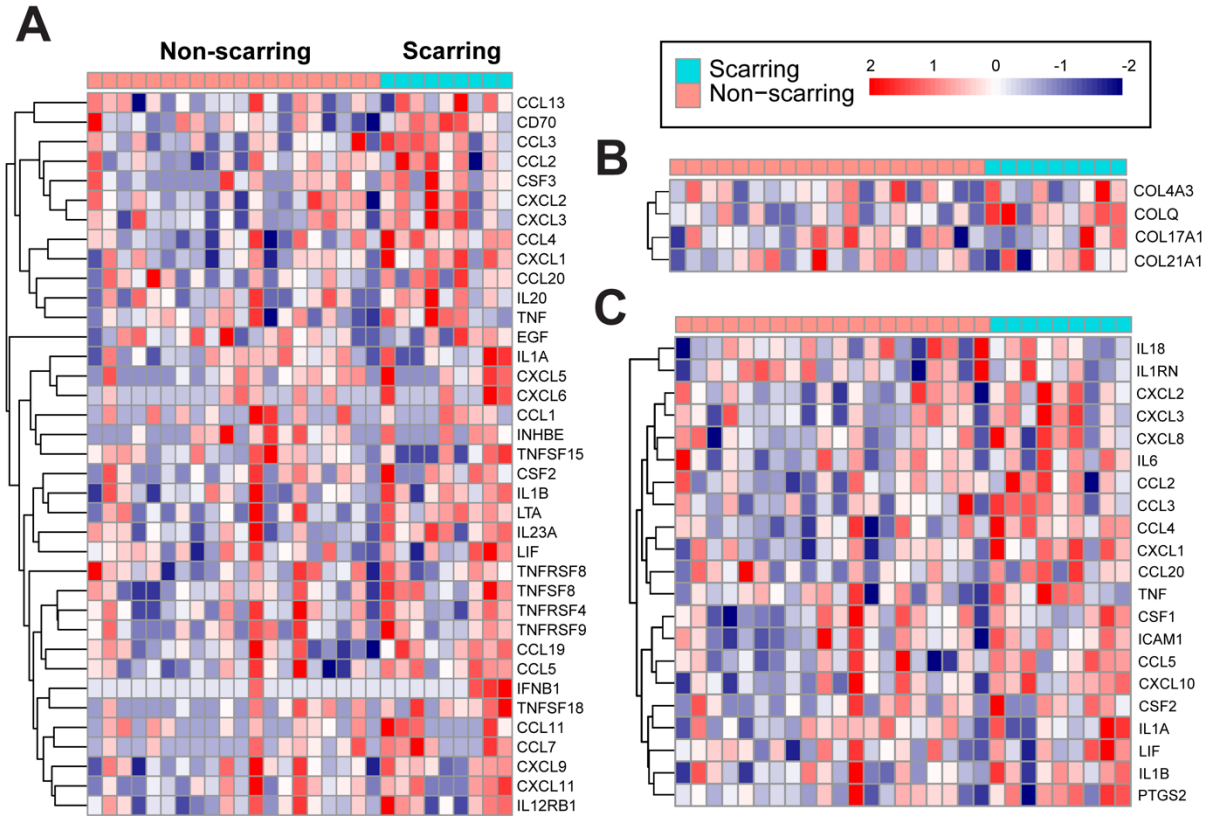
B



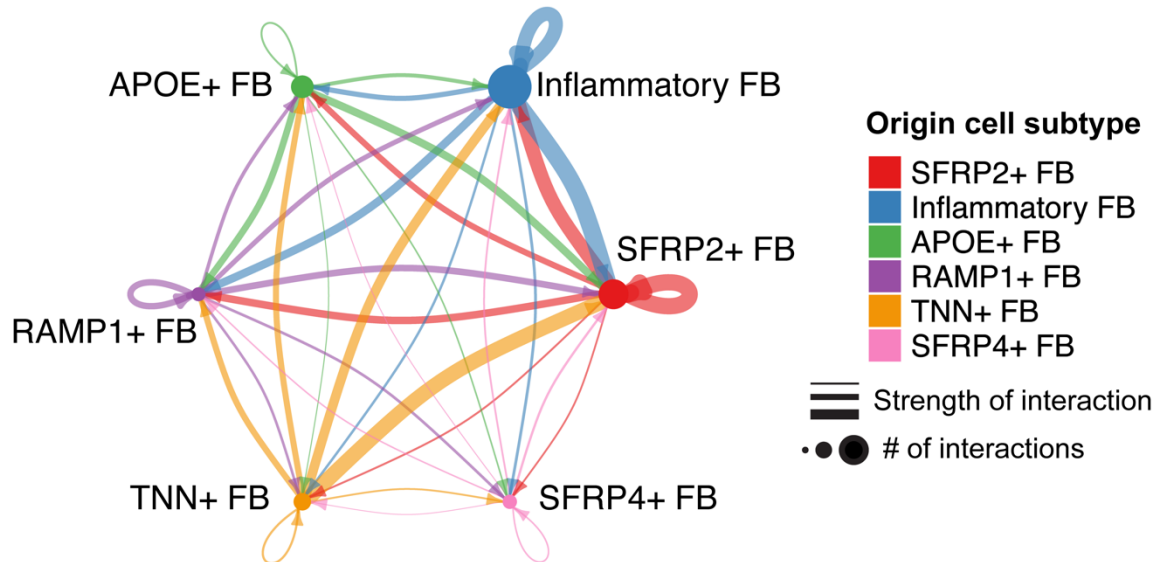
Supplemental Figure 2: Workflow schematic for SCLE vs. DLE single cell RNA sequencing analysis.



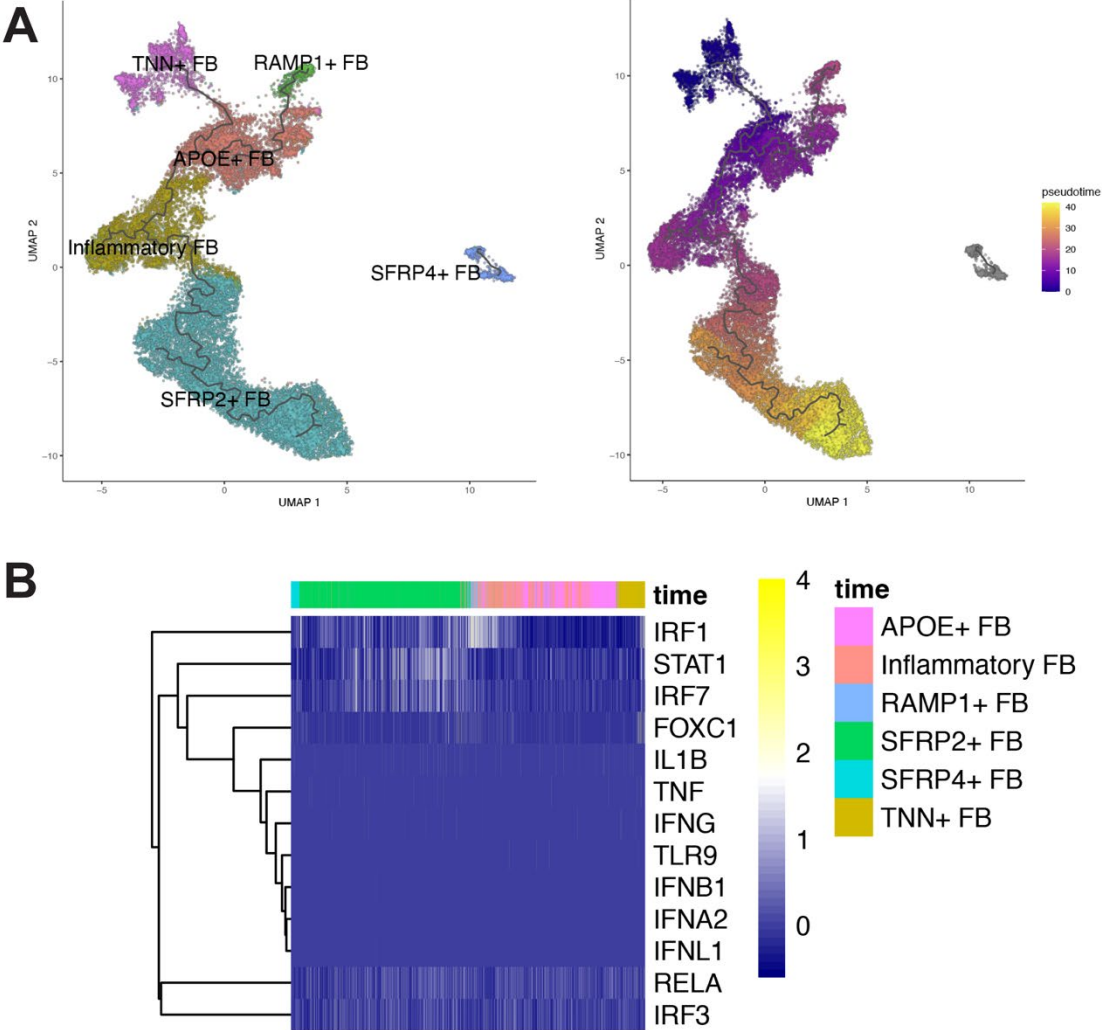
Supplemental Figure 3: Upregulation of inflammatory pathway and collagen genes skewed in fibroblasts are found in lesional biopsies from scarring or non-scarring CLE. Heatmaps illustrating the relatively higher upregulation of **a)** cytokine-cytokine receptor pathway, **b)** collagen pathway, and **c)** inflammatory pathway genes in lesional bulk RNA-seq data from patients with DLE (scarring) vs. SCLE (non-scarring).



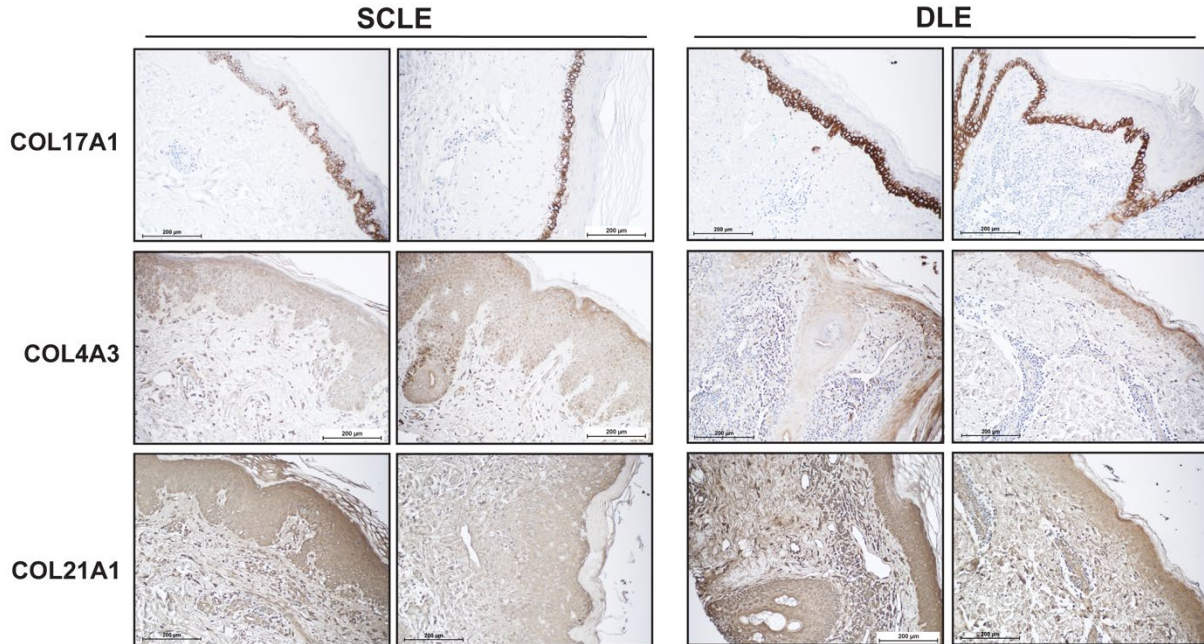
Supplemental Figure 4: Cell-cell interactions. Visualization of cell-cell communications from the single-cell data using CellChat (9). Node size indicates number of interactions and edge weight denotes strength of interaction. Numerous strong interactions are noted between inflammatory fibroblasts and SFRP2+ fibroblasts.



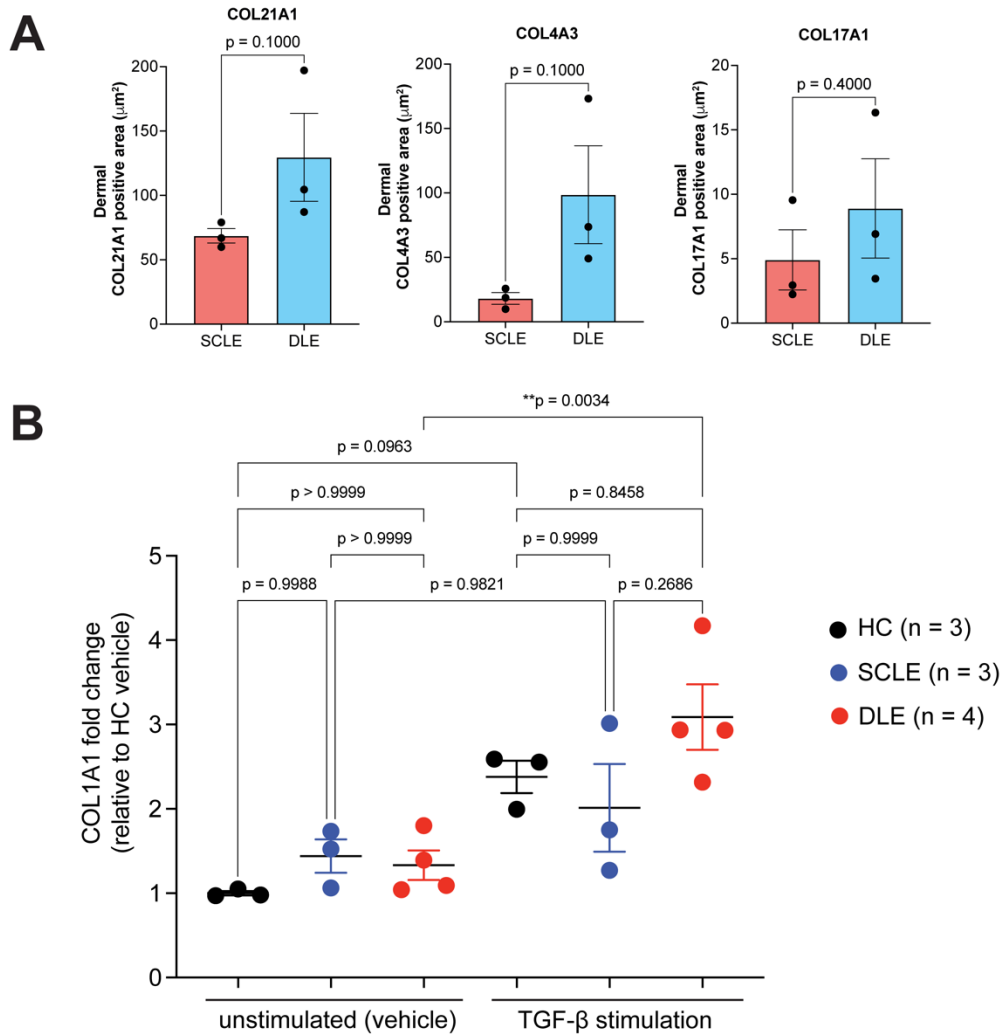
Supplemental Figure 5: Pseudotime analysis. Pseudotime trajectory between the various subtypes of fibroblasts (A) and heatmap showing gene expression for each of the subtypes across pseudotime (B).



Supplemental Figure 6. Additional immunostaining for specific collagens in lesional skin sections from additional lupus patients with SCLE or DLE. Formalin-fixed paraffin-embedded tissue sections from lesional skin were stained for COL17A1, COL21A1, and COL4A3. Representative images from different patients of each subtype are shown at 200X magnification with a scale bar of 200 μ m.



Supplemental Figure 7. TGF- β induces significantly high levels of COL1A1 expression in dermal fibroblasts from SLE patients with scarring skin disease. (A) Quantification of immunostaining for COL21A1, COL4A3, and COL17A1 from **Figure 6**. (B) Dermal fibroblasts isolated from healthy control (HC, n=3) volunteers or from the non-lesional skin of patients with non-scarring (SCLE, n=3) or scarring (DLE, n=4) CLE were treated with vehicle or stimulated with 10 ng/mL TGF- β for 24 hours. Collagen type I alpha 1 (COL1A1) expression was quantified by qPCR. Expression was normalized to β -actin and compared to untreated HC. Data were analyzed by one-way ANOVA; p-values for all comparisons are shown, and the statistically significant response is denoted by asterisks (**p-value < 0.01).



Supplementary Table 1: Demographic data for study population

	Control (n = 33)	Non-damage (n = 13)	Damage (n = 8)
Age at skin biopsy, years, mean (SD)	27.5 (19.8)	47.6 (13.0)	49.7 (15.0)
Sex (n)			
Female	24 (73%)	11 (85%)	8 (100%)
Male	9 (27%)	2 (15%)	0 (0%)
Ethnicity (n)			
Caucasian	31 (94%)	13 (100%)	3 (38%)
Black	3 (9%)	0 (0%)	6 (75%)
Hispanic	0 (0%)	1 (8%)	0 (0%)
Other/Unspecified	1 (3%)	0 (0%)	0 (0%)
BMI, mean (SD)	27.4 (5.5)	32.2 (7.2)	26.9 (6.0)
Autoantibodies** (n)			
dsDNA (21)		5 (38%)	5 (63%)
Smith (21)		2 (15%)	3 (38%)
SSA/SSB (16)		2 (22%)	2 (29%)
RNP (15)		3 (33%)	0 (0%)
Chromatin (15)		3 (33%)	1 (17%)
Beta2-glycoprotein, anti-cardiolipin (15)		0 (0%)	3 (50%)
Low C3 and/or C4 (n)		6 (46%)	5 (63%)
Type of skin lesion* (n)			
ACLE		9 (69%)	4 (50%)
SCLE		3 (23%)	2 (25%)
DLE		3 (23%)	5 (63%)
Lupus panniculitis		0 (0%)	1 (13%)
Lupus tumidis		0 (0%)	1 (13%)
CLASI-Activity, mean (SD)		6.9 (13.3)	7.0 (6.0)
CLASI-Damage, mean (SD)		0 (0)	7.5 (3.6)
Lupus nephritis class III or IV (n)		1 (8%)	5 (63%)
SLEDAI, mean (SD)		5.1 (5.5)	6.9 (5.5)

*Some patients had more than one lesion subtype in their rash history, all patients with ACLE in the “damaged” subgroup had concurrent hx of DLE.

**Some antibody data was not available for each patient

Gene	log2FoldChange	padj
CXCL10	10.96312251	1.20698E-38
CX3CL1	8.987904923	8.43699E-17
CXCL8	8.918660889	1.38175E-79
CXCL11	8.531203901	4.86983E-16
CCL20	8.384389483	1.40164E-21
OASL	8.270019379	1.80921E-34
RSAD2	7.985986838	2.88898E-18
GPR84	7.910249847	1.39939E-16
CXCL3	7.767424611	7.40624E-39
CCL5	7.676087616	6.54854E-30
SELE	7.612795184	3.6729E-06
CXCL1	7.089087118	7.96446E-53
CCL8	7.052575603	8.14375E-13
OAS1	6.681889017	2.30374E-24
CMPK2	6.67813158	3.52338E-17
CD69	6.666172172	4.72871E-08
BCL2A1	6.54846124	6.36706E-17
CSF3	6.537483717	3.50699E-06
LINC01539	6.345032827	7.06158E-10
MRGPRX3	6.328679599	1.34374E-07
CXCL9	6.322765801	3.1765E-06
G24578	6.16579548	1.19795E-07
TLR2	6.020946263	5.08478E-14
IL1B	5.898025243	2.144E-22
KYNU	5.872770065	4.04523E-17
GBP1P1	5.84305287	2.38692E-24
GCH1	5.701138106	1.94228E-27
GPR37L1	5.625879938	3.79436E-18
KDR	5.389528672	2.78092E-18
AC022509.2	5.383604904	1.8293E-23
SSTR2	5.348856024	1.04911E-12
NOD2	5.322246378	7.84288E-15
CXCL2	5.292846997	8.12304E-20
MEOX1	5.281162754	9.88496E-18
DCLK3	5.277687047	2.19845E-21
GBP4	5.192848744	6.08537E-23
KCNK9	5.053905143	6.99698E-06
CXCL6	5.015349453	5.87415E-30
IL33	4.98707369	2.19424E-29
CSF2	4.980017154	5.94518E-12
IDO1	4.978205243	1.13222E-11
TNF	4.967471711	1.91645E-15
AC022509.1	4.959964363	0.000822975

TNFAIP6	4.937679489	6.38778E-37
IFIT2	4.834214274	3.71492E-20
CCL1	4.827579427	0.004465009
CXCL5	4.816486208	7.6107E-19
TNFRSF9	4.780620698	5.07945E-13
ACOD1	4.742449412	0.004702949
AC083837.1	4.72277589	1.10285E-08
IL4I1	4.620181962	3.49778E-16
SLAMF8	4.605386806	2.37474E-14
AL078604.2	4.53321298	1.8911E-05
RASGEF1B	4.523143092	2.34102E-16
RCSD1	4.518070308	5.61012E-11
ICAM1	4.507297466	5.87415E-30
CCL7	4.486516554	5.53081E-27
AL356234.3	4.48002288	1.81582E-15
G26207	4.474432021	1.24413E-21
EXOC3L1	4.441205658	4.7613E-18
ELOVL7	4.414177544	3.03775E-07
KPNA7	4.406930628	5.85021E-07
SLC7A2	4.361174768	1.6314E-09
TNFSF10	4.351138434	3.07971E-11
AL356414.1	4.346354803	0.000323786
EFNA1	4.195145018	2.77895E-09
CLDN14	4.18791239	2.1334E-23
AC105450.1	4.181059334	0.000274432
MIR3142HG	4.167551636	8.17811E-05
TNFSF13B	4.163115431	4.55572E-13
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NPTX1	4.135289622	2.73795E-18
ELF3	4.080586883	1.37997E-06
TNFAIP2	4.079698675	7.42037E-31
IFI44L	4.061561943	1.58234E-20
SAA2	3.994823374	4.56259E-14
C15orf48	3.989667392	7.35015E-25
CCL2	3.947305474	2.85629E-30
TNFAIP3	3.916791755	9.54228E-31
HERC5	3.896463055	1.49596E-10
MX1	3.88722442	1.95876E-14
ODAPH	3.861804952	3.93253E-06
CYP7B1	3.858690723	3.61555E-22
TCIM	3.822441673	4.83639E-37
HAS1	3.815299586	4.39589E-25
CD274	3.788344042	1.28007E-30

SPATA20P1	3.780978853	1.24303E-10
SOD2	3.764409135	3.6577E-29
CD38	3.761597687	0.001453888
IFIT3	3.72847741	4.03713E-15
IL1RN	3.721948854	3.06955E-11
AL135818.2	3.711012723	3.26983E-07
GBP7	3.700178364	0.024006421
EGR2	3.695921554	9.62156E-47
LINC02156	3.598833776	4.24078E-12
HSPD1P6	3.597072152	2.57147E-09
KCNF1	3.569926793	0.000244778
PHOSPHO1	3.563229943	5.47083E-13
GNA15	3.557291083	0.000769098
LINC02392	3.550898499	4.46019E-05
FTLP15	3.542168534	4.22466E-06
TRAF1	3.532713213	7.41634E-22
LIF	3.505275811	1.44381E-29
CXCR5	3.493772516	1.57219E-05
RORB	3.472429437	0.000688371
AC011511.5	3.462895055	0.000304597
EREG	3.443763245	1.42679E-07
IFIH1	3.436003566	1.25141E-14
FAM177B	3.417088869	1.65807E-21
GBP5	3.415070397	3.64992E-12
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PTGS2	3.304103782	6.83683E-22
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LINC00944	3.27775924	5.30311E-09
GPR68	3.260683	1.34469E-59
GOS2	3.245831277	3.35047E-15
VCAM1	3.23805057	1.05723E-15
BIRC3	3.213451778	4.60727E-19
TP63	3.21272748	1.14596E-06
CCL11	3.210979664	1.85401E-14
CHI3L2	3.203996522	7.87479E-09

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NKX3-1	3.089469885	7.30079E-39
MX2	3.069154437	3.26549E-10
IFIT1	3.063515154	9.02023E-11
EGOT	3.04873265	0.010883476
PKP1	3.045356977	5.32888E-09
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TRPA1	3.041437675	1.30721E-23
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AC126178.1	2.991179813	2.78692E-07
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HOXD11	2.967687096	2.7842E-06
CFAP161	2.950839629	5.18339E-07
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AC009950.1	2.789592695	5.66728E-06
SPTBN5	2.785823936	8.07875E-05
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RGS16	2.737454352	1.05052E-16
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USP18	2.735536146	5.55774E-12
UNC13A	2.719045232	4.69176E-08
MMP13	2.71492744	0.00094444
AL355304.1	2.708413586	2.67718E-09
PDZK1IP1	2.705771332	1.5351E-06
RHBDL3	2.700551777	0.000157952
HBEGF	2.693384021	9.30009E-29
OAS3	2.675803923	4.49259E-11
AC099552.1	2.670472113	0.001679802
BTBD11	2.665738305	2.90512E-11
ACTN2	2.64789284	0.025696598
LINC01629	2.626242066	0.000284049
OAS2	2.624808022	1.3331E-10
FAM107A	2.622317878	0.008265495
BDKRB1	2.615845633	3.01938E-20
WNT1	2.611628006	0.047043295
AC005549.3	2.608471826	0.000145767
EBI3	2.603645679	2.68816E-06
PEG13	2.596357193	1.19601E-05
KLHL38	2.596328143	5.4644E-06
FOSB	2.589365014	5.37429E-07
USP30-AS1	2.585550347	8.45552E-05
PKN2-AS1	2.576199052	7.07692E-07
P2RY6	2.575757312	2.26677E-21
IL20	2.573359548	8.19463E-08
PLAC4	2.571647535	3.59327E-05
NIPAL4	2.564147339	5.55899E-12
AC012020.2	2.563508314	0.004278543
AC131649.2	2.562832965	0.005266034
STRA6	2.560396975	5.21469E-12
IL22RA1	2.558872278	5.90985E-08
SERPINA9	2.54418348	4.45107E-08
RASL11B	2.524889904	1.60113E-20

ITGB6	2.520826869	0.003609155
CLIC6	2.519292026	9.0147E-06
HERC6	2.511939093	9.07828E-09
IFI44	2.504442082	4.63998E-16
CFAP58-DT	2.497930002	1.21415E-09
AL162274.1	2.494572376	1.36496E-05
CCL3	2.476537004	0.001614972
IL32	2.476253301	5.10239E-21
P2RY2	2.469398319	5.72473E-06
XLOC_002530	2.46894345	6.31816E-05
OLR1	2.464999994	8.43699E-17
BTC	2.464201702	0.006581804
RELB	2.460876056	1.67221E-29
DRAXIN	2.453494886	4.00805E-05
AL445490.1	2.44921877	0.036336377
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AC044781.1	2.442018227	0.000458879
PPP4R4	2.440099078	1.44408E-07
AIM2	2.439858277	0.004554534
IFI30	2.436493682	0.01428142
PAIP1P1	2.435686348	0.001628626
G11966	2.433718191	0.01568741
ROBO4	2.432561162	0.000292789
LST1	2.424792215	9.81545E-05
GBP1	2.423402271	4.26129E-12
S1PR5	2.421977096	2.89821E-16
EPSTI1	2.419112108	1.25916E-10
HELZ2	2.417103243	5.42817E-10
USP43	2.413964192	8.66053E-05
CACNA1G	2.412535024	2.07703E-07
PRAL	2.409148225	0.018538747
AL158166.1	2.405633556	5.77024E-05
XLOC_012049	2.402864286	1.15107E-09
IL15RA	2.399991842	5.83242E-13
CTSS	2.396492051	6.70085E-11
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PGBD5	2.384395095	0.001064451
XLOC_000358	2.382780594	4.41202E-07
DCSTAMP	2.374211501	3.24946E-05
IRAK2	2.369207476	1.51295E-19
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AL033397.2	2.344356466	0.004438834
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AC099494.3	2.339840237	8.24066E-06
AL049825.1	2.339562376	4.66667E-09
LINC02470	2.323875292	0.002033755
DIRC1	2.321170101	8.72448E-07
IL11	2.316059046	1.68998E-18
AL391056.1	2.313407988	2.46394E-13
FAM124A	2.311535754	1.12135E-07
TMEM51	2.311043899	5.96319E-12
IL12RB1	2.309915788	0.000103463
IL10RB-DT	2.30984346	1.32496E-06
TSPAN2	2.307301719	1.64137E-39
LINC01828	2.304717642	0.008739801
IRF7	2.298016996	1.7458E-13
TMEM88	2.276614254	0.027032293
SLCO5A1	2.276390446	2.93039E-05
RND1	2.274079082	0.000230714
XLOC_003146	2.274011237	6.92815E-28
LMO2	2.27189239	0.009680923
MMP12	2.271115411	3.02251E-09
AC009152.3	2.26589135	7.98831E-10
AC018644.1	2.262273022	2.19647E-06
KIAA0040	2.26114438	4.55338E-20
TBILA	2.260064345	0.006198066
PRRG4	2.259275596	0.011231705
AC005840.3	2.25760646	0.003293904
CLDN1	2.248359157	1.00268E-10
SMAD7	2.238934414	7.82202E-29
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TLR5	2.215778845	7.17766E-06
XIRP1	2.21529732	0.008338425
AC006249.1	2.210869666	8.74562E-05
LDLRAD4	2.205298832	1.60727E-14
AL357673.2	2.19736469	0.005576723
AC097451.1	2.19193582	2.09642E-10
ST6GAL2	2.190629416	0.001981018
AC099494.1	2.188402112	6.68324E-06
SNX10	2.185119187	0.00889055
TSLP	2.182901957	3.92015E-07
PTHLH	2.182348416	5.23327E-17
CD83	2.180449491	1.19176E-10
AC004817.3	2.178917113	0.000149371
KCTD11	2.178612167	2.58618E-34
PLA1A	2.175199485	0.029617134

BCL2L14	2.172946517	0.007742678
AC016397.2	2.169861519	5.69109E-08
C1QTNF1	2.156774519	4.31776E-14
CACNA1G-AS1	2.155806738	0.016728276
TRABD2B	2.154847781	0.02737114
CD70	2.154080949	4.97388E-10
TRAPPC3L	2.146115164	6.93042E-05
AC007686.1	2.13763389	0.000105618
RASL12	2.137204347	0.001014711
NFATC2	2.130009704	9.04457E-13
HCK	2.124511675	2.10533E-08
C3AR1	2.122297791	0.001069092
PARP12	2.119661942	8.12304E-20
BHLHE40	2.117330543	2.53109E-22
DHX58	2.115753499	3.50405E-10
AC080014.1	2.109240554	1.22034E-05
ETV7	2.109027486	3.54396E-08
ATF3	2.10842272	1.76757E-12
NFKB2	2.105493957	1.00736E-18
NFKBIZ	2.103254516	6.43113E-27
MMP1	2.102868901	3.35214E-12
IL34	2.099572768	3.05595E-09
TYMP	2.095776796	5.76036E-14
SOCS1	2.093054482	8.96317E-05
TLR3	2.092155666	4.5932E-07
LEFTY2	2.084457438	0.001300834
AP002852.1	2.07318675	9.32897E-06
QRFP	2.072144773	7.85824E-05
P2RY1	2.071823231	0.000370851
TFPI2	2.071737506	3.02351E-21
BEST3	2.069088114	0.001815527
AC131009.2	2.058635218	0.009359025
THEMIS2	2.055051406	1.47985E-11
NR4A2	2.051277352	4.57903E-09
CYP27B1	2.049310962	3.27546E-06
AL024508.1	2.034282807	0.021811603
SLC39A14	2.021941604	6.12529E-20
CFAP45	2.019920411	1.33734E-07
HLA-DOB	2.019240476	0.005574733
DDX60	2.014326966	1.8565E-12
MFSD2A	2.008836076	3.38853E-12
SEMA4D	1.993248155	4.3651E-07
KCNJ15	1.990874123	8.68017E-24

C1orf147	1.986919038	0.024289653
RELT	1.983531379	1.58065E-20
AC009152.1	1.982819793	0.027280807
SLC22A2	1.982574551	0.026714397
XAF1	1.981437924	1.46418E-16
FYB1	1.979500895	0.005468718
FAM19A3	1.976727424	4.42265E-05
CLEC1A	1.971668233	8.66053E-05
FOXP1-IT1	1.970214862	5.80274E-07
PARP14	1.967827556	7.34789E-12
44258	1.966698881	1.08865E-23
AC008083.1	1.966551819	0.000106236
RN7SL368P	1.964762231	0.013374582
IFNE	1.963226455	0.000102409
PMEPA1	1.958450413	6.84333E-32
IRF1	1.956186029	1.69986E-08
SLC12A7	1.946743894	4.38916E-10
RN7SL834P	1.944622742	0.024774205
TNFAIP8	1.943095395	1.03557E-18
AC020913.3	1.942236861	0.006473472
AMPD3	1.937572107	2.92397E-14
PHACTR1	1.93702651	1.46534E-16
NFKBIE	1.935540978	4.13199E-11
XXYLT1-AS2	1.935522674	0.000874584
CD34	1.934329729	1.14712E-08
TRIB1	1.934188455	1.33562E-06
GFPT2	1.933733238	2.00055E-32
RNF19B	1.933218294	1.23022E-14
ADAP1	1.93301867	3.79939E-11
SLC19A2	1.932621764	1.54294E-29
SAMD9L	1.924003048	3.04428E-11
BMP2	1.92240212	1.03296E-05
CSRNP1	1.920267225	8.92345E-28
AL592546.1	1.919878816	0.011618051
ISG20	1.919340198	1.25003E-07
CCL4	1.917584213	0.019684448
LINC00640	1.916386349	0.000156834
LINC00622	1.916313347	0.003845738
LINC02086	1.912103294	1.58903E-05
WWC1	1.911666268	1.14447E-10
SAA1	1.909163708	5.822E-09
TNIP3	1.907662886	1.52129E-06
IL18BP	1.905076858	5.99773E-07

RASSF5	1.904486754	1.7818E-05
HSPA6	1.903769114	0.025382144
MSC	1.903633749	7.71179E-19
VNN1	1.90086761	0.003198674
RHOH	1.899934519	0.001669661
AC009949.1	1.898303789	0.009572677
AL158166.2	1.896554044	0.032924027
XLOC_007602	1.89357291	7.77086E-05
ENC1	1.892765284	3.13151E-37
LRRC8C	1.892495783	1.07559E-30
SERPINB2	1.890564154	1.50007E-11
LRIG1	1.890234739	1.70727E-19
PROX1	1.889678881	0.000139541
TBX3	1.887721742	1.9816E-39
AL356234.1	1.884014154	0.004232781
DLL1	1.882239545	0.000162148
APOL4	1.879974567	0.003180022
SPACA6P-AS	1.877491501	0.011755896
JUNB	1.875264973	5.60712E-27
PTGER2	1.874199412	4.53451E-09
AP003555.2	1.872245731	0.000361982
AC243571.2	1.871163476	0.003484615
TNIP1	1.86945669	7.99814E-15
XLOC_013952	1.866841842	4.22466E-06
AC083949.1	1.860475204	0.022575665
CLEC12A-AS1	1.860193252	6.68471E-08
CAMK2A	1.859688267	1.92833E-05
ADAMTS4	1.856134174	3.73439E-31
SERPINA1	1.851090363	0.000260481
RNU6-60P	1.849171304	6.76981E-05
AL021408.2	1.843823182	0.000169667
AC034223.1	1.836027425	0.004329066
ANGPTL7	1.833357424	1.04144E-07
AL139807.1	1.83089513	0.004657015
ITGA2	1.826442103	3.11625E-24
AC013451.2	1.821820624	0.000244395
MMP8	1.821060337	0.003893202
SAMD9	1.820814124	9.32558E-13
PDGFB	1.814703433	0.012479274
HMOX1	1.812769583	9.28994E-35
MTSS1	1.805513279	5.66739E-08
AL355102.4	1.803808484	0.005188722
AL355102.1	1.802626004	0.014138228

ZNF259P1	1.799985722	1.83506E-23
DDX60L	1.798012251	5.58135E-13
ARHGEF16	1.796617887	0.004655234
CEACAM1	1.795524913	0.020632062
NFKBIA	1.791899538	2.11049E-16
IL1A	1.790819655	0.013807572
G41319	1.789753114	1.76321E-06
DGKI	1.789072102	4.31513E-26
AL139405.1	1.788599937	0.000546989
LINC01140	1.786293525	9.38324E-07
EDN1	1.784728269	2.32431E-24
HMG2P46	1.783696304	6.19568E-05
SLC16A6	1.780446318	0.01465372
GBP2	1.779669249	5.80421E-09
RBM47	1.769185976	5.42322E-07
NCOA7	1.767846969	2.1083E-09
AL357992.1	1.767384765	4.1101E-08
SLC16A9	1.766869625	0.001830939
SRSF12	1.765143946	7.32974E-10
NFKB1	1.757661604	3.84587E-23
NCF2	1.753271527	5.87467E-11
XLOC_007190	1.748734499	0.003016546
SMOX	1.747426625	1.06711E-20
APOL1	1.746593323	4.09635E-09
PIK3CD	1.746567431	3.44663E-24
RN7SL683P	1.741483228	0.002018757
XLOC_009415	1.739102002	0.015068922
AC003092.1	1.736304487	4.21321E-07
GPR183	1.73420417	1.66022E-07
RIPK2	1.732121585	5.4202E-23
CCDC184	1.730205801	1.80207E-11
AL157937.1	1.728166079	0.001838434
LINC00222	1.725963825	0.010867031
AC004974.1	1.725768488	0.027015828
AC079174.1	1.723321246	0.003612929
AC004832.5	1.714071261	1.02346E-05
LINC00515	1.712697847	0.000155968
ITPRIP	1.711002552	2.53492E-26
MYO10	1.709813241	1.29139E-38
C5orf56	1.707374554	1.16229E-07
AC097634.1	1.706902971	0.000287647
BATF3	1.705930146	0.005436214
P3H2	1.701054434	2.22742E-14

G14029	1.700493817	0.001582668
L1TD1	1.698209337	2.24088E-12
MCC	1.694516672	1.47358E-22
SNORD39	1.69420235	2.60677E-05
SUSD6	1.693534805	3.89393E-34
LAMC2	1.69347441	3.66151E-14
AC109347.2	1.692525117	0.002201757
LINC02085	1.692229206	0.01161262
PLSCR1	1.688511745	2.1819E-09
RRAD	1.679101925	5.75518E-13
PFKFB3	1.676070511	4.83639E-37
RPL35AP32	1.674124269	0.041482577
NR4A1	1.673995624	2.16289E-11
HOXC13-AS	1.66393762	9.95252E-06
EFR3B	1.662094385	5.6851E-13
DHRS2	1.661722051	8.94979E-07
ISG15	1.661539474	3.98715E-08
LINC01711	1.661144323	0.002371503
HIVEP3	1.659408863	8.20287E-19
C3orf52	1.656741883	1.3182E-28
AP000695.1	1.655373463	3.40355E-06
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ADGRG1	1.652944114	7.20902E-07
XLOC_001195	1.648933607	0.002361967
ACKR3	1.648278413	4.56434E-10
WTAPP1	1.648064369	1.31687E-06
NPAS2	1.646981166	3.09642E-14
AP001970.1	1.646030016	0.012704651
CALHM6	1.64361074	4.66589E-06
APOL3	1.64180581	2.24016E-05
CSF1R	1.636772681	1.1695E-09
C3	1.636053111	1.22944E-07
TAP1	1.635269515	2.51368E-10
TNFSF15	1.624246023	0.004523095
LGALS9	1.619260088	1.20513E-07
WNT10B	1.614500467	0.000795108
AC116366.1	1.610869454	0.002647358
MFS4A	1.607927022	0.034986649
LINC01359	1.605631146	0.039084399
AC025186.1	1.603891235	0.036420907
XYLT1	1.601953702	3.38289E-33
AC107021.2	1.597744093	2.93178E-15
POU3F2	1.59477258	0.014298248

GBP3	1.59131831	5.37602E-09
CETP	1.590956293	0.019196943
PDPN	1.588381617	5.36639E-17
AC007728.2	1.58835272	0.001311952
APOL2	1.586949705	2.35585E-08
AC093567.1	1.581639891	0.000385273
NECTIN4	1.580269662	0.000563281
AL691420.1	1.579310859	3.23218E-06
PTPRE	1.576167442	1.36475E-13
STX11	1.575208169	4.46019E-05
HS3ST3B1	1.572921649	2.82218E-31
AQP9	1.572319627	0.000108767
IL23A	1.567984911	1.80021E-05
GCSAM	1.566863452	0.03604777
LRRTM2	1.565712193	3.28652E-06
RAP1GAP2	1.565260853	3.02117E-06
MMP10	1.565190664	0.000793282
KIAA1755	1.564044951	1.61955E-07
SSBP3-AS1	1.562901004	0.006588639
LAMB3	1.560157217	9.53886E-09
TRIM25	1.555453883	1.81625E-10
ZNFX1	1.547428516	1.6479E-12
LINC00525	1.546899267	0.010828602
TNFRSF18	1.545256542	0.000689408
DLX2	1.544684222	1.33734E-07
COL27A1	1.544615743	7.47498E-38
XLOC_014038	1.54340843	0.000429764
LINC01686	1.543399853	0.00090075
ANO1	1.540051094	0.001260862
LRRN3	1.539747739	9.50103E-36
IBSP	1.538570119	0.00151914
IFI6	1.538543088	2.27836E-07
RPA4	1.536104005	0.022784124
ANGPTL1	1.533620459	1.14992E-05
AC087164.1	1.532618881	0.007737571
ARL9	1.531662668	8.98043E-05
CHST15	1.527470555	2.38914E-17
PTGES	1.527366897	9.08179E-10
STAT5A	1.526008289	6.79634E-11
AC090617.2	1.522833924	0.020713549
AL357060.1	1.515944727	5.58917E-05
ACHE	1.510440761	0.011073096
AC124319.4	1.507401463	0.0016223

FMNL3	1.504862661	3.08466E-28
SECTM1	1.504220516	0.000193021
TRAF3	1.504039041	1.36212E-29
AL021707.6	1.502316366	7.54931E-06
TRIM21	1.500501904	4.89707E-10
KDM6B	1.491692804	1.05723E-15
NUAK2	1.491415833	1.44847E-10
NGF	1.491279603	9.80927E-28
AC068860.1	1.489995739	0.002969704
NOCT	1.488492242	3.44829E-30
LEF1	1.483087833	3.70586E-10
CLDN4	1.480292381	2.71673E-06
GPR146	1.478779067	5.93353E-06
LHX8	1.478297181	0.002860033
NAMPTP1	1.47571304	1.48622E-10
AL078590.2	1.470570052	0.016859308
KIF5C	1.467824425	0.000323717
ZC3HAV1	1.467092725	5.80834E-10
TNFSF18	1.466422722	6.99712E-07
AL136295.2	1.466128548	0.000230399
AC022079.1	1.465867582	0.023855137
AL359752.1	1.464945355	3.85589E-08
ARHGAP27	1.460008162	0.000438581
GIMAP2	1.459163976	0.013974009
AC067751.1	1.455136547	5.2087E-05
AC099506.1	1.455008671	0.009382298
FZD8	1.454526581	1.11808E-09
L3MBTL4	1.452360043	0.036421887
CNTN1	1.451953712	5.98246E-05
NTN1	1.448226991	0.000198199
POU2F2	1.446786172	1.28229E-10
MAFF	1.445266479	2.32314E-15
MIR155HG	1.444595849	1.32442E-06
AC109588.1	1.441291375	0.004877989
MT2A	1.439144719	3.44831E-15
ZSWIM4	1.438323847	1.58629E-07
G38640	1.438025571	4.55158E-06
MYOCD	1.437067689	3.1073E-08
RARRES3	1.436047385	6.25264E-07
AL157702.2	1.435904215	0.002223149
PMAIP1	1.435822318	1.05826E-08
RNA5SP385	1.433748812	0.000439308
SAT1	1.431723503	1.49663E-14

TDRD7	1.431328936	4.7487E-05
AL356273.3	1.431218415	0.000313209
SLFNL1	1.430494598	0.024552892
GZMK	1.426962117	0.000229636
NGF-AS1	1.426642208	0.018487185
CSF1	1.425888714	7.9446E-07
SAMHD1	1.424691454	1.57646E-08
REL	1.422279118	2.42942E-17
CHST11	1.412176573	7.09411E-31
MOB3B	1.41176882	0.001492996
SNRPGP5	1.40655628	0.032915653
PCDH19	1.404485246	3.69457E-06
SLC41A2	1.403739823	3.48197E-24
FGFR3	1.403197251	0.022470964
SLC25A28	1.402189534	1.05349E-08
CACHD1	1.399359165	5.06536E-16
TIFA	1.397108811	1.91189E-12
YEATS2-AS1	1.397105028	0.042628258
PRG4	1.394552881	0.001375144
RIPOR3	1.392998865	1.00844E-07
GLDN	1.392678808	0.00010876
TMOD1	1.391577492	0.032278221
RFLNA	1.391186262	1.64909E-12
PPP1R14C	1.390789286	0.001371817
FGF18	1.390072945	0.007372273
HCG20	1.388683125	0.027936536
THBS4	1.38269311	5.0516E-05
PID1	1.377627077	4.91161E-13
AC022509.3	1.373961861	0.00773412
PAK3	1.367000101	0.015415399
AL603832.1	1.366452615	0.007040188
GPRC5B	1.365197239	5.45691E-06
PLEK2	1.362215506	9.63145E-21
EDARADD	1.360995913	2.03932E-06
SLC7A8	1.360405862	3.99521E-17
CIITA	1.35856302	0.00362064
CD82	1.356030038	2.34562E-07
SUSD4	1.353867951	0.001182927
ANXA13	1.349585167	0.025189318
INHBA	1.342967979	2.75258E-17
HIVEP2	1.341547352	1.97171E-28
AGAP9	1.335702958	0.022066953
SEC14L2	1.333190525	7.24726E-25

AC124276.2	1.331332939	8.43699E-17
SP110	1.329401035	4.48642E-07
AFF2	1.328467873	3.98259E-05
IL24	1.327350488	0.005917797
WWC2-AS2	1.325876567	0.000458748
RSPO3	1.325156407	1.69012E-05
MIR503	1.3237037	1.0393E-06
RNU6-1208P	1.323386205	0.039374511
BDKRB2	1.322538075	3.90431E-08
C5AR2	1.321385738	5.72084E-05
XLOC_008812	1.32044775	0.037098282
SLC22A3	1.316751967	0.002249188
CTGF	1.316431312	1.15415E-05
TSKU	1.313801811	1.99658E-21
KIAA1024	1.31265074	4.34843E-11
HDX	1.309678059	2.85403E-12
NIPAL1	1.309118335	0.0043344
AC012462.1	1.307258534	9.837E-05
SNCAIP	1.306330425	8.77949E-08
PLK3	1.305572787	3.38992E-20
MGAM	1.305570477	0.001611294
PTX3	1.298036958	1.80747E-05
NAMPT	1.297364869	8.27141E-14
CHRNA1	1.294513871	0.018718606
RNU6-301P	1.289738949	0.012725256
AF117829.1	1.288334943	2.54337E-08
SPHK1	1.288136725	6.15129E-19
BST2	1.287428224	0.000328366
AC073410.1	1.287312363	0.002213805
KDM7A	1.287138105	3.73024E-13
ART3	1.287082664	0.049987404
GLIS3	1.284060734	1.72315E-20
PNPT1	1.283349567	1.29266E-12
ITGB3	1.280800072	5.46082E-09
EDNRB	1.279819931	0.000325375
KBTBD8	1.279624524	0.000633526
ABTB2	1.277481087	3.28472E-09
SLFN5	1.276796166	1.22963E-09
TAF4B	1.275129852	2.88871E-06
SLCO3A1	1.274891588	1.02291E-13
DGKG	1.274698725	0.014208388
AC092800.1	1.270967886	0.030248509
AC104389.4	1.269757902	0.038999883

XLOC_011309	1.268128538	0.006978202
BHLHE40-AS1	1.2671572	0.000218445
MIR503HG	1.266854764	5.67001E-07
PARP10	1.266177993	1.91692E-05
LINC01411	1.265744846	0.014643438
MYOM3	1.263663127	0.002581167
AC097059.2	1.261474324	0.005141691
AP000442.2	1.260513328	0.029733421
AC129507.1	1.258604183	0.009036948
RHBDF2	1.258583301	1.15414E-09
PRDM16	1.258081347	0.007098564
EPHB2	1.257975398	1.4795E-09
CBFB	1.255591177	1.64791E-16
PARP15	1.255078003	0.005766412
DTX3L	1.254882669	2.02747E-06
LNC SRLR	1.25322702	4.16673E-05
SLC43A2	1.251977024	5.17751E-08
ERV MER34-1	1.250843542	0.013089362
MSX2	1.248864343	0.040702769
HLA-F	1.248543209	2.77741E-07
SLC1A3	1.247558611	9.91733E-11
NEDD9	1.247063042	1.85905E-40
FGF2	1.246492579	3.77116E-25
BEAN1	1.244864871	0.011110195
NINJ1	1.244169172	1.33737E-08
CAPN3	1.240779401	0.038368369
SLC2A6	1.237799475	6.39001E-14
AC009404.1	1.23640763	1.54634E-15
AC092718.3	1.235635441	0.000772456
LINC01943	1.234633846	7.19612E-16
ZNF267	1.234633674	9.52364E-23
RPL7L1P9	1.233921369	0.003751053
PANX1	1.233151643	5.55774E-12
IL15	1.233148105	4.92231E-09
RASD2	1.230259954	9.61456E-05
AC105105.3	1.229350628	0.027112583
AL158050.1	1.228860529	0.042871197
NKILA	1.223343148	1.2658E-06
IFNAR2	1.221016151	3.41337E-11
PRICKLE2-AS3	1.217772494	0.004985575
SLC39A8	1.217445179	1.69839E-06
LAP3	1.216794077	8.72794E-09
ESR1	1.214954432	0.017014999

AC087623.1	1.213742701	0.04645006
RNF122	1.213537399	2.00882E-11
PRDM1	1.21225153	2.21929E-34
FOXO3	1.210871757	2.00055E-32
AC037459.2	1.209406106	0.0032037
GPR75	1.209355173	0.015931804
AC017002.1	1.207671093	1.59461E-10
TLR1	1.206603173	0.00016837
SYTL3	1.206285304	1.752E-08
SLC28A3	1.201442832	0.019433212
TMEM217	1.199177888	7.63654E-07
G12163	1.198234718	0.007737571
AL355355.1	1.19767066	0.017976091
ARRDC2	1.197153321	5.04115E-10
SHISAL1	1.196736209	2.42161E-18
NAV2	1.19624729	3.97902E-35
AL078644.1	1.195748082	0.015594967
SQOR	1.194682022	1.05261E-11
RASD1	1.194629014	1.58175E-06
CNGA3	1.194484121	0.014479283
LAMA3	1.191959113	9.63231E-07
AL596325.2	1.191928336	4.90341E-05
LINC01239	1.190255658	0.01508876
AC018628.1	1.187214415	2.94801E-05
LYPD3	1.187146214	0.00087767
POLH-AS1	1.186980037	0.030914942
AC017002.3	1.185933481	3.10312E-07
PML	1.185599695	3.684E-09
CGAS	1.185184047	3.76452E-11
AC107021.1	1.185119532	0.001420226
TJP2	1.184239331	4.70581E-05
XLOC_008957	1.181967683	0.017362169
NOX4	1.178548062	1.81141E-15
MYO7B	1.175288918	3.60401E-05
COL22A1	1.175040918	0.029165999
FAM49A	1.174352462	0.003112239
FRMD4A	1.173902321	6.10047E-11
PPARD	1.171364159	2.74619E-14
ERN1	1.170783225	3.03424E-16
PLXNA2	1.170590033	7.86392E-09
PRICKLE2	1.1704811	1.85795E-20
RHEBL1	1.168957871	3.02453E-05
ARNTL2	1.166702282	3.06851E-08

AL139022.1	1.165373623	0.020474906
ZCCHC2	1.164896694	4.7654E-09
SPSB1	1.164749962	1.95638E-10
JAK2	1.164478246	5.55729E-06
PSMB9	1.162509549	1.03075E-06
AL672207.1	1.161687353	0.049662319
DRP2	1.161503786	0.000742296
AC093908.1	1.16022588	0.003528975
AC024909.2	1.159783565	0.048387635
CIART	1.15624655	7.31017E-15
AL132656.4	1.15458836	2.68997E-05
CFLAR-AS1	1.154420216	0.003154203
APOL6	1.153488462	2.00311E-05
APOBEC3G	1.15182425	1.32297E-05
G36605	1.15081278	0.00060876
OGFR	1.149014962	3.77848E-06
AC245100.8	1.145901062	4.31334E-08
PSTPIP2	1.144474594	7.4794E-16
ANGPT4	1.144137602	0.011230153
CDKN2B	1.143295829	1.56272E-15
PCDH9	1.140021083	3.26068E-15
S1PR3	1.138923127	4.03713E-15
AL354732.1	1.135974416	0.000989137
CCDC88C	1.134267912	0.002965571
AL359711.2	1.133272178	0.038963263
AC078785.1	1.132745083	0.010961066
TAP2	1.131580508	1.94428E-09
TBXAS1	1.131408228	1.85581E-05
RELN	1.131177939	0.045026579
AC005224.3	1.131086575	0.000501006
CD7	1.129776988	0.026168021
STARD4	1.129144716	6.08537E-23
BAK1P1	1.128132503	0.032680002
AP005136.2	1.126177439	0.032612245
WNK4	1.124922122	1.74112E-09
KY	1.123773254	0.020672165
TRIM14	1.122516297	8.58643E-07
KDM7A-DT	1.122238771	9.30897E-08
SNAI1	1.117272659	1.2928E-08
ST3GAL1	1.113418533	3.957E-20
IL18	1.113184796	0.001360705
FAM71F1	1.112165083	0.023940535
IRF2	1.111765306	1.1323E-05

SHANK3	1.111391468	0.020587698
ZNF295-AS1	1.111200375	0.001674513
AL357054.4	1.108801718	0.030273334
CFLAR	1.108386033	1.36475E-13
SLC2A1	1.105832934	2.59402E-13
ACOX1	1.105650398	1.09878E-22
FOXP1	1.104516574	6.50281E-26
DIRAS3	1.103689341	0.000111331
IFI35	1.100247529	4.39573E-06
NMI	1.094645179	1.94361E-06
CCIN	1.09355351	1.82613E-12
PPM1K	1.092885552	1.77007E-05
RNF152	1.09202367	1.31421E-07
CD3EAP	1.091181307	1.96149E-11
AC010343.3	1.091073604	0.000126257
RIMS2	1.090850771	0.023866814
AC103702.2	1.090133106	0.002305293
APCDD1L-DT	1.089502949	1.45271E-13
AL162727.3	1.088770246	0.047177493
CPN2	1.088596694	0.044235804
ZFPM2	1.088100453	0.000260481
NET1	1.08776958	9.36019E-14
GMPR	1.087219531	0.002421226
MT2P1	1.085252287	5.03433E-05
MOB3C	1.083804196	9.94683E-07
CPNE5	1.08312706	0.01089305
BMPR1B	1.080709512	1.06514E-08
HIVEP1	1.079141029	1.62121E-19
SYNDIG1	1.079069968	3.90431E-08
AC021205.1	1.076117782	7.23277E-05
TMEM92	1.074820294	0.000637418
MYD88	1.073645229	6.09255E-06
B4GALT1	1.070382853	7.97615E-54
MT1X	1.069982389	6.62139E-11
LRRC4	1.069395496	0.030751704
LINC00908	1.067250989	0.041216836
CLEC2A	1.066093624	3.62716E-10
CLEC2B	1.064731311	6.88901E-11
XLOC_003077	1.06374649	0.023142538
PARP9	1.06234772	0.000110619
AC079298.3	1.061057671	2.25079E-06
AC009549.1	1.060988979	0.016668123
ZNF469	1.06061522	1.12508E-10

ZC3H12C	1.059845876	5.94199E-07
TGM2	1.059281585	1.21497E-15
CASP1	1.058715897	9.91451E-06
SHB	1.056501231	4.45107E-08
PLAT	1.056172302	3.38914E-10
IRAK3	1.056005672	1.29212E-05
RHBDL2	1.055210716	9.32199E-14
AL031595.3	1.053669442	0.014572899
AL390719.1	1.053221201	0.038874395
BTN3A3	1.052402958	2.07193E-09
LCP1	1.052390286	0.008695822
DIO3OS	1.051968053	0.025798206
ELOVL3	1.05165594	1.04514E-05
FLT1	1.049000615	1.26763E-07
SIRPAP1	1.048414355	0.02035033
AL136295.5	1.047879258	0.042318966
CCNJ	1.047081292	1.63227E-14
HLA-J	1.047005472	0.041482577
MARCKSL1	1.046306704	9.19226E-06
SLC25A37	1.046140529	1.68546E-11
A4GALT	1.044076437	1.82909E-07
CDYL2	1.043562784	2.58474E-11
ASPHD2	1.043082811	0.000242925
NKX2-6	1.042641773	0.014087552
DUSP5	1.042559519	5.70276E-07
IFNGR2	1.042020397	9.90421E-11
LINC01060	1.041892189	3.97444E-05
HSPD1P4	1.041337929	0.010512708
RUNX3	1.040815495	5.62611E-11
AC034223.2	1.040795684	0.011179324
PDZD2	1.040622037	0.001430301
CGNL1	1.03886367	1.71952E-05
PGM2L1	1.038023096	5.56272E-27
AC093724.1	1.037856614	0.009720977
SLFNL1-AS1	1.035830709	0.008692635
FAM168A	1.034597869	3.56331E-21
FRMD6	1.033901323	1.53175E-23
ADAMTS9	1.032833269	0.001602297
AL138724.1	1.032183147	0.000198132
GEM	1.031662079	3.2548E-17
HK2	1.031611616	4.07703E-17
TET3	1.031395406	1.41582E-05
C19orf66	1.030390061	1.94828E-05

KLF10	1.029971692	3.39982E-18
BCOR	1.029322567	4.68838E-13
BEND5	1.028993354	0.003377912
SERPINE1	1.028911325	3.86282E-14
RAB20	1.028504432	0.00477087
MSANTD3	1.027717101	7.32872E-19
EDNRA	1.026521724	1.42679E-07
TMEM140	1.024614511	0.001453377
HOMER1	1.021292943	8.94545E-12
LINC01561	1.021198043	0.039084399
XLOC_004803	1.018007225	1.2055E-06
SKIL	1.012321281	3.3361E-15
IPO7P2	1.010702637	0.009473173
PKNOX2	1.010584235	0.012571928
SLC7A5	1.009861707	3.08546E-13
C21orf91	1.003408207	2.40184E-09
PHACTR4	1.003277174	1.16139E-08
APOBEC3D	1.003272992	0.014489129
LRRC49	1.00310989	1.80703E-12
AC090197.1	1.000053348	2.88601E-05
EVA1A	0.999045463	1.2802E-19
AK3P3	0.998278149	0.033649704
KCNN4	0.998021319	0.000105296
CCDC144CP	0.997748285	0.017811721
SPRY4	0.997740626	1.82745E-14
GRB14	0.994569154	0.047032398
RAI14	0.993591884	7.71818E-27
TRAFD1	0.993063367	1.72538E-05
DUSP3	0.989864735	2.4769E-25
DCP1A	0.989280531	1.59112E-12
CLEC2D	0.98860142	0.000140515
FSTL3	0.986979818	3.18492E-06
RTTN	0.986442411	2.23966E-19
LINC01013	0.986162698	2.96081E-09
ADAM19	0.986136534	3.32195E-24
MSX1	0.984715946	4.72007E-08
CDC42SE1	0.980898785	9.74777E-20
KCNG1	0.980303631	3.38353E-07
IL18R1	0.979797709	0.044814528
PDCD1LG2	0.979612457	1.24413E-21
LINC00519	0.979611695	0.000100892
KLF9	0.978171842	8.14238E-10
SLC11A2	0.976449559	3.24362E-15

ABLIM3	0.975055154	5.08679E-18
NOTCH2	0.974729442	4.83639E-37
MIRLET7A2	0.974462176	0.002045607
AL358115.1	0.973543357	0.014713775
CASP7	0.971160185	3.07573E-07
HIPK2	0.968488048	2.10818E-23
MLKL	0.967712522	1.53995E-05
AUTS2	0.965441645	3.95999E-13
RNF213	0.964762421	4.36215E-06
AC112721.2	0.962647804	0.014694392
AMZ1	0.961312248	9.00383E-14
TPM1-AS	0.960509078	0.014087552
AL355355.2	0.957865188	0.006501506
PFKFB4	0.956186367	5.05941E-11
MMP25-AS1	0.95410835	4.005E-06
STK38L	0.954000382	1.45952E-11
MTFP1	0.953505102	8.36708E-09
ATP2B1	0.953338364	4.76163E-11
ARID5A	0.952935775	1.97916E-08
STAT4	0.952800736	3.40478E-05
CYLD	0.951933609	2.4941E-13
TICAM1	0.951230885	7.95228E-11
CREB3L2	0.949315992	9.39224E-33
DRAM1	0.947365759	2.27557E-09
TMEM63B	0.946118861	3.45211E-09
G17127	0.944458494	0.008505828
MAFB	0.944446738	0.000485058
AC060766.4	0.943223246	0.002883105
NGFR	0.942262924	0.031635005
CD40	0.941750896	8.32698E-08
MORC3	0.940991635	1.04361E-25
ZNF710	0.9409768	8.78066E-05
C15orf39	0.940373817	2.46909E-08
AC040162.1	0.937762055	0.012009722
AL157394.1	0.937208778	0.00052635
HLX	0.936847823	2.91372E-09
RNF114	0.93566526	9.09558E-11
NAB1	0.935545519	2.87744E-13
HIST2H2BC	0.93553211	0.001838851
ITPR3	0.932940865	7.08778E-10
ARHGAP31	0.932687712	1.00654E-22
IL1RL1	0.932263393	0.000380509
C17orf49	0.931823208	0.017215831

DENND5A	0.931283226	1.02665E-20
TMEM41B	0.930314438	1.53346E-17
IFIT5	0.928916542	3.88758E-07
ZNF107	0.928317449	3.40676E-07
BIRC2	0.926741028	8.33193E-19
XLOC_006335	0.92597185	1.99275E-06
XLOC_007116	0.925595735	4.89742E-05
FOXP4	0.925002478	1.4163E-08
AC105105.1	0.924733065	0.04645006
PRSS35	0.923235284	0.031095647
ENTPD7	0.920816921	4.60134E-16
ETS1	0.920740054	7.62677E-13
BMT2	0.920582603	5.64571E-16
AC124798.1	0.919783521	0.002526697
LINC00842	0.919387097	0.0019605
FUT4	0.919032651	0.000107214
SMURF1	0.918630073	1.13452E-20
SPRY2	0.918463152	5.23894E-12
C2orf27A	0.916315699	2.84131E-13
XLOC_006303	0.915799908	3.14292E-06
IL4R	0.915386115	2.61318E-17
CTPS1	0.914511923	4.03437E-21
PLAUR	0.913456885	2.89468E-24
DNAJB5	0.912588267	5.78163E-14
AC091806.1	0.911307477	0.006139756
AC004816.2	0.909916031	0.000110741
NRIP2	0.909660657	0.008282821
B3GNT2	0.909457057	1.4806E-07
TTC39B	0.907551068	8.98142E-09
N4BP1	0.907405038	2.82739E-10
AMIGO2	0.906592951	5.33838E-21
AL645929.1	0.906253887	0.033811242
TMEM132A	0.904988533	1.8835E-05
XLOC_000523	0.90492542	0.013329223
NFATC1	0.904543209	6.05565E-10
AP000866.6	0.901851984	0.045989516
HS3ST3A1	0.901623963	1.7446E-10
AL139393.2	0.90150755	0.000259315
TLNRD1	0.900651725	4.41172E-08
RAPGEF2	0.900242168	6.97654E-12
TRAF2	0.899919478	2.25811E-08
ARHGEF40	0.898924345	3.42633E-15
MIR1245A	0.897614587	4.57397E-05

AC090607.2	0.895455649	0.02921111
CALB2	0.895223362	0.000326945
GASAL1	0.895105258	2.30972E-06
GPR137C	0.895073902	0.035444045
AC004832.4	0.89397091	0.036148472
TRIM38	0.893733934	8.01555E-07
NLRC5	0.892725824	1.86279E-05
EGFR	0.892493531	1.14362E-15
IKBKE	0.891286233	8.2443E-07
PPP1R3B	0.890157329	2.71584E-20
USP42	0.886259194	1.83165E-10
WDFY2	0.885069203	2.63485E-16
KCNT2	0.884891375	0.00773604
FERMT1	0.884098706	0.004172749
PELI1	0.883471355	6.91971E-09
UAP1	0.882999995	1.41414E-21
PNP	0.882863977	6.04895E-14
G7242	0.881991565	0.008470709
SH3PXD2A	0.881733043	2.04828E-28
CRISPLD2	0.881543819	2.39438E-20
BAZ1A	0.880495071	1.19299E-10
ACSL5	0.879397792	0.001033395
BHLHE41	0.879207407	4.07432E-07
APBB2	0.879114238	8.85584E-22
AC060766.5	0.878118623	0.044990507
FRMD3	0.877805251	0.035405544
MIR4482-1	0.875308191	0.018802766
NPTX2	0.875266977	0.017010445
ELK3	0.873792051	8.72637E-34
AC093801.1	0.873488437	1.74788E-06
BTN2A2	0.872946593	4.40866E-10
GFRA2	0.872363306	0.019160835
GPR3	0.872303384	0.016361088
MAML2	0.869796626	4.40866E-10
MOV10L1	0.868250914	0.012812545
MAP3K5	0.868142793	0.000144062
PTPRJ	0.867983466	2.53019E-05
VEGFC	0.867127136	5.11607E-13
TPST1	0.866341153	4.34845E-17
TNS1	0.865523729	2.63734E-12
PREX1	0.864625372	0.000633526
ADAMTSL4-AS1	0.864512437	0.036198033
PARP8	0.863736469	1.62838E-11

LHFPL2	0.863328739	2.52085E-13
TSHZ3	0.862206773	8.51086E-13
ADTRP	0.861873181	5.89243E-07
SYT15	0.860518266	0.000442569
LRCH1	0.860274399	3.48523E-11
UBASH3B	0.860064857	1.64557E-14
ACSL4	0.860012423	3.85795E-21
SIRPA	0.859923118	1.51609E-25
BNC1	0.859259838	0.009812504
MICB	0.858418799	1.21111E-07
SLFN13	0.857571404	0.000355929
NCR3LG1	0.857443719	0.004675098
G14979	0.857273017	0.022453362
CDK6	0.857139843	9.13856E-13
SAMD4A	0.857082351	2.38895E-15
GTPBP1	0.857028078	1.55702E-06
CXCL16	0.856393679	6.58383E-05
SPATA13	0.854020952	9.32597E-05
PPP3CC	0.85331742	1.98132E-06
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ANKRD44	0.852123881	5.26829E-12
RUNX1	0.851369244	1.79955E-14
E2F7	0.850737136	8.76244E-09
CDKL5	0.849226344	0.000495859
PODXL	0.848481296	4.38508E-07
TCAF2	0.847768048	2.71053E-05
SALL1	0.847464291	0.00021465
KRT16	0.84702008	0.017765807
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RPSAP52	0.846396907	6.46431E-11
HECW2	0.846233081	2.27034E-05
PALM2	0.845163262	0.000224486
PCNX1	0.845120564	1.39967E-21
BMPR2	0.843900633	1.04031E-18
PLEKHA4	0.842002069	0.000154491
TBC1D1	0.840759246	6.8044E-11
ARNTL	0.837898506	3.4459E-23
LINC01592	0.837840304	2.24271E-05
PRKCZ	0.837790401	0.000881683
MSC-AS1	0.83771117	2.93801E-23
DLX5	0.837705346	0.029156563
EIF2AK2	0.837608583	8.86477E-08
RP11-640M9.1	0.837286139	0.000198132

TRIM26	0.835914038	4.59892E-06
TMEFF1	0.83546501	0.041196031
POPDC2	0.834828367	0.000615759
WTAP	0.834686901	1.77528E-11
WARS	0.834340538	1.28339E-06
ITPRIPL2	0.832785438	2.57554E-10
GSAP	0.831185358	0.002526683
SH2B3	0.830939194	3.43049E-13
IRS2	0.830673089	1.27497E-09
BTN3A1	0.830344647	8.23421E-05
ADCY4	0.829579836	6.58383E-05
COL24A1	0.829345195	3.22614E-06
RORA	0.829285047	5.82116E-12
AL121603.2	0.829285012	0.028491043
LINC01137	0.828514555	4.30275E-10
CBR3	0.827281352	2.86085E-07
SMURF2	0.826898287	2.79245E-31
RNF31	0.82674881	9.54718E-05
B4GALT5	0.825872424	1.6479E-12
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SSBP3	0.82462253	1.2397E-16
TNFAIP8L3	0.823916889	0.014754481
SOX11	0.82238261	0.000149162
LINC01426	0.822371653	2.05598E-05
FAS	0.821783471	5.58135E-13
GAS7	0.820594306	7.67698E-09
ZBED6	0.820115639	0.024395647
ABL1	0.818884674	4.01877E-10
AC245297.2	0.81834337	0.011958909
SHROOM4	0.817657799	0.000184312
AC004987.2	0.816671883	0.007517006
TMEM106A	0.816354705	1.50985E-06
IL21R	0.81495282	0.037150537
TSPAN13	0.814673072	6.52995E-10
SRRM3	0.813809125	0.000154796
ARL5B	0.813714337	3.41828E-07
ROS1	0.813160218	0.015188123
ADAMTS6	0.812596427	7.17372E-15
EHD1	0.812297217	1.00744E-06
RNF126	0.811982139	2.78734E-09
VEGFA	0.811863857	2.74136E-09
ANKLE2	0.811359174	3.15373E-19
TBC1D10A	0.810564562	2.85259E-09

DNAJA1	0.810451443	8.35062E-12
MASTL	0.810325192	3.54354E-05
SLC22A23	0.808320046	3.58365E-08
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TBC1D2B	0.805623303	3.70452E-11
AC108463.3	0.805454955	0.039472924
SLC35G1	0.804887171	3.79119E-10
PLAU	0.802102784	7.12678E-05
MDGA1	0.801769309	0.000268795
RGS20	0.80137851	2.34613E-05
NUDCD1	0.799840839	2.30406E-12
OTUD4	0.798704277	3.17082E-09
APCDD1L	0.796594118	5.60865E-09
RARRES1	0.796333517	0.044784535
ZNF470	0.796035705	4.88468E-10
SERPINB8	0.795467338	1.16223E-23
ADPRHL2	0.793152815	3.73954E-10
UBE2L6	0.79242529	0.000192916
UCK2	0.792227089	3.71728E-19
TMEM171	0.791409721	0.020639194
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KSR1	0.788280201	6.88099E-06
PLXNA4	0.788230314	0.003141401
RASGRP1	0.788217941	0.005460082
GALNT16	0.787337323	0.002062104
CLMAT3	0.786284359	7.35174E-06
TP53BP2	0.785803992	6.90439E-10
ZNF670	0.785400853	5.4184E-07
SERTAD1	0.784338976	8.0406E-13
PVR	0.783686736	1.79251E-16
INSIG1	0.78332929	3.0746E-06
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TNFRSF10B	0.783136158	2.63764E-10
EHD4	0.782406086	1.37217E-06
S1PR2	0.78117158	1.78371E-09
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ETV6	0.778343482	7.3307E-27
RGPD5	0.778333015	0.001716529
LINC00624	0.775342417	0.004626942
PIK3R3	0.774139965	0.025991653
GPR180	0.773098988	3.54274E-11
APAF1	0.772127441	6.66611E-09
CEP350	0.771733082	1.16139E-08

CASP10	0.770574081	0.000664506
ANO7L1	0.770270609	0.002212371
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CARD16	0.768001197	0.000325375
GALNT3	0.765536837	0.00280799
EMP2	0.764399169	1.28151E-08
NRG1	0.763684388	3.67641E-20
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SH3PXD2B	0.76199619	2.17813E-11
CEP170P1	0.761953132	2.29082E-07
CYTH1	0.761890878	1.56743E-08
TIPARP	0.761528015	2.19264E-12
CEP170	0.761000928	1.42892E-23
CEMIP2	0.759997657	1.19641E-19
MAP2	0.756760052	0.000176697
KLF7	0.756645461	9.48441E-19
SP100	0.754087652	2.54926E-09
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RCAN1	0.752649179	1.16378E-05
SLFN11	0.752371476	4.90456E-09
NRP2	0.75067964	1.2988E-08
SPECC1	0.750587363	2.34586E-21
SDC1	0.750229211	3.75741E-09
CDH2	0.747994378	5.75248E-23
GSTO2	0.747037617	2.02057E-06
ZNF597	0.746614787	0.00019399
TRIM22	0.74633393	2.12951E-06
CYTOR	0.74473144	4.01449E-16
CXorf38	0.744707044	2.5398E-08
C17orf67	0.744320745	0.00330035
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BTG3	0.742530662	4.16191E-11
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SPEN	0.73861683	7.37485E-11
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CCDC93	0.738376784	4.00949E-26
RCL1	0.73816465	6.30519E-16
ELL	0.738092821	3.06477E-07
NAV3	0.737998008	4.0808E-18
PNRC2P1	0.737965027	0.038365928

SAMD11	0.737833898	0.004016247
XRN1	0.736924737	4.3651E-07
TLE3	0.735929079	1.20011E-07
STX1B	0.735767652	0.033253322
HIF1A	0.735657445	3.27168E-18
GABARAPL1	0.735609098	1.6431E-12
DGKH	0.735575215	5.10047E-07
TIAM2	0.734828246	1.32609E-11
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ADGRD1	0.73302062	6.53903E-07
BLZF1	0.732968979	1.48531E-09
HELB	0.732625759	0.002101641
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ABL2	0.728921274	4.36941E-18
PRKD2	0.727877692	0.000513017
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TAPBP	0.727261757	1.09333E-06
NBN	0.727134292	2.83415E-11
SDC4	0.726768679	3.41828E-07
PTGIR	0.725431905	1.4237E-05
CACNA1A	0.725380081	0.002352183
LIMD2	0.723761146	2.96075E-05
G6708	0.723395523	4.78916E-05
ANKFY1	0.722057594	6.22461E-08
TMEM100	0.721076496	0.045955859
UNC5B	0.720714547	1.32911E-08
LACTB	0.720328201	3.83815E-11
PHLDB1	0.720276293	2.10608E-06
TRIP10	0.719498006	1.12537E-08
GPD2	0.719381394	2.1205E-07
PDLIM4	0.719303579	4.09009E-11
PAX8	0.717443897	0.000584844
AC243964.3	0.717065507	3.59327E-05
PIM3	0.71565267	0.000671172
TBC1D16	0.712505035	4.14274E-10
MMP3	0.710554246	1.21472E-06
AMOTL1	0.71043221	3.58782E-20
TLE4	0.709049013	2.87358E-10
RBMS1P1	0.708352128	0.011336586
MAP3K8	0.708213857	0.000398156
TENT4A	0.706122623	1.33281E-08
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RNU2-59P	0.70418575	0.006981274
CHST2	0.703774222	0.004240005
XIAP	0.701687676	2.8163E-16
CD44	0.701078401	2.37591E-13
TRIM47	0.700307009	0.008641295
ETV3	0.698486597	8.44568E-07
PLA2G4A	0.697778179	0.000865768
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MCL1	0.695728861	6.31149E-11
ERRFI1	0.694102089	1.72538E-05
CSRNP2	0.693884167	3.62841E-08
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PIM1	0.688942709	0.000418263
CFH	0.688338397	9.20959E-05
LRRC15	0.686994678	2.9262E-07
GLIPR2	0.685936049	1.07637E-14
STIL	0.685877262	1.54783E-10
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SYTL4	0.685340065	0.003948068
OSGIN2	0.684976951	2.48022E-06
MICAL3	0.684385836	2.66873E-05
GTF2B	0.684227817	3.36911E-08
ATP10A	0.683677954	5.77267E-15
ATP2B1-AS1	0.683434038	0.008492438
WWC3	0.682872603	9.70459E-15
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SGK1	0.680917768	1.45848E-11
ZBTB11-AS1	0.68070167	0.002655419
SEMA7A	0.679324928	3.30303E-08
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PSMB10	0.679088514	4.4431E-05
CD58	0.67889121	6.53937E-12
TRANK1	0.676104606	0.002110212
PRKCD	0.676088728	2.15887E-07
MAP1S	0.676071995	0.000405958
MEF2A	0.675198045	8.14919E-20
FILIP1L	0.675022185	1.60274E-18
IFITM1	0.674371906	0.000275924
TRPM3	0.673480964	0.004646126

RELA	0.673178186	2.49461E-06
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TENM4	0.669662537	1.10832E-06
IFNWP19	0.669399601	3.28985E-05
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HILPDA	0.667524844	5.83014E-13
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CTDP1	0.662598828	0.00256266
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SPP1	0.662390516	3.90139E-05
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DNAJB9	0.653172465	7.32872E-19
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BPGM	0.650980854	9.47569E-16
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PDE4D	0.63950758	0.005758342
ABCC6	0.638903827	0.007956343
SGPL1	0.63821017	2.77476E-16
TBX2	0.638035334	0.014432243
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SPTLC2	0.63143925	7.68887E-32
DUSP6	0.630898149	4.43348E-06
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MLXIP	0.628952482	7.4559E-11
ROBO1	0.62859838	6.48678E-10
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USP31	0.628044763	5.30389E-06
RP6-206I17.1	0.627287434	1.39519E-05
PSMD6-AS2	0.626990194	0.029231487
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PUS7	0.62634421	7.19867E-13
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FMR1	0.624901428	1.07568E-06
SELENOI	0.624851893	6.47805E-09
DOCK9	0.624426699	8.44136E-06
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CNP	0.623564076	2.68997E-05
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MOV10	0.621651226	3.34308E-05
VHL	0.62079477	4.75618E-07
CLCF1	0.620659464	2.27821E-07
LINC01705	0.620503217	0.004337897
KBTBD2	0.620479145	8.32257E-18
JCAD	0.619416731	6.67101E-14
APLF	0.619136081	2.20842E-05
PABPC4L	0.618606814	0.011222348
SERPINB9	0.61858739	0.010651741
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IRF9	0.617675425	0.014486126
G33445	0.615919792	0.001558171
MICAL2	0.615848396	1.53457E-13
MICALL2	0.614571491	0.000168762
NOTCH2NLA	0.614440187	8.27141E-14
ADAMTS9-AS2	0.613681722	0.001152329
TMEM189	0.613460391	3.57149E-09
EPHB1	0.613245474	0.008492288
SPAG1	0.612980884	0.019597545
JADE3	0.611505263	5.72544E-06
RNF149	0.610585066	2.1572E-05
APOBEC3F	0.610564314	0.002535223
ADO	0.609497634	9.56676E-10
PHF11	0.609380428	1.03122E-06
CPEB4	0.60906477	3.46284E-08
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WISP1	0.608695216	1.13644E-06
GNPNAT1	0.607779229	2.86018E-22
BAZ2A	0.607700512	2.31166E-06
SOX4	0.607464011	1.26572E-05
SMG6	0.606213714	2.00638E-07
BLOC1S3	0.605368305	5.96655E-11
STARD13	0.604732457	2.39694E-09
FGF5	0.604434837	1.90137E-08
P2RY11	0.603781467	0.039333034
CHST3	0.602801524	1.97351E-09
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MFHAS1	0.601670754	0.000121654
YWHAG	0.601168759	3.00203E-15
NANOS3	0.600986944	0.000461202
SDK2	0.600603112	1.99014E-05
BID	0.600256466	7.43653E-08

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SHOX2	-0.600793617	5.32186E-06
ZNF503	-0.600841183	9.88132E-05
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OXLD1	-0.602061362	2.84352E-07
ACBD4	-0.602998009	0.000230403
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AKR1C3	-0.604756508	5.48748E-07
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DDX47	-0.605504393	0.000315922
AC133552.5	-0.605860445	0.007176541
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COQ8B	-0.606768872	4.93978E-06
PLEKHF1	-0.607772324	0.010752677
OTUD1	-0.607806271	0.02035821
SMAD3	-0.607918319	2.22944E-08
ARHGAP18	-0.608081241	7.22073E-14
ZNF248	-0.608648932	6.80574E-06
C20orf96	-0.608711298	1.00846E-06
VSIR	-0.608943901	8.28937E-05
FAM24B	-0.609352473	0.000203424
ARHGAP20	-0.609494903	0.045990751
ARMC7	-0.609593369	5.03125E-05
TMEM53	-0.610371938	3.36891E-08
DKK2	-0.610400594	0.000253053
KBTBD7	-0.610526811	1.00246E-06
AL031320.2	-0.610699873	0.012571001
AL450998.1	-0.610782164	0.003818433
LIN7A	-0.610863324	0.000165063
FANCE	-0.610912218	0.012834499
MINCR	-0.611555093	3.67359E-06
TGFBR3L	-0.614262108	0.000724537
ZFP36L2	-0.61482527	1.49326E-06
ABHD11-AS1	-0.615078412	0.036264602
ARMCX7P	-0.615622494	0.014450069
GALM	-0.615832179	9.04457E-13
AC134043.2	-0.616195681	4.90421E-05
FAM133CP	-0.616583581	0.040538887
THRB-IT1	-0.617096539	0.047192568

INTS6-AS1	-0.617764906	0.007517006
HSPB3	-0.618032856	2.01619E-09
KCCAT198	-0.618150277	0.000218704
CCDC9B	-0.618503513	2.38178E-08
TLL7	-0.618771717	0.000197259
CASC2	-0.619810519	0.008716171
THAP11	-0.619811265	3.75531E-07
ORAI3	-0.620742182	2.68707E-05
LDB2	-0.621271432	4.18935E-08
DOCK11	-0.621758572	5.57378E-05
AC016065.1	-0.622334675	4.31156E-05
BAIAP2-DT	-0.623342527	6.88249E-05
ZNF90	-0.623629259	0.012028907
NUDT7	-0.623741379	0.001113774
C1orf134	-0.624327901	0.00347433
TNS2	-0.624506576	4.47659E-05
TXNRD3	-0.624759102	0.002724402
PRR16	-0.624973507	4.95663E-06
BDNF-AS	-0.625155176	0.007026491
GLYATL2	-0.625512235	0.005330971
PXMP2	-0.625755809	0.001562558
ZSCAN16	-0.625875263	0.000339947
FAM86EP	-0.626633251	0.022197526
GNAI1	-0.626639696	1.03E-09
CEMIP	-0.627969794	1.03213E-06
EVA1C	-0.627982027	0.00178064
TSHZ1	-0.628009548	0.000169834
CUEDC1	-0.628301008	0.000199713
AL096870.2	-0.628314542	0.025551301
CCDC125	-0.629295588	1.79177E-05
SNPH	-0.629386054	0.00470412
NDUFA7	-0.629926529	0.038984221
CUTALP	-0.631441521	5.45556E-10
RHOBTB3	-0.631557127	3.79579E-13
CTDSPL	-0.631675746	1.07466E-12
GS1-124K5.4	-0.631724113	6.93749E-06
AC090515.2	-0.631729685	0.009295907
CEBPD	-0.631985094	2.29823E-05
ZNF630	-0.63257285	0.000619221
ZNF563	-0.633071359	0.000295925
AC016582.3	-0.634556263	0.043657992
PRIM1	-0.634906822	1.67375E-05
PGPEP1	-0.63503803	2.12654E-11

ELOVL4	-0.635610048	7.83102E-07
RANGRF	-0.636219563	0.000901416
SNORA84	-0.636435668	0.012501921
AL928921.2	-0.636981353	0.027138018
CC2D1A	-0.637374047	1.74881E-06
TSEN54	-0.637654714	7.86278E-07
TMEM177	-0.638159396	6.23567E-09
ST6GALNAC5	-0.63906809	2.37347E-05
SSX2IP	-0.639424268	0.002389129
CRIP1	-0.640260186	0.005966604
LRRC43	-0.640516924	0.034103313
TRIM6	-0.642517807	0.007546992
PLEKHH3	-0.643173477	0.000264099
CAPS2	-0.643666017	0.0148964
PER3	-0.644213842	2.01601E-07
ZNF793-AS1	-0.644471526	0.027165317
ATP6V1E2	-0.645606345	0.005917797
EHBP1	-0.646883959	3.71385E-15
FAM27A	-0.647345791	0.014765801
AC026979.2	-0.647552082	0.003290398
RSRP1	-0.648296802	1.60727E-14
FAM117B	-0.648497331	0.026732791
AC138207.8	-0.648844985	1.13352E-05
NEIL1	-0.649097012	0.002651113
LRRC1	-0.649941568	0.042579925
NTHL1	-0.649971634	1.43665E-13
PEX11A	-0.650049683	7.06158E-10
JRK	-0.650085019	5.31578E-07
SERAC1	-0.650323857	1.75794E-06
INMT	-0.651178979	9.55866E-05
TOLLIP-AS1	-0.652310501	0.002291203
RTL10	-0.653047951	8.85617E-08
OSGEPL1	-0.654417639	3.67275E-06
TRAM1L1	-0.655129607	0.0006686
FRMPD4	-0.655333022	0.033705333
GAD1	-0.655598362	0.014453019
CSKMT	-0.656679494	6.37729E-10
AC244153.1	-0.657820668	1.47131E-10
EID2B	-0.65833884	0.01176338
MYLK-AS1	-0.658466218	0.03839149
BTBD3	-0.658486338	1.75883E-07
HCP5	-0.658601246	0.042579925
AL031599.1	-0.659691766	0.003472186

AL137782.1	-0.659972037	0.034196696
AL021707.2	-0.660169035	0.01943463
AC068338.2	-0.660357673	0.04516727
PHLPP1	-0.660882117	0.00260229
NDRG4	-0.660908199	0.001685393
AC132192.2	-0.661248214	0.047177493
CASTOR3	-0.661427629	0.00681856
MAP3K1	-0.661804749	9.83797E-06
AP002360.1	-0.662083326	0.000314286
RDH5	-0.663325	0.000151005
LCA5	-0.664967183	1.56566E-06
NR2F2-AS1	-0.665234281	0.007146212
EHHADH	-0.665360434	8.50296E-08
IRF6	-0.666053993	0.025660733
AL158206.1	-0.666325821	0.00285224
ZNF517	-0.66784925	0.007413248
TCEA3	-0.668535144	1.03122E-06
CEP126	-0.668955113	6.51356E-07
AC138409.2	-0.669052559	0.023487292
LGR4	-0.669455772	1.26009E-08
CCDC89	-0.669584234	3.00829E-06
KRT19	-0.67003365	8.24066E-06
BCDIN3D	-0.670176649	1.88153E-11
ARID3B	-0.670494196	0.044219117
LRIG3	-0.670767804	1.18269E-06
ZNF395	-0.671605527	9.20355E-06
TGFB3	-0.672072407	0.000166499
BICRAL	-0.673463284	3.92901E-07
PCYT2	-0.67400981	1.91444E-07
FAM214A	-0.674322233	1.19855E-09
CASP9	-0.67454759	8.40115E-09
AC041040.1	-0.674914184	0.03135861
FZD4	-0.675005128	1.96728E-07
FGD4	-0.675314773	0.000619853
UBE3D	-0.675349369	1.01286E-06
KANTR	-0.675741621	0.000990275
TM4SF20	-0.676122687	7.07447E-05
AHRR	-0.676872263	4.40023E-10
AL136116.3	-0.677483147	3.04475E-05
HIST1H2AG	-0.678124096	0.002775724
SERTAD4	-0.678379253	9.45911E-07
SNX21	-0.679172147	5.0155E-07
LINC02202	-0.679519755	1.67894E-05

LINC00899	-0.679622623	1.41768E-05
ZNF573	-0.680534173	5.54741E-05
HDHD3	-0.680942184	3.68845E-09
PSG1	-0.681422674	6.75546E-05
THEM6	-0.681482289	2.70709E-05
SNHG7	-0.682654996	0.000160485
PLAC8	-0.682683218	2.11278E-06
TRIP6	-0.682824125	1.27674E-06
MVK	-0.682833453	1.40803E-06
NABP1	-0.683205219	1.46519E-12
AC084033.3	-0.683466029	3.77849E-15
FRY	-0.68409024	3.75621E-07
RIN1	-0.684240483	2.70585E-05
SLC43A1	-0.684721475	8.44568E-07
ATP1A1-AS1	-0.684820347	0.00547937
FAM86HP	-0.685909583	0.0021324
SHROOM3	-0.686028015	7.73363E-08
B3GALT4	-0.686643937	0.000361982
LINC01336	-0.686658813	0.039514544
CASC10	-0.686720276	0.002598607
HNMT	-0.686753323	7.31422E-14
TFAP2C	-0.686932198	1.12574E-09
XLOC_001583	-0.686946677	0.024307929
AC002456.1	-0.687768183	0.011346785
ZNF436-AS1	-0.687791547	2.04068E-06
AP002387.1	-0.68862254	0.002892288
AC002066.1	-0.689025665	0.000559274
PJKV	-0.6892418	0.030661632
LZTS1	-0.689294654	0.033746835
EFNA5	-0.68936662	0.000410888
ZNF30	-0.690153114	0.000732303
MIR4754	-0.690172389	0.005406507
RDH10	-0.690833437	3.32305E-08
LINC01534	-0.690928657	0.043381403
SLC25A35	-0.692727079	0.0003734
IDH1-AS1	-0.692990194	0.022062293
PWWP2B	-0.693640973	0.010212817
CDK15	-0.693729566	1.22495E-06
TMTC1	-0.693998807	0.000253396
NEAT1	-0.69629009	5.69109E-08
EPHB3	-0.69650959	0.005388458
TRIM2	-0.696685296	8.75452E-11
CACFD1	-0.696930054	0.000265791

PARD6G	-0.69816479	0.041556515
GPR1	-0.699066408	2.82143E-16
CATSPER1	-0.699258756	0.000293828
DLEU1	-0.699463072	3.40536E-07
AL163051.1	-0.700430751	0.041006466
CFL1P1	-0.701482569	0.043277797
EFCAB7	-0.701835793	3.59679E-06
MTERF2	-0.702010418	2.42183E-09
FAM111B	-0.702436754	0.002879333
AVPI1	-0.702548076	1.46151E-08
E2F8	-0.706114864	0.014999597
LINC01778	-0.706290158	0.025874732
RAB3D	-0.706331769	3.94378E-08
AC010245.2	-0.706648371	0.043392342
FAT4	-0.707348374	1.77623E-11
CDON	-0.70747496	0.012725256
HOXA10-AS	-0.708137803	0.000216315
XLOC_002344	-0.708385603	0.024522012
AC008035.1	-0.708597329	0.006997633
STAMBPL1	-0.711519628	5.70061E-08
AC080023.1	-0.71218893	0.000118809
ZNF503-AS2	-0.714166335	8.26013E-05
CCDC171	-0.715087585	0.000363842
SSC4D	-0.716741254	0.024363543
FAM20A	-0.716846754	0.001331259
RASGRP2	-0.716898498	0.007356612
YPEL3	-0.717694518	1.30027E-08
PDZD7	-0.720642698	0.014542422
KIF13B	-0.721457662	0.001272847
GHR	-0.721693966	0.02609798
ARHGAP35	-0.723496809	1.04373E-12
PPFIA3	-0.723551028	0.034196696
ROR1	-0.724190227	5.76902E-05
GDPD5	-0.724332806	6.60815E-05
RCCD1	-0.724553146	1.59473E-08
AC010864.1	-0.725114039	0.035457561
HTR7P1	-0.726106114	0.001939989
HOXC4	-0.726170875	5.15208E-07
PPIEL	-0.726571615	0.000708975
LACTB2	-0.727638442	8.07924E-25
TMEM131L	-0.728232555	0.00012733
XLOC_010145	-0.731688447	9.61949E-06
HSPB2	-0.731724231	2.31923E-06

DLGAP1	-0.731974162	0.040983966
ISCA2	-0.732961883	4.39275E-20
XLOC_004049	-0.733624125	2.04846E-11
SOCS3	-0.733643624	0.000143923
PAXIP1-AS1	-0.736162102	0.00289157
XLOC_008704	-0.737045271	0.0129536
LYPD6B	-0.737501132	3.20496E-14
SBF2	-0.737527102	6.31149E-11
MYH2	-0.737616355	0.026626627
XLOC_001188	-0.739581316	5.84514E-05
FAM86C2P	-0.739665351	0.000651869
LBH	-0.739973415	1.50928E-07
AC097534.2	-0.740011903	3.35214E-12
LINC01956	-0.745110308	0.005945065
VMAC	-0.746341521	2.20524E-05
AMIGO1	-0.746606517	0.041805576
AC106782.2	-0.746701913	0.009063589
CDHR3	-0.747226486	0.000265418
HRAT17	-0.747956655	0.001263045
LY6G5C	-0.748794169	0.004409928
SLC46A1	-0.750386068	5.26036E-05
RAET1E	-0.750544308	0.038757122
GTF2IP20	-0.752147964	0.018862317
AC011451.3	-0.752456767	0.011306126
NR1D2	-0.754375967	4.26042E-14
ZBED3	-0.755129946	0.049884554
IQCC	-0.755426082	0.00860637
CCDC163	-0.7561183	0.014095799
SH2D4A	-0.756480004	5.03719E-16
HAND2	-0.75652784	0.00152773
SEMA6A	-0.757133549	0.005523038
LURAP1	-0.757601102	1.16079E-05
XLOC_007462	-0.758726375	0.005848051
SHROOM2	-0.760549154	0.00895396
S100A5	-0.761541558	0.013574522
GYG2	-0.762022525	0.008367385
AC139530.1	-0.762351167	0.000127228
EIF3J-DT	-0.764222759	8.31799E-14
AP001160.2	-0.764793547	0.025755978
TMEM155	-0.765931613	1.27289E-05
C16orf86	-0.766549358	0.000163837
AL035563.1	-0.766637254	0.021966271
ZNF497	-0.766686573	0.011984889

LINC00476	-0.766856328	4.80962E-08
ABHD6	-0.767920117	0.00014693
PRKG2	-0.769176648	0.041919775
ZNF540	-0.770635177	0.003554333
CCDC121	-0.771604137	0.013115173
ADAMTS1	-0.774414788	4.66301E-13
ATP6V1G3	-0.775420725	0.000290283
AL121672.3	-0.776013998	0.025712056
SLC27A3	-0.7763212	0.004446034
VWA5A	-0.776941278	1.22099E-09
ARIH2OS	-0.777560511	0.000174882
LINC00342	-0.778917084	0.002537916
LGR5	-0.779118115	0.000420271
SREBF2-AS1	-0.78016545	2.41899E-07
EPHA5	-0.780916648	0.043105276
KRTAP2-3	-0.780995346	0.000124452
AC009061.2	-0.781472343	0.012406184
AC137767.1	-0.78220301	0.000140321
TIMP4	-0.782562016	0.013584073
LINC00265	-0.782651423	0.035732218
AC093323.1	-0.782767723	0.007754024
C14orf93	-0.78285102	7.85515E-07
HOXC8	-0.782855856	4.10339E-09
SPSB2	-0.783060085	6.12459E-13
GPRC5A	-0.783322739	4.59771E-09
LINC00886	-0.783822349	3.37264E-05
KCNK2	-0.783956823	6.54688E-15
ETV1	-0.784756675	6.16798E-05
KIF18A	-0.784831488	1.43056E-05
AL356515.1	-0.78517096	9.11172E-06
XLOC_009668	-0.786689843	0.014331954
GPAT3	-0.790481183	0.010846329
LINC01089	-0.790612167	8.12515E-07
LINC00346	-0.790783043	0.005350717
AC007114.1	-0.791007028	0.012581995
RPP25	-0.79125934	0.000217037
AGFG2	-0.791727239	0.000688371
EFNB2	-0.791897161	0.000109603
RGS14	-0.792258797	0.0093993
CCDC88B	-0.792518304	0.005287797
CCDC30	-0.79295691	0.002167746
AC007098.1	-0.793541719	5.10963E-05
AC107294.2	-0.794815619	0.00160942

CPLANE2	-0.795244761	0.000781064
NRK	-0.796260084	0.006523386
ALDH3A1	-0.796864188	0.044003542
ZNF214	-0.799869337	0.001358808
AJUBA	-0.801321885	2.82527E-09
AC108488.1	-0.801717457	1.76077E-11
AKAP1	-0.802917144	1.13615E-06
THAP7-AS1	-0.804464805	3.10925E-05
AL358472.4	-0.804994181	0.001059119
SAMD3	-0.805040751	0.007668652
AL355338.1	-0.805245747	1.79087E-09
SAMD12	-0.805465708	6.11313E-05
FAM185BP	-0.805872935	0.035913881
SCOC-AS1	-0.80618001	0.004747244
AL354920.1	-0.808384357	2.43656E-06
NCK1-DT	-0.808389683	4.54667E-06
METTL21A	-0.808477247	2.43768E-20
FLJ31356	-0.811553366	0.009048908
STAM-AS1	-0.812106724	0.011163605
SATB2-AS1	-0.812817218	0.012249987
AL390955.2	-0.815144173	5.29053E-05
MINDY1	-0.815223959	5.58379E-14
AC138696.2	-0.816004229	0.003101845
LINC01301	-0.816815502	0.006202589
MGARP	-0.817044834	7.07004E-21
APOC1	-0.817988249	0.038743982
TBX15	-0.819146432	2.59459E-13
C15orf65	-0.81942498	4.07278E-09
SAC3D1	-0.8202915	0.011355076
SETDB2	-0.820938142	2.0185E-08
AP001189.5	-0.821122611	0.049400449
ZSCAN23	-0.821772774	0.011456483
SNX18	-0.822367772	5.46754E-13
BFSP1	-0.822433929	0.003503731
TMEM246	-0.822463673	2.17176E-16
PXN-AS1	-0.823308487	1.38673E-05
HSD11B1L	-0.823445478	1.30587E-07
TACC2	-0.823510721	2.97925E-11
RHOBTB1	-0.824295815	4.51542E-12
RAB11FIP2	-0.826982692	5.7839E-13
XLOC_002951	-0.827287392	0.037479007
LINC01788	-0.827395037	0.002625983
TRIM45	-0.827977616	0.00183724

CDKN1C	-0.830112399	1.72195E-10
LINC00884	-0.833370296	0.010883549
TMCC1-AS1	-0.833390928	0.017661255
SYTL2	-0.833982893	8.43699E-17
ARHGAP28	-0.834285676	0.000322527
XLOC_000294	-0.835440158	0.03017744
RENBP	-0.837340322	0.000278611
KRT80	-0.837628824	0.006254427
TRIM46	-0.838332829	0.012379389
AP001107.5	-0.839418471	0.011078199
KIZ	-0.840802381	2.09676E-15
ARHGEF26	-0.841261087	0.02451578
ID2	-0.8413653	5.017E-11
BDH1	-0.842000853	1.62149E-07
AL137779.2	-0.842136413	0.015311745
HOXA13	-0.842566673	0.014496365
PHF7	-0.843231293	6.46661E-06
COQ10A	-0.843240827	2.15886E-10
NDUFA6-DT	-0.843469967	0.020071466
CAMK2G	-0.844437634	5.40685E-22
MITF	-0.844618845	7.56906E-05
LMOD1	-0.844738704	1.04733E-19
AP001372.2	-0.844748904	0.030967265
MKNK2	-0.844881119	1.07921E-12
TCF7L2	-0.845405951	6.86391E-13
CHAC1	-0.845728309	1.56643E-06
TMEM37	-0.845910732	0.00175395
ANO3	-0.847067722	0.001646931
CHN2	-0.847162175	0.029750915
ARHGEF4	-0.847649773	8.95705E-06
MC1R	-0.847656837	0.045026579
RP11-436G20.1	-0.849647502	0.044779716
AL355472.1	-0.849707601	0.000889651
SFTA1P	-0.850710713	1.24745E-05
GUCY1B1	-0.851030554	1.43521E-05
CABCOCO1	-0.852782268	1.25014E-06
AKAP6	-0.854143586	1.20121E-08
AP002026.1	-0.854614299	3.26686E-07
ID2-AS1	-0.855263576	0.034202293
FSIP1	-0.85661365	1.08873E-06
KLRA1P	-0.858997515	0.014001157
ZNF385D	-0.862484451	6.22663E-08
NR1D1	-0.862946721	8.67489E-07

XLOC_004198	-0.862962681	0.002210393
XLOC_005361	-0.86341112	0.012693628
AC023509.4	-0.865018591	0.029989646
AP001107.3	-0.865832486	0.02586996
MYO1H	-0.865956056	0.009116343
FAM218A	-0.865959298	2.06359E-06
SYP	-0.866519963	0.00807879
BAG2	-0.867885869	6.17962E-18
AXIN2	-0.868835468	1.40804E-05
ZBTB18	-0.869209626	7.55165E-11
AC244258.1	-0.871261884	5.80421E-09
AC098820.1	-0.873181189	0.027782465
XLOC_001460	-0.873243075	0.022641977
AP002884.1	-0.873868462	1.85343E-16
SLC25A42	-0.873944338	7.31247E-06
MKX	-0.874353895	6.21985E-11
ABHD15	-0.874837478	7.44357E-05
XLOC_011753	-0.874895089	0.032756479
LINC01118	-0.87491022	0.000106355
OXCT2P1	-0.875048175	0.000801824
CDKN2C	-0.877433046	1.63638E-16
AL157402.2	-0.877845914	2.73822E-16
XLOC_002900	-0.87817176	2.78155E-08
MISP3	-0.878251503	0.002668761
NRXN2	-0.879541313	9.82758E-08
PLPP6	-0.879815324	1.22097E-07
C15orf61	-0.8801347	1.10635E-15
IQCH-AS1	-0.880224077	2.97218E-07
ZKSCAN7	-0.88142366	1.33097E-05
MDH1B	-0.882182705	0.042021131
FAHD2CP	-0.883039969	1.09511E-07
AL353626.2	-0.883666898	0.044528996
ZC2HC1C	-0.885697335	0.007809414
RIMS1	-0.887883261	1.32417E-07
RAB3IL1	-0.887901547	0.000684415
AC012615.1	-0.889935318	0.000190731
WDR63	-0.890102555	0.000316471
AL359513.1	-0.890103179	0.005833954
PLEKHG3	-0.891418008	0.006966686
IQCD	-0.891726028	0.001609153
KIAA0895	-0.892112159	0.038479398
AL136164.3	-0.893964155	0.01294168
ZNF815P	-0.895430476	0.007763345

KIAA1958	-0.895524315	0.000674418
USP44	-0.896152774	0.044301237
G35570	-0.89646643	0.001241643
SYCP2	-0.897168885	0.000444079
G23966	-0.897574548	0.000782897
GSN-AS1	-0.899396457	0.000239132
AC063944.1	-0.899563544	0.00813381
AL356277.3	-0.899687698	0.000413427
LINC01094	-0.900358967	2.13258E-09
FAM84A	-0.902982474	1.07926E-06
AC110597.1	-0.904157984	0.013380865
AL139156.2	-0.904885235	0.018892389
MIR616	-0.90582639	0.000410927
G4361	-0.907831014	0.032187434
NUDT6	-0.90796311	1.71345E-13
KCTD21-AS1	-0.908075418	0.002965797
HAGLROS	-0.908080907	0.027729914
C21orf62-AS1	-0.908129078	0.003530895
TMEM144	-0.908316708	0.000118245
AC016355.1	-0.91117495	0.038823618
USP3-AS1	-0.912642222	0.037957302
SPAAR	-0.912765173	0.044140463
USP51	-0.912952819	0.032278221
AC245060.5	-0.913126563	0.013489645
PSTPIP1	-0.914347223	0.047873718
C11orf45	-0.914829626	0.016754306
FRMD4B	-0.914981177	0.012720912
AP001033.1	-0.915447775	0.023487292
BMF	-0.915644853	0.039865205
EBF1	-0.915917425	8.12189E-15
LINC01011	-0.91648847	0.005669855
TMEM169	-0.917259217	0.04516727
CYP26B1	-0.917818363	0.007675751
LINC00663	-0.920384814	0.018487185
TRIB3	-0.9206727	2.48997E-09
HOXA6	-0.922856318	0.033784986
RASSF7	-0.923072642	5.23482E-07
DEPDC4	-0.923522765	0.001796549
EIF1B-AS1	-0.925567262	0.000429105
MAN1C1	-0.927705584	4.75216E-07
SYDE2	-0.927845411	0.000690365
PDE1A	-0.928450675	1.14498E-06
AC022400.1	-0.929588701	0.043596506

DKFZp779M0652	-0.929767026	0.009805367
AC103702.1	-0.929999435	5.30167E-07
PHOSPHO2	-0.93034273	3.73318E-08
GCHFR	-0.931257788	0.009912406
AC004812.2	-0.931460007	0.023789423
GDF15	-0.93148091	2.57818E-07
FAM221A	-0.931993322	0.029511828
ABCA7	-0.932169006	0.042118768
PRR15	-0.932296851	0.000949644
LRRC8B	-0.932414338	0.024541097
ITGA9-AS1	-0.932459842	3.9392E-07
AC009414.2	-0.932708642	4.62299E-06
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IRAK1BP1	-0.933960505	1.05005E-09
ANKRD65	-0.935220002	0.046199521
AP003469.4	-0.935721853	0.003264447
AL109918.1	-0.936284386	3.86297E-09
NEURL2	-0.937300186	0.029518278
MAF	-0.937674257	4.26289E-12
XLOC_009060	-0.937998246	2.98429E-06
ANKRD33B	-0.938154291	0.017377516
ZFP2	-0.938693649	0.000288602
SEL1L2	-0.939479133	4.07278E-09
AL512329.2	-0.942088373	0.048666594
AC004477.1	-0.94273478	0.001773915
ABHD8	-0.944329457	0.00261225
RAB11FIP1	-0.944700605	8.75767E-08
HOXB-AS3	-0.947258104	5.10239E-21
AC114763.1	-0.948631012	0.013448242
HESX1	-0.949278787	0.01837994
AC116914.2	-0.950256614	0.036111804
HOXB3	-0.951076145	1.2324E-10
C2orf81	-0.951684314	6.22461E-08
XLOC_003471	-0.952837181	0.010396866
KITLG	-0.953761529	1.74878E-11
GACAT2	-0.956318339	5.16588E-05
MAP3K12	-0.956521365	0.000732587
LINC00517	-0.957041075	0.000243217
TMEM86A	-0.957869795	2.03899E-07
FAM86FP	-0.958911382	1.0687E-10
G39927	-0.959496437	0.006910938
KCNMB4	-0.960848342	0.020069244
HOXC5	-0.961950036	7.2711E-05

LHX9	-0.962302262	3.01932E-08
AC007541.1	-0.962322801	0.00831917
SH2D5	-0.96241334	0.007356612
C9orf170	-0.965247789	0.021882738
CNNM1	-0.96561532	0.045069715
AC023794.3	-0.966515903	1.03775E-05
AL021368.2	-0.97007977	0.001303101
IL20RA	-0.970141802	0.001420226
XLOC_002952	-0.970620586	1.93538E-05
LINC01637	-0.97175423	5.52209E-08
AL138756.1	-0.973524206	0.041360921
ANKRD35	-0.974040092	5.55281E-11
MTSS1L	-0.975060261	9.0803E-06
RIMKLBP2	-0.975784511	0.040099155
NOSTRIN	-0.976127394	0.001977932
AL022476.1	-0.97673831	0.027327475
CDC20P1	-0.976811001	0.010608274
MIR99AHG	-0.978023336	2.2973E-09
AL049838.1	-0.980468204	0.000868124
LINC00211	-0.981971769	0.010890619
PPP1R26-AS1	-0.982478045	0.035379753
LIPT2	-0.982842749	2.30513E-05
PITPNA-AS1	-0.983385496	3.04975E-09
ARRDC4	-0.983599359	5.3674E-13
DNAJC28	-0.98607899	1.1323E-05
AC107884.1	-0.987978639	0.002259003
XLOC_000566	-0.988243716	0.021733457
HOXC6	-0.989364513	4.57949E-10
ATP8B1	-0.989635046	3.0521E-25
ALG1L9P	-0.991044314	0.031688303
RCAN2	-0.991118772	2.48424E-13
PLD1	-0.991140592	2.30491E-05
CTXN1	-0.994470884	0.005917797
AL022157.1	-0.994762333	0.036031243
ZMYND10	-0.99547286	0.003567155
NUDT18	-0.996892606	2.43694E-06
TMC3-AS1	-0.997222397	1.72384E-07
BX537318.1	-0.99884777	0.000154485
PTPRH	-0.999778771	0.038197526
SLC26A1	-1.001291437	0.04674688
TSPAN10	-1.00267807	0.000225742
SPEG	-1.005415987	2.24923E-11
LINC01936	-1.00655512	0.027547013

AC106791.1	-1.006856371	0.036921981
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ZNF781	-1.011628742	0.015780603
TRIM7	-1.013502541	0.001212727
AC025181.2	-1.013940829	0.000931547
AC007383.2	-1.016147614	5.89687E-05
CBX8	-1.016295969	3.53276E-07
SLC11A1	-1.016940096	0.000517189
ELOA-AS1	-1.020062828	3.67245E-06
AC105383.1	-1.020466483	0.046841624
DAPK1	-1.02237943	3.77405E-06
KCTD4	-1.025438919	2.49461E-06
CPEB1	-1.025650796	0.009085457
TTC28-AS1	-1.025730444	9.30897E-08
CCDC136	-1.026775957	2.00692E-07
AC037486.1	-1.027148816	0.027685051
PRCD	-1.027202945	0.049504644
AP005264.7	-1.028589916	0.036233955
LINC01134	-1.029999513	0.036264602
PLD6	-1.034558699	5.04427E-05
SNORA77	-1.035331206	0.012634529
CNKSR3	-1.035571853	2.38769E-05
MRVI1	-1.03797081	2.86832E-27
TIGD2	-1.038624078	7.60107E-08
AL590822.1	-1.039508295	0.002386738
GDPGP1	-1.040318772	1.67719E-05
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GIPR	-1.042126078	0.02628216
PKIB	-1.043014249	0.017189526
RASIP1	-1.046414328	0.002040537
HOXA1	-1.046423544	0.026991344
GVQW3	-1.04679849	0.011512939
HDAC2-AS2	-1.046909294	0.000239249
MORN3	-1.048105232	0.00250706
LINC02019	-1.050153023	0.001361097
LINC01563	-1.052137735	0.027978674
ZNF33B	-1.053995757	1.87652E-06
AL365214.2	-1.054288195	0.023772086
AMOT	-1.054392239	6.07707E-07
CHDH	-1.054774858	0.027206849
NR2F2	-1.055130346	2.9614E-21
ANKRD30B	-1.056646276	0.001962295

PWAR6	-1.057138553	0.011147712
SEPSECS-AS1	-1.057261592	0.001054828
XLOC_000403	-1.05787708	0.006783137
THAP8	-1.060036163	5.00973E-16
SBF2-AS1	-1.060043623	9.36284E-21
Z99289.1	-1.060102651	0.037456146
TGFBR3	-1.061119512	4.03713E-15
TEF	-1.061630602	2.78678E-06
PURPL	-1.064638193	0.000619362
ARMC4	-1.065421969	8.74379E-06
L3MBTL1	-1.068161798	0.00110191
RABGAP1	-1.071916924	3.19061E-19
ZIC4	-1.072342917	0.002628988
MEIS2	-1.076251595	2.16809E-21
GPR39	-1.077576397	0.025924055
MYCBPAP	-1.080908378	0.031218507
MTCL1	-1.082386142	6.78287E-12
44264	-1.084357207	0.001206749
AC013394.1	-1.084446813	0.028714319
CHRM2	-1.085668222	0.001262182
AC023632.2	-1.087019418	0.040849543
DPH6-DT	-1.087142951	0.002965262
ERICH5	-1.087711211	0.000308575
FAM217B	-1.088220568	1.39652E-11
BDNF	-1.08869033	4.50097E-09
FAM198B-AS1	-1.088745663	4.22397E-06
AC138150.2	-1.088797083	0.000665662
ANKEF1	-1.089500906	1.36391E-05
AC114284.1	-1.090475139	3.91428E-10
SPIN2A	-1.091508241	0.000205315
XLOC_011981	-1.092225833	0.009637666
AQP11	-1.09333246	1.07306E-05
FAM13C	-1.095811974	0.018967684
LENG9	-1.097748576	0.020175093
PKP3	-1.099658461	0.007097608
SUSD3	-1.0999014	0.018866272
XLOC_002888	-1.100801377	0.025374567
NR3C2	-1.100853377	0.002697617
STON2	-1.101466132	0.001264632
SLC38A4	-1.103765272	0.000410365
AP001273.1	-1.105210807	0.017504753
AL035448.1	-1.110071104	0.011856883
SALL2	-1.11057036	0.042550495

SSR4P1	-1.110763352	0.028188896
LINC02595	-1.110897762	8.23078E-11
AC016757.1	-1.113593734	0.034581575
NXNL2	-1.114911639	3.31386E-07
BX284668.4	-1.114950385	9.13599E-08
MAOA	-1.115236482	7.23277E-05
CYYR1-AS1	-1.115437156	0.004610615
AL355001.2	-1.117258393	0.000546989
LINC01569	-1.120540004	0.012479274
LINC00840	-1.12242339	4.37757E-05
SEC31B	-1.12289173	0.002571863
ARL4D	-1.123356682	2.75739E-15
RUNX1T1	-1.126520541	2.73645E-18
AC254633.1	-1.127896921	0.000253053
KCNJ2	-1.130315958	8.13404E-07
TFAP4	-1.133464571	1.70087E-07
AL161911.1	-1.133613692	0.031635005
FAM86JP	-1.134513298	0.000101014
RPARP-AS1	-1.136548935	0.002342909
AC090877.1	-1.136567077	0.043343505
CPA3	-1.137012759	0.017085902
METTL7B	-1.137033956	1.60697E-05
ANXA9	-1.137900641	0.00037363
PRICKLE1	-1.138043681	9.21855E-12
DNAJC9-AS1	-1.138173344	1.3493E-06
LINC00565	-1.139230606	3.71059E-07
ADRA2A	-1.139317782	1.81756E-07
INHBE	-1.139400651	3.3232E-07
CCNO	-1.14167881	0.001914147
SOCS2	-1.144370526	3.718E-16
LNX2	-1.144943717	4.05141E-07
OSR2	-1.146931448	1.94744E-05
XLOC_001374	-1.147502073	0.038792507
LINC01546	-1.147585879	0.005540263
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PPARG	-1.152746939	5.00705E-06
FALEC	-1.156591	0.004353811
SIM1	-1.158209345	5.76036E-14
AL133355.1	-1.158668446	0.04105462
THRB	-1.160948262	1.01345E-14
IGSF10	-1.16148162	0.001954413
LINC00547	-1.163174292	4.52475E-05
ZIC1	-1.164022089	2.60823E-06

HOXA10	-1.164116017	2.99276E-18
MYO15B	-1.164712302	0.032064615
AC092171.5	-1.165499517	1.47518E-11
PSCA	-1.167374878	1.27014E-06
AL357146.1	-1.170949176	0.000421063
CCDC54	-1.171063589	0.023696789
PPL	-1.17111461	0.000289508
SOX12	-1.171234238	2.04846E-11
STXBP6	-1.173415249	6.9119E-05
BCL11B	-1.174173717	0.007770965
DDIT3	-1.17420705	5.9677E-23
SIRT4	-1.175898709	2.6898E-06
AC108062.1	-1.176400753	0.000175143
CPAMD8	-1.177707053	0.009041246
IMPA2	-1.179568347	1.04529E-05
LINC02550	-1.180017686	0.034524516
AC007906.2	-1.181214525	0.022415258
GRPR	-1.182537686	0.000674359
SEMA3B-AS1	-1.184851764	0.005926325
AC006273.1	-1.184882451	0.018487185
44256	-1.18613382	0.003221907
AP001092.1	-1.187466584	0.006587922
AF186192.2	-1.189112694	0.024301739
LRRK2	-1.190293102	1.83468E-05
RXFP1	-1.190574726	0.000919351
ACSS1	-1.191440691	0.001136813
AL162231.2	-1.194143852	4.86327E-06
NATD1	-1.19439317	1.0959E-13
ZNF192P1	-1.195107355	0.003510284
FLRT3	-1.196335554	0.00090811
ARHGEF37	-1.196819367	0.000354988
HOXA5	-1.206437287	0.002607947
LKAAEAR1	-1.20715171	0.039788644
LACTB2-AS1	-1.210242319	0.001452393
PCSK4	-1.211182088	0.011019589
ZMAT4	-1.211530809	0.020479943
SSTR1	-1.211637805	4.94006E-09
STX18-AS1	-1.212828157	1.19572E-05
PALMD	-1.212893317	1.03279E-07
GAS1RR	-1.213876211	2.207E-15
EMX2	-1.214432859	6.26435E-30
AC011389.1	-1.216927119	0.005417336
AC011444.1	-1.220346481	0.003712723

SUCLA2-AS1	-1.221107056	0.005577287
TWIST1	-1.221667862	8.19917E-25
DEF6	-1.222618662	0.017794417
AC090360.1	-1.225079766	0.041241039
ID4	-1.22639994	4.53949E-09
SNORA26	-1.226759604	0.001453377
AC023908.3	-1.227953203	0.000901416
PCDH18	-1.237755142	2.05733E-14
NBEAL2	-1.237798661	0.007258249
A2M-AS1	-1.238965548	0.031104571
TNFRSF19	-1.240348528	9.28348E-19
AC007953.1	-1.243066662	0.006492534
SLC14A1	-1.244632249	0.000104897
XLOC_002925	-1.24548986	0.011462165
RGMA	-1.246317492	6.14848E-08
CALCRL	-1.248165453	3.63552E-05
AL023581.2	-1.2482637	0.027979542
AP001412.1	-1.250296544	0.042403595
LINC01085	-1.252138175	0.000185684
LINC01111	-1.252834949	0.007819261
AC004130.1	-1.253112449	0.000155135
HRCT1	-1.253845054	1.6314E-09
MAMSTR	-1.254939098	2.49977E-08
AC010173.1	-1.25642481	0.00406321
DEPTOR	-1.256621317	5.71298E-18
PDE3A	-1.256878286	5.58574E-07
TNKS2-AS1	-1.258798111	0.02638949
ZNF713	-1.259181952	0.005483368
XLOC_007348	-1.26450942	1.50343E-09
AC005674.2	-1.266858386	0.027411929
TRERF1	-1.2717067	2.40817E-12
AC005696.1	-1.272262338	0.0012896
G7528	-1.272917632	0.034821337
AL353141.1	-1.27339789	0.047045984
DLK2	-1.273424894	0.039358621
CCDC96	-1.275144303	0.003970952
ANKRD34A	-1.277581039	1.55386E-08
ELL3	-1.278052008	0.014021182
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LINC01305	-1.283612775	1.5715E-05
HOXA11-AS	-1.286940851	3.00054E-06
FBXO16	-1.290353832	0.000100396
EBF2	-1.291059221	3.36913E-06

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AL080317.2	-1.29516111	0.021349577
TAF1A-AS1	-1.297774537	0.003631062
G6313	-1.29897857	2.86128E-05
XLOC_007506	-1.301791686	0.016160002
PWAR5	-1.302604002	0.018931179
AC012470.1	-1.304372764	0.029238485
LYPLAL1-DT	-1.306359938	0.03872289
MYLIP	-1.309475154	6.55288E-05
MRGPRF	-1.309525407	4.28042E-18
PANO1	-1.311659227	0.016965981
IRX5	-1.312806679	4.4431E-10
LINC01550	-1.313916698	0.001743483
AC092171.4	-1.314113137	0.037954614
TET1	-1.320402084	3.29733E-12
ANKRD20A5P	-1.32086814	0.003299484
HOXB8	-1.321955087	0.000716231
AC131235.3	-1.322274018	0.037456146
XLOC_005587	-1.323058217	0.004706824
SYNPO2L	-1.330538919	0.042309216
SLC9A3-AS1	-1.332779992	0.001527858
HOXA9	-1.334845738	6.82424E-13
XLOC_002552	-1.335119212	0.000201844
KHK	-1.335309287	0.00015579
SEMA6D	-1.338568166	5.1423E-08
AC008507.1	-1.339438335	0.016626359
SLC25A27	-1.34405467	3.78391E-06
RASSF9	-1.345143459	0.000198132
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RASL11A	-1.350051192	0.045705126
XLOC_001527	-1.352516993	0.001423856
LRRC20	-1.354077354	0.001059145
AC092171.3	-1.363357358	0.023081874
MBOAT1	-1.368972227	0.000296014
AC011365.1	-1.369595325	0.013516566
XLOC_011016	-1.370734149	0.00099751
AC107398.2	-1.370749754	0.038551899
MTUS2	-1.37210199	2.40364E-05
AC011389.3	-1.374487587	0.001486547
AC145285.2	-1.37790048	0.009064527
WEE1	-1.381307152	4.54831E-20
TBKBP1	-1.382737814	2.05811E-07
FSBP	-1.383243769	0.024349039

S1PR1	-1.387507116	7.49465E-15
SAMD5	-1.387917581	0.006349874
ADAMTS5	-1.390902593	8.03715E-21
GPR162	-1.390994432	0.012686152
OSBPL7	-1.391340031	0.002386051
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XLOC_004822	-1.391864459	3.21248E-09
NUDT16P1	-1.392741241	8.67395E-06
FLJ46284	-1.393937023	0.016661465
ADAMTS15	-1.400064394	0.042409385
C19orf73	-1.402382969	5.27262E-08
INKA2-AS1	-1.404374436	0.001477802
TMEM26	-1.407484682	0.000856087
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CASS4	-1.409749689	0.008034768
FGF10	-1.411569865	1.91176E-06
XLOC_012692	-1.411586523	0.017411906
AC087477.2	-1.411871097	0.000324907
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AL592158.1	-1.416929285	0.003525352
B4GALNT4	-1.417780924	0.029107763
NOG	-1.419981269	3.59864E-08
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C11orf88	-1.422813217	0.020278972
AARD	-1.424706854	1.75883E-07
AL590560.1	-1.425448363	0.027165317
MYHAS	-1.426365346	0.001750641
XLOC_002543	-1.426551105	0.012238273
CITED2	-1.427106996	1.48687E-23
CISH	-1.433114521	0.000144642
FIGN	-1.434400395	7.93807E-07
NLRP10	-1.434551653	1.11951E-05
AC003102.1	-1.436993697	1.14992E-05
TRIM17	-1.438045663	0.01456706
AC022154.1	-1.439726307	0.017533269
AL359504.2	-1.439861462	2.07962E-08
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REM2	-1.441222039	0.010296105
GCK	-1.444918493	1.01056E-05
MME-AS1	-1.444934144	0.019924155
LIPE	-1.44661604	0.008180329
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SH3TC2	-1.454211182	0.001593103

LINC00484	-1.457904898	0.046939286
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INKA2	-1.460934838	3.71852E-05
ADIRF-AS1	-1.465642039	8.11588E-06
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MATN1-AS1	-1.47050419	0.01857694
VWCE	-1.474423506	0.003394424
IL6R	-1.479596661	6.41119E-11
GDPD1	-1.480391239	0.000532485
CAVIN2	-1.48281466	1.04826E-30
KBTBD3	-1.483539833	2.16651E-23
AC026801.2	-1.483553588	0.03600968
LINC02361	-1.48370976	0.015244586
DDIT4L	-1.484888191	2.68925E-15
AP003071.4	-1.485485017	0.012485713
HOXA11	-1.485818613	1.16371E-11
MEOX2	-1.487537438	1.2582E-20
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EYA4	-1.487973808	0.01143045
G8154	-1.491404595	0.007957955
FAM78A	-1.491760167	0.004424423
ADM	-1.492910739	1.68297E-16
AC245060.6	-1.494611624	0.018444691
LINC01273	-1.497644402	0.001416476
XLOC_002440	-1.505309373	1.57251E-08
MBP	-1.505458259	5.74151E-08
XLOC_009535	-1.505853634	0.001279337
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FZD2	-1.509760478	1.58234E-20
SAMD13	-1.516248283	0.027165317
BX470102.1	-1.518523626	4.92086E-06
XLOC_006829	-1.520318138	0.029131808
G2112	-1.521515185	0.020278972
CYSRT1	-1.524246503	1.58355E-05
ARL4C	-1.526176944	2.03756E-19
GRTP1	-1.530602874	3.21768E-05
XLOC_000917	-1.532865969	0.000896389
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CSRNP3	-1.538540701	0.023605932
RPS3AP24	-1.545224473	0.032174214
AL358176.4	-1.546375001	0.002336734
AL109924.2	-1.547207783	0.000105107
AL590428.1	-1.549504265	0.000153285

PLCE1-AS1	-1.550928673	1.652E-11
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AC027237.3	-1.558084577	4.14648E-08
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RCOR2	-1.564103113	0.043915812
LMO7DN	-1.56563152	1.68133E-05
SPRY1	-1.566251173	8.82345E-11
AC021054.1	-1.570313832	4.55442E-06
OPRL1	-1.584329298	8.43624E-06
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LINC01444	-1.591080751	1.4327E-07
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G28383	-1.594072824	9.7793E-05
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KCNS1	-1.598389131	0.004586579
TMC3	-1.618019003	0.010789275
FRAT1	-1.61879922	0.011439477
AC138207.3	-1.621957624	0.004033288
LINC00327	-1.624130515	2.58016E-14
MPP7	-1.626796107	3.18576E-12
PDE7B	-1.626801454	2.9705E-10
AC009093.1	-1.630538425	3.37264E-05
RIPK4	-1.630932476	5.8638E-05
REERG	-1.633485444	0.046034705
FLNB-AS1	-1.634832449	0.001926661
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STOX2	-1.63816427	0.041956739
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TTC34	-1.650472424	0.019924155
DICER1-AS1	-1.653837369	5.88957E-07
FUT1	-1.654335254	0.022667757
GPFR1	-1.65714707	4.174E-20
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RTN4RL1	-1.666735084	0.013291181
PRSS36	-1.669974158	4.45754E-05
MKX-AS1	-1.672648862	2.40817E-12
LURAP1L	-1.672750513	6.09396E-30
BRINP1	-1.677183091	6.99717E-26
AC078881.1	-1.677768588	0.019807031
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PAN3-AS1	-1.6847473	0.002409611
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FAXDC2	-1.690560008	2.53492E-26
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FAM84B	-1.697447168	9.45069E-05
XLOC_007038	-1.700684487	0.023886446
ZNF385B	-1.709701064	0.025509535
ZNF608	-1.713337164	2.42957E-05
IRX6	-1.717014901	0.043181435
GAS6-AS1	-1.725133982	0.017931757
KRTAP1-1	-1.730564957	3.0961E-06
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AC120036.4	-1.746198127	3.18492E-06
JAKMIP3	-1.74665811	7.60885E-05
EYA1	-1.748882995	0.027362009
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AC040160.1	-1.752481711	2.10503E-05
RTN4R	-1.755364234	0.00048933
NALT1	-1.758796667	0.027394718
LINC00857	-1.759485838	5.76275E-08
PNMA8B	-1.76499889	0.003827091
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EEPD1	-1.781169605	1.10203E-12
TSHR	-1.786227935	0.000689719
AC010997.3	-1.791218088	0.006804196
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SH3RF2	-1.793307494	1.30336E-06
EXPH5	-1.793404697	5.54155E-14
PDK4	-1.793844437	1.34115E-12
AC005550.2	-1.795790634	0.000189826
TRPC6	-1.796378301	7.59764E-10
LINC01750	-1.809459194	7.58052E-08
NAPSA	-1.81276325	0.001531978
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TRIM55	-1.826207737	0.007087627
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EVI2B	-1.847125303	4.11815E-09
KCNJ8	-1.857484141	3.56412E-12
DBP	-1.869271391	1.16852E-16
ANKFN1	-1.874301854	0.001319422
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GAS1	-1.910148582	1.1123E-27
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ADH1B	-1.922241573	0.002625983
TOB1-AS1	-1.92681378	0.0001969
KLRG1	-1.929078424	0.000296014
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PIK3C2B	-1.953239889	7.72456E-10
CNKSR2	-1.970492415	1.4748E-14
AC069224.1	-1.973256044	0.049094653
ZNF233	-1.990381231	9.12559E-07
GSC	-1.991824694	3.43682E-05
SP9	-1.999144757	9.28913E-05
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AC010359.1	-2.047363773	0.000814818
AL355596.1	-2.075613467	0.000287942
SMILR	-2.087971148	3.68968E-15
EVI2A	-2.098648902	1.26992E-16
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SIX2	-2.110235649	0.004532586
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TENT5B	-2.12615059	1.61366E-06
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PRRT1	-2.145006029	3.51084E-06
ZSWIM2	-2.145422287	0.001481182
LINC01836	-2.148525529	1.00108E-07
MAP2K6	-2.174568184	5.51368E-16
KRTAP1-5	-2.210495627	3.6577E-29
LMO3	-2.233045316	7.46013E-05
PKD1L2	-2.23927017	0.003762941
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INHA	-2.248247253	2.21747E-06
LINC00954	-2.262919426	0.000265418
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AL513534.1	-2.271011413	7.39714E-14
XLOC_003463	-2.30103428	0.011439477
TOX	-2.310244324	9.52266E-23

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LINC02587	-2.449977344	1.33448E-05
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FGF9	-2.565233241	3.34861E-07
C11orf87	-2.567340875	7.02787E-26
OSR1	-2.601458138	6.34025E-23
MSTN	-2.608313892	5.60377E-07
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LUARIS	-2.681604987	0.000506972
BMP4	-2.722998531	1.93844E-14
CTB-178M22.2	-2.755919325	1.53337E-07
CYP39A1	-2.757698204	2.97218E-07
AC109779.1	-2.760497508	4.25139E-13
FILNC1	-2.942359466	1.55485E-13
NFE2	-3.252764318	0.001389324
GDF5	-3.616668978	1.28459E-19
G30615	-3.639980837	5.59589E-05
MC4R	-3.831470184	4.47401E-17
KIT	-5.182154278	6.28255E-26

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KCNC3	-4.104026598	0.00168848	0.304173144	1	4.408199742
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DNAAF1	2.410420024	0.09561123	5.922981996	5.36397E-08	3.512561972
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ARAP2	1.183948736	0.070618399	4.359090144	7.71796E-06	3.175141407
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PLEKHG6	1.203422663	0.575704453	4.260828573	0.022113953	3.05740591
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ZNF366	2.058329682	1	5.039028221	0.024345777	2.980698539
HNF1B	1.976503371	0.101498132	4.934858398	0.001579226	2.958355028
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NT5CP1	0.849671465	0.382965969	3.789464019	0.00506264	2.939792555
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SERPINB4	2.554000394	0.025177794	5.450816212	0.035204432	2.896815818
PTGER4	0.025212706	0.985759756	2.916628669	0.004434244	2.891415963
BMP3	0.291286494	0.870908801	3.122170915	0.043464471	2.830884421
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ENPEP	0.836433159	0.259312807	3.607287365	8.05871E-05	2.770854206
IRF8	2.716097719	0.587423133	5.450134473	4.52606E-06	2.734036754
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DHCR24-DT	-4.189127372	0.022541381	-1.471732336	1	2.717395036
XLOC_004201	1.926159242	1	4.59875979	0.004327602	2.672600549
C6orf163	-1.364275236	0.044037021	1.243289318	0.202062486	2.607564554
NIP7P3	-3.380926143	0.043994559	-0.786220928	1	2.594705216
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CXCL5	5.002820266	1.45869E-11	7.595621908	5.02138E-09	2.592801642
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PWAR6	-3.822487409	1.63007E-05	-1.277333395	0.341050357	2.545154014
ZNF474	-2.040563606	0.025350595	0.5033644	0.634320329	2.543928006
FER1L5	-2.298658581	0.008934604	0.244641714	0.893935621	2.543300296
RPA4	0.627170147	0.55978711	3.167157477	0.00104072	2.53998733
HLA-V	1.893737568	0.026733514	4.425774287	0.000615457	2.53203672
AC010168.2	0.140837366	0.916477975	2.668064635	1.0575E-06	2.52722727
AL161891.1	-2.693660468	0.013980711	-0.171352735	0.946490198	2.522307734
PCA3	-4.380376657	0.004601009	-1.858397084	0.298550509	2.521979574
PRKCQ	2.393317097	0.551422233	4.904215455	0.038974304	2.510898358
CXCL6	4.344253333	1.67704E-11	6.852754334	5.62202E-10	2.508501
AC092919.2	-3.833529593	0.03061351	-1.334063917	0.368776489	2.499465676
AC005899.8	2.004171564	0.047811321	4.471906154	0.003792882	2.467734591
AC083837.1	6.287528902	3.94639E-18	8.738783533	9.36288E-11	2.451254631
CD69	6.50905389	0.001050035	8.935467487	5.69158E-24	2.426413597
AL683813.1	-2.897737697	0.028317948	-0.473600632	0.854402805	2.424137065
RASGEF1B	3.675914607	2.23589E-06	6.090363611	3.96292E-11	2.414449004
AL137186.1	2.017669563	0.36468201	4.421241343	0.005108376	2.40357178
TTC4P1	2.342250379	0.02764942	4.74351205	0.002136323	2.401261672
LYZ	-2.738113646	0.042883347	-0.344366851	0.895324696	2.393746795
AL356234.3	4.482086879	4.01293E-06	6.857959946	8.77098E-11	2.375873067
AP001596.1	-3.88451995	0.000377701	-1.541624054	0.154754645	2.342895896
AC022816.1	4.194360229	0.000229451	6.517222807	2.95708E-05	2.322862578
IFI30	5.525938332	1.59071E-14	7.840767211	1.12449E-14	2.314828879
AC073862.4	2.941635934	0.127631304	5.256076532	0.000295869	2.314440598
XIRP1	6.071039823	4.56537E-11	8.376890602	6.41647E-08	2.305850779
C19orf38	0.71845491	0.448056057	3.024120231	0.02222518	2.305665321
AC004988.1	3.7649853	1.24512E-07	6.025225595	2.70831E-07	2.260240296
CFAP161	1.54886102	0.042283448	3.799499761	0.001175729	2.250638742
FRRS1	2.056901819	0.022017285	4.292938516	0.002611256	2.236036697
AC131649.2	2.279147603	0.22743498	4.507863003	0.012022724	2.228715399
AC067838.1	-2.629127298	0.00218226	-0.406480145	0.661791496	2.222647153
CCDC162P	1.233583381	0.104600197	3.440785912	0.020349244	2.207202531

HIPK1-AS1	-2.701725386	0.006314184	-0.517348582	0.889303512	2.184376804
NR4A3	3.165645271	3.20016E-09	5.343820213	2.12895E-23	2.178174943
P2RY1	3.605897846	0.00012682	5.781544058	0.000106227	2.175646212
G7822	-2.905402123	0.011407177	-0.730913262	0.703784278	2.174488861
XLOC_011313	-2.350770616	0.00084852	-0.204483144	0.893514283	2.146287472
EGFLAM	0.575599814	0.461366981	2.72168513	0.001909232	2.146085316
AL132780.4	-2.520220404	0.000256715	-0.376224904	1	2.143995501
IBSP	2.808392967	0.005889724	4.949976445	0.002604198	2.141583479
CSF2	4.648181362	2.00459E-06	6.788580082	8.64702E-10	2.14039872
AC008147.2	0.135669625	0.91634768	2.253320665	0.000441731	2.11765104
STARD8	-0.12840416	0.920612569	1.98030379	0.000697554	2.10870795
CD79A	1.056701304	0.571715473	3.163116985	0.038172035	2.10641568
HEATR9	3.94630816	0.041746489	6.051541624	1.33093E-05	2.105233464
AL137009.1	0.939399816	0.637513269	3.024017272	0.011517537	2.084617456
COL4A3	-2.099597207	0.03821952	-0.016457893	0.993730228	2.083139314
PPARGC1A	-4.391824778	3.78936E-05	-2.331422362	0.033021098	2.060402415
AC099489.1	4.009747474	4.73628E-07	6.070084092	4.54528E-15	2.060336618
HCK	3.145264043	5.11152E-05	5.204802791	0.000223326	2.059538747
FAM107A	7.600952027	7.48589E-23	9.659334098	3.48654E-13	2.058382071
B3GNT5	1.033491403	0.212131262	3.082970439	0.005187705	2.049479036
AD000864.1	0.194057221	0.869530723	2.232129863	0.015959811	2.038072642
CP	1.348268782	0.282650577	3.38443452	9.59452E-05	2.036165738
TP63	3.148654041	4.83422E-05	5.183223378	3.98219E-08	2.034569337
KBTBD11	-0.948523472	0.174624816	1.071443523	0.00792838	2.019966995
KRT18P63	-3.313029082	0.049947387	-1.294722671	1	2.018306411
LINC02392	4.181212077	0.022626066	6.1941042	8.24737E-05	2.012892122
ADD2	0.978611101	0.154527309	2.987839994	0.00381357	2.009228893
MEOX1	4.444867378	4.13659E-08	6.452881268	3.43543E-16	2.00801389
AC010524.1	0.245084675	1	2.25144637	0.045399678	2.006361695
AC108673.2	1.053226506	0.366430596	3.054276152	0.010143353	2.001049646
AC016590.3	-2.802614243	0.016567086	-0.808637361	1	1.993976883
BANF1P1	1.107813711	0.250047119	3.101650972	0.018563449	1.993837262

SLC12A1	2.539106741	0.09565917	4.52387191	0.001124535	1.984765169
RP11-87H9.3	-2.322856648	0.031950678	-0.342326369	1	1.979620279
AL590648.3	3.904897541	0.000325417	5.855178729	0.000243897	1.950281188
DNER	4.97173059	4.93772E-06	6.918612749	9.27863E-09	1.946882159
FTLP15	1.584398643	0.243552879	3.528286056	0.011827968	1.943887412
DUSP8	-3.152274691	0.026663093	-1.211445333	0.680111958	1.940829358
FBXL22	-3.31041336	0.001319133	-1.391585025	0.254575447	1.918828335
AL136382.1	1.041987787	0.384762448	2.957777299	0.021729368	1.915789512
RHBDL3	2.251145593	0.121115516	4.165611742	0.016781181	1.914466149
RRAD	1.165906123	0.0076278	3.071282028	6.73057E-05	1.905375906
LGI4	3.245380334	1.27138E-06	5.147266019	4.66438E-11	1.901885685
AC103923.1	0.559296265	0.660022364	2.458329387	0.02922274	1.899033121
SHISA9	-1.525140211	0.007360317	0.37210946	0.808923183	1.897249671
RNU6-26P	-1.920829768	0.003707789	-0.046891208	0.981866698	1.87393856
RBPM52	-2.500139709	0.001220924	-0.638953002	0.125302055	1.861186706
TRHDE-AS1	-2.072305913	0.036135509	-0.212708238	0.886374841	1.859597675
LINC00865	-2.28417729	0.049024051	-0.431273709	0.772585337	1.852903582
KIAA1671	3.412496129	2.55275E-05	5.258780808	1.30814E-11	1.846284679
CCL4L1	2.92447228	0.550349772	4.767574633	0.024395822	1.843102353
DCLK3	2.662277858	0.041830414	4.500756825	0.011795673	1.838478968
PTPRB	-2.150399634	0.000204861	-0.321422536	0.723494516	1.828977098
PROX1	2.287598856	0.000307555	4.113537799	2.9222E-05	1.825938943
EXOC3L4	3.762627567	0.000951301	5.582790231	3.41597E-10	1.820162663
XLOC_012442	3.268435978	0.005950534	5.084103947	0.001116261	1.815667969
FZD5	0.677371674	0.440705216	2.485069316	0.000161626	1.807697643
LINC01140	2.125034786	0.000508203	3.912294066	7.59628E-07	1.78725928
TNFSF18	2.884167721	9.78008E-05	4.649865655	1.89904E-07	1.765697934
AC116003.1	-2.797583966	0.024398849	-1.036421058	1	1.761162908
CREB5	-1.910495296	7.60617E-05	-0.157117002	0.825098071	1.753378294
AL592429.1	4.193251277	1.50142E-05	5.942358598	1.30508E-06	1.749107321
AC004917.1	0.126927143	0.934666646	1.853721765	0.03133383	1.726794622
BAK1P1	0.857877455	0.440366805	2.579660637	0.00247165	1.721783182

CCNA1	3.800746508	0.045012799	5.519902174	0.032810742	1.719155665
LIF	3.970241249	7.65441E-05	5.689335524	4.88457E-09	1.719094275
SLC14A1	-1.901673581	0.002775307	-0.204695363	0.820577052	1.696978218
MAP3K12	-1.782102324	0.003760098	-0.094654991	0.90347525	1.687447334
LEP	-2.043295732	0.005834531	-0.358336652	0.595275724	1.684959081
AC005703.6	1.147290122	0.122291806	2.829792127	0.000875643	1.682502005
AC006160.1	1.6383527	0.252671849	3.318347675	0.021182644	1.679994975
AC073548.1	1.745540134	0.043880999	3.421787159	0.013805658	1.676247025
NEFM	-1.632782129	0.002026261	0.037192549	0.967301166	1.669974678
AL035071.2	-2.52411758	0.045693778	-0.858364309	1	1.665753271
SAA2	5.590723123	1.50744E-35	7.254101745	2.39038E-52	1.663378621
TFAP2A-AS2	-1.098761806	0.008837646	0.53529416	0.610431071	1.634055966
SLAMF8	6.273937072	1.78641E-34	7.907255398	6.96337E-25	1.633318326
RUNDC3B	-1.886371677	0.03652963	-0.270134437	0.811567111	1.61623724
LTB	1.724531409	0.227630061	3.331628834	0.002112713	1.607097425
AP000924.1	2.967024578	0.392177266	4.571802058	0.009455051	1.604777481
NEFL	-1.49438483	0.008785537	0.107503916	0.833539586	1.601888746
SAA1	3.119352879	2.13483E-18	4.717681857	7.41678E-20	1.598328978
CARD10	-2.315305988	0.006948581	-0.717045136	0.33937623	1.598260852
CAMK2B	-2.148968425	0.021295641	-0.554315559	0.693079249	1.594652866
NPL	0.387394824	0.288144599	1.975071357	0.013191554	1.587676533
PPP1R2P1	2.318728707	0.035214813	3.856745795	0.009732336	1.538017087
SP140	3.307113723	0.000304389	4.843436234	0.004676363	1.536322512
AL021707.7	2.726891828	0.001218721	4.259736599	0.000125358	1.532844771
PAX5	5.526369263	9.53396E-14	7.058639285	1.47911E-12	1.532270022
PCSK9	-2.382464671	0.002671259	-0.855653161	0.559264521	1.52681151
AC011498.7	-1.977830203	0.017884358	-0.468807045	1	1.509023159
ZNF205	-1.885692588	0.012037413	-0.379888348	0.846000048	1.505804241

	skin_biopsy_nonlesional	loisy_nonlesionpsy	nonlesio_lesional	log2opsy_lesional	skin_biopsy_lesional	padj
XLOC_010133	NA	NA	NA	-20.15	3.08E-10	7.55E-06
IGKJ1	0.48	8.19E-01	1.00E+00	5.23	3.74E-08	3.19E-04
CYP1A2	-0.62	5.36E-01	1.00E+00	-7.15	3.91E-08	3.19E-04
IGKC	4.31	4.14E-11	2.61E-08	5.03	5.67E-08	3.47E-04
CHRD12	-4.31	1.63E-02	8.04E-01	4.80	1.25E-07	6.15E-04
IGLV3-25	5.01	1.31E-01	1.00E+00	6.44	1.69E-07	6.50E-04
LINC00668	-1.37	3.89E-01	1.00E+00	-5.33	1.86E-07	6.50E-04
IGHV4-4	1.74	6.05E-01	1.00E+00	7.00	2.18E-07	6.50E-04
IGHV4-34	-2.12	4.29E-01	1.00E+00	6.22	2.39E-07	6.50E-04
IGHA2	8.73	1.29E-26	3.92E-22	4.71	2.66E-07	6.51E-04
MMP3	-1.56	1.61E-01	1.00E+00	5.20	3.00E-07	6.67E-04
G30725	-0.14	8.94E-01	1.00E+00	-5.66	3.92E-07	8.00E-04
SFRP2	0.74	2.19E-01	1.00E+00	2.26	1.18E-06	2.23E-03
IGLV2-23	4.30	5.69E-02	1.00E+00	5.99	1.53E-06	2.68E-03
IGHA1	4.85	4.91E-10	2.80E-07	4.33	1.69E-06	2.76E-03
CCL18	0.82	3.70E-01	1.00E+00	3.49	1.88E-06	2.88E-03
CACNA1G-AS1	-0.45	6.94E-01	1.00E+00	4.91	3.35E-06	4.84E-03
HMGA2	-0.43	7.90E-01	1.00E+00	4.09	4.09E-06	5.57E-03
PLS3-AS1	1.29	6.05E-02	1.00E+00	-3.53	5.12E-06	6.55E-03
HIST1H1E	-0.61	3.17E-01	1.00E+00	-3.05	5.34E-06	6.55E-03
IGHG2	4.13	1.17E-02	6.70E-01	5.27	5.76E-06	6.72E-03
SNORD3B-2	-1.05	3.30E-01	1.00E+00	-4.31	6.14E-06	6.84E-03
IGHV3-23	3.51	1.10E-02	6.46E-01	4.67	7.62E-06	8.11E-03
RNASEH2A	-2.38	2.23E-01	1.00E+00	-3.92	8.19E-06	8.36E-03
IGLV1-51	2.68	9.79E-03	6.13E-01	4.17	9.59E-06	9.22E-03
HTR3A	0.31	7.78E-01	1.00E+00	4.49	1.00E-05	9.22E-03
ARL14	-4.52	9.91E-02	1.00E+00	4.64	1.02E-05	9.22E-03
GLMP	0.12	4.76E-01	1.00E+00	0.90	1.62E-05	1.38E-02
C1QTNF6	-0.77	2.75E-01	1.00E+00	2.71	1.63E-05	1.38E-02
RAP2B	-0.23	3.68E-01	1.00E+00	0.85	1.78E-05	1.45E-02
RPS19P7	0.66	8.49E-01	1.00E+00	-4.07	1.93E-05	1.52E-02

GTF2IP1	-0.10	6.81E-01	1.00E+00	-1.03	2.05E-05	1.57E-02
CBLN1	-0.93	5.69E-01	1.00E+00	-4.91	2.43E-05	1.81E-02
INHBA	0.11	8.60E-01	1.00E+00	2.13	2.58E-05	1.86E-02
IGLV2-8	6.14	1.94E-03	2.39E-01	5.49	3.32E-05	2.32E-02
RAC1P2	-0.26	5.43E-01	1.00E+00	-2.18	3.60E-05	2.41E-02
IGKV3D-20	3.70	1.05E-02	6.33E-01	5.05	3.69E-05	2.41E-02
PRSS27	-0.80	7.81E-02	1.00E+00	2.74	3.74E-05	2.41E-02
MZB1	4.49	9.95E-04	1.63E-01	3.61	3.97E-05	2.46E-02
OOEP	1.20	3.00E-01	1.00E+00	-4.89	4.02E-05	2.46E-02
IGKV3-20	6.32	3.38E-08	1.48E-05	4.57	4.11E-05	2.46E-02
MTRNR2L8	-2.71	3.15E-02	1.00E+00	-2.28	4.84E-05	2.82E-02
COL5A1	-0.55	3.78E-01	1.00E+00	3.09	5.37E-05	3.06E-02
FKBP11	-0.24	4.73E-01	1.00E+00	0.89	6.17E-05	3.44E-02
IGKV2-30	5.77	9.10E-04	1.54E-01	4.72	6.53E-05	3.53E-02
STMN2	-0.46	4.46E-01	1.00E+00	2.41	6.62E-05	3.53E-02
LINC02223	0.51	5.97E-01	1.00E+00	3.38	7.12E-05	3.71E-02
IGKV3D-15	4.19	1.88E-03	2.39E-01	5.29	8.12E-05	4.06E-02
AC006372.2	-0.77	7.96E-01	1.00E+00	5.12	8.13E-05	4.06E-02
IGKV1D-39	0.63	7.94E-01	1.00E+00	4.68	8.32E-05	4.08E-02
MT-RNR2	0.09	8.44E-01	1.00E+00	-1.76	8.56E-05	4.11E-02
MZT2B	-0.06	8.47E-01	1.00E+00	-1.96	9.38E-05	4.42E-02
G826	0.14	9.27E-01	1.00E+00	-2.35	9.88E-05	4.57E-02
AL078595.1	NA	NA	NA	-4.86	1.02E-04	4.61E-02
GUF1	-0.02	9.11E-01	1.00E+00	-0.61	1.03E-04	4.61E-02
MMP14	-0.22	4.21E-01	1.00E+00	3.41	1.06E-04	4.61E-02
COL1A1	0.51	6.23E-01	1.00E+00	2.62	1.07E-04	4.61E-02
LINC01705	NA	NA	NA	4.67	1.13E-04	4.64E-02
CD37	-0.19	6.13E-01	1.00E+00	2.33	1.13E-04	4.64E-02
PTPN20B	-0.72	3.90E-01	1.00E+00	-2.22	1.14E-04	4.64E-02
RPL3L	-0.49	5.38E-01	1.00E+00	-3.01	1.16E-04	4.64E-02
SLC16A3	-0.39	2.76E-01	1.00E+00	3.38	1.19E-04	4.65E-02
CRNDE	-0.20	4.69E-01	1.00E+00	-1.39	1.20E-04	4.65E-02

AL033527.5	-0.91	4.73E-01	1.00E+00	-4.91	1.24E-04	4.65E-02
EPGN	-1.76	6.30E-02	1.00E+00	3.40	1.28E-04	4.65E-02
PTHLH	0.02	9.80E-01	1.00E+00	2.35	1.28E-04	4.65E-02
IGHV4-28	0.56	8.71E-01	1.00E+00	6.60	1.29E-04	4.65E-02
IGHJ6	1.29	7.08E-01	1.00E+00	5.74	1.29E-04	4.65E-02
COL5A2	-0.24	6.92E-01	1.00E+00	2.63	1.47E-04	5.07E-02
CXCL1	-1.25	1.18E-01	1.00E+00	3.16	1.48E-04	5.07E-02
EVI2B	-0.15	7.24E-01	1.00E+00	1.59	1.50E-04	5.07E-02
MTND2P28	0.33	6.21E-01	1.00E+00	-2.76	1.52E-04	5.07E-02
MDK	0.11	8.37E-01	1.00E+00	1.71	1.52E-04	5.07E-02
AC091488.1	1.73	4.46E-01	1.00E+00	-5.33	1.53E-04	5.07E-02
CCL4L1	-3.00	3.02E-01	1.00E+00	5.17	1.58E-04	5.17E-02
SIGLEC10	-0.54	3.43E-01	1.00E+00	2.95	1.71E-04	5.38E-02
LGALS2	0.48	3.49E-01	1.00E+00	2.27	1.72E-04	5.38E-02
SLC7A8	-0.01	9.75E-01	1.00E+00	1.16	1.74E-04	5.38E-02
MTRNR2L10	2.28	5.03E-01	1.00E+00	-4.26	1.77E-04	5.38E-02
NCF1C	-0.19	8.12E-01	1.00E+00	3.48	1.79E-04	5.38E-02
XLOC_010219	-1.39	6.89E-01	1.00E+00	-3.35	1.82E-04	5.38E-02
PPP1R14D	-1.29	3.72E-01	1.00E+00	-3.87	1.82E-04	5.38E-02
RETN	-2.24	2.01E-01	1.00E+00	3.99	1.83E-04	5.38E-02
ISG15	-0.14	8.99E-01	1.00E+00	2.77	1.85E-04	5.38E-02
FNDC1	-0.84	5.66E-02	1.00E+00	2.76	1.89E-04	5.40E-02
NDP	-0.66	4.42E-01	1.00E+00	2.48	1.90E-04	5.40E-02
XLOC_000595	-0.91	3.06E-01	1.00E+00	-4.05	1.95E-04	5.49E-02
FKBP1B	-0.42	5.66E-01	1.00E+00	-2.71	2.03E-04	5.61E-02
TREM1	0.14	8.73E-01	1.00E+00	3.70	2.04E-04	5.61E-02
TNFRSF12A	-0.76	1.05E-01	1.00E+00	1.25	2.08E-04	5.66E-02
AC006994.2	-0.06	9.48E-01	1.00E+00	-4.15	2.13E-04	5.66E-02
FHL2	-0.04	8.37E-01	1.00E+00	0.66	2.14E-04	5.66E-02
AC108449.2	-0.24	6.88E-01	1.00E+00	-2.03	2.17E-04	5.66E-02
GPR15	2.52	2.90E-01	1.00E+00	5.26	2.17E-04	5.66E-02
AC126768.2	-0.38	6.69E-01	1.00E+00	-1.43	2.23E-04	5.76E-02

AC007608.3	-2.58	7.34E-02	1.00E+00	2.44	2.31E-04	5.88E-02
LCE3A	0.61	6.92E-01	1.00E+00	4.33	2.35E-04	5.95E-02
AL132780.4	-4.16	2.76E-03	2.72E-01	-4.75	2.49E-04	6.23E-02
AP002748.3	-0.02	9.58E-01	1.00E+00	-1.44	2.58E-04	6.33E-02
FCRL5	2.76	1.21E-01	1.00E+00	5.04	2.59E-04	6.33E-02
AC093510.1	0.02	9.90E-01	1.00E+00	-4.10	2.63E-04	6.33E-02
AL355338.1	-0.31	3.81E-01	1.00E+00	-1.05	2.63E-04	6.33E-02
SETD9	0.09	8.24E-01	1.00E+00	-1.07	2.72E-04	6.46E-02
AC007038.1	1.38	5.23E-01	1.00E+00	-3.99	2.81E-04	6.61E-02
AC009949.1	-3.06	2.54E-01	1.00E+00	4.56	2.91E-04	6.73E-02
LCE3E	-0.80	1.97E-01	1.00E+00	2.72	2.91E-04	6.73E-02
KRT16	-1.18	4.34E-03	3.73E-01	3.36	2.95E-04	6.75E-02
AC011451.3	0.03	9.91E-01	1.00E+00	-5.08	2.98E-04	6.75E-02
IGLC2	5.35	3.39E-13	2.50E-10	3.97	3.06E-04	6.88E-02
AC008691.1	0.37	7.97E-01	1.00E+00	3.85	3.17E-04	7.06E-02
ABHD6	0.28	3.85E-01	1.00E+00	-1.13	3.28E-04	7.21E-02
IGKV3D-11	4.01	1.82E-01	1.00E+00	5.05	3.30E-04	7.21E-02
MTRNR2L1	-1.45	6.71E-01	1.00E+00	-3.38	3.44E-04	7.44E-02
TMEM271	-0.66	1.69E-01	1.00E+00	-3.38	3.51E-04	7.44E-02
PM20D2	0.05	8.85E-01	1.00E+00	-0.99	3.53E-04	7.44E-02
ZNF469	-0.66	1.97E-01	1.00E+00	3.36	3.55E-04	7.44E-02
COLQ	0.38	7.51E-01	1.00E+00	3.27	3.55E-04	7.44E-02
XLOC_007264	2.08	2.48E-01	1.00E+00	-2.43	3.58E-04	7.44E-02
AC040174.1	0.05	9.36E-01	1.00E+00	-3.01	3.66E-04	7.54E-02
FKBP10	0.22	6.20E-01	1.00E+00	2.50	3.76E-04	7.68E-02
NCF1	-0.27	6.29E-01	1.00E+00	3.33	3.82E-04	7.75E-02
B3GNT7	-0.84	7.98E-02	1.00E+00	1.56	3.88E-04	7.79E-02
IGHV1-8	1.75	4.44E-01	1.00E+00	5.23	3.95E-04	7.86E-02
PKIA	0.13	7.57E-01	1.00E+00	-2.34	4.00E-04	7.90E-02
RCN3	0.13	7.93E-01	1.00E+00	1.57	4.13E-04	8.01E-02
IFIT1	0.01	9.95E-01	1.00E+00	2.28	4.15E-04	8.01E-02
XLOC_004545	1.89	1.14E-01	1.00E+00	-7.22	4.15E-04	8.01E-02

CCDC121	0.53	1.63E-01	1.00E+00	-1.36	4.31E-04	8.25E-02
IGFL1	-1.86	4.76E-02	1.00E+00	3.40	4.43E-04	8.42E-02
XLOC_002675	0.66	5.08E-01	1.00E+00	2.47	4.48E-04	8.44E-02
ANKRD30BL	-1.19	5.23E-01	1.00E+00	-3.03	4.56E-04	8.53E-02
STAP1	1.63	6.90E-02	1.00E+00	2.59	4.65E-04	8.58E-02
NDUFA7	0.37	7.69E-01	1.00E+00	-1.95	4.66E-04	8.58E-02
AP002986.1	0.90	5.16E-01	1.00E+00	-2.34	4.70E-04	8.58E-02
AL359182.1	0.15	8.75E-01	1.00E+00	2.12	4.73E-04	8.58E-02
AP001043.1	0.22	7.91E-01	1.00E+00	1.88	4.76E-04	8.58E-02
ECM1	0.25	3.88E-01	1.00E+00	0.93	4.84E-04	8.66E-02
FAM20C	-0.45	7.60E-02	1.00E+00	2.35	4.90E-04	8.71E-02
AC112491.1	NA	NA	NA	-3.26	5.03E-04	8.87E-02
AC138207.8	-0.34	3.52E-01	1.00E+00	-1.16	5.11E-04	8.95E-02
LYZ	-0.44	3.06E-01	1.00E+00	3.13	5.19E-04	9.01E-02
DERL3	0.07	9.50E-01	1.00E+00	2.79	5.23E-04	9.03E-02
CFAP65	-3.02	2.76E-02	9.71E-01	-3.87	5.28E-04	9.05E-02
GALNT5	-0.44	4.30E-01	1.00E+00	2.30	5.36E-04	9.11E-02
AC007952.4	-0.27	8.30E-01	1.00E+00	-2.57	5.58E-04	9.36E-02
FAM89B	-0.45	6.28E-01	1.00E+00	-2.06	5.60E-04	9.36E-02
AC004130.1	0.42	4.42E-01	1.00E+00	-1.88	5.62E-04	9.36E-02
CD14	-0.15	7.38E-01	1.00E+00	1.92	5.79E-04	9.53E-02
MIR3936HG	0.32	6.95E-01	1.00E+00	-1.88	5.81E-04	9.53E-02
AC026356.2	0.48	6.96E-01	1.00E+00	4.26	5.83E-04	9.53E-02
MTCO1P40	-0.86	5.66E-01	1.00E+00	2.66	5.88E-04	9.54E-02
CAMP	1.85	1.25E-01	1.00E+00	3.54	6.01E-04	9.68E-02
TTC3P1	-0.40	6.15E-02	1.00E+00	-1.08	6.04E-04	9.68E-02
AC010198.1	-3.72	3.82E-02	1.00E+00	-4.34	6.13E-04	9.76E-02
PLAUR	-0.57	6.84E-02	1.00E+00	1.74	6.23E-04	9.82E-02
IGKV2-28	4.39	6.75E-04	1.24E-01	3.99	6.28E-04	9.82E-02
JCHAIN	4.73	1.58E-10	9.19E-08	2.66	6.29E-04	9.82E-02
SNORA12	0.56	8.71E-01	1.00E+00	-2.75	6.33E-04	9.82E-02
HHIP-AS1	-3.05	2.08E-02	8.94E-01	-2.85	6.43E-04	9.91E-02

ADAM12	1.63	1.01E-01	1.00E+00	2.90	6.50E-04	9.96E-02
SEMA6B	0.04	9.32E-01	1.00E+00	3.37	6.58E-04	1.00E-01
AGTRAP	0.13	7.36E-01	1.00E+00	0.86	6.95E-04	1.05E-01
HMG11P36	-0.41	6.18E-01	1.00E+00	-1.43	7.03E-04	1.05E-01
CEMIP	-0.57	2.89E-01	1.00E+00	2.74	7.06E-04	1.05E-01
RP11-292F22.7	-2.21	9.74E-02	1.00E+00	-4.40	7.14E-04	1.06E-01
IGKV1-27	-2.80	2.81E-01	1.00E+00	4.85	7.16E-04	1.06E-01
C10orf99	-0.69	2.84E-01	1.00E+00	3.01	7.30E-04	1.07E-01
AC012146.1	-0.63	5.48E-01	1.00E+00	-2.16	7.66E-04	1.12E-01
ARMC10P1	0.12	8.63E-01	1.00E+00	-2.43	7.72E-04	1.12E-01
LILRB4	0.12	8.24E-01	1.00E+00	3.41	7.96E-04	1.15E-01
LINC01050	NA	NA	NA	5.83	8.08E-04	1.16E-01
AP001362.2	-0.35	5.54E-01	1.00E+00	-1.41	8.40E-04	1.20E-01
PDPN	-0.16	6.58E-01	1.00E+00	1.37	8.52E-04	1.21E-01
TRDN-AS1	2.23	2.38E-01	1.00E+00	-4.89	8.69E-04	1.22E-01
MMP13	0.61	5.65E-01	1.00E+00	3.85	8.77E-04	1.23E-01
KRT6B	-0.08	8.83E-01	1.00E+00	3.03	8.82E-04	1.23E-01
AL020996.1	-0.31	6.64E-01	1.00E+00	-1.89	9.20E-04	1.26E-01
SAMD9	-0.50	5.05E-01	1.00E+00	1.84	9.21E-04	1.26E-01
VAV1	0.02	9.74E-01	1.00E+00	3.08	9.22E-04	1.26E-01
CDK8P2	-3.65	1.79E-02	8.39E-01	-4.34	9.23E-04	1.26E-01
NCF1B	0.24	7.27E-01	1.00E+00	2.73	9.28E-04	1.26E-01
PPT2-EGFL8	1.27	7.13E-01	1.00E+00	-4.64	9.64E-04	1.30E-01
HIST1H4E	-0.15	8.00E-01	1.00E+00	-2.66	9.90E-04	1.32E-01
HEBP2	0.12	6.25E-01	1.00E+00	-1.94	9.91E-04	1.32E-01
GBP3	-0.01	9.84E-01	1.00E+00	1.41	1.00E-03	1.32E-01
AC022784.1	0.28	5.42E-01	1.00E+00	-1.90	1.00E-03	1.32E-01
SH3PXD2B	-0.25	4.61E-01	1.00E+00	1.85	1.01E-03	1.32E-01
LINC02030	-0.85	5.83E-01	1.00E+00	-4.57	1.02E-03	1.33E-01
CKB	-0.49	6.27E-04	1.18E-01	-0.84	1.02E-03	1.33E-01
ZNF66	0.04	9.37E-01	1.00E+00	-1.45	1.04E-03	1.34E-01
XLOC_013542	-1.20	5.69E-01	1.00E+00	4.05	1.05E-03	1.35E-01

IGHV1-18	2.63	1.22E-01	1.00E+00	4.68	1.06E-03	1.35E-01
AK4	0.10	6.94E-01	1.00E+00	-0.52	1.06E-03	1.35E-01
TRIM25	0.68	7.33E-02	1.00E+00	1.24	1.07E-03	1.35E-01
IGHV3-33	2.96	1.86E-02	8.56E-01	4.90	1.08E-03	1.36E-01
AL139289.2	-0.09	8.39E-01	1.00E+00	-1.78	1.12E-03	1.40E-01
ACP5	0.01	9.69E-01	1.00E+00	1.44	1.14E-03	1.42E-01
IL6R	0.36	3.16E-01	1.00E+00	1.11	1.18E-03	1.45E-01
CCL3L3	0.25	9.42E-01	1.00E+00	4.19	1.18E-03	1.45E-01
LINC01579	0.63	5.14E-01	1.00E+00	-2.69	1.18E-03	1.45E-01
OASL	-0.39	7.56E-01	1.00E+00	2.76	1.19E-03	1.45E-01
OSCAR	-0.21	5.15E-01	1.00E+00	2.23	1.21E-03	1.46E-01
ANAPC4	0.16	4.95E-01	1.00E+00	-0.87	1.22E-03	1.47E-01
AL445205.1	-2.20	9.25E-02	1.00E+00	3.14	1.22E-03	1.47E-01
LINC01186	-1.29	6.84E-01	1.00E+00	-2.41	1.26E-03	1.51E-01
SLC14A1	0.46	7.05E-01	1.00E+00	-2.17	1.29E-03	1.52E-01
SERPINA1	-0.48	3.23E-01	1.00E+00	2.69	1.29E-03	1.52E-01
GRID1	0.05	8.96E-01	1.00E+00	1.88	1.30E-03	1.53E-01
IFIT2	-1.10	3.24E-01	1.00E+00	1.92	1.31E-03	1.53E-01
RNU2-59P	0.53	7.32E-01	1.00E+00	-2.62	1.32E-03	1.53E-01
MSR1	0.08	8.45E-01	1.00E+00	2.37	1.33E-03	1.53E-01
APLN	0.60	3.41E-01	1.00E+00	2.60	1.33E-03	1.53E-01
NOG	0.07	8.78E-01	1.00E+00	2.04	1.34E-03	1.53E-01
AL121601.1	0.13	9.70E-01	1.00E+00	-3.05	1.34E-03	1.53E-01
IGHV3-74	6.41	6.21E-11	3.76E-08	3.39	1.35E-03	1.53E-01
FAM133CP	0.25	8.12E-01	1.00E+00	1.77	1.35E-03	1.53E-01
MFSD2B	1.78	2.54E-01	1.00E+00	2.16	1.35E-03	1.53E-01
IGHV3-15	4.33	3.33E-04	7.10E-02	3.94	1.37E-03	1.54E-01
IGLV3-19	8.44	3.08E-04	6.69E-02	6.11	1.38E-03	1.54E-01
C11orf87	-6.05	1.07E-04	2.56E-02	3.69	1.39E-03	1.54E-01
AGXT	1.57	3.69E-01	1.00E+00	-4.58	1.44E-03	1.59E-01
IGHV4-31	1.20	6.55E-01	1.00E+00	4.58	1.44E-03	1.59E-01
SLC11A1	0.39	3.51E-01	1.00E+00	2.14	1.46E-03	1.60E-01

MFAP2	0.09	8.30E-01	1.00E+00	1.16	1.46E-03	1.60E-01
CD79A	1.17	8.54E-02	1.00E+00	3.23	1.47E-03	1.60E-01
PXMP2	-0.12	8.94E-01	1.00E+00	-1.94	1.49E-03	1.61E-01
FGFR2	0.08	7.23E-01	1.00E+00	-1.26	1.50E-03	1.62E-01
AL365361.1	-2.22	9.73E-02	1.00E+00	3.75	1.51E-03	1.62E-01
IGSF6	-0.86	1.20E-01	1.00E+00	1.57	1.52E-03	1.63E-01
IGKV1-39	4.05	1.18E-03	1.81E-01	4.32	1.53E-03	1.63E-01
IGLL5	3.96	7.94E-02	1.00E+00	4.53	1.53E-03	1.63E-01
PAPPA	0.11	8.03E-01	1.00E+00	2.21	1.54E-03	1.63E-01
MSH3	0.15	4.44E-01	1.00E+00	-0.44	1.57E-03	1.65E-01
KCNC3	-0.61	1.81E-01	1.00E+00	2.82	1.57E-03	1.65E-01
MMP11	-0.65	2.72E-01	1.00E+00	2.75	1.62E-03	1.69E-01
CPXM1	-1.64	2.99E-03	2.87E-01	2.55	1.63E-03	1.69E-01
SPANXA2-OT1	2.93	1.09E-01	1.00E+00	-4.50	1.64E-03	1.70E-01
RFX8	-1.37	3.84E-01	1.00E+00	3.24	1.65E-03	1.70E-01
CD48	-0.32	6.26E-01	1.00E+00	2.70	1.68E-03	1.72E-01
ATOH7	-1.61	4.51E-01	1.00E+00	-3.93	1.70E-03	1.74E-01
AC100771.2	1.56	7.65E-02	1.00E+00	-3.05	1.73E-03	1.76E-01
SPINK9	-2.18	3.84E-01	1.00E+00	3.50	1.74E-03	1.76E-01
S100A8	-0.95	1.90E-01	1.00E+00	2.79	1.74E-03	1.76E-01
CTSA	-0.09	6.60E-01	1.00E+00	0.37	1.77E-03	1.76E-01
AP000580.1	1.85	4.48E-01	1.00E+00	-2.70	1.78E-03	1.76E-01
G5850	-0.09	9.62E-01	1.00E+00	-4.98	1.78E-03	1.76E-01
IFNG-AS1	-1.63	6.25E-01	1.00E+00	4.25	1.80E-03	1.76E-01
PCCA	0.09	7.36E-01	1.00E+00	-0.73	1.81E-03	1.76E-01
NLGN4Y	-0.86	2.46E-01	1.00E+00	3.96	1.82E-03	1.76E-01
CERNA2	-1.96	2.04E-01	1.00E+00	4.40	1.83E-03	1.76E-01
GREM1	0.06	9.14E-01	1.00E+00	2.00	1.83E-03	1.76E-01
THBS1	0.21	7.17E-01	1.00E+00	1.61	1.84E-03	1.76E-01
ALPL	0.26	6.64E-01	1.00E+00	2.27	1.84E-03	1.76E-01
FHAD1	0.50	4.55E-01	1.00E+00	2.79	1.85E-03	1.76E-01
B4GALT1-AS1	0.46	3.91E-01	1.00E+00	-1.76	1.85E-03	1.76E-01

IGLV6-57	1.72	2.68E-01	1.00E+00	4.11	1.86E-03	1.76E-01
CP	0.54	2.99E-01	1.00E+00	1.98	1.86E-03	1.76E-01
G10215	2.28	3.75E-01	1.00E+00	-3.12	1.87E-03	1.76E-01
AC097534.1	-0.94	3.70E-01	1.00E+00	-2.38	1.88E-03	1.76E-01
RXYLT1	-0.27	1.89E-01	1.00E+00	-0.80	1.88E-03	1.76E-01
PLPP4	-1.17	2.12E-01	1.00E+00	1.65	1.89E-03	1.76E-01
XLOC_002813	-1.09	6.15E-01	1.00E+00	4.45	1.89E-03	1.76E-01
DPYSL4	-1.28	1.84E-02	8.51E-01	3.01	1.89E-03	1.76E-01
XLOC_002925	-2.26	6.71E-02	1.00E+00	-2.29	1.92E-03	1.77E-01
LINC00273	-0.80	8.18E-01	1.00E+00	-3.10	1.92E-03	1.77E-01
IGHV3-48	2.20	5.15E-01	1.00E+00	3.82	1.93E-03	1.77E-01
NELL2	-0.14	8.24E-01	1.00E+00	1.68	1.93E-03	1.77E-01
SLC13A5	-0.61	7.33E-01	1.00E+00	3.12	1.94E-03	1.77E-01
NLGN2	-0.30	4.23E-01	1.00E+00	2.49	1.95E-03	1.77E-01
PAK5	-0.32	6.02E-01	1.00E+00	-2.81	1.95E-03	1.77E-01
RNU2-61P	NA	NA	NA	-3.17	1.96E-03	1.77E-01
C1QC	0.15	7.72E-01	1.00E+00	2.10	1.98E-03	1.78E-01
C5orf64	3.60	5.09E-02	1.00E+00	-4.27	1.99E-03	1.79E-01
AC131392.1	0.79	4.85E-01	1.00E+00	-2.07	2.00E-03	1.79E-01
IGHV3-20	1.52	6.57E-01	1.00E+00	6.05	2.01E-03	1.79E-01
RENBP	0.16	6.45E-01	1.00E+00	2.55	2.01E-03	1.79E-01
AL160006.1	1.04	5.30E-02	1.00E+00	1.07	2.04E-03	1.80E-01
LINC01094	-0.50	3.57E-01	1.00E+00	1.11	2.05E-03	1.80E-01
HMGB1P24	-0.88	8.01E-01	1.00E+00	-2.33	2.07E-03	1.80E-01
C19orf66	-0.20	6.75E-01	1.00E+00	1.10	2.07E-03	1.80E-01
GPSM3	-0.23	5.09E-01	1.00E+00	1.80	2.07E-03	1.80E-01
IGKV1D-33	6.69	2.98E-02	9.97E-01	4.45	2.08E-03	1.80E-01
TNFSF13B	-0.19	7.41E-01	1.00E+00	1.71	2.09E-03	1.80E-01
POU2F2	-0.19	6.86E-01	1.00E+00	2.26	2.09E-03	1.80E-01
AC079313.2	-0.70	6.26E-01	1.00E+00	-2.49	2.09E-03	1.80E-01
AC144831.1	0.55	3.08E-01	1.00E+00	1.53	2.10E-03	1.80E-01
ABCA1	0.68	2.13E-02	8.94E-01	1.00	2.12E-03	1.80E-01

COL27A1	-0.37	3.64E-01	1.00E+00	2.01	2.12E-03	1.80E-01
PABPC1P4	-0.14	7.87E-01	1.00E+00	0.98	2.13E-03	1.80E-01
AKNA	0.17	6.13E-01	1.00E+00	2.61	2.16E-03	1.82E-01
WISP1	0.44	4.70E-01	1.00E+00	2.30	2.16E-03	1.82E-01
HAMP	0.07	9.58E-01	1.00E+00	2.56	2.18E-03	1.83E-01
SVIP	0.27	1.82E-01	1.00E+00	-1.32	2.19E-03	1.83E-01
TSGA10IP	0.86	3.97E-01	1.00E+00	2.22	2.19E-03	1.83E-01
PPM1B	0.23	4.55E-01	1.00E+00	-1.12	2.20E-03	1.83E-01
ABL2	-0.05	8.24E-01	1.00E+00	1.15	2.25E-03	1.86E-01
AL662884.3	-1.60	6.43E-01	1.00E+00	-2.54	2.27E-03	1.86E-01
CFB	-0.66	4.71E-01	1.00E+00	1.69	2.28E-03	1.86E-01
IGLC3	4.73	3.28E-11	2.11E-08	3.17	2.28E-03	1.86E-01
UVRAG-DT	1.22	5.47E-03	4.37E-01	-0.98	2.29E-03	1.86E-01
SLC38A5	-0.11	7.07E-01	1.00E+00	1.06	2.29E-03	1.86E-01
DMXL2	0.04	9.26E-01	1.00E+00	1.77	2.29E-03	1.86E-01
AKR1B15	0.18	7.92E-01	1.00E+00	2.39	2.32E-03	1.87E-01
PGBD5	-0.24	7.11E-01	1.00E+00	2.72	2.33E-03	1.88E-01
ACTG1P14	-0.51	8.83E-01	1.00E+00	4.01	2.35E-03	1.88E-01
EHHADH	0.32	3.95E-01	1.00E+00	-0.90	2.35E-03	1.88E-01
SPRR1A	-0.45	5.30E-01	1.00E+00	2.55	2.36E-03	1.88E-01
SLC35E2A	-0.95	5.26E-02	1.00E+00	-0.88	2.37E-03	1.88E-01
AC112243.1	-1.23	4.04E-01	1.00E+00	-4.81	2.43E-03	1.92E-01
EXOSC6	-0.22	3.03E-01	1.00E+00	-0.66	2.43E-03	1.92E-01
LGALS9	0.20	7.14E-01	1.00E+00	1.73	2.47E-03	1.95E-01
AP001107.9	-0.81	3.68E-02	1.00E+00	-1.23	2.51E-03	1.97E-01
TP53I3	-0.18	6.49E-01	1.00E+00	0.97	2.54E-03	1.98E-01
B4GALT1	-0.08	6.93E-01	1.00E+00	1.19	2.54E-03	1.98E-01
AC009275.1	-0.87	6.81E-01	1.00E+00	3.21	2.56E-03	1.99E-01
DDX60L	0.00	9.96E-01	1.00E+00	1.47	2.58E-03	2.00E-01
AL512343.2	6.06	2.48E-02	9.28E-01	-3.20	2.59E-03	2.00E-01
AC063960.1	0.11	9.28E-01	1.00E+00	-4.00	2.60E-03	2.00E-01
MT-TY	0.83	4.47E-01	1.00E+00	-2.23	2.61E-03	2.01E-01

BCL7C	0.15	5.19E-01	1.00E+00	-1.50	2.64E-03	2.02E-01
TCERG1L	-0.12	8.97E-01	1.00E+00	-2.94	2.66E-03	2.03E-01
AC007098.1	-0.52	5.65E-01	1.00E+00	-1.32	2.68E-03	2.03E-01
TMPRSS11D	-3.69	1.11E-02	6.49E-01	4.23	2.68E-03	2.03E-01
CTPS2	0.33	2.92E-01	1.00E+00	-0.60	2.71E-03	2.04E-01
AC110995.1	0.48	5.04E-01	1.00E+00	1.64	2.71E-03	2.04E-01
STC2	-0.30	4.92E-01	1.00E+00	1.90	2.72E-03	2.05E-01
AL031728.1	0.00	1.00E+00	1.00E+00	3.11	2.73E-03	2.05E-01
SH3GL2	-6.02	8.99E-09	4.25E-06	-4.48	2.77E-03	2.05E-01
SLAMF8	-1.22	5.62E-02	1.00E+00	2.16	2.77E-03	2.05E-01
ZNF295-AS1	0.08	9.65E-01	1.00E+00	-2.39	2.78E-03	2.05E-01
AC005034.4	-0.98	6.95E-01	1.00E+00	-4.24	2.79E-03	2.05E-01
AC008105.2	4.45	4.67E-04	9.32E-02	-1.77	2.79E-03	2.05E-01
IRF7	-0.37	6.00E-01	1.00E+00	1.72	2.80E-03	2.05E-01
GPAA1P1	1.17	7.31E-01	1.00E+00	3.13	2.81E-03	2.05E-01
LINC01605	-0.57	1.98E-01	1.00E+00	1.95	2.82E-03	2.05E-01
CD86	0.03	9.41E-01	1.00E+00	1.41	2.82E-03	2.05E-01
BBS10	0.16	5.44E-01	1.00E+00	-0.73	2.83E-03	2.05E-01
AC064807.4	-0.26	8.11E-01	1.00E+00	-3.12	2.83E-03	2.05E-01
PTCRA	-0.12	9.73E-01	1.00E+00	3.93	2.85E-03	2.06E-01
RPL12P14	-1.48	6.61E-01	1.00E+00	-2.63	2.87E-03	2.07E-01
ID4	0.13	6.24E-01	1.00E+00	-1.51	2.90E-03	2.07E-01
NOC2LP1	-1.33	5.91E-02	1.00E+00	-1.54	2.91E-03	2.07E-01
BST2	-0.48	5.33E-01	1.00E+00	2.02	2.92E-03	2.07E-01
KLHL6	0.08	8.82E-01	1.00E+00	2.94	2.92E-03	2.07E-01
C5AR2	-0.62	1.75E-01	1.00E+00	2.33	2.93E-03	2.07E-01
GRN	-0.25	2.14E-01	1.00E+00	0.90	2.93E-03	2.07E-01
LCE3D	-0.23	7.28E-01	1.00E+00	2.30	2.94E-03	2.07E-01
AL683887.1	-3.03	2.77E-02	9.71E-01	-1.88	2.95E-03	2.07E-01
ABHD10	0.21	3.81E-01	1.00E+00	-1.11	2.95E-03	2.07E-01
REEP3	0.16	4.84E-01	1.00E+00	-0.64	2.96E-03	2.07E-01
FYB1	-0.12	7.86E-01	1.00E+00	1.67	2.98E-03	2.08E-01

FPR3	-0.04	9.42E-01	1.00E+00	2.01	2.98E-03	2.08E-01
PKD1P5	0.07	9.29E-01	1.00E+00	3.21	2.99E-03	2.08E-01
SPRR1B	-0.96	1.93E-01	1.00E+00	2.40	3.00E-03	2.08E-01
COL12A1	0.47	4.01E-01	1.00E+00	1.71	3.03E-03	2.09E-01
FBXL3	0.30	2.66E-01	1.00E+00	-1.00	3.13E-03	2.15E-01
IRF9	0.59	6.92E-01	1.00E+00	1.74	3.17E-03	2.18E-01
NFAM1	0.01	9.86E-01	1.00E+00	2.29	3.20E-03	2.19E-01
HIST1H1B	-1.71	1.81E-01	1.00E+00	-3.11	3.22E-03	2.19E-01
PLA2R1	-0.24	6.31E-01	1.00E+00	-1.06	3.22E-03	2.19E-01
BMF	-0.07	8.05E-01	1.00E+00	2.05	3.23E-03	2.19E-01
SDS	-1.05	2.34E-01	1.00E+00	2.67	3.23E-03	2.19E-01
IGKV1D-17	2.02	5.50E-01	1.00E+00	6.14	3.24E-03	2.19E-01
SAMM50	0.13	6.24E-01	1.00E+00	-0.51	3.26E-03	2.19E-01
NCOA7	0.00	9.98E-01	1.00E+00	0.96	3.28E-03	2.20E-01
PDE6G	-3.30	3.03E-03	2.89E-01	1.68	3.29E-03	2.20E-01
SHISAL1	0.24	6.63E-01	1.00E+00	2.42	3.32E-03	2.22E-01
IGKV4-1	6.71	2.34E-02	9.15E-01	3.51	3.33E-03	2.22E-01
SCNN1D	-1.20	6.82E-02	1.00E+00	3.41	3.37E-03	2.24E-01
RPS15AP17	4.56	1.74E-01	1.00E+00	-2.54	3.38E-03	2.24E-01
CLEC2D	0.02	9.76E-01	1.00E+00	1.50	3.39E-03	2.24E-01
SIAH1	0.13	6.06E-01	1.00E+00	-1.08	3.41E-03	2.25E-01
IGF2BP3	-0.96	5.18E-01	1.00E+00	2.84	3.44E-03	2.26E-01
ALDH2	0.50	7.10E-02	1.00E+00	-0.59	3.45E-03	2.26E-01
VWFP1	2.93	1.60E-02	7.91E-01	2.11	3.47E-03	2.26E-01
LINC02421	0.26	9.40E-01	1.00E+00	-5.50	3.48E-03	2.26E-01
RPLP0P2	-0.84	4.82E-01	1.00E+00	1.60	3.49E-03	2.26E-01
RPS2P7	-1.29	2.98E-01	1.00E+00	-1.97	3.51E-03	2.26E-01
U62317.1	1.10	7.38E-01	1.00E+00	2.39	3.51E-03	2.26E-01
HLA-F	-0.09	8.17E-01	1.00E+00	1.16	3.53E-03	2.26E-01
RALYL	-1.26	7.16E-01	1.00E+00	-4.96	3.53E-03	2.26E-01
CLEC7A	-1.10	1.68E-01	1.00E+00	1.59	3.54E-03	2.26E-01
SDHAF4	0.09	7.50E-01	1.00E+00	-0.67	3.55E-03	2.26E-01

PQLC2L	0.84	2.91E-01	1.00E+00	-1.82	3.55E-03	2.26E-01
AC107956.1	-1.96	2.85E-01	1.00E+00	-3.28	3.55E-03	2.26E-01
P3H3	-0.13	7.36E-01	1.00E+00	1.69	3.56E-03	2.26E-01
BGN	-0.21	6.72E-01	1.00E+00	1.44	3.56E-03	2.26E-01
AL031847.1	-1.23	7.24E-01	1.00E+00	-4.00	3.58E-03	2.26E-01
BRSK1	-1.12	9.64E-02	1.00E+00	2.53	3.60E-03	2.26E-01
CST3	0.12	6.94E-01	1.00E+00	0.76	3.61E-03	2.26E-01
XLOC_005405	-1.47	6.70E-01	1.00E+00	-3.41	3.61E-03	2.26E-01
SCGB2B2	-0.94	3.68E-01	1.00E+00	-1.92	3.61E-03	2.26E-01
AMDHD2	-0.18	5.20E-01	1.00E+00	0.83	3.62E-03	2.26E-01
MUC5B	-1.88	4.86E-02	1.00E+00	4.08	3.63E-03	2.26E-01
FNBP1P1	-0.08	9.18E-01	1.00E+00	-1.84	3.64E-03	2.26E-01
TMEM86A	0.24	6.38E-01	1.00E+00	1.14	3.66E-03	2.26E-01
EIF3C	-0.44	1.06E-01	1.00E+00	-0.71	3.68E-03	2.27E-01
LY6E	0.16	7.75E-01	1.00E+00	1.23	3.68E-03	2.27E-01
DRD4	0.28	7.01E-01	1.00E+00	3.50	3.71E-03	2.27E-01
IGHV1-3	-0.50	8.54E-01	1.00E+00	4.13	3.72E-03	2.27E-01
CDH12	-0.51	3.66E-01	1.00E+00	-1.91	3.72E-03	2.27E-01
PLAU	-0.30	5.78E-01	1.00E+00	1.13	3.72E-03	2.27E-01
IGKV2-29	3.87	2.51E-01	1.00E+00	6.29	3.75E-03	2.27E-01
FADS2	0.88	2.61E-01	1.00E+00	-2.27	3.75E-03	2.27E-01
POLR3G	-0.08	8.23E-01	1.00E+00	1.23	3.76E-03	2.27E-01
MSTN	-1.83	2.10E-01	1.00E+00	-2.89	3.77E-03	2.27E-01
COL1A2	0.83	4.70E-01	1.00E+00	1.77	3.78E-03	2.27E-01
ACOT4	0.55	4.90E-01	1.00E+00	-1.27	3.78E-03	2.27E-01
KCNJ6	0.22	9.49E-01	1.00E+00	4.13	3.79E-03	2.27E-01
HES5	0.66	2.25E-01	1.00E+00	-2.76	3.80E-03	2.27E-01
KRT16P2	-3.42	1.06E-02	6.36E-01	2.58	3.80E-03	2.27E-01
ANKRD1	-1.96	5.61E-01	1.00E+00	3.43	3.83E-03	2.27E-01
G40988	-0.35	4.78E-01	1.00E+00	1.28	3.83E-03	2.27E-01
IL7R	0.43	5.10E-01	1.00E+00	2.67	3.85E-03	2.28E-01
AL031316.1	0.06	9.85E-01	1.00E+00	-2.55	3.85E-03	2.28E-01

PTGER2	0.35	4.14E-01	1.00E+00	1.35	3.91E-03	2.30E-01
METTL21EP	0.57	8.33E-01	1.00E+00	-4.04	3.91E-03	2.30E-01
AC011008.2	0.04	9.68E-01	1.00E+00	-3.16	3.98E-03	2.32E-01
ANKLE1	0.82	5.67E-01	1.00E+00	1.73	3.98E-03	2.32E-01
PLA2G4C	0.66	2.13E-01	1.00E+00	1.37	3.98E-03	2.32E-01
PRSS23	-0.15	7.18E-01	1.00E+00	1.15	3.99E-03	2.32E-01
GALNT1	0.39	2.71E-01	1.00E+00	-1.27	4.04E-03	2.35E-01
RBM26-AS1	-1.35	1.59E-01	1.00E+00	-1.67	4.06E-03	2.35E-01
PRKY	0.68	3.30E-01	1.00E+00	3.47	4.07E-03	2.35E-01
QSOX1	-0.09	7.18E-01	1.00E+00	1.27	4.09E-03	2.35E-01
SULT1C2	1.83	2.88E-01	1.00E+00	3.69	4.09E-03	2.35E-01
SMIM18	-1.24	7.19E-01	1.00E+00	2.32	4.10E-03	2.35E-01
BX284668.5	-0.79	3.03E-01	1.00E+00	-1.59	4.10E-03	2.35E-01
CRISP3	-0.04	9.76E-01	1.00E+00	-2.37	4.13E-03	2.36E-01
TLR2	0.15	7.18E-01	1.00E+00	1.69	4.16E-03	2.37E-01
HIST1H2BJ	-0.54	5.39E-01	1.00E+00	1.54	4.17E-03	2.37E-01
PCDH17	-0.41	4.48E-01	1.00E+00	1.94	4.18E-03	2.37E-01
HAS2	0.42	2.77E-01	1.00E+00	1.29	4.20E-03	2.38E-01
FAIM2	0.25	7.91E-01	1.00E+00	1.41	4.24E-03	2.39E-01
AL121790.1	-0.09	9.66E-01	1.00E+00	-3.02	4.24E-03	2.39E-01
UPP1	-0.14	7.35E-01	1.00E+00	1.36	4.26E-03	2.39E-01
IGHV3-64	NA	NA	NA	5.84	4.26E-03	2.39E-01
DDTL	0.29	6.98E-01	1.00E+00	1.46	4.27E-03	2.39E-01
KCNJ1	0.35	7.78E-01	1.00E+00	3.13	4.27E-03	2.39E-01
EEF1A1P4	-1.04	5.95E-01	1.00E+00	-1.65	4.28E-03	2.39E-01
THEMIS2	0.53	2.30E-01	1.00E+00	1.92	4.30E-03	2.39E-01
AC020928.1	-2.53	1.81E-01	1.00E+00	-4.58	4.32E-03	2.39E-01
COL3A1	1.28	3.83E-01	1.00E+00	1.93	4.32E-03	2.39E-01
ALOX5	-0.71	1.77E-01	1.00E+00	1.48	4.34E-03	2.40E-01
EEF1A1P6	-0.01	9.75E-01	1.00E+00	-0.59	4.37E-03	2.40E-01
CERCAM	0.39	5.58E-01	1.00E+00	1.55	4.38E-03	2.41E-01
CD33	-0.19	6.85E-01	1.00E+00	1.49	4.40E-03	2.41E-01

HERC5	0.23	6.98E-01	1.00E+00	1.59	4.43E-03	2.42E-01
NT5C3A	0.01	9.67E-01	1.00E+00	0.73	4.45E-03	2.42E-01
PLD4	-0.37	5.00E-01	1.00E+00	1.93	4.45E-03	2.42E-01
AC090236.2	NA	NA	NA	-5.13	4.49E-03	2.42E-01
XLOC_005595	-0.37	5.00E-01	1.00E+00	-1.17	4.49E-03	2.42E-01
GJB2	-0.41	2.87E-01	1.00E+00	2.07	4.49E-03	2.42E-01
MUC21	1.03	6.03E-01	1.00E+00	-5.06	4.53E-03	2.42E-01
CDH22	-0.65	6.38E-02	1.00E+00	-2.30	4.54E-03	2.42E-01
KRT20	-3.85	2.14E-02	8.94E-01	-4.45	4.54E-03	2.42E-01
AC138207.5	0.69	2.52E-01	1.00E+00	2.05	4.54E-03	2.42E-01
HIST1H1C	-0.01	9.69E-01	1.00E+00	-0.95	4.55E-03	2.42E-01
AL109613.1	0.45	7.18E-01	1.00E+00	2.10	4.55E-03	2.42E-01
LINC02544	-3.01	9.13E-02	1.00E+00	2.53	4.56E-03	2.42E-01
ZNF396	0.11	7.83E-01	1.00E+00	-1.61	4.56E-03	2.42E-01
AL583722.1	0.92	3.58E-01	1.00E+00	3.65	4.58E-03	2.43E-01
PRB1	-1.82	1.11E-01	1.00E+00	-2.71	4.59E-03	2.43E-01
LMAN2L	0.20	3.97E-01	1.00E+00	-0.80	4.61E-03	2.43E-01
AC004069.1	0.68	8.04E-01	1.00E+00	-2.63	4.62E-03	2.43E-01
AP000925.1	0.01	9.98E-01	1.00E+00	4.18	4.62E-03	2.43E-01
RNU1-60P	0.32	7.53E-01	1.00E+00	-2.07	4.65E-03	2.44E-01
MIR635	0.94	2.91E-01	1.00E+00	2.88	4.68E-03	2.45E-01
TSLP	1.17	6.85E-02	1.00E+00	1.22	4.69E-03	2.45E-01
SLC7A7	0.35	4.27E-01	1.00E+00	1.87	4.70E-03	2.45E-01
OR1N1	NA	NA	NA	-4.38	4.72E-03	2.45E-01
MPG	-0.20	4.12E-01	1.00E+00	0.59	4.76E-03	2.47E-01
VMO1	-0.07	8.56E-01	1.00E+00	1.38	4.80E-03	2.48E-01
NTN1	0.35	4.06E-01	1.00E+00	2.49	4.82E-03	2.49E-01
TPTE2P5	-0.06	9.66E-01	1.00E+00	-2.49	4.84E-03	2.50E-01
FNTA	0.19	2.99E-01	1.00E+00	-1.00	4.86E-03	2.50E-01
XLOC_000600	0.68	6.90E-01	1.00E+00	-3.07	4.88E-03	2.50E-01
AC093908.1	-0.20	7.55E-01	1.00E+00	1.99	4.88E-03	2.50E-01
G36296	-3.52	7.35E-02	1.00E+00	2.06	4.91E-03	2.51E-01

PBRM1	-0.05	8.47E-01	1.00E+00	-0.84	4.91E-03	2.51E-01
LGMN	0.29	3.79E-01	1.00E+00	1.00	4.92E-03	2.51E-01
SIRPB2	-0.01	9.87E-01	1.00E+00	1.91	4.94E-03	2.51E-01
AC239799.1	-0.65	4.34E-01	1.00E+00	1.39	4.95E-03	2.51E-01
ENC1	-0.45	2.96E-01	1.00E+00	1.41	4.95E-03	2.51E-01
AC012313.8	0.09	9.14E-01	1.00E+00	-3.48	5.00E-03	2.53E-01
MAPKAPK2	-0.04	8.05E-01	1.00E+00	1.75	5.05E-03	2.54E-01
AC090517.5	0.18	7.89E-01	1.00E+00	-0.99	5.06E-03	2.54E-01
AP003680.1	-0.06	9.86E-01	1.00E+00	-4.65	5.07E-03	2.54E-01
AL132780.2	0.22	6.77E-01	1.00E+00	-1.33	5.08E-03	2.54E-01
FRZB	-0.54	3.37E-01	1.00E+00	-1.10	5.08E-03	2.54E-01
ZHX1	-0.02	9.17E-01	1.00E+00	-0.45	5.12E-03	2.55E-01
WAS	-0.70	1.31E-01	1.00E+00	1.97	5.20E-03	2.58E-01
TIMP1	0.09	8.33E-01	1.00E+00	1.02	5.20E-03	2.58E-01
MT1G	-0.46	2.79E-01	1.00E+00	-1.52	5.21E-03	2.58E-01
TRPM2	0.23	7.01E-01	1.00E+00	2.57	5.21E-03	2.58E-01
LINC00996	-0.61	7.71E-01	1.00E+00	3.97	5.23E-03	2.58E-01
AC107032.2	-0.41	6.53E-01	1.00E+00	-1.58	5.28E-03	2.60E-01
AC104237.2	2.62	1.19E-01	1.00E+00	-4.29	5.30E-03	2.61E-01
TRIM52-AS1	-0.29	3.27E-01	1.00E+00	-0.93	5.34E-03	2.62E-01
G42895	-0.13	8.83E-01	1.00E+00	-2.93	5.35E-03	2.62E-01
TTC33	0.32	3.32E-01	1.00E+00	-1.02	5.42E-03	2.65E-01
TOMM20L	-0.28	7.78E-01	1.00E+00	-2.12	5.43E-03	2.65E-01
PTAFR	-0.34	3.13E-01	1.00E+00	1.76	5.47E-03	2.66E-01
AC138474.1	-0.92	5.77E-01	1.00E+00	-3.28	5.53E-03	2.69E-01
MTATP8P1	-1.26	7.13E-01	1.00E+00	-2.63	5.54E-03	2.69E-01
KATNAL2	-0.23	6.64E-01	1.00E+00	-1.68	5.56E-03	2.69E-01
Z99129.3	-0.80	8.18E-01	1.00E+00	-4.06	5.60E-03	2.70E-01
AC004233.2	0.56	6.74E-01	1.00E+00	-3.75	5.60E-03	2.70E-01
HTR2A	-0.56	5.27E-01	1.00E+00	1.81	5.62E-03	2.70E-01
SPCS2P4	-0.35	4.27E-01	1.00E+00	-1.16	5.62E-03	2.70E-01
SPATA31D5P	-0.05	9.88E-01	1.00E+00	-2.11	5.65E-03	2.70E-01

SYNGAP1	-0.63	4.73E-02	1.00E+00	2.34	5.67E-03	2.70E-01
LINC02156	0.56	8.71E-01	1.00E+00	4.02	5.67E-03	2.70E-01
OLFML3	0.61	2.24E-01	1.00E+00	1.24	5.68E-03	2.70E-01
IFITM1	0.24	6.41E-01	1.00E+00	1.21	5.69E-03	2.70E-01
AC046158.1	1.13	7.44E-01	1.00E+00	-4.09	5.70E-03	2.70E-01
SLC2A9	-0.36	2.73E-01	1.00E+00	0.89	5.70E-03	2.70E-01
LCP2	0.26	5.72E-01	1.00E+00	1.58	5.73E-03	2.70E-01
MXD1	0.05	8.95E-01	1.00E+00	0.87	5.73E-03	2.70E-01
AC008972.2	-0.05	9.66E-01	1.00E+00	1.99	5.73E-03	2.70E-01
ISG20	-0.49	4.00E-01	1.00E+00	1.64	5.75E-03	2.71E-01
LINC01152	0.56	5.69E-01	1.00E+00	-2.24	5.77E-03	2.71E-01
GK-IT1	0.56	8.71E-01	1.00E+00	4.41	5.81E-03	2.72E-01
SULF1	-0.28	5.74E-01	1.00E+00	1.68	5.83E-03	2.72E-01
COL4A4	-1.48	1.33E-02	7.22E-01	2.96	5.85E-03	2.72E-01
PAQR3	0.24	3.88E-01	1.00E+00	-1.10	5.86E-03	2.72E-01
LINC00871	0.59	5.45E-01	1.00E+00	-3.83	5.86E-03	2.72E-01
AC187652.1	-1.19	2.21E-01	1.00E+00	3.71	5.87E-03	2.72E-01
AL390037.1	-0.79	8.13E-01	1.00E+00	-3.69	5.90E-03	2.73E-01
CHN1	-0.64	3.11E-01	1.00E+00	1.62	5.94E-03	2.74E-01
NEXMIF	-0.86	8.12E-03	5.56E-01	-1.68	5.94E-03	2.74E-01
PRSS22	-0.28	6.29E-01	1.00E+00	2.44	5.99E-03	2.76E-01
DLGAP1-AS5	-0.91	5.12E-01	1.00E+00	-3.52	6.01E-03	2.76E-01
XLOC_000916	0.33	7.82E-01	1.00E+00	-2.85	6.03E-03	2.77E-01
MNDA	-0.13	8.05E-01	1.00E+00	1.19	6.04E-03	2.77E-01
SLC47A1	-0.36	1.78E-01	1.00E+00	-0.98	6.07E-03	2.77E-01
BMP8A	0.32	7.82E-01	1.00E+00	3.87	6.17E-03	2.82E-01
H19	1.24	1.32E-02	7.22E-01	1.55	6.22E-03	2.83E-01
TTYH3	-0.77	9.66E-03	6.09E-01	2.13	6.22E-03	2.83E-01
AKR1B10	-0.98	1.71E-02	8.25E-01	2.06	6.24E-03	2.83E-01
RNU2-64P	NA	NA	NA	-3.04	6.24E-03	2.83E-01
IRAK1BP1	-0.23	2.90E-01	1.00E+00	-0.95	6.26E-03	2.83E-01
AC010168.1	0.44	5.77E-01	1.00E+00	-2.20	6.30E-03	2.84E-01

IGKV2D-30	3.66	5.54E-02	1.00E+00	3.82	6.38E-03	2.87E-01
HLA-V	0.03	9.74E-01	1.00E+00	1.35	6.40E-03	2.87E-01
SGCA	0.64	3.12E-01	1.00E+00	1.44	6.40E-03	2.87E-01
ACADL	0.34	3.50E-01	1.00E+00	-1.62	6.44E-03	2.87E-01
MGST1	2.40	3.37E-02	1.00E+00	-1.84	6.45E-03	2.87E-01
AC007608.4	1.44	4.13E-01	1.00E+00	-3.47	6.46E-03	2.87E-01
ADAM23	-0.47	3.68E-01	1.00E+00	2.15	6.47E-03	2.87E-01
TMSB4XP8	-0.15	6.23E-01	1.00E+00	-1.15	6.48E-03	2.87E-01
HSD17B1	-0.40	1.58E-01	1.00E+00	-1.52	6.49E-03	2.87E-01
PROSER2-AS1	-0.19	7.86E-01	1.00E+00	-2.04	6.50E-03	2.87E-01
OLFML2B	-0.26	6.06E-01	1.00E+00	1.87	6.51E-03	2.87E-01
CREB3L1	0.11	8.50E-01	1.00E+00	1.31	6.52E-03	2.87E-01
FAM173B	0.12	7.17E-01	1.00E+00	-0.96	6.52E-03	2.87E-01
CMPK1	0.10	5.98E-01	1.00E+00	-0.66	6.55E-03	2.88E-01
TENM3	0.95	2.02E-01	1.00E+00	2.10	6.57E-03	2.89E-01
ITGAM	0.10	8.38E-01	1.00E+00	2.16	6.64E-03	2.91E-01
C1QB	0.34	5.45E-01	1.00E+00	1.93	6.65E-03	2.91E-01
TNFAIP8L2	-0.44	5.29E-01	1.00E+00	1.33	6.71E-03	2.92E-01
RP1	-0.44	6.49E-01	1.00E+00	-2.34	6.71E-03	2.92E-01
KRT37	-2.12	1.69E-01	1.00E+00	3.69	6.72E-03	2.92E-01
ZNF683	-0.02	9.88E-01	1.00E+00	2.64	6.75E-03	2.93E-01
RNU2-63P	-10.56	2.06E-03	2.39E-01	-2.58	6.76E-03	2.93E-01
RBFOX2	0.15	6.59E-01	1.00E+00	0.42	6.79E-03	2.93E-01
XLOC_007053	-2.22	3.25E-01	1.00E+00	1.66	6.79E-03	2.93E-01
IGKJ5	NA	NA	NA	4.76	6.80E-03	2.93E-01
HMG2N2P6	-1.02	7.65E-01	1.00E+00	-1.73	6.81E-03	2.93E-01
SCAMP5	0.91	2.42E-01	1.00E+00	1.98	6.86E-03	2.94E-01
AC005696.4	-0.62	1.86E-01	1.00E+00	-2.48	6.87E-03	2.94E-01
FOLH1B	-1.60	6.41E-01	1.00E+00	2.94	6.87E-03	2.94E-01
STEAP1B	-0.76	2.02E-01	1.00E+00	1.70	6.87E-03	2.94E-01
MCUR1	0.13	7.03E-01	1.00E+00	-0.73	6.88E-03	2.94E-01
MYO1G	-0.55	2.58E-01	1.00E+00	2.37	6.91E-03	2.94E-01

AC009950.1	0.45	5.86E-01	1.00E+00	1.50	6.92E-03	2.95E-01
CASP4	-0.18	5.10E-01	1.00E+00	0.74	6.95E-03	2.95E-01
PCOLCE	0.32	5.91E-01	1.00E+00	1.43	7.01E-03	2.97E-01
ZNF471	0.40	2.90E-01	1.00E+00	-1.49	7.02E-03	2.97E-01
SCD	1.04	7.44E-01	1.00E+00	-2.16	7.02E-03	2.97E-01
AC241584.1	-1.38	6.85E-01	1.00E+00	-2.87	7.07E-03	2.97E-01
EFCAB11	0.04	9.01E-01	1.00E+00	-0.67	7.08E-03	2.97E-01
DNAJC27-AS1	0.15	7.33E-01	1.00E+00	-1.13	7.09E-03	2.97E-01
TAGAP	0.32	4.78E-01	1.00E+00	1.65	7.12E-03	2.97E-01
AL356056.1	NA	NA	NA	3.19	7.12E-03	2.97E-01
C16orf54	-0.03	9.67E-01	1.00E+00	1.50	7.12E-03	2.97E-01
YBX3	-0.09	7.61E-01	1.00E+00	-1.44	7.13E-03	2.97E-01
CD300A	-0.22	5.79E-01	1.00E+00	1.46	7.18E-03	2.99E-01
AC006511.3	0.20	8.51E-01	1.00E+00	-1.78	7.22E-03	2.99E-01
AC009902.3	2.95	7.53E-02	1.00E+00	-3.26	7.23E-03	2.99E-01
LYPD1	-0.46	6.46E-01	1.00E+00	3.05	7.23E-03	2.99E-01
AVL9	0.09	6.31E-01	1.00E+00	0.75	7.26E-03	2.99E-01
KLK12	-0.27	9.04E-01	1.00E+00	2.60	7.27E-03	2.99E-01
TF	2.32	1.38E-01	1.00E+00	-2.26	7.28E-03	2.99E-01
AC068282.1	-2.39	1.93E-02	8.74E-01	-1.42	7.29E-03	2.99E-01
AC012618.3	-1.87	4.74E-01	1.00E+00	2.52	7.29E-03	2.99E-01
THBS2	0.03	9.31E-01	1.00E+00	0.84	7.31E-03	2.99E-01
SMIM22	2.84	2.23E-02	8.98E-01	-1.87	7.31E-03	2.99E-01
CCDC91	-0.10	6.43E-01	1.00E+00	-0.65	7.31E-03	2.99E-01
RNU5A-1	-2.88	2.90E-01	1.00E+00	-2.22	7.35E-03	3.00E-01
PPIAP59	0.65	7.76E-01	1.00E+00	2.87	7.36E-03	3.00E-01
MVB12A	-0.29	2.40E-01	1.00E+00	0.31	7.37E-03	3.00E-01
CTSL	0.16	6.80E-01	1.00E+00	1.37	7.41E-03	3.01E-01
AL139156.2	-0.35	7.05E-01	1.00E+00	-1.37	7.43E-03	3.01E-01
CCL11	-1.39	6.89E-01	1.00E+00	3.41	7.44E-03	3.01E-01
AL359317.2	0.53	5.90E-01	1.00E+00	-2.29	7.48E-03	3.02E-01
RGS4	-1.43	1.72E-01	1.00E+00	3.07	7.48E-03	3.02E-01

AEN	-0.56	9.25E-02	1.00E+00	1.34	7.50E-03	3.02E-01
RN7SL138P	-0.80	4.97E-01	1.00E+00	1.86	7.51E-03	3.02E-01
PTK7	-0.10	7.15E-01	1.00E+00	1.34	7.52E-03	3.02E-01
MIR5689HG	0.98	7.78E-01	1.00E+00	3.87	7.54E-03	3.02E-01
LY9	0.18	8.04E-01	1.00E+00	2.07	7.55E-03	3.02E-01
ADIPOR2	0.43	1.01E-01	1.00E+00	0.89	7.56E-03	3.02E-01
MIR181A1HG	NA	NA	NA	3.04	7.60E-03	3.03E-01
AC108673.2	-0.89	3.13E-01	1.00E+00	3.37	7.62E-03	3.03E-01
ZSCAN16-AS1	0.51	4.60E-01	1.00E+00	-1.12	7.62E-03	3.03E-01
TRAF3IP2	-0.09	7.04E-01	1.00E+00	0.57	7.64E-03	3.04E-01
AL121672.2	1.39	2.72E-01	1.00E+00	-2.69	7.66E-03	3.04E-01
B3GAT1	0.17	9.46E-01	1.00E+00	3.41	7.68E-03	3.04E-01
PTPN1	-0.07	7.53E-01	1.00E+00	0.92	7.76E-03	3.06E-01
C1QA	0.20	6.78E-01	1.00E+00	1.74	7.76E-03	3.06E-01
SHMT1	-0.06	8.09E-01	1.00E+00	-0.86	7.84E-03	3.08E-01
DUXAP10	-0.63	4.16E-01	1.00E+00	2.28	7.84E-03	3.08E-01
GKAP1	0.08	8.55E-01	1.00E+00	-1.67	7.87E-03	3.09E-01
GPR183	-1.03	1.31E-01	1.00E+00	1.22	7.94E-03	3.11E-01
AL034376.1	-2.51	2.45E-02	9.24E-01	1.99	7.99E-03	3.13E-01
G30347	-1.36	5.86E-02	1.00E+00	3.40	8.02E-03	3.13E-01
NARS2	0.05	7.83E-01	1.00E+00	-0.76	8.03E-03	3.13E-01
G25302	-3.09	1.74E-03	2.31E-01	-3.13	8.04E-03	3.13E-01
GAL	0.15	9.25E-01	1.00E+00	-2.63	8.07E-03	3.14E-01
AC083829.2	0.43	9.03E-01	1.00E+00	-2.66	8.13E-03	3.15E-01
TIMD4	-0.12	9.17E-01	1.00E+00	2.19	8.14E-03	3.15E-01
TYROBP	-0.29	4.74E-01	1.00E+00	1.31	8.15E-03	3.15E-01
LRRC37A	0.42	4.75E-01	1.00E+00	1.04	8.20E-03	3.16E-01
PLD3	-0.14	6.00E-01	1.00E+00	1.06	8.20E-03	3.16E-01
PAX6	-0.49	5.57E-01	1.00E+00	-2.40	8.20E-03	3.16E-01
G39617	-0.97	6.36E-01	1.00E+00	-2.36	8.25E-03	3.18E-01
LINC02446	-1.24	3.80E-01	1.00E+00	3.70	8.29E-03	3.18E-01
LL22NC03-N14H11.1	2.34	1.80E-01	1.00E+00	4.30	8.31E-03	3.19E-01

RAD51-AS1	0.77	9.20E-02	1.00E+00	-1.05	8.36E-03	3.20E-01
RPL9P29	-0.24	8.91E-01	1.00E+00	2.95	8.37E-03	3.20E-01
NLGN4X	0.21	5.11E-01	1.00E+00	1.52	8.39E-03	3.20E-01
AL357833.1	1.32	1.55E-01	1.00E+00	1.93	8.39E-03	3.20E-01
ADAMTS16	-1.75	1.60E-01	1.00E+00	2.91	8.45E-03	3.21E-01
AC105094.1	-0.18	8.68E-01	1.00E+00	-2.16	8.46E-03	3.21E-01
RTP4	-0.41	6.19E-01	1.00E+00	1.63	8.47E-03	3.21E-01
WNT5A	-0.61	4.45E-02	1.00E+00	1.62	8.50E-03	3.21E-01
TYW1B	2.01	5.73E-03	4.50E-01	1.24	8.51E-03	3.21E-01
ADA2	-0.39	2.55E-01	1.00E+00	1.60	8.54E-03	3.21E-01
POC1B-AS1	0.03	9.56E-01	1.00E+00	-1.06	8.54E-03	3.21E-01
EFNA3	-0.06	8.99E-01	1.00E+00	-1.42	8.54E-03	3.21E-01
MC5R	0.29	7.83E-01	1.00E+00	-3.15	8.58E-03	3.21E-01
IGSF5	-0.89	4.17E-01	1.00E+00	-2.55	8.59E-03	3.21E-01
EYA2	0.08	8.83E-01	1.00E+00	1.18	8.60E-03	3.21E-01
ZNF565	-0.20	5.89E-01	1.00E+00	-0.87	8.61E-03	3.21E-01
CCDC62	-0.23	7.70E-01	1.00E+00	-2.42	8.64E-03	3.21E-01
LGALS3BP	0.13	8.34E-01	1.00E+00	1.31	8.64E-03	3.21E-01
PLA2G5	0.91	1.40E-01	1.00E+00	1.55	8.65E-03	3.21E-01
CTD-2328D6.1	0.06	8.49E-01	1.00E+00	-1.69	8.67E-03	3.21E-01
AC018638.7	2.98	3.78E-01	1.00E+00	5.70	8.67E-03	3.21E-01
EPSTI1	-0.22	7.61E-01	1.00E+00	1.80	8.67E-03	3.21E-01
CEP70	-0.03	9.16E-01	1.00E+00	-0.75	8.68E-03	3.21E-01
B4GALT5	0.39	2.08E-01	1.00E+00	1.50	8.72E-03	3.22E-01
FAM53B-AS1	1.44	6.73E-01	1.00E+00	-3.91	8.74E-03	3.23E-01
FCGR3A	-0.55	3.75E-01	1.00E+00	2.31	8.78E-03	3.23E-01
IGKV1D-27	1.43	6.78E-01	1.00E+00	4.09	8.78E-03	3.23E-01
IL10	0.06	9.48E-01	1.00E+00	2.21	8.79E-03	3.23E-01
AL109628.1	NA	NA	NA	-3.42	8.83E-03	3.24E-01
AP005717.1	-3.62	2.83E-01	1.00E+00	-3.82	8.86E-03	3.24E-01
XLOC_011805	0.55	7.73E-01	1.00E+00	-3.64	8.86E-03	3.24E-01
LATS2	-0.16	5.16E-01	1.00E+00	1.24	8.95E-03	3.27E-01

RIN2	-0.18	2.78E-01	1.00E+00	0.65	8.98E-03	3.27E-01
GATC	0.08	7.57E-01	1.00E+00	-0.49	8.99E-03	3.27E-01
G38234	-0.80	6.75E-01	1.00E+00	-3.12	9.04E-03	3.28E-01
ACP2	0.01	9.59E-01	1.00E+00	0.80	9.06E-03	3.28E-01
COL5A3	-0.62	2.55E-02	9.29E-01	1.90	9.08E-03	3.28E-01
MAP4K5	0.07	8.23E-01	1.00E+00	-0.59	9.08E-03	3.28E-01
AC011473.4	-0.45	4.82E-01	1.00E+00	1.70	9.09E-03	3.28E-01
KPNA2	0.04	8.77E-01	1.00E+00	0.57	9.09E-03	3.28E-01
C5AR1	0.34	4.18E-01	1.00E+00	1.92	9.12E-03	3.28E-01
C1QL4	0.00	9.97E-01	1.00E+00	-3.11	9.14E-03	3.28E-01
SZRD1	-0.01	9.38E-01	1.00E+00	0.66	9.14E-03	3.28E-01
LINC01203	-1.93	5.74E-01	1.00E+00	-3.92	9.15E-03	3.28E-01
TRBV7-6	4.10	1.04E-01	1.00E+00	2.26	9.16E-03	3.28E-01
AP001024.1	-2.04	5.52E-01	1.00E+00	-2.16	9.20E-03	3.29E-01
TFP1	1.97	2.73E-01	1.00E+00	-3.49	9.20E-03	3.29E-01
KRT6A	-0.57	2.13E-01	1.00E+00	2.48	9.26E-03	3.29E-01
CATSPER2	-0.15	8.14E-01	1.00E+00	-1.18	9.27E-03	3.29E-01
AL109917.1	0.00	9.95E-01	1.00E+00	-2.19	9.27E-03	3.29E-01
SLFNL1-AS1	2.59	8.72E-02	1.00E+00	2.34	9.27E-03	3.29E-01
CCDC3	-0.41	1.30E-01	1.00E+00	-1.10	9.28E-03	3.29E-01
CCDC28B	-0.25	6.35E-01	1.00E+00	0.84	9.28E-03	3.29E-01
AC093157.1	-0.67	1.49E-01	1.00E+00	-1.10	9.31E-03	3.29E-01
AC068733.3	1.63	1.85E-01	1.00E+00	-2.43	9.32E-03	3.29E-01
STARD3	-0.02	9.01E-01	1.00E+00	0.43	9.35E-03	3.30E-01
STAB1	0.24	6.36E-01	1.00E+00	1.87	9.39E-03	3.30E-01
C1orf162	-0.46	1.99E-01	1.00E+00	1.11	9.41E-03	3.30E-01
LCE3C	0.00	1.00E+00	1.00E+00	3.72	9.41E-03	3.30E-01
LIPC	0.89	6.30E-02	1.00E+00	1.40	9.43E-03	3.31E-01
AL356056.2	0.08	9.07E-01	1.00E+00	1.60	9.46E-03	3.31E-01
XLOC_008786	0.22	8.94E-01	1.00E+00	-3.51	9.49E-03	3.32E-01
YBX1P2	-0.05	9.59E-01	1.00E+00	-0.81	9.53E-03	3.32E-01
PTPRO	-0.04	9.60E-01	1.00E+00	2.87	9.53E-03	3.32E-01

LIMD2	-0.51	1.57E-01	1.00E+00	1.47	9.54E-03	3.32E-01
CXCL3	-1.50	2.56E-01	1.00E+00	2.45	9.56E-03	3.32E-01
10-Sep	0.13	3.73E-01	1.00E+00	-0.37	9.59E-03	3.32E-01
G20080	-1.80	4.42E-01	1.00E+00	3.78	9.59E-03	3.32E-01
LONRF1	0.39	2.53E-01	1.00E+00	-0.98	9.61E-03	3.32E-01
EIF1AXP1	0.46	3.45E-01	1.00E+00	-0.85	9.61E-03	3.32E-01
PLXND1	0.07	8.63E-01	1.00E+00	1.94	9.65E-03	3.33E-01
IL4I1	-1.21	1.13E-01	1.00E+00	2.34	9.66E-03	3.33E-01
AC099066.2	-0.20	9.02E-01	1.00E+00	1.99	9.69E-03	3.33E-01
MX2	-0.04	9.59E-01	1.00E+00	1.93	9.72E-03	3.34E-01
PPP1R9B	-0.46	6.99E-02	1.00E+00	1.90	9.77E-03	3.35E-01
FBXO25	0.10	5.41E-01	1.00E+00	-0.46	9.77E-03	3.35E-01
WBP2NL	-0.39	6.31E-01	1.00E+00	-1.51	9.81E-03	3.36E-01
COPZ2	0.01	9.72E-01	1.00E+00	-1.72	9.82E-03	3.36E-01
HELZ2	-0.40	4.80E-01	1.00E+00	2.25	9.87E-03	3.36E-01
P3H1	-0.19	6.28E-01	1.00E+00	1.06	9.87E-03	3.36E-01
AP003392.4	-0.47	2.59E-01	1.00E+00	-1.21	9.88E-03	3.36E-01
RPRML	0.76	5.08E-01	1.00E+00	-2.10	9.90E-03	3.36E-01
PGRMC2	0.06	8.31E-01	1.00E+00	-0.95	9.91E-03	3.36E-01
AP003774.3	-0.16	9.62E-01	1.00E+00	4.47	9.92E-03	3.36E-01
TSTD3	-0.19	7.45E-01	1.00E+00	-1.18	9.94E-03	3.36E-01
FAM20A	-0.02	9.69E-01	1.00E+00	1.91	9.95E-03	3.36E-01
CCL5	-1.34	4.21E-02	1.00E+00	1.82	9.97E-03	3.36E-01
DLSTP1	-0.45	8.42E-01	1.00E+00	1.88	9.99E-03	3.36E-01
TRAV30	1.33	6.99E-01	1.00E+00	3.65	1.00E-02	3.36E-01
LST1	-0.92	4.06E-02	1.00E+00	0.92	1.00E-02	3.36E-01
IFITM3	0.27	5.94E-01	1.00E+00	0.93	1.00E-02	3.36E-01
MRC2	0.30	5.13E-01	1.00E+00	1.66	1.00E-02	3.37E-01
RPTN	-0.43	5.79E-01	1.00E+00	2.18	1.01E-02	3.38E-01
RRP7BP	-0.46	3.38E-01	1.00E+00	1.14	1.01E-02	3.38E-01
RASSF3	0.53	3.25E-01	1.00E+00	1.30	1.01E-02	3.38E-01
G33755	-1.65	6.32E-01	1.00E+00	3.85	1.01E-02	3.38E-01

ZBTB37	0.11	7.07E-01	1.00E+00	0.47	1.02E-02	3.38E-01
ARRB2	-0.29	1.80E-01	1.00E+00	1.09	1.02E-02	3.39E-01
PFN1P8	0.76	6.83E-01	1.00E+00	-2.99	1.02E-02	3.39E-01
NMI	-0.29	5.47E-01	1.00E+00	0.79	1.03E-02	3.39E-01
FBXO10	-0.02	9.57E-01	1.00E+00	1.16	1.03E-02	3.39E-01
ENOPH1	0.00	9.99E-01	1.00E+00	-0.29	1.03E-02	3.39E-01
TLR7	-0.28	6.06E-01	1.00E+00	2.22	1.03E-02	3.39E-01
SLC36A1	0.06	7.98E-01	1.00E+00	1.10	1.03E-02	3.39E-01
CXCR4	0.18	6.48E-01	1.00E+00	1.82	1.03E-02	3.39E-01
PLXDC1	-0.13	7.44E-01	1.00E+00	1.31	1.03E-02	3.39E-01
AC022167.3	-2.19	3.48E-01	1.00E+00	-2.20	1.03E-02	3.39E-01
RNU4-2	-0.17	8.89E-01	1.00E+00	-2.43	1.03E-02	3.39E-01
NSRP1P1	0.88	3.19E-01	1.00E+00	1.42	1.04E-02	3.40E-01
HIST1H1D	-0.71	4.48E-01	1.00E+00	-2.02	1.04E-02	3.40E-01
CASP16P	-1.76	2.32E-01	1.00E+00	3.22	1.04E-02	3.40E-01
LIMK1	-0.23	3.75E-01	1.00E+00	1.74	1.04E-02	3.40E-01
AGRN	-0.07	8.22E-01	1.00E+00	2.04	1.06E-02	3.45E-01
SIGLEC1	0.70	2.19E-01	1.00E+00	2.31	1.06E-02	3.46E-01
AL161457.2	-1.86	5.37E-01	1.00E+00	-2.07	1.06E-02	3.46E-01
NGF-AS1	1.98	4.79E-01	1.00E+00	3.38	1.07E-02	3.46E-01
FNDC3A	0.17	5.22E-01	1.00E+00	0.56	1.07E-02	3.46E-01
CNPY3	-0.04	8.80E-01	1.00E+00	0.73	1.07E-02	3.46E-01
IGKV1-33	0.93	6.15E-01	1.00E+00	3.63	1.07E-02	3.46E-01
AC092171.2	-0.12	7.85E-01	1.00E+00	1.15	1.07E-02	3.46E-01
GDF11	-0.24	5.71E-01	1.00E+00	1.27	1.08E-02	3.48E-01
AL162412.1	1.27	5.02E-01	1.00E+00	-3.63	1.08E-02	3.48E-01
TTC19	0.05	7.80E-01	1.00E+00	-1.33	1.08E-02	3.48E-01
DDX3Y	0.91	2.83E-01	1.00E+00	2.78	1.09E-02	3.50E-01
LAMA5-AS1	-1.00	7.53E-01	1.00E+00	-2.72	1.09E-02	3.50E-01
FBXL4	0.19	5.87E-01	1.00E+00	-0.53	1.09E-02	3.50E-01
PRMT8	-1.86	3.07E-01	1.00E+00	2.81	1.09E-02	3.50E-01
FRA10AC1	0.32	2.92E-01	1.00E+00	-0.85	1.09E-02	3.50E-01

KRT16P1	-1.13	6.02E-01	1.00E+00	1.81	1.10E-02	3.50E-01
AL157829.1	-2.50	1.93E-01	1.00E+00	2.91	1.10E-02	3.50E-01
DNAJC5	0.01	9.64E-01	1.00E+00	1.23	1.10E-02	3.50E-01
FAM172A	0.36	1.81E-01	1.00E+00	-0.70	1.11E-02	3.51E-01
GALK1	-0.03	8.59E-01	1.00E+00	0.63	1.11E-02	3.51E-01
LAMC2	0.22	4.40E-01	1.00E+00	1.05	1.11E-02	3.52E-01
SCT	-2.90	3.45E-01	1.00E+00	3.70	1.11E-02	3.53E-01
BMP1	-0.44	1.40E-01	1.00E+00	1.67	1.12E-02	3.53E-01
KRT4	2.27	6.45E-02	1.00E+00	2.43	1.12E-02	3.53E-01
ARMC10	0.25	2.97E-01	1.00E+00	-1.50	1.12E-02	3.53E-01
CALR4P	-0.80	8.18E-01	1.00E+00	-4.20	1.13E-02	3.53E-01
CFP	-0.03	9.49E-01	1.00E+00	1.45	1.13E-02	3.53E-01
AC002429.2	-1.59	5.17E-01	1.00E+00	-3.98	1.13E-02	3.53E-01
BTF3L4P2	0.61	4.38E-01	1.00E+00	-1.11	1.13E-02	3.53E-01
HIST2H2AC	-0.24	8.11E-01	1.00E+00	-1.35	1.13E-02	3.53E-01
CTSS	0.00	9.90E-01	1.00E+00	1.40	1.13E-02	3.53E-01
CYP19A1	-0.17	7.74E-01	1.00E+00	2.06	1.13E-02	3.54E-01
GRIA1	-1.18	1.90E-01	1.00E+00	2.11	1.13E-02	3.54E-01
ITGB3BP	-0.41	2.03E-01	1.00E+00	-0.85	1.14E-02	3.54E-01
ERVMER61-1	2.43	4.64E-02	1.00E+00	-2.71	1.14E-02	3.54E-01
RELT	-0.43	2.75E-01	1.00E+00	1.68	1.14E-02	3.54E-01
SIRPAP1	-0.39	8.99E-01	1.00E+00	-2.68	1.14E-02	3.54E-01
AC008147.3	1.39	2.06E-01	1.00E+00	2.24	1.14E-02	3.54E-01
ARNT2	-0.38	4.55E-01	1.00E+00	1.45	1.14E-02	3.54E-01
AP001627.1	1.35	2.62E-01	1.00E+00	-2.72	1.14E-02	3.54E-01
FCGR1B	-1.21	3.48E-01	1.00E+00	2.33	1.14E-02	3.54E-01
LINC01615	-0.22	6.52E-01	1.00E+00	1.44	1.15E-02	3.54E-01
SIGLEC8	1.71	1.08E-01	1.00E+00	2.75	1.15E-02	3.54E-01
AL157700.1	-1.11	4.99E-01	1.00E+00	-2.74	1.15E-02	3.54E-01
LINC01305	-0.34	7.33E-01	1.00E+00	2.53	1.15E-02	3.54E-01
AL158212.5	0.59	3.93E-01	1.00E+00	1.87	1.16E-02	3.55E-01
G10489	-0.91	2.39E-01	1.00E+00	-3.46	1.16E-02	3.55E-01

HIBADH	0.39	3.21E-01	1.00E+00	-0.91	1.16E-02	3.55E-01
AC018755.4	0.32	7.98E-01	1.00E+00	2.54	1.16E-02	3.55E-01
GCSH	0.86	4.30E-01	1.00E+00	-1.20	1.16E-02	3.55E-01
PKD1L3	-1.93	4.48E-01	1.00E+00	2.73	1.17E-02	3.55E-01
LINC01002	-0.93	4.31E-01	1.00E+00	2.81	1.17E-02	3.55E-01
SP110	-0.14	7.71E-01	1.00E+00	1.00	1.17E-02	3.55E-01
MT-TE	NA	NA	NA	-4.50	1.17E-02	3.55E-01
KCP	0.42	5.38E-01	1.00E+00	1.88	1.17E-02	3.55E-01
AL355353.1	-0.86	1.68E-01	1.00E+00	-1.39	1.17E-02	3.55E-01
EPHA5	-1.03	1.14E-01	1.00E+00	-2.79	1.18E-02	3.55E-01
PAX5	-2.30	4.82E-01	1.00E+00	2.36	1.18E-02	3.55E-01
AC015910.1	0.56	5.86E-01	1.00E+00	-2.00	1.18E-02	3.55E-01
CD180	0.58	5.83E-01	1.00E+00	2.43	1.18E-02	3.55E-01
SLC26A7	0.15	8.80E-01	1.00E+00	-2.14	1.18E-02	3.55E-01
CBX6	0.06	8.77E-01	1.00E+00	0.66	1.18E-02	3.55E-01
PODNL1	0.05	9.00E-01	1.00E+00	1.19	1.18E-02	3.55E-01
SYCP3	-1.22	5.66E-01	1.00E+00	-2.06	1.18E-02	3.55E-01
OAS1	0.48	5.40E-01	1.00E+00	1.41	1.18E-02	3.55E-01
MXI1	0.07	7.91E-01	1.00E+00	-0.88	1.19E-02	3.55E-01
SMPD1	-0.09	7.26E-01	1.00E+00	0.79	1.19E-02	3.55E-01
LINC02386	-3.00	1.21E-01	1.00E+00	-3.63	1.19E-02	3.55E-01
AC009093.1	-1.79	1.20E-01	1.00E+00	1.60	1.19E-02	3.55E-01
IGLC7	1.76	6.07E-01	1.00E+00	3.03	1.19E-02	3.55E-01
CYP3A5	1.00	1.14E-01	1.00E+00	1.54	1.20E-02	3.56E-01
STXBP5L	-1.65	1.60E-01	1.00E+00	-3.38	1.20E-02	3.56E-01
TTC6	0.51	7.81E-01	1.00E+00	-2.55	1.20E-02	3.56E-01
AC036176.1	-0.04	9.54E-01	1.00E+00	-1.14	1.20E-02	3.57E-01
SLC7A4	-0.12	7.89E-01	1.00E+00	-1.54	1.21E-02	3.58E-01
CDC42P6	2.78	2.07E-02	8.94E-01	1.30	1.22E-02	3.59E-01
COX6CP1	0.56	8.71E-01	1.00E+00	2.44	1.22E-02	3.59E-01
BICC1	0.31	4.94E-01	1.00E+00	0.93	1.22E-02	3.59E-01
NACC1	-0.18	5.96E-01	1.00E+00	2.03	1.22E-02	3.61E-01

MARCKS	-0.03	8.64E-01	1.00E+00	0.83	1.23E-02	3.61E-01
AL353807.3	0.44	5.43E-01	1.00E+00	1.33	1.23E-02	3.62E-01
CCL4L2	0.71	8.09E-01	1.00E+00	3.38	1.23E-02	3.62E-01
ARMC9	0.28	2.47E-01	1.00E+00	0.84	1.23E-02	3.62E-01
CRAT37	-1.24	7.19E-01	1.00E+00	4.98	1.24E-02	3.62E-01
OR7E13P	NA	NA	NA	-3.92	1.24E-02	3.62E-01
MDM2	0.07	7.78E-01	1.00E+00	0.50	1.24E-02	3.62E-01
AL137186.2	0.35	6.95E-01	1.00E+00	1.37	1.24E-02	3.62E-01
DBP	-0.97	6.76E-03	4.99E-01	-1.47	1.25E-02	3.63E-01
ZNF747	-0.02	9.52E-01	1.00E+00	-0.68	1.26E-02	3.66E-01
IFIT1B	-2.44	2.96E-01	1.00E+00	3.86	1.26E-02	3.66E-01
SLC16A1	-0.14	6.62E-01	1.00E+00	0.61	1.26E-02	3.66E-01
SNX3	0.10	5.31E-01	1.00E+00	-0.97	1.26E-02	3.67E-01
AC011330.1	0.40	7.91E-01	1.00E+00	-2.69	1.27E-02	3.68E-01
NCF2	0.27	3.79E-01	1.00E+00	1.06	1.27E-02	3.68E-01
LRRC4	-0.54	3.31E-01	1.00E+00	2.24	1.27E-02	3.68E-01
ISLR	0.76	9.21E-02	1.00E+00	1.11	1.27E-02	3.68E-01
NPFFR2	-0.51	6.32E-01	1.00E+00	2.92	1.28E-02	3.68E-01
LENG1	0.04	8.56E-01	1.00E+00	0.75	1.28E-02	3.68E-01
NCF4	-0.09	7.82E-01	1.00E+00	1.24	1.28E-02	3.68E-01
ADH7	-0.74	3.68E-01	1.00E+00	1.89	1.28E-02	3.69E-01
ACSS2	0.26	4.34E-01	1.00E+00	-0.98	1.29E-02	3.69E-01
S1PR2	0.20	5.13E-01	1.00E+00	0.80	1.29E-02	3.69E-01
PDGFA	-0.58	2.21E-02	8.96E-01	1.07	1.29E-02	3.69E-01
HEPHL1	-1.00	6.71E-01	1.00E+00	2.42	1.29E-02	3.70E-01
DCAF4L1	-1.32	6.98E-01	1.00E+00	-3.00	1.29E-02	3.70E-01
SORCS2	0.07	8.96E-01	1.00E+00	2.29	1.29E-02	3.70E-01
BLK	-2.28	1.67E-01	1.00E+00	3.78	1.30E-02	3.70E-01
AL845321.1	-0.79	6.96E-01	1.00E+00	-3.58	1.30E-02	3.71E-01
XLOC_000992	1.01	1.45E-01	1.00E+00	-1.94	1.30E-02	3.71E-01
SNF8	-0.24	2.77E-01	1.00E+00	-1.13	1.31E-02	3.72E-01
SND1-IT1	-1.95	4.05E-01	1.00E+00	-2.31	1.31E-02	3.72E-01

CTSK	0.46	3.16E-01	1.00E+00	1.06	1.31E-02	3.72E-01
TRGC1	0.44	7.68E-01	1.00E+00	2.64	1.31E-02	3.72E-01
G14986	-0.79	5.92E-01	1.00E+00	-3.29	1.32E-02	3.72E-01
DKK4	-2.40	5.83E-02	1.00E+00	-3.07	1.32E-02	3.72E-01
AL355312.3	0.35	9.19E-01	1.00E+00	2.33	1.32E-02	3.72E-01
MCCC1	0.18	4.59E-01	1.00E+00	-0.62	1.32E-02	3.72E-01
AC080013.1	-0.39	6.28E-01	1.00E+00	-1.83	1.32E-02	3.72E-01
CPZ	0.76	7.99E-01	1.00E+00	2.54	1.32E-02	3.73E-01
TRIM38	-0.09	8.08E-01	1.00E+00	0.69	1.33E-02	3.73E-01
AC093227.1	-0.08	9.07E-01	1.00E+00	-1.33	1.33E-02	3.73E-01
CASR	-2.97	2.79E-01	1.00E+00	3.85	1.33E-02	3.73E-01
PECR	1.22	8.50E-02	1.00E+00	-1.27	1.33E-02	3.73E-01
AC007389.5	-0.07	9.59E-01	1.00E+00	-2.23	1.34E-02	3.74E-01
RTCA-AS1	0.20	7.64E-01	1.00E+00	-1.09	1.34E-02	3.76E-01
SNX18	0.00	9.79E-01	1.00E+00	1.01	1.35E-02	3.76E-01
FBLIM1	-0.44	2.13E-01	1.00E+00	1.22	1.35E-02	3.76E-01
CBWD3	0.08	8.55E-01	1.00E+00	-0.95	1.35E-02	3.76E-01
CD4	-0.01	9.87E-01	1.00E+00	1.25	1.35E-02	3.76E-01
AC100872.1	-2.62	1.88E-01	1.00E+00	-3.63	1.35E-02	3.76E-01
HPR	2.74	1.01E-01	1.00E+00	2.76	1.36E-02	3.77E-01
PCDHGB9P	-2.35	2.07E-01	1.00E+00	3.04	1.36E-02	3.77E-01
CYTH4	-0.04	9.31E-01	1.00E+00	1.82	1.36E-02	3.77E-01
RIPOR3	0.67	1.93E-01	1.00E+00	2.26	1.36E-02	3.77E-01
AC009237.14	0.02	9.71E-01	1.00E+00	-1.42	1.37E-02	3.77E-01
AC069307.1	1.32	2.00E-01	1.00E+00	-1.85	1.37E-02	3.77E-01
ASIP	-0.15	8.33E-01	1.00E+00	1.16	1.38E-02	3.79E-01
ACOX1	0.39	2.42E-02	9.19E-01	-0.33	1.38E-02	3.79E-01
SPTLC2	0.04	8.62E-01	1.00E+00	0.60	1.38E-02	3.79E-01
DNAJC12	2.14	7.97E-02	1.00E+00	2.20	1.38E-02	3.80E-01
AACS	0.09	7.44E-01	1.00E+00	-0.82	1.39E-02	3.80E-01
FCGR1CP	0.07	9.80E-01	1.00E+00	3.42	1.39E-02	3.80E-01
IGHV4-55	NA	NA	NA	4.93	1.39E-02	3.80E-01

AC132192.2	1.34	4.04E-01	1.00E+00	-3.30	1.39E-02	3.81E-01
CTSD	0.16	4.67E-01	1.00E+00	0.97	1.40E-02	3.81E-01
AC018653.3	1.32	3.12E-01	1.00E+00	2.51	1.40E-02	3.82E-01
OLA1	-0.18	3.37E-01	1.00E+00	-0.28	1.40E-02	3.82E-01
SPATA13	0.00	9.97E-01	1.00E+00	0.90	1.40E-02	3.82E-01
ST8SIA4	-0.25	5.91E-01	1.00E+00	1.26	1.41E-02	3.82E-01
CD22	0.75	5.91E-01	1.00E+00	2.32	1.41E-02	3.82E-01
TRBV7-3	-0.13	9.57E-01	1.00E+00	1.89	1.41E-02	3.82E-01
AC004865.2	-1.96	1.82E-01	1.00E+00	2.15	1.41E-02	3.82E-01
RBP7	0.39	5.16E-01	1.00E+00	-1.21	1.41E-02	3.82E-01
RPS2P55	-3.41	5.85E-04	1.11E-01	-1.51	1.42E-02	3.83E-01
SLAMF7	-0.40	3.25E-01	1.00E+00	1.82	1.42E-02	3.83E-01
CYBB	0.04	9.32E-01	1.00E+00	1.86	1.42E-02	3.83E-01
ARHGEF25	0.22	6.64E-01	1.00E+00	1.57	1.42E-02	3.83E-01
NBPF16	0.76	2.43E-01	1.00E+00	1.08	1.42E-02	3.83E-01
CAPN7	0.14	4.29E-01	1.00E+00	-0.41	1.42E-02	3.83E-01
G2520	0.51	4.46E-01	1.00E+00	-2.46	1.43E-02	3.84E-01
AC100847.1	1.41	2.58E-01	1.00E+00	-1.70	1.43E-02	3.84E-01
PRR34-AS1	0.22	6.48E-01	1.00E+00	-1.63	1.44E-02	3.85E-01
RNF213	0.06	8.64E-01	1.00E+00	1.40	1.44E-02	3.85E-01
CXCL12	0.42	4.40E-01	1.00E+00	1.16	1.44E-02	3.85E-01
LINC01206	-0.56	8.73E-01	1.00E+00	3.88	1.44E-02	3.85E-01
G36839	-0.85	3.81E-01	1.00E+00	-2.48	1.45E-02	3.85E-01
RPL24P2	-4.27	1.54E-01	1.00E+00	-1.78	1.45E-02	3.85E-01
GAPDHP2	-0.79	8.17E-01	1.00E+00	3.61	1.45E-02	3.85E-01
ANKDD1B	-0.55	5.78E-01	1.00E+00	-2.34	1.45E-02	3.85E-01
XLOC_008785	3.74	2.76E-02	9.71E-01	-2.87	1.45E-02	3.85E-01
H3F3AP6	-0.10	7.85E-01	1.00E+00	-0.86	1.45E-02	3.85E-01
CHRNA9	-1.91	5.67E-01	1.00E+00	2.31	1.45E-02	3.85E-01
SLC25A18	0.32	6.32E-01	1.00E+00	-1.79	1.45E-02	3.85E-01
ZNF662	0.09	7.97E-01	1.00E+00	0.84	1.46E-02	3.85E-01
C1orf109	0.27	2.69E-01	1.00E+00	-0.66	1.46E-02	3.86E-01

AL391005.1	-1.06	2.74E-01	1.00E+00	-4.31	1.46E-02	3.86E-01
JAML	-0.36	5.42E-01	1.00E+00	1.34	1.47E-02	3.86E-01
LRP1	0.76	1.43E-01	1.00E+00	1.64	1.47E-02	3.86E-01
CD2BP2	-0.01	9.20E-01	1.00E+00	0.50	1.47E-02	3.86E-01
DSG1-AS1	-0.86	5.83E-01	1.00E+00	1.65	1.47E-02	3.86E-01
CKM	-2.05	5.29E-01	1.00E+00	-2.92	1.47E-02	3.86E-01
RNF125	-0.10	6.15E-01	1.00E+00	-0.57	1.47E-02	3.86E-01
GPATCH11	0.31	2.61E-01	1.00E+00	-1.05	1.47E-02	3.86E-01
TMEM115	-0.06	7.80E-01	1.00E+00	0.42	1.47E-02	3.86E-01
AP000894.4	0.15	8.41E-01	1.00E+00	-1.52	1.48E-02	3.86E-01
AC122718.1	0.10	8.64E-01	1.00E+00	1.14	1.48E-02	3.86E-01
AGAP2	-0.54	3.19E-01	1.00E+00	1.87	1.48E-02	3.86E-01
IQCH-AS1	-0.02	9.57E-01	1.00E+00	-1.28	1.48E-02	3.86E-01
RNF14	0.53	1.02E-01	1.00E+00	-0.74	1.48E-02	3.86E-01
MUCL1	0.71	5.70E-01	1.00E+00	-1.98	1.49E-02	3.86E-01
GLIS2	0.01	9.78E-01	1.00E+00	1.74	1.49E-02	3.86E-01
ADAM8	-0.98	8.05E-02	1.00E+00	2.53	1.49E-02	3.86E-01
LPIN3	-0.27	3.55E-01	1.00E+00	0.69	1.49E-02	3.86E-01
PCNX1	0.31	2.24E-01	1.00E+00	1.06	1.49E-02	3.86E-01
ALG14	0.02	9.35E-01	1.00E+00	-0.69	1.49E-02	3.86E-01
PSPC1	-0.27	7.47E-02	1.00E+00	0.45	1.49E-02	3.86E-01
PANX1	-0.13	7.19E-01	1.00E+00	0.89	1.50E-02	3.86E-01
AC012569.1	-1.55	6.45E-01	1.00E+00	2.69	1.50E-02	3.86E-01
FAF1	-0.14	5.55E-01	1.00E+00	-1.18	1.50E-02	3.86E-01
CDH3	-0.65	2.28E-02	9.09E-01	1.45	1.50E-02	3.86E-01
CFAP97	-0.01	9.64E-01	1.00E+00	-0.52	1.50E-02	3.86E-01
MTCL1	-0.96	4.92E-02	1.00E+00	1.91	1.50E-02	3.86E-01
USP2	-0.40	5.44E-01	1.00E+00	1.04	1.50E-02	3.86E-01
AL354920.1	-0.80	8.64E-02	1.00E+00	-1.03	1.51E-02	3.86E-01
ATF5	0.00	9.94E-01	1.00E+00	1.32	1.51E-02	3.86E-01
CATSPER2P1	-0.33	4.73E-01	1.00E+00	-0.84	1.51E-02	3.86E-01
MIR4653	-3.27	2.82E-02	9.75E-01	1.39	1.52E-02	3.86E-01

LHFPL2	0.19	6.67E-01	1.00E+00	1.50	1.52E-02	3.86E-01
SRSF2	-0.04	8.67E-01	1.00E+00	-0.57	1.52E-02	3.86E-01
FOXI3	-1.04	4.46E-01	1.00E+00	-3.70	1.52E-02	3.86E-01
NFYC-AS1	-2.58	1.28E-01	1.00E+00	-2.60	1.52E-02	3.86E-01
RAPGEF2	0.07	8.51E-01	1.00E+00	0.98	1.52E-02	3.86E-01
YRDC	0.00	9.92E-01	1.00E+00	-1.14	1.53E-02	3.89E-01
UBE2L6	-0.15	7.67E-01	1.00E+00	0.93	1.53E-02	3.89E-01
MYO9B	-0.59	3.57E-02	1.00E+00	1.77	1.53E-02	3.89E-01
TSPAN9	-0.02	9.36E-01	1.00E+00	1.25	1.54E-02	3.90E-01
AL627309.1	-0.52	6.63E-01	1.00E+00	2.61	1.54E-02	3.90E-01
ABI3	-0.27	4.31E-01	1.00E+00	1.01	1.54E-02	3.90E-01
XLOC_013370	-2.78	2.17E-01	1.00E+00	-3.61	1.54E-02	3.90E-01
PIAS2	0.08	7.62E-01	1.00E+00	-0.74	1.55E-02	3.90E-01
G16357	-1.24	7.22E-03	5.15E-01	2.73	1.55E-02	3.90E-01
OR52K3P	0.29	8.48E-01	1.00E+00	2.79	1.55E-02	3.90E-01
NFATC4	0.23	5.40E-01	1.00E+00	1.46	1.56E-02	3.91E-01
PTGIR	0.06	8.90E-01	1.00E+00	1.26	1.56E-02	3.92E-01
RPS4XP22	0.54	8.31E-01	1.00E+00	-2.60	1.56E-02	3.92E-01
PSMB9	-0.31	4.91E-01	1.00E+00	0.92	1.57E-02	3.92E-01
SNX29	-0.11	6.17E-01	1.00E+00	0.84	1.57E-02	3.92E-01
FBN2	0.57	4.64E-01	1.00E+00	3.00	1.57E-02	3.92E-01
MUT	0.07	7.81E-01	1.00E+00	-0.59	1.57E-02	3.92E-01
NSUN6	-0.11	7.47E-01	1.00E+00	-0.77	1.57E-02	3.92E-01
TIMP2	0.38	4.21E-01	1.00E+00	1.38	1.57E-02	3.92E-01
ALKBH3-AS1	0.37	7.31E-01	1.00E+00	2.18	1.58E-02	3.92E-01
MIR31HG	-1.88	5.82E-01	1.00E+00	3.33	1.58E-02	3.93E-01
MYD88	-0.28	4.27E-01	1.00E+00	0.86	1.58E-02	3.93E-01
VCAN	0.12	7.70E-01	1.00E+00	1.05	1.59E-02	3.93E-01
DYNCL1I2	0.16	3.05E-01	1.00E+00	0.41	1.59E-02	3.93E-01
C1RL	-0.01	9.80E-01	1.00E+00	1.23	1.59E-02	3.93E-01
LYSMD3	0.13	6.85E-01	1.00E+00	-0.77	1.59E-02	3.93E-01
NREP	-0.25	5.77E-01	1.00E+00	0.76	1.59E-02	3.93E-01

AC012360.1	-1.60	5.08E-01	1.00E+00	-3.64	1.60E-02	3.93E-01
AF064858.2	0.98	5.90E-01	1.00E+00	3.22	1.60E-02	3.93E-01
APOBR	-0.91	6.08E-02	1.00E+00	2.49	1.60E-02	3.93E-01
FLJ42969	-3.54	1.20E-01	1.00E+00	3.29	1.60E-02	3.93E-01
ZNF300P1	0.87	1.14E-01	1.00E+00	-1.66	1.60E-02	3.93E-01
AK7	-0.11	8.38E-01	1.00E+00	-1.12	1.60E-02	3.93E-01
TMEM229B	-0.73	6.52E-02	1.00E+00	1.69	1.61E-02	3.93E-01
VN1R20P	-0.39	7.99E-01	1.00E+00	-2.92	1.61E-02	3.93E-01
SCARNA21	-2.18	4.76E-01	1.00E+00	-2.20	1.61E-02	3.93E-01
WNT9A	0.02	9.63E-01	1.00E+00	1.74	1.61E-02	3.93E-01
PARVG	-0.27	5.60E-01	1.00E+00	1.39	1.61E-02	3.93E-01
AC093700.1	-0.80	8.18E-01	1.00E+00	2.66	1.61E-02	3.93E-01
HRASLS	0.05	9.05E-01	1.00E+00	-1.56	1.62E-02	3.93E-01
RAB21	0.02	9.03E-01	1.00E+00	-0.58	1.62E-02	3.93E-01
EMP3	-0.02	9.62E-01	1.00E+00	0.64	1.62E-02	3.93E-01
GDNF-AS1	-1.04	5.16E-01	1.00E+00	2.47	1.62E-02	3.93E-01
STAM-AS1	0.79	7.65E-01	1.00E+00	1.90	1.62E-02	3.93E-01
AL109840.2	-0.87	7.94E-01	1.00E+00	2.46	1.62E-02	3.93E-01
CSPG4P11	-0.27	6.65E-01	1.00E+00	2.08	1.62E-02	3.93E-01
IL2RG	-1.04	2.08E-01	1.00E+00	1.08	1.62E-02	3.93E-01
AL359921.2	-0.34	6.66E-01	1.00E+00	1.61	1.63E-02	3.94E-01
RAB40B	0.05	7.73E-01	1.00E+00	-0.83	1.63E-02	3.94E-01
TCEA3	0.05	7.73E-01	1.00E+00	-0.83	1.63E-02	3.94E-01
DHRS4-AS1	-0.21	3.99E-01	1.00E+00	-0.60	1.63E-02	3.94E-01
MRAP2	-0.71	7.57E-02	1.00E+00	-1.68	1.64E-02	3.94E-01
PON3	-0.63	1.66E-01	1.00E+00	-1.55	1.64E-02	3.94E-01
AOAH	0.23	5.95E-01	1.00E+00	1.77	1.64E-02	3.94E-01
TMEM202-AS1	0.07	9.17E-01	1.00E+00	-1.23	1.64E-02	3.94E-01
ESD	0.06	7.35E-01	1.00E+00	-0.50	1.64E-02	3.94E-01
PLPBP	0.18	4.47E-01	1.00E+00	-0.60	1.64E-02	3.94E-01
KCNJ5	-0.09	8.51E-01	1.00E+00	2.01	1.64E-02	3.94E-01
MASP1	0.39	4.98E-01	1.00E+00	1.55	1.64E-02	3.94E-01

TRIM60P18	0.23	9.14E-01	1.00E+00	-2.73	1.65E-02	3.94E-01
RNU6-37P	0.78	4.28E-01	1.00E+00	2.50	1.65E-02	3.94E-01
TCEA1P2	-0.11	8.24E-01	1.00E+00	-0.72	1.65E-02	3.94E-01
NAALADL2	0.30	3.97E-01	1.00E+00	-0.77	1.66E-02	3.95E-01
CCR1	0.56	3.90E-01	1.00E+00	2.10	1.66E-02	3.95E-01
BHLHB9	-0.15	5.24E-01	1.00E+00	-0.98	1.66E-02	3.95E-01
U2AF2	-0.23	2.29E-01	1.00E+00	1.74	1.66E-02	3.95E-01
G41661	0.08	8.85E-01	1.00E+00	1.95	1.66E-02	3.95E-01
ALPK2	-0.34	7.04E-01	1.00E+00	2.30	1.66E-02	3.95E-01
AC139100.1	-0.53	6.10E-01	1.00E+00	-1.69	1.67E-02	3.95E-01
LCAT	0.13	7.78E-01	1.00E+00	1.22	1.67E-02	3.95E-01
PLAC8	0.33	7.45E-01	1.00E+00	1.79	1.67E-02	3.95E-01
P2RY2	-0.43	2.78E-01	1.00E+00	1.28	1.68E-02	3.96E-01
GLCCI1	0.04	9.07E-01	1.00E+00	-0.86	1.68E-02	3.97E-01
SMAD5	0.24	2.89E-01	1.00E+00	-0.45	1.68E-02	3.97E-01
KANSL1-AS1	0.11	8.50E-01	1.00E+00	-1.16	1.69E-02	3.97E-01
DSC2	-0.54	6.10E-02	1.00E+00	0.95	1.69E-02	3.97E-01
IVL	-0.14	7.97E-01	1.00E+00	2.06	1.69E-02	3.97E-01
LINC02298	-0.25	6.14E-01	1.00E+00	-1.37	1.69E-02	3.97E-01
FOXS1	0.06	9.23E-01	1.00E+00	1.15	1.69E-02	3.97E-01
CCER2	-2.22	1.20E-02	6.79E-01	-2.12	1.69E-02	3.97E-01
AP001160.3	-1.15	4.45E-01	1.00E+00	-2.60	1.69E-02	3.97E-01
SERPINH1	-0.16	6.99E-01	1.00E+00	1.08	1.69E-02	3.97E-01
HS3ST1	0.03	9.58E-01	1.00E+00	1.09	1.70E-02	3.97E-01
EIF2S2P3	3.05	1.18E-01	1.00E+00	1.83	1.71E-02	3.99E-01
FBLN7	0.97	1.12E-03	1.75E-01	1.37	1.71E-02	3.99E-01
TRBV9	-1.62	3.86E-01	1.00E+00	2.36	1.72E-02	4.01E-01
LAPTM5	-0.17	4.62E-01	1.00E+00	1.29	1.72E-02	4.02E-01
LNCAROD	1.37	1.85E-01	1.00E+00	2.75	1.72E-02	4.02E-01
AC005618.1	-0.19	7.91E-01	1.00E+00	-2.09	1.73E-02	4.02E-01
CYP1B1	-0.22	6.36E-01	1.00E+00	0.78	1.73E-02	4.02E-01
FN1	-0.14	7.75E-01	1.00E+00	1.53	1.73E-02	4.02E-01

ARHGAP9	-0.73	2.53E-01	1.00E+00	1.16	1.73E-02	4.02E-01
AC067945.1	0.28	8.74E-01	1.00E+00	2.04	1.74E-02	4.02E-01
MMP2	0.31	5.71E-01	1.00E+00	1.46	1.74E-02	4.02E-01
AC073335.2	-0.82	4.09E-01	1.00E+00	2.03	1.74E-02	4.02E-01
AL078590.2	-0.36	8.13E-01	1.00E+00	2.14	1.74E-02	4.02E-01
ARSA	-0.26	4.75E-01	1.00E+00	1.01	1.74E-02	4.02E-01
AC018523.1	30.00	6.59E-18	5.54E-15	-1.78	1.75E-02	4.02E-01
APOBEC3C	-0.36	1.98E-01	1.00E+00	0.51	1.75E-02	4.02E-01
REST	0.26	1.34E-01	1.00E+00	-0.68	1.75E-02	4.03E-01
ZBTB20-AS4	1.16	3.59E-01	1.00E+00	-1.97	1.75E-02	4.03E-01
FAM89A	0.36	3.24E-01	1.00E+00	-1.47	1.75E-02	4.03E-01
HLA-DPB2	-1.03	7.43E-01	1.00E+00	1.88	1.76E-02	4.04E-01
SLC38A7	-0.19	4.48E-01	1.00E+00	0.73	1.76E-02	4.04E-01
RP11-423O2.5	-0.20	7.56E-01	1.00E+00	-0.96	1.76E-02	4.04E-01
IGKV6-21	2.81	8.25E-02	1.00E+00	2.70	1.76E-02	4.04E-01
AC005831.1	-0.92	6.60E-01	1.00E+00	-2.41	1.76E-02	4.04E-01
KRT17	-0.84	1.44E-01	1.00E+00	1.72	1.77E-02	4.04E-01
KCNK2	0.01	9.86E-01	1.00E+00	1.47	1.77E-02	4.04E-01
AC104986.2	0.18	7.61E-01	1.00E+00	-1.09	1.77E-02	4.04E-01
TGFB2-AS1	-0.57	3.33E-01	1.00E+00	1.26	1.78E-02	4.05E-01
CD163	-0.25	6.03E-01	1.00E+00	1.81	1.78E-02	4.05E-01
STAC3	-0.78	9.33E-02	1.00E+00	2.40	1.78E-02	4.05E-01
AP001206.1	-1.10	7.53E-01	1.00E+00	-3.88	1.78E-02	4.05E-01
BISPR	-0.92	1.78E-01	1.00E+00	1.46	1.79E-02	4.05E-01
CHST11	-0.46	5.46E-02	1.00E+00	2.03	1.79E-02	4.05E-01
UBE2SP1	-0.98	6.75E-01	1.00E+00	-2.61	1.79E-02	4.05E-01
AL021155.2	-3.54	1.09E-02	6.43E-01	-1.88	1.79E-02	4.05E-01
ZNF697	0.25	5.57E-01	1.00E+00	1.48	1.79E-02	4.06E-01
TRIM21	-0.13	7.98E-01	1.00E+00	0.90	1.80E-02	4.06E-01
AL355994.2	-2.69	4.91E-02	1.00E+00	-3.18	1.80E-02	4.06E-01
DLG4	-0.44	3.79E-01	1.00E+00	2.54	1.80E-02	4.06E-01
MNX1	-0.30	8.21E-01	1.00E+00	-3.27	1.81E-02	4.06E-01

SMOX	0.01	9.90E-01	1.00E+00	1.14	1.81E-02	4.06E-01
AL157838.1	0.19	8.62E-01	1.00E+00	2.61	1.81E-02	4.06E-01
IGF2BP2	-0.18	6.80E-01	1.00E+00	1.21	1.81E-02	4.06E-01
PIGX	0.08	7.13E-01	1.00E+00	-1.00	1.81E-02	4.06E-01
PLA2G12AP1	-0.63	6.66E-01	1.00E+00	-1.94	1.81E-02	4.06E-01
ZNF420	0.33	3.85E-01	1.00E+00	-0.97	1.81E-02	4.06E-01
SNX12	0.08	6.23E-01	1.00E+00	1.03	1.81E-02	4.06E-01
ALDH3B1	0.13	7.34E-01	1.00E+00	0.97	1.82E-02	4.07E-01
KCNAB2	-0.27	2.00E-01	1.00E+00	1.45	1.82E-02	4.08E-01
AL451060.1	-1.43	2.00E-01	1.00E+00	-1.34	1.83E-02	4.08E-01
SDR42E2	-2.94	6.71E-02	1.00E+00	-2.24	1.83E-02	4.08E-01
PDE6A	0.97	5.15E-01	1.00E+00	-2.35	1.83E-02	4.08E-01
TGFBI	-0.08	7.62E-01	1.00E+00	0.79	1.83E-02	4.08E-01
AC128709.2	-0.92	6.47E-01	1.00E+00	-2.73	1.83E-02	4.08E-01
GRINA	-0.09	7.14E-01	1.00E+00	1.07	1.83E-02	4.08E-01
COL6A3	-0.40	3.98E-01	1.00E+00	1.64	1.84E-02	4.08E-01
AGPAT4	0.10	7.97E-01	1.00E+00	1.08	1.84E-02	4.08E-01
GPSM2	0.00	9.91E-01	1.00E+00	-1.11	1.84E-02	4.08E-01
SPG21	0.17	3.17E-01	1.00E+00	-0.85	1.85E-02	4.08E-01
IFIT3	-0.40	6.13E-01	1.00E+00	1.61	1.85E-02	4.08E-01
SHC1	-0.01	9.68E-01	1.00E+00	0.81	1.85E-02	4.08E-01
RHOJ	0.09	8.18E-01	1.00E+00	0.92	1.85E-02	4.08E-01
PPP1R14BP3	0.25	6.44E-01	1.00E+00	-1.13	1.85E-02	4.09E-01
PDK2	0.07	7.85E-01	1.00E+00	-0.63	1.85E-02	4.09E-01
TFPT	0.07	7.54E-01	1.00E+00	0.69	1.86E-02	4.09E-01
XLOC_000271	-1.45	2.44E-01	1.00E+00	1.83	1.86E-02	4.09E-01
EGFEM1P	0.26	9.39E-01	1.00E+00	-4.49	1.87E-02	4.10E-01
ECHS1	0.30	4.41E-01	1.00E+00	-0.71	1.87E-02	4.10E-01
SLC30A5	0.32	2.32E-01	1.00E+00	-0.81	1.87E-02	4.10E-01
TRMT12	0.20	3.09E-01	1.00E+00	0.59	1.87E-02	4.10E-01
NDUFB1	-0.05	8.70E-01	1.00E+00	-1.05	1.87E-02	4.10E-01
AC005014.2	-1.69	6.19E-01	1.00E+00	-3.71	1.88E-02	4.10E-01

MDFI	0.30	6.36E-01	1.00E+00	1.81	1.88E-02	4.10E-01
BTN3A3	0.03	9.55E-01	1.00E+00	1.11	1.88E-02	4.10E-01
NEFL	-2.60	4.20E-01	1.00E+00	1.85	1.88E-02	4.10E-01
SGIP1	0.13	8.71E-01	1.00E+00	1.75	1.88E-02	4.10E-01
NNMT	0.30	4.21E-01	1.00E+00	1.26	1.88E-02	4.10E-01
AC140479.7	-0.27	9.38E-01	1.00E+00	3.92	1.88E-02	4.10E-01
MBD1	-0.04	8.74E-01	1.00E+00	0.58	1.89E-02	4.10E-01
PPIAP22	-0.25	2.81E-01	1.00E+00	-0.51	1.89E-02	4.11E-01
CCR7	-0.65	3.55E-01	1.00E+00	1.99	1.91E-02	4.15E-01
ZNF394	-0.05	8.32E-01	1.00E+00	0.30	1.91E-02	4.15E-01
RNLS	-0.07	7.17E-01	1.00E+00	-0.67	1.92E-02	4.16E-01
NDUFAF3	0.06	8.07E-01	1.00E+00	-0.70	1.92E-02	4.16E-01
HSF2	-0.26	3.59E-01	1.00E+00	-0.78	1.93E-02	4.17E-01
FOXD4	-1.89	3.43E-01	1.00E+00	3.59	1.93E-02	4.17E-01
AC012236.1	0.93	7.24E-01	1.00E+00	2.87	1.93E-02	4.17E-01
DNAH8	-3.77	2.35E-02	9.15E-01	-2.91	1.93E-02	4.17E-01
AC104692.1	-0.13	9.70E-01	1.00E+00	3.46	1.94E-02	4.18E-01
CD53	-0.05	9.09E-01	1.00E+00	1.41	1.94E-02	4.18E-01
USF2	-0.16	4.38E-01	1.00E+00	1.36	1.94E-02	4.18E-01
CD72	-1.88	1.16E-02	6.66E-01	2.04	1.95E-02	4.20E-01
AL033397.2	0.50	6.64E-01	1.00E+00	-2.31	1.96E-02	4.21E-01
MRPL33	0.24	3.57E-01	1.00E+00	-0.99	1.96E-02	4.21E-01
MFGE8	-0.10	8.11E-01	1.00E+00	0.93	1.97E-02	4.22E-01
CLEC11A	-0.27	5.15E-01	1.00E+00	0.78	1.97E-02	4.22E-01
HFE	0.14	6.78E-01	1.00E+00	0.86	1.98E-02	4.24E-01
AC010809.1	-2.19	2.48E-01	1.00E+00	2.27	1.98E-02	4.24E-01
MYO1F	-0.14	6.89E-01	1.00E+00	1.77	1.99E-02	4.24E-01
AL359915.2	0.20	6.91E-01	1.00E+00	0.74	1.99E-02	4.24E-01
RAD9A	-0.15	5.21E-01	1.00E+00	0.58	2.00E-02	4.24E-01
SSH1	0.18	2.47E-01	1.00E+00	1.16	2.00E-02	4.24E-01
PIK3CD	0.11	7.66E-01	1.00E+00	1.58	2.00E-02	4.24E-01
AL392172.1	-0.05	9.14E-01	1.00E+00	-0.90	2.00E-02	4.24E-01

LUARIS	0.43	9.01E-01	1.00E+00	4.19	2.01E-02	4.24E-01
TRGV7	-1.73	4.61E-01	1.00E+00	2.11	2.01E-02	4.24E-01
THEMIS	-0.73	3.47E-01	1.00E+00	2.14	2.01E-02	4.24E-01
AC138951.1	-2.70	8.37E-02	1.00E+00	-1.83	2.01E-02	4.24E-01
WISP2	1.37	1.29E-02	7.15E-01	1.26	2.01E-02	4.24E-01
AC004706.3	-0.49	4.96E-01	1.00E+00	4.07	2.01E-02	4.24E-01
CAMTA1	-0.20	3.99E-01	1.00E+00	-0.70	2.01E-02	4.24E-01
UBXN11	0.20	4.10E-01	1.00E+00	0.54	2.01E-02	4.24E-01
AC069213.3	NA	NA	NA	-2.06	2.01E-02	4.24E-01
KCNJ10	-4.26	8.52E-04	1.48E-01	3.17	2.01E-02	4.24E-01
PTPRE	-0.23	3.45E-01	1.00E+00	0.84	2.01E-02	4.24E-01
RPL23AP58	0.85	8.00E-01	1.00E+00	-3.47	2.02E-02	4.25E-01
TNFSF13	0.44	2.77E-01	1.00E+00	0.90	2.02E-02	4.25E-01
LUCAT1	0.69	2.88E-01	1.00E+00	1.61	2.02E-02	4.25E-01
WDR45	-0.08	7.10E-01	1.00E+00	0.38	2.02E-02	4.25E-01
NRXN2	0.14	8.59E-01	1.00E+00	1.98	2.03E-02	4.25E-01
ADGRF5P1	-2.90	2.91E-02	9.89E-01	-2.54	2.03E-02	4.26E-01
XLOC_012579	-0.18	8.46E-01	1.00E+00	1.57	2.03E-02	4.27E-01
LTBP3	0.23	5.55E-01	1.00E+00	1.04	2.04E-02	4.27E-01
PEX7	-0.01	9.83E-01	1.00E+00	-0.84	2.04E-02	4.27E-01
ZBED5	0.13	5.94E-01	1.00E+00	-0.47	2.05E-02	4.27E-01
THOC7	-0.13	5.05E-01	1.00E+00	-0.52	2.05E-02	4.27E-01
XLOC_008417	-0.44	7.48E-01	1.00E+00	-3.42	2.05E-02	4.27E-01
MTRNR2L3	1.36	6.93E-01	1.00E+00	2.99	2.05E-02	4.27E-01
AC012181.1	-2.44	2.02E-01	1.00E+00	2.16	2.05E-02	4.27E-01
TRBV5-1	-1.94	1.79E-01	1.00E+00	2.18	2.05E-02	4.27E-01
ODF3B	-0.15	8.06E-01	1.00E+00	0.91	2.06E-02	4.28E-01
MGAT5	0.03	9.19E-01	1.00E+00	1.31	2.06E-02	4.28E-01
XLOC_008020	-0.24	7.43E-01	1.00E+00	1.86	2.06E-02	4.28E-01
LLGL1	-0.18	4.51E-01	1.00E+00	1.75	2.06E-02	4.28E-01
PTPRJ	0.22	5.72E-01	1.00E+00	1.54	2.06E-02	4.28E-01
AC007216.4	-1.59	3.63E-01	1.00E+00	2.53	2.07E-02	4.28E-01

AC103691.1	0.25	8.96E-01	1.00E+00	-1.76	2.07E-02	4.28E-01
EIF3CL	-0.24	5.89E-01	1.00E+00	-0.61	2.07E-02	4.28E-01
AREG	-0.78	4.24E-01	1.00E+00	1.22	2.08E-02	4.28E-01
RNF180	-0.18	4.60E-01	1.00E+00	-0.86	2.08E-02	4.28E-01
RSAD2	-0.08	9.50E-01	1.00E+00	1.95	2.08E-02	4.28E-01
IGKV3-7	NA	NA	NA	5.46	2.08E-02	4.28E-01
FMO5	0.33	4.47E-01	1.00E+00	-0.93	2.08E-02	4.28E-01
RPS19P3	-0.11	9.58E-01	1.00E+00	-1.51	2.09E-02	4.28E-01
G895	0.34	6.37E-01	1.00E+00	2.31	2.09E-02	4.28E-01
LCT	-0.26	9.27E-01	1.00E+00	-3.38	2.09E-02	4.28E-01
SCOC-AS1	0.26	7.57E-01	1.00E+00	-1.14	2.09E-02	4.28E-01
AC026412.1	-0.53	1.08E-01	1.00E+00	-1.16	2.09E-02	4.29E-01
PLCXD2	0.66	1.29E-01	1.00E+00	1.66	2.10E-02	4.30E-01
IGLV3-10	30.00	3.93E-19	5.54E-15	3.17	2.10E-02	4.30E-01
4-Mar	-1.26	2.80E-01	1.00E+00	3.62	2.10E-02	4.30E-01
NPC1	0.32	1.93E-01	1.00E+00	0.64	2.10E-02	4.30E-01
ATRN1	-0.47	6.62E-01	1.00E+00	-2.49	2.11E-02	4.30E-01
MPV17L	-0.24	6.40E-01	1.00E+00	-1.10	2.11E-02	4.31E-01
KRT77	0.32	4.45E-01	1.00E+00	-1.55	2.11E-02	4.31E-01
G10734	0.15	7.43E-01	1.00E+00	-1.81	2.12E-02	4.31E-01
FHOD1	0.01	9.84E-01	1.00E+00	1.33	2.12E-02	4.32E-01
NDNF	0.16	7.78E-01	1.00E+00	-1.50	2.12E-02	4.32E-01
AP2S1	-0.13	4.93E-01	1.00E+00	0.53	2.14E-02	4.35E-01
CHCHD7	0.05	8.15E-01	1.00E+00	-0.62	2.15E-02	4.36E-01
RASA4DP	-0.42	6.41E-01	1.00E+00	1.59	2.15E-02	4.36E-01
C9orf139	-2.16	1.10E-01	1.00E+00	1.55	2.15E-02	4.36E-01
REEP6	-0.22	5.46E-01	1.00E+00	-0.76	2.15E-02	4.36E-01
FAM83A	-0.87	6.23E-02	1.00E+00	2.01	2.15E-02	4.36E-01
KPNA5	0.31	2.47E-01	1.00E+00	-0.68	2.16E-02	4.36E-01
IGLV4-60	1.83	5.90E-01	1.00E+00	5.75	2.16E-02	4.36E-01
SEPSECS-AS1	0.68	2.32E-01	1.00E+00	-1.10	2.16E-02	4.36E-01
TOR1B	0.21	3.05E-01	1.00E+00	0.52	2.17E-02	4.36E-01

ZNF618	-0.48	6.66E-02	1.00E+00	1.15	2.17E-02	4.36E-01
AK3	0.14	4.72E-01	1.00E+00	-0.58	2.17E-02	4.36E-01
GPR62	-0.49	5.32E-01	1.00E+00	-2.21	2.17E-02	4.36E-01
CSNK1G1	0.03	8.91E-01	1.00E+00	0.60	2.17E-02	4.36E-01
COL14A1	0.03	9.53E-01	1.00E+00	1.43	2.17E-02	4.36E-01
FAM120AOS	0.17	3.61E-01	1.00E+00	-0.48	2.18E-02	4.36E-01
CCZ1	-0.43	1.72E-01	1.00E+00	-1.19	2.18E-02	4.36E-01
RCHY1	0.44	1.37E-01	1.00E+00	-0.81	2.18E-02	4.37E-01
AL162726.3	-0.16	9.62E-01	1.00E+00	2.36	2.18E-02	4.37E-01
ACVRL1	0.49	2.01E-01	1.00E+00	1.50	2.19E-02	4.38E-01
GLIPR1	-0.35	4.03E-01	1.00E+00	0.77	2.19E-02	4.38E-01
KLK6	-2.15	4.07E-01	1.00E+00	1.99	2.19E-02	4.38E-01
AL035563.1	-0.39	5.34E-01	1.00E+00	-1.43	2.20E-02	4.38E-01
DLL3	-0.82	7.37E-01	1.00E+00	-2.67	2.20E-02	4.38E-01
CARNMT1	-0.11	7.25E-01	1.00E+00	-0.65	2.20E-02	4.38E-01
PEAK3	1.41	8.44E-02	1.00E+00	2.21	2.20E-02	4.38E-01
PBX3	-0.08	7.56E-01	1.00E+00	-0.55	2.20E-02	4.38E-01
CFHR5	-0.80	8.18E-01	1.00E+00	4.42	2.21E-02	4.39E-01
PTPRD	-0.69	2.36E-01	1.00E+00	1.07	2.21E-02	4.39E-01
LINC02580	-0.03	9.70E-01	1.00E+00	-1.08	2.21E-02	4.39E-01
MS4A6A	0.25	6.41E-01	1.00E+00	0.96	2.22E-02	4.40E-01
ZNF534	-2.91	1.66E-01	1.00E+00	-2.99	2.22E-02	4.40E-01
RETREG1	0.35	3.38E-01	1.00E+00	-0.65	2.22E-02	4.40E-01
LRRC25	-0.10	8.76E-01	1.00E+00	1.53	2.23E-02	4.40E-01
RHOH	0.20	7.33E-01	1.00E+00	1.44	2.23E-02	4.40E-01
METTL27	0.14	8.51E-01	1.00E+00	1.16	2.23E-02	4.40E-01
CCNH	0.01	9.52E-01	1.00E+00	-0.83	2.23E-02	4.40E-01
AC011595.1	0.75	6.41E-01	1.00E+00	-2.64	2.23E-02	4.40E-01
TRIM5	-0.27	5.37E-01	1.00E+00	0.77	2.24E-02	4.40E-01
COL4A1	0.19	7.72E-01	1.00E+00	1.82	2.24E-02	4.41E-01
EME2	-0.21	6.54E-01	1.00E+00	1.49	2.24E-02	4.41E-01
NEK10	-0.18	8.85E-01	1.00E+00	-2.17	2.25E-02	4.41E-01

PNRC1	-0.39	2.09E-01	1.00E+00	-1.24	2.25E-02	4.41E-01
ADAP2	-0.23	5.27E-01	1.00E+00	0.85	2.25E-02	4.41E-01
TRBC2	-0.52	3.52E-01	1.00E+00	1.37	2.25E-02	4.41E-01
TIPRL	-0.06	7.82E-01	1.00E+00	-0.38	2.25E-02	4.41E-01
SELPLG	-0.25	5.49E-01	1.00E+00	1.23	2.25E-02	4.41E-01
XLOC_001823	-0.74	8.29E-01	1.00E+00	-2.57	2.25E-02	4.41E-01
TRAV20	-1.64	6.25E-01	1.00E+00	3.27	2.26E-02	4.41E-01
RNASE6	-0.30	5.21E-01	1.00E+00	0.83	2.26E-02	4.41E-01
MXRA5	-0.37	2.12E-01	1.00E+00	1.34	2.26E-02	4.42E-01
CXCL8	-2.83	6.89E-02	1.00E+00	2.13	2.27E-02	4.42E-01
FAT1	-0.37	2.42E-01	1.00E+00	1.03	2.27E-02	4.42E-01
DECR1	-0.02	9.44E-01	1.00E+00	-0.54	2.27E-02	4.42E-01
CAV2	0.26	4.83E-01	1.00E+00	-0.87	2.27E-02	4.42E-01
MGAT3	0.03	9.45E-01	1.00E+00	1.74	2.28E-02	4.42E-01
NUTM2A-AS1	-0.19	5.82E-01	1.00E+00	-0.55	2.28E-02	4.42E-01
AC009299.2	0.90	5.63E-01	1.00E+00	1.71	2.28E-02	4.42E-01
FXYD5	-0.33	2.16E-01	1.00E+00	0.77	2.28E-02	4.42E-01
SIGLEC14	-0.08	9.31E-01	1.00E+00	2.25	2.28E-02	4.43E-01
SERTAD4	-0.03	9.05E-01	1.00E+00	-0.80	2.29E-02	4.43E-01
MX1	-0.02	9.77E-01	1.00E+00	1.51	2.29E-02	4.43E-01
SPHK1	-0.29	8.39E-02	1.00E+00	1.40	2.29E-02	4.43E-01
IGLV7-43	-0.15	9.36E-01	1.00E+00	3.90	2.29E-02	4.43E-01
TDRD5	-0.14	8.98E-01	1.00E+00	-1.97	2.30E-02	4.43E-01
SNX29P1	1.74	4.08E-01	1.00E+00	2.56	2.30E-02	4.43E-01
PROX1	-0.16	7.37E-01	1.00E+00	1.20	2.30E-02	4.43E-01
HIST2H3D	-1.60	1.71E-01	1.00E+00	-2.69	2.30E-02	4.43E-01
DCST2	-0.09	8.73E-01	1.00E+00	1.21	2.30E-02	4.43E-01
RLN2	1.16	1.29E-01	1.00E+00	-1.73	2.31E-02	4.43E-01
AC026310.2	NA	NA	NA	4.91	2.31E-02	4.43E-01
FBXO27	0.37	3.12E-01	1.00E+00	-0.92	2.31E-02	4.43E-01
ADGRB2	-0.39	5.78E-01	1.00E+00	1.75	2.31E-02	4.43E-01
POU6F2	1.13	3.40E-01	1.00E+00	-2.40	2.31E-02	4.43E-01

AL355309.1	-2.56	4.53E-01	1.00E+00	-1.99	2.31E-02	4.43E-01
SLC15A3	0.16	7.44E-01	1.00E+00	2.05	2.32E-02	4.43E-01
AC073569.1	0.67	7.10E-01	1.00E+00	2.05	2.32E-02	4.43E-01
MDH1	0.04	7.99E-01	1.00E+00	-0.85	2.32E-02	4.43E-01
AL359258.3	-1.28	5.21E-01	1.00E+00	-2.28	2.32E-02	4.43E-01
AC090587.1	-1.81	2.51E-01	1.00E+00	-1.56	2.32E-02	4.43E-01
AC098820.1	-0.85	8.05E-01	1.00E+00	-2.87	2.33E-02	4.44E-01
ALOX15B	-0.14	7.38E-01	1.00E+00	-1.43	2.33E-02	4.44E-01
ACP6	-0.20	5.94E-01	1.00E+00	-1.00	2.34E-02	4.45E-01
LRRC1	-0.01	9.79E-01	1.00E+00	-0.83	2.34E-02	4.45E-01
GGT1	0.48	4.55E-01	1.00E+00	1.10	2.35E-02	4.45E-01
NT5E	0.38	3.69E-01	1.00E+00	1.06	2.35E-02	4.45E-01
GCSHP5	-0.46	6.19E-01	1.00E+00	-1.24	2.35E-02	4.45E-01
ACOT11	-0.74	1.07E-01	1.00E+00	1.62	2.35E-02	4.45E-01
ACRV1	-1.95	2.18E-01	1.00E+00	1.94	2.35E-02	4.45E-01
NLRP7	0.90	7.96E-01	1.00E+00	3.48	2.35E-02	4.45E-01
HMGB1P51	0.56	8.71E-01	1.00E+00	2.60	2.36E-02	4.45E-01
CHMP4B	-0.11	6.21E-01	1.00E+00	1.69	2.36E-02	4.45E-01
AC023509.4	0.83	4.10E-01	1.00E+00	-1.00	2.36E-02	4.45E-01
PILRA	-0.98	4.69E-02	1.00E+00	1.59	2.36E-02	4.46E-01
FIGNL2	0.21	7.88E-01	1.00E+00	3.15	2.37E-02	4.47E-01
IGHJ5	1.29	7.08E-01	1.00E+00	3.38	2.37E-02	4.47E-01
LINC00237	-1.87	2.37E-01	1.00E+00	-2.80	2.38E-02	4.47E-01
CR392039.2	1.86	3.59E-02	1.00E+00	-2.20	2.38E-02	4.47E-01
AL359397.1	-1.86	5.88E-01	1.00E+00	-2.43	2.38E-02	4.47E-01
G42437	1.80	6.00E-01	1.00E+00	-3.60	2.39E-02	4.47E-01
TNFAIP6	0.14	8.06E-01	1.00E+00	1.25	2.39E-02	4.47E-01
JOSD2	-0.20	4.79E-01	1.00E+00	0.57	2.39E-02	4.47E-01
AL049597.2	0.20	7.37E-01	1.00E+00	-1.04	2.39E-02	4.47E-01
KLHL31	2.28	2.25E-02	9.03E-01	-1.75	2.39E-02	4.47E-01
SHISA5	0.17	6.44E-01	1.00E+00	0.64	2.39E-02	4.47E-01
LINC00239	-0.17	8.38E-01	1.00E+00	-1.60	2.39E-02	4.47E-01

CRLS1	0.24	2.03E-01	1.00E+00	-1.50	2.39E-02	4.47E-01
ROCR	-0.99	3.51E-01	1.00E+00	-1.66	2.40E-02	4.47E-01
TRAV29DV5	0.59	7.33E-01	1.00E+00	2.09	2.40E-02	4.47E-01
HCK	-0.52	2.45E-01	1.00E+00	1.26	2.40E-02	4.47E-01
HDDC2	0.00	9.91E-01	1.00E+00	-0.49	2.40E-02	4.47E-01
CDH11	-0.24	5.26E-01	1.00E+00	1.02	2.40E-02	4.47E-01
SUCLG1	0.06	6.58E-01	1.00E+00	-0.41	2.40E-02	4.47E-01
ADAMTS7	-0.10	8.80E-01	1.00E+00	1.93	2.41E-02	4.47E-01
AL139147.1	0.92	7.41E-01	1.00E+00	4.03	2.41E-02	4.48E-01
XLOC_011313	-0.35	5.52E-01	1.00E+00	1.33	2.42E-02	4.48E-01
MT-TC	0.91	6.67E-01	1.00E+00	-1.74	2.42E-02	4.48E-01
SLC24A2	2.19	5.12E-01	1.00E+00	2.74	2.42E-02	4.49E-01
FAM96AP2	-0.98	2.76E-01	1.00E+00	1.70	2.43E-02	4.49E-01
SYN2	0.01	9.90E-01	1.00E+00	-1.50	2.43E-02	4.49E-01
TNFRSF17	1.63	5.20E-01	1.00E+00	3.08	2.43E-02	4.49E-01
AC098828.1	-1.10	7.53E-01	1.00E+00	-2.62	2.43E-02	4.49E-01
ANTXR1	0.04	8.72E-01	1.00E+00	0.92	2.43E-02	4.49E-01
OSER1-DT	-0.14	6.44E-01	1.00E+00	-0.85	2.44E-02	4.49E-01
HSP90AB4P	0.30	8.86E-01	1.00E+00	1.92	2.44E-02	4.49E-01
FAM78A	0.15	7.73E-01	1.00E+00	2.18	2.45E-02	4.51E-01
PTGDS	-1.98	8.16E-02	1.00E+00	1.26	2.45E-02	4.51E-01
STAT1	-0.06	9.06E-01	1.00E+00	1.23	2.46E-02	4.51E-01
PNRC2P1	-2.31	2.42E-01	1.00E+00	-1.06	2.46E-02	4.51E-01
UBA7	0.14	7.63E-01	1.00E+00	1.12	2.46E-02	4.51E-01
HLTF	0.26	4.72E-01	1.00E+00	-0.60	2.46E-02	4.51E-01
ELOVL5	0.98	1.12E-01	1.00E+00	-1.34	2.46E-02	4.51E-01
FOXN3	0.06	7.81E-01	1.00E+00	-0.54	2.46E-02	4.51E-01
AEBP1	0.24	6.54E-01	1.00E+00	1.55	2.47E-02	4.52E-01
FBXL22	-0.45	3.40E-01	1.00E+00	-1.11	2.47E-02	4.52E-01
SDHD	0.03	9.05E-01	1.00E+00	-1.08	2.47E-02	4.52E-01
TBXAS1	-0.10	8.49E-01	1.00E+00	1.29	2.48E-02	4.52E-01
AC097059.2	1.15	6.28E-01	1.00E+00	3.62	2.48E-02	4.52E-01

SNX20	-0.70	3.10E-01	1.00E+00	1.73	2.48E-02	4.52E-01
GABRB1	-0.82	6.71E-01	1.00E+00	-2.87	2.48E-02	4.52E-01
INKA2-AS1	-2.86	4.00E-01	1.00E+00	-2.65	2.49E-02	4.52E-01
PNP	-0.86	7.93E-02	1.00E+00	0.73	2.49E-02	4.52E-01
AC116651.1	-1.04	7.46E-01	1.00E+00	-2.68	2.49E-02	4.52E-01
CLCF1	-1.25	2.88E-02	9.88E-01	1.49	2.49E-02	4.52E-01
DIO2	-0.28	4.78E-01	1.00E+00	1.19	2.49E-02	4.52E-01
NID1	0.47	3.02E-01	1.00E+00	1.32	2.49E-02	4.52E-01
HAVCR2	0.49	3.81E-01	1.00E+00	1.38	2.50E-02	4.52E-01
PKD1P1	-0.50	2.20E-01	1.00E+00	2.01	2.50E-02	4.52E-01
PRRT3-AS1	1.67	1.41E-01	1.00E+00	-1.52	2.50E-02	4.52E-01
CCDC58	0.00	9.93E-01	1.00E+00	-1.16	2.50E-02	4.52E-01
AC011005.1	-0.30	8.40E-01	1.00E+00	-1.31	2.51E-02	4.54E-01
TBC1D16	0.36	4.11E-01	1.00E+00	0.96	2.52E-02	4.54E-01
TRAV13-2	1.38	5.93E-01	1.00E+00	2.81	2.52E-02	4.54E-01
TNFSF10	-0.09	8.42E-01	1.00E+00	0.79	2.52E-02	4.54E-01
1-Mar	-0.06	8.92E-01	1.00E+00	1.16	2.53E-02	4.54E-01
G39123	1.57	6.35E-01	1.00E+00	-2.41	2.53E-02	4.54E-01
PLPPR4	-0.32	4.80E-01	1.00E+00	0.91	2.53E-02	4.54E-01
AC231533.2	-1.37	6.93E-01	1.00E+00	-1.59	2.53E-02	4.54E-01
AC104758.2	-0.50	7.47E-01	1.00E+00	2.59	2.53E-02	4.54E-01
USP3-AS1	-0.64	6.85E-01	1.00E+00	-1.95	2.53E-02	4.55E-01
AC020763.3	-2.46	4.32E-02	1.00E+00	2.14	2.54E-02	4.55E-01
JTB	-0.24	6.39E-01	1.00E+00	-1.38	2.54E-02	4.55E-01
AP003390.1	0.26	6.45E-01	1.00E+00	1.45	2.54E-02	4.55E-01
STX5	-0.04	7.57E-01	1.00E+00	0.34	2.54E-02	4.55E-01
AC211433.1	1.29	7.02E-01	1.00E+00	2.26	2.54E-02	4.55E-01
ZNF529-AS1	0.12	8.29E-01	1.00E+00	-0.93	2.54E-02	4.55E-01
TRAV12-2	-2.36	1.69E-01	1.00E+00	2.40	2.55E-02	4.55E-01
IL15RA	0.34	3.55E-01	1.00E+00	0.82	2.55E-02	4.55E-01
AC009078.3	2.08	7.70E-02	1.00E+00	-3.08	2.55E-02	4.55E-01
PSMB10	-0.52	1.09E-01	1.00E+00	0.77	2.55E-02	4.55E-01

XLOC_006336	-0.69	4.24E-01	1.00E+00	1.33	2.56E-02	4.55E-01
IFI35	0.14	7.81E-01	1.00E+00	1.03	2.56E-02	4.55E-01
PIK3AP1	0.44	4.54E-01	1.00E+00	1.65	2.56E-02	4.55E-01
TRAV21	0.60	6.17E-01	1.00E+00	2.05	2.56E-02	4.55E-01
ZSCAN4	1.16	3.36E-01	1.00E+00	-3.48	2.56E-02	4.55E-01
AP001972.5	1.03	4.40E-02	1.00E+00	0.82	2.57E-02	4.56E-01
HEPH	0.29	5.02E-01	1.00E+00	1.23	2.57E-02	4.56E-01
MEGF8	0.08	8.68E-01	1.00E+00	1.45	2.57E-02	4.56E-01
NCALD	0.50	5.10E-01	1.00E+00	-0.91	2.58E-02	4.56E-01
PABPC4	-0.05	8.21E-01	1.00E+00	0.85	2.58E-02	4.56E-01
GIPC2	0.24	4.90E-01	1.00E+00	-0.88	2.58E-02	4.56E-01
CMIP	-0.32	2.13E-01	1.00E+00	1.70	2.58E-02	4.56E-01
XLOC_006166	-1.18	5.97E-01	1.00E+00	-2.02	2.58E-02	4.56E-01
MTND5P2	NA	NA	NA	2.79	2.59E-02	4.57E-01
MTURN	0.35	5.05E-01	1.00E+00	-0.94	2.59E-02	4.57E-01
MYO15B	-0.21	6.52E-01	1.00E+00	1.87	2.59E-02	4.57E-01
CEMIP2	0.32	4.47E-01	1.00E+00	1.32	2.60E-02	4.57E-01
PEX3	-0.26	4.05E-01	1.00E+00	-0.73	2.60E-02	4.58E-01
FGD3	-0.59	1.22E-01	1.00E+00	1.22	2.60E-02	4.58E-01
UBE2E2	-0.09	7.16E-01	1.00E+00	-0.58	2.61E-02	4.58E-01
GRAMD1B	-0.73	2.50E-01	1.00E+00	2.51	2.61E-02	4.58E-01
MAL2	0.28	5.27E-01	1.00E+00	-1.11	2.61E-02	4.58E-01
PLTP	0.20	6.17E-01	1.00E+00	0.88	2.62E-02	4.58E-01
CADM2	-0.36	4.89E-01	1.00E+00	-1.41	2.62E-02	4.58E-01
AL049838.1	-0.86	2.30E-01	1.00E+00	-1.55	2.62E-02	4.58E-01
SEC14L4	1.49	2.18E-01	1.00E+00	-2.50	2.62E-02	4.58E-01
SIDT2	0.13	5.45E-01	1.00E+00	0.84	2.63E-02	4.58E-01
CCDC154	-2.55	1.38E-01	1.00E+00	3.90	2.63E-02	4.58E-01
ALDOC	0.33	3.86E-01	1.00E+00	-0.90	2.63E-02	4.58E-01
HAGHL	-0.60	2.24E-01	1.00E+00	1.41	2.63E-02	4.58E-01
AC053503.2	-1.53	6.53E-01	1.00E+00	3.49	2.63E-02	4.58E-01
CCDC122	-0.42	2.99E-01	1.00E+00	-0.66	2.63E-02	4.58E-01

CD74	-0.56	7.31E-02	1.00E+00	0.80	2.64E-02	4.59E-01
LIPT1	0.10	7.64E-01	1.00E+00	-0.90	2.64E-02	4.59E-01
CSNK1E	0.10	6.94E-01	1.00E+00	0.51	2.64E-02	4.59E-01
ADGRE2	-0.09	8.65E-01	1.00E+00	1.27	2.65E-02	4.60E-01
SNHG9	0.56	5.11E-01	1.00E+00	-1.32	2.65E-02	4.60E-01
RABL3	0.11	5.97E-01	1.00E+00	-0.63	2.66E-02	4.60E-01
LINC01607	-0.14	8.98E-01	1.00E+00	-1.90	2.66E-02	4.60E-01
UBE2E3	-0.02	9.28E-01	1.00E+00	-0.60	2.66E-02	4.60E-01
AC016727.1	-0.20	6.88E-01	1.00E+00	-0.90	2.66E-02	4.60E-01
AL359317.1	-2.57	1.68E-01	1.00E+00	-2.18	2.67E-02	4.61E-01
SMAD1	0.03	8.94E-01	1.00E+00	-0.49	2.67E-02	4.61E-01
XLOC_013276	0.25	7.47E-01	1.00E+00	-1.81	2.67E-02	4.61E-01
EVL	-0.36	1.54E-01	1.00E+00	1.43	2.67E-02	4.61E-01
AC243829.4	-2.94	3.87E-01	1.00E+00	3.44	2.67E-02	4.61E-01
MYBPHL	-0.14	9.68E-01	1.00E+00	2.78	2.68E-02	4.62E-01
ZCCHC2	-0.10	7.99E-01	1.00E+00	1.00	2.69E-02	4.62E-01
PAX1	0.09	9.12E-01	1.00E+00	2.91	2.69E-02	4.62E-01
USP18	0.02	9.77E-01	1.00E+00	1.34	2.69E-02	4.63E-01
RALGPS1	-0.10	6.06E-01	1.00E+00	-0.80	2.71E-02	4.65E-01
AC104083.1	-0.47	3.74E-01	1.00E+00	1.03	2.71E-02	4.65E-01
CSMD2	-1.02	2.13E-01	1.00E+00	1.69	2.71E-02	4.65E-01
IKBKG	0.05	8.05E-01	1.00E+00	0.49	2.72E-02	4.65E-01
AC004687.1	1.00	6.32E-01	1.00E+00	3.95	2.72E-02	4.65E-01
RIN3	-0.37	2.19E-01	1.00E+00	1.33	2.72E-02	4.65E-01
RUNX1	-0.21	6.28E-01	1.00E+00	1.38	2.72E-02	4.65E-01
VAMP3	-0.13	4.21E-01	1.00E+00	-0.43	2.72E-02	4.65E-01
ZNF204P	0.38	2.86E-01	1.00E+00	-1.02	2.72E-02	4.65E-01
LY86	-1.10	1.35E-02	7.28E-01	1.06	2.73E-02	4.67E-01
AC104692.2	NA	NA	NA	4.27	2.74E-02	4.67E-01
AC068831.1	0.42	8.50E-01	1.00E+00	2.43	2.74E-02	4.67E-01
SEZ6L2	-1.80	1.43E-05	4.42E-03	1.46	2.75E-02	4.68E-01
MASTL	-0.45	1.62E-01	1.00E+00	0.78	2.75E-02	4.68E-01

TPRG1-AS1	1.88	5.87E-02	1.00E+00	-1.55	2.76E-02	4.69E-01
KIF3B	-0.01	9.69E-01	1.00E+00	0.63	2.76E-02	4.69E-01
SCGB1D2	-0.40	7.74E-01	1.00E+00	-2.04	2.76E-02	4.69E-01
ANKRD36BP2	1.14	1.15E-01	1.00E+00	-2.40	2.77E-02	4.70E-01
UBXN6	0.05	8.36E-01	1.00E+00	1.02	2.77E-02	4.70E-01
FCN1	0.93	1.21E-01	1.00E+00	1.65	2.77E-02	4.70E-01
CKLF	-0.28	9.34E-01	1.00E+00	-1.84	2.78E-02	4.70E-01
ELFN1	-1.26	3.11E-05	8.71E-03	2.20	2.78E-02	4.70E-01
LCMT2	-0.06	7.74E-01	1.00E+00	0.56	2.78E-02	4.70E-01
AC078883.2	-2.59	4.27E-01	1.00E+00	-2.50	2.78E-02	4.70E-01
COL6A1	-0.14	7.67E-01	1.00E+00	1.58	2.78E-02	4.70E-01
ULBP2	-1.25	3.45E-01	1.00E+00	1.70	2.79E-02	4.70E-01
GDNF	-0.63	3.16E-01	1.00E+00	1.79	2.79E-02	4.70E-01
HSD17B13	2.25	7.59E-04	1.35E-01	-1.86	2.79E-02	4.70E-01
FAM83A-AS1	-0.93	3.77E-01	1.00E+00	2.51	2.79E-02	4.70E-01
COL11A1	0.43	7.53E-01	1.00E+00	1.91	2.79E-02	4.70E-01
AC109826.1	2.58	1.32E-01	1.00E+00	2.55	2.79E-02	4.70E-01
XLOC_012881	-0.31	8.92E-01	1.00E+00	2.59	2.79E-02	4.70E-01
AL591806.1	-0.70	5.06E-01	1.00E+00	-2.32	2.80E-02	4.70E-01
TLR4	0.57	2.00E-01	1.00E+00	1.22	2.80E-02	4.70E-01
AL137802.2	1.31	7.05E-01	1.00E+00	-2.65	2.80E-02	4.70E-01
C2	0.00	9.95E-01	1.00E+00	1.39	2.80E-02	4.70E-01
ST20	-2.19	5.19E-01	1.00E+00	-1.38	2.80E-02	4.70E-01
PPID	0.25	3.85E-01	1.00E+00	-0.43	2.80E-02	4.70E-01
CBLB	0.54	1.04E-01	1.00E+00	0.80	2.81E-02	4.70E-01
ECHDC3	-0.25	5.12E-01	1.00E+00	-1.45	2.81E-02	4.70E-01
ATP1B3	-0.35	6.93E-02	1.00E+00	-0.67	2.81E-02	4.70E-01
DUS4L	-0.11	7.25E-01	1.00E+00	-0.54	2.82E-02	4.70E-01
OAT	-0.07	6.99E-01	1.00E+00	-0.47	2.82E-02	4.71E-01
RGCC	0.48	3.16E-01	1.00E+00	-1.45	2.82E-02	4.71E-01
TRAM2	0.25	3.82E-01	1.00E+00	1.00	2.82E-02	4.71E-01
CETN2	0.08	7.10E-01	1.00E+00	-0.43	2.83E-02	4.71E-01

AP002360.1	0.19	6.52E-01	1.00E+00	-0.82	2.83E-02	4.71E-01
GOLT1A	-0.51	6.02E-01	1.00E+00	-2.22	2.83E-02	4.71E-01
CD5L	0.59	8.51E-01	1.00E+00	4.16	2.83E-02	4.71E-01
XLOC_009145	0.11	7.86E-01	1.00E+00	-0.67	2.84E-02	4.71E-01
CALCA	-0.87	8.02E-01	1.00E+00	3.97	2.84E-02	4.71E-01
CR381653.1	-0.01	9.84E-01	1.00E+00	-0.87	2.84E-02	4.71E-01
MAFK	-0.36	1.31E-01	1.00E+00	2.14	2.84E-02	4.71E-01
SLC45A3	-0.17	6.36E-01	1.00E+00	1.22	2.85E-02	4.72E-01
NFS1	0.03	9.12E-01	1.00E+00	-0.73	2.85E-02	4.72E-01
MMP10	-1.37	6.93E-01	1.00E+00	3.68	2.86E-02	4.74E-01
AL591485.1	-0.16	6.37E-01	1.00E+00	-1.11	2.87E-02	4.74E-01
NMNAT3	0.46	1.93E-01	1.00E+00	-0.73	2.87E-02	4.74E-01
ZNF804A	-1.73	2.83E-01	1.00E+00	3.17	2.87E-02	4.74E-01
PLEKHG7	-2.19	5.23E-01	1.00E+00	2.89	2.87E-02	4.74E-01
PREX1	-0.01	9.84E-01	1.00E+00	1.63	2.88E-02	4.74E-01
NOA1	-0.32	1.68E-01	1.00E+00	0.42	2.88E-02	4.74E-01
GALNS	-0.11	7.52E-01	1.00E+00	0.92	2.88E-02	4.74E-01
DDC	-1.74	2.19E-01	1.00E+00	-3.85	2.88E-02	4.74E-01
FAM241A	0.03	9.17E-01	1.00E+00	-1.21	2.89E-02	4.74E-01
FUZ	0.11	6.94E-01	1.00E+00	0.55	2.89E-02	4.74E-01
PRAM1	-0.80	3.58E-01	1.00E+00	2.53	2.89E-02	4.74E-01
ABCG4	-1.63	8.44E-02	1.00E+00	2.86	2.89E-02	4.74E-01
RTN4IP1	-0.11	6.86E-01	1.00E+00	-0.60	2.90E-02	4.74E-01
AC084809.2	1.86	2.50E-01	1.00E+00	1.78	2.90E-02	4.74E-01
EGR2	-0.32	5.61E-01	1.00E+00	0.99	2.90E-02	4.74E-01
RTN4R	-0.30	3.65E-01	1.00E+00	-1.15	2.90E-02	4.74E-01
IFI16	-0.34	3.85E-01	1.00E+00	0.77	2.90E-02	4.74E-01
G6339	0.48	6.77E-01	1.00E+00	-2.22	2.90E-02	4.74E-01
ARTN	-0.93	2.29E-01	1.00E+00	2.61	2.90E-02	4.74E-01
AL358852.1	-2.84	7.88E-02	1.00E+00	-1.39	2.90E-02	4.74E-01
LINC00906	3.96	3.42E-02	1.00E+00	3.26	2.91E-02	4.75E-01
CR769775.1	-0.97	2.17E-01	1.00E+00	-1.37	2.91E-02	4.75E-01

USF1	0.14	5.90E-01	1.00E+00	2.04	2.92E-02	4.75E-01
GAPT	1.06	2.01E-01	1.00E+00	1.16	2.92E-02	4.75E-01
AL049637.1	1.18	7.26E-01	1.00E+00	-3.47	2.92E-02	4.75E-01
ATP5ME	0.31	3.36E-01	1.00E+00	-1.50	2.92E-02	4.75E-01
IFI6	0.29	7.87E-01	1.00E+00	1.68	2.93E-02	4.75E-01
RAB17	0.04	9.55E-01	1.00E+00	-1.12	2.93E-02	4.76E-01
CD93	0.13	8.13E-01	1.00E+00	1.39	2.93E-02	4.76E-01
SH3D21	-0.64	2.91E-02	9.89E-01	1.45	2.94E-02	4.77E-01
JOSD1	-0.15	4.17E-01	1.00E+00	1.06	2.94E-02	4.77E-01
MPC1	0.02	9.45E-01	1.00E+00	-0.67	2.94E-02	4.77E-01
CD44-AS1	-0.87	6.95E-01	1.00E+00	1.73	2.95E-02	4.77E-01
AC092135.3	2.28	1.19E-01	1.00E+00	3.39	2.96E-02	4.78E-01
MIR3687	-0.33	5.73E-01	1.00E+00	-3.33	2.96E-02	4.78E-01
AC135178.1	-0.83	4.10E-01	1.00E+00	2.01	2.96E-02	4.78E-01
YBX3P1	0.15	9.35E-01	1.00E+00	-1.71	2.96E-02	4.78E-01
SUGT1P2	-0.80	8.18E-01	1.00E+00	2.74	2.96E-02	4.78E-01
PXDN	0.79	2.43E-01	1.00E+00	1.42	2.97E-02	4.79E-01
HEXA-AS1	-1.25	1.41E-01	1.00E+00	-1.78	2.97E-02	4.79E-01
TAF11	0.38	2.01E-01	1.00E+00	0.30	2.98E-02	4.79E-01
CDK5R1	-1.17	1.91E-03	2.39E-01	1.66	2.98E-02	4.79E-01
CATSPER1	-0.45	6.17E-01	1.00E+00	1.38	2.98E-02	4.79E-01
FAM184B	-0.42	5.20E-01	1.00E+00	-1.37	2.98E-02	4.79E-01
AC080080.1	-0.43	5.52E-01	1.00E+00	-2.01	2.98E-02	4.79E-01
DDX39B	0.24	6.69E-01	1.00E+00	1.24	2.99E-02	4.79E-01
CCSER1	-0.75	1.12E-01	1.00E+00	-1.01	2.99E-02	4.79E-01
NFYB	0.32	2.59E-01	1.00E+00	-0.47	2.99E-02	4.79E-01
SUN1	-0.04	8.23E-01	1.00E+00	-0.35	2.99E-02	4.79E-01
ORAI2	0.03	9.42E-01	1.00E+00	1.37	3.00E-02	4.80E-01
ZNF92	-0.07	8.62E-01	1.00E+00	-0.94	3.00E-02	4.80E-01
LINC02487	0.58	7.24E-01	1.00E+00	2.83	3.01E-02	4.80E-01
CCL3L1	0.49	8.88E-01	1.00E+00	2.14	3.01E-02	4.82E-01
IQSEC2	-0.49	6.77E-02	1.00E+00	0.95	3.02E-02	4.83E-01

NALCN	-0.73	2.94E-01	1.00E+00	-1.69	3.03E-02	4.83E-01
SYK	0.11	6.97E-01	1.00E+00	0.80	3.03E-02	4.83E-01
TRANK1	-0.29	6.69E-01	1.00E+00	1.60	3.04E-02	4.84E-01
AC130371.2	-0.03	9.53E-01	1.00E+00	1.93	3.04E-02	4.84E-01
MAPK6	-0.11	7.76E-01	1.00E+00	0.56	3.04E-02	4.84E-01
ATAD1	0.21	3.30E-01	1.00E+00	-0.41	3.04E-02	4.84E-01
HMOX1	-0.34	5.56E-01	1.00E+00	1.16	3.04E-02	4.84E-01
AL121820.2	-1.77	6.24E-02	1.00E+00	-1.28	3.05E-02	4.84E-01
AL050327.1	2.74	4.20E-01	1.00E+00	-3.10	3.05E-02	4.84E-01
G4615	-14.72	1.70E-05	5.09E-03	-1.86	3.06E-02	4.84E-01
AC017104.5	1.03	4.54E-01	1.00E+00	-1.97	3.06E-02	4.84E-01
TMEM68	0.24	4.59E-01	1.00E+00	-0.76	3.06E-02	4.84E-01
TRDV2	-0.67	8.47E-01	1.00E+00	3.91	3.06E-02	4.84E-01
ZC3H7B	0.03	8.95E-01	1.00E+00	1.83	3.07E-02	4.86E-01
BNC2-AS1	-2.19	9.60E-03	6.08E-01	-1.43	3.07E-02	4.86E-01
XLOC_008233	-0.23	8.17E-01	1.00E+00	-1.16	3.08E-02	4.86E-01
FAM210B	-0.07	6.83E-01	1.00E+00	-0.88	3.08E-02	4.86E-01
KIAA1024	-0.06	8.97E-01	1.00E+00	2.10	3.09E-02	4.86E-01
LILRB3	-0.59	4.79E-01	1.00E+00	1.97	3.09E-02	4.86E-01
PTPA	-0.12	5.62E-01	1.00E+00	0.79	3.09E-02	4.86E-01
XLOC_003146	-1.80	6.02E-01	1.00E+00	3.73	3.09E-02	4.86E-01
AL158825.2	-1.05	3.19E-01	1.00E+00	1.43	3.09E-02	4.86E-01
RFX1	-0.27	3.88E-01	1.00E+00	1.37	3.09E-02	4.86E-01
TMC8	-0.95	8.19E-02	1.00E+00	1.51	3.09E-02	4.86E-01
TGDS	0.36	1.88E-01	1.00E+00	-0.71	3.10E-02	4.86E-01
GBGT1	0.18	7.62E-01	1.00E+00	1.67	3.10E-02	4.86E-01
IFI27	0.14	8.41E-01	1.00E+00	1.25	3.10E-02	4.86E-01
RIPOR1	-0.08	8.19E-01	1.00E+00	1.23	3.10E-02	4.86E-01
G33524	-1.32	4.53E-01	1.00E+00	2.13	3.10E-02	4.86E-01
PVT1	-0.95	6.32E-02	1.00E+00	1.13	3.11E-02	4.86E-01
AL391421.1	0.12	9.09E-01	1.00E+00	2.26	3.11E-02	4.86E-01
TMEM256	0.15	8.24E-01	1.00E+00	-1.39	3.11E-02	4.86E-01

PPARG	2.13	1.16E-02	6.66E-01	-1.44	3.11E-02	4.86E-01
SLC35C2	-0.17	2.92E-01	1.00E+00	0.23	3.12E-02	4.87E-01
CMKLR1	0.31	4.55E-01	1.00E+00	1.34	3.13E-02	4.88E-01
ICAM3	-0.84	3.84E-01	1.00E+00	1.21	3.13E-02	4.88E-01
NRROS	0.12	8.29E-01	1.00E+00	1.92	3.13E-02	4.88E-01
HESX1	-1.43	6.67E-02	1.00E+00	1.15	3.13E-02	4.88E-01
AP1S1	-0.22	5.12E-01	1.00E+00	0.90	3.13E-02	4.88E-01
ACOT7	-0.48	1.15E-01	1.00E+00	0.67	3.14E-02	4.89E-01
PRR3	-0.02	9.60E-01	1.00E+00	0.78	3.15E-02	4.89E-01
AC024361.2	0.94	5.79E-01	1.00E+00	-2.44	3.15E-02	4.90E-01
AL031123.1	-1.61	5.10E-02	1.00E+00	-1.37	3.15E-02	4.90E-01
GJB6	-0.74	6.17E-02	1.00E+00	1.51	3.16E-02	4.90E-01
TMEM176B	0.14	6.95E-01	1.00E+00	1.12	3.16E-02	4.90E-01
RNF139-AS1	-2.29	3.65E-02	1.00E+00	1.98	3.16E-02	4.90E-01
HADH	0.35	2.75E-01	1.00E+00	-0.57	3.16E-02	4.90E-01
TNFRSF21	0.34	4.19E-01	1.00E+00	1.01	3.16E-02	4.90E-01
LINC00632	1.02	1.30E-01	1.00E+00	-1.17	3.17E-02	4.90E-01
AC119427.1	0.21	6.78E-01	1.00E+00	-1.50	3.17E-02	4.90E-01
AL365356.5	-1.56	2.28E-01	1.00E+00	2.71	3.18E-02	4.91E-01
SALL4	-3.00	2.02E-02	8.85E-01	2.44	3.18E-02	4.91E-01
MT1L	-0.27	6.79E-01	1.00E+00	-0.80	3.18E-02	4.91E-01
TNFRSF10B	-0.09	7.44E-01	1.00E+00	1.16	3.19E-02	4.92E-01
SIRPA	-0.02	9.26E-01	1.00E+00	1.15	3.19E-02	4.92E-01
SCFD2	-0.21	3.68E-01	1.00E+00	-0.43	3.20E-02	4.92E-01
CYP24A1	-0.29	7.84E-01	1.00E+00	2.27	3.20E-02	4.92E-01
SUMO4	-3.51	2.65E-02	9.49E-01	1.78	3.20E-02	4.92E-01
HPCA	-3.54	2.47E-01	1.00E+00	2.76	3.21E-02	4.93E-01
NME7	-0.09	7.81E-01	1.00E+00	-0.71	3.21E-02	4.93E-01
AL353648.1	1.72	2.93E-01	1.00E+00	-4.55	3.21E-02	4.93E-01
TRIM22	0.21	7.05E-01	1.00E+00	1.14	3.21E-02	4.93E-01
HACL1	-0.09	7.43E-01	1.00E+00	-0.64	3.23E-02	4.94E-01
AIF1	-0.31	4.40E-01	1.00E+00	0.76	3.23E-02	4.94E-01

AC068860.1	-0.80	7.03E-01	1.00E+00	-2.90	3.23E-02	4.94E-01
LINC01644	-0.42	9.02E-01	1.00E+00	3.98	3.23E-02	4.94E-01
G8687	-2.56	8.27E-02	1.00E+00	-2.27	3.24E-02	4.94E-01
GZMK	-3.06	7.46E-02	1.00E+00	1.95	3.24E-02	4.94E-01
XLOC_003809	-2.01	2.62E-01	1.00E+00	2.92	3.24E-02	4.94E-01
POLR2J3	0.34	5.81E-01	1.00E+00	0.79	3.24E-02	4.94E-01
ZNF865	-0.54	1.08E-01	1.00E+00	1.96	3.24E-02	4.94E-01
HTR2B	0.84	4.67E-01	1.00E+00	1.63	3.24E-02	4.94E-01
ZC3H11A	-1.10	7.53E-01	1.00E+00	2.09	3.24E-02	4.94E-01
F8A1	-0.21	5.29E-01	1.00E+00	-1.31	3.24E-02	4.94E-01
AC068338.3	NA	NA	NA	-1.97	3.25E-02	4.94E-01
TGM1	0.12	8.46E-01	1.00E+00	1.27	3.25E-02	4.94E-01
IDH1	0.63	1.31E-01	1.00E+00	-0.84	3.26E-02	4.94E-01
AC026367.1	0.43	6.43E-01	1.00E+00	2.19	3.26E-02	4.94E-01
COLGALT1	-0.12	5.65E-01	1.00E+00	0.61	3.26E-02	4.94E-01
AC105250.1	-0.87	7.99E-01	1.00E+00	-1.52	3.27E-02	4.94E-01
SNHG12	0.25	7.18E-01	1.00E+00	1.14	3.27E-02	4.94E-01
SRC	0.09	7.00E-01	1.00E+00	1.38	3.27E-02	4.94E-01
ATP5PDP4	-0.27	9.38E-01	1.00E+00	-1.60	3.27E-02	4.94E-01
ERFE	-0.26	8.58E-01	1.00E+00	2.84	3.27E-02	4.94E-01
CCDC153	-0.27	5.01E-01	1.00E+00	-0.80	3.28E-02	4.94E-01
SH3RF3	0.10	7.08E-01	1.00E+00	1.39	3.28E-02	4.94E-01
PDK3	0.25	6.65E-01	1.00E+00	-0.76	3.28E-02	4.94E-01
FKBP15	-0.14	4.50E-01	1.00E+00	0.79	3.28E-02	4.94E-01
ITGA4	-0.67	5.05E-02	1.00E+00	1.18	3.28E-02	4.94E-01
KRT222	0.65	6.83E-01	1.00E+00	-2.07	3.28E-02	4.94E-01
CEBPZOS	0.02	9.21E-01	1.00E+00	-0.45	3.28E-02	4.94E-01
GLIS3	-0.36	4.61E-01	1.00E+00	1.61	3.28E-02	4.94E-01
LYRM1	0.26	1.83E-01	1.00E+00	-0.63	3.29E-02	4.94E-01
RUNX2	-0.21	5.35E-01	1.00E+00	1.21	3.29E-02	4.94E-01
COQ5	0.40	5.57E-02	1.00E+00	-0.51	3.29E-02	4.94E-01
IGHV3-49	6.57	2.25E-07	8.84E-05	3.88	3.29E-02	4.94E-01

KRT8P36	-0.07	9.74E-01	1.00E+00	-1.92	3.30E-02	4.95E-01
NRP2	0.08	8.41E-01	1.00E+00	1.45	3.30E-02	4.95E-01
AC007619.1	0.37	8.57E-01	1.00E+00	1.71	3.30E-02	4.95E-01
GPLD1	0.34	5.23E-01	1.00E+00	-0.90	3.30E-02	4.95E-01
KRT18P63	-3.71	7.70E-03	5.38E-01	2.22	3.31E-02	4.95E-01
PSTPIP1	-0.32	5.01E-01	1.00E+00	1.15	3.31E-02	4.95E-01
CYB5A	0.08	6.81E-01	1.00E+00	-0.87	3.31E-02	4.95E-01
COG8	-0.20	5.68E-01	1.00E+00	-0.55	3.31E-02	4.95E-01
G26894	-1.69	4.16E-01	1.00E+00	3.88	3.32E-02	4.96E-01
KIAA0513	-0.24	4.99E-01	1.00E+00	0.89	3.32E-02	4.96E-01
GON7	-0.14	4.93E-01	1.00E+00	-0.56	3.32E-02	4.96E-01
TNN	-0.96	2.71E-01	1.00E+00	-1.83	3.33E-02	4.96E-01
IGSF22	0.32	4.23E-01	1.00E+00	0.95	3.33E-02	4.96E-01
CSK	-0.14	5.29E-01	1.00E+00	1.19	3.33E-02	4.96E-01
GPR85	-0.17	8.40E-01	1.00E+00	1.63	3.34E-02	4.97E-01
ITGB2	-0.20	5.43E-01	1.00E+00	1.59	3.34E-02	4.97E-01
HIPK2	0.34	4.99E-01	1.00E+00	0.58	3.35E-02	4.98E-01
MICA	0.04	8.60E-01	1.00E+00	0.47	3.35E-02	4.98E-01
MN1	-0.40	2.79E-01	1.00E+00	0.95	3.35E-02	4.98E-01
AC011239.2	-2.17	1.34E-01	1.00E+00	-2.18	3.36E-02	4.98E-01
CDKN2AIPNL	-0.01	9.61E-01	1.00E+00	-0.61	3.36E-02	4.98E-01
G9105	0.11	9.39E-01	1.00E+00	-2.12	3.36E-02	4.98E-01
PPP4R1	-0.24	3.81E-01	1.00E+00	0.71	3.37E-02	4.98E-01
NPM3	-0.83	4.71E-04	9.32E-02	0.87	3.37E-02	4.98E-01
BTK	0.03	9.49E-01	1.00E+00	1.25	3.37E-02	4.98E-01
MTCO1P12	-0.77	8.10E-01	1.00E+00	-1.59	3.37E-02	4.98E-01
XLOC_004054	0.92	7.17E-01	1.00E+00	2.62	3.37E-02	4.98E-01
AC092167.1	0.43	9.03E-01	1.00E+00	2.88	3.37E-02	4.98E-01
TMBIM4	0.21	4.23E-01	1.00E+00	-0.88	3.38E-02	4.98E-01
LINC01431	-1.24	2.06E-01	1.00E+00	-1.32	3.38E-02	4.98E-01
LRRC15	-0.47	5.48E-01	1.00E+00	1.59	3.38E-02	4.98E-01
TTLL10	0.21	8.06E-01	1.00E+00	-2.58	3.38E-02	4.98E-01

COL16A1	0.00	9.98E-01	1.00E+00	1.38	3.38E-02	4.98E-01
AC011247.1	0.32	6.90E-01	1.00E+00	-1.13	3.39E-02	4.98E-01
SLC34A1	-2.41	5.03E-02	1.00E+00	2.14	3.39E-02	4.99E-01
AC008556.1	-0.07	8.83E-01	1.00E+00	-1.35	3.39E-02	4.99E-01
CD2	-0.92	1.41E-01	1.00E+00	1.61	3.40E-02	5.00E-01
CD84	0.41	4.77E-01	1.00E+00	1.25	3.41E-02	5.00E-01
AL357079.2	-0.35	8.51E-01	1.00E+00	-2.16	3.41E-02	5.00E-01
HOXB13	1.84	4.69E-01	1.00E+00	3.37	3.41E-02	5.00E-01
GLRX5	-0.01	9.68E-01	1.00E+00	-1.35	3.42E-02	5.00E-01
AGFG2	0.15	4.51E-01	1.00E+00	-0.60	3.42E-02	5.00E-01
AC092953.1	1.99	3.92E-01	1.00E+00	2.12	3.42E-02	5.00E-01
LINC01506	-0.03	9.92E-01	1.00E+00	1.95	3.43E-02	5.01E-01
TNK2	-0.22	2.83E-01	1.00E+00	1.46	3.43E-02	5.01E-01
PPIF	0.02	9.55E-01	1.00E+00	0.71	3.43E-02	5.01E-01
CDH18	-0.19	8.42E-01	1.00E+00	-3.18	3.43E-02	5.01E-01
DDA1	-0.05	8.50E-01	1.00E+00	0.29	3.43E-02	5.01E-01
ARSJ	-0.09	8.37E-01	1.00E+00	0.97	3.43E-02	5.01E-01
CHRAC1	-0.15	3.92E-01	1.00E+00	-0.41	3.44E-02	5.01E-01
PHOSPHO2	0.11	8.49E-01	1.00E+00	-1.31	3.44E-02	5.01E-01
LHFPL3-AS1	0.95	4.85E-01	1.00E+00	2.27	3.44E-02	5.01E-01
ARHGAP30	0.02	9.54E-01	1.00E+00	1.54	3.44E-02	5.01E-01
DDX41	-0.35	7.71E-02	1.00E+00	0.44	3.45E-02	5.01E-01
ORAI1	-0.21	5.44E-01	1.00E+00	-1.05	3.45E-02	5.01E-01
AC137723.1	0.04	9.86E-01	1.00E+00	-1.81	3.45E-02	5.01E-01
AC084036.1	-0.33	7.14E-01	1.00E+00	-1.37	3.45E-02	5.01E-01
SRGN	0.51	3.27E-01	1.00E+00	1.04	3.46E-02	5.01E-01
SERPINB9	0.87	7.18E-02	1.00E+00	1.19	3.46E-02	5.02E-01
ADPGK	-0.06	7.61E-01	1.00E+00	0.46	3.46E-02	5.02E-01
CHRNA7	1.41	8.75E-02	1.00E+00	1.21	3.46E-02	5.02E-01
BCL2L1	0.19	3.59E-01	1.00E+00	0.64	3.47E-02	5.02E-01
FGFR3	-0.15	6.99E-01	1.00E+00	-1.73	3.47E-02	5.02E-01
ITGA11	0.29	6.51E-01	1.00E+00	1.11	3.47E-02	5.02E-01

FBXO9	0.18	4.28E-01	1.00E+00	-0.55	3.48E-02	5.03E-01
ACADM	0.47	1.73E-01	1.00E+00	-0.68	3.48E-02	5.03E-01
TRBV7-8	0.22	8.83E-01	1.00E+00	2.49	3.49E-02	5.03E-01
MMP2-AS1	0.40	8.51E-01	1.00E+00	2.29	3.49E-02	5.03E-01
NPAS1	-0.28	6.31E-01	1.00E+00	-1.68	3.49E-02	5.03E-01
CDC25B	0.03	9.17E-01	1.00E+00	1.18	3.49E-02	5.03E-01
CD83	0.01	9.82E-01	1.00E+00	0.67	3.49E-02	5.03E-01
RUBCN	-0.06	8.06E-01	1.00E+00	0.52	3.50E-02	5.03E-01
CXorf21	0.51	4.35E-01	1.00E+00	1.70	3.50E-02	5.03E-01
PNPLA5	1.87	2.94E-01	1.00E+00	-2.34	3.50E-02	5.03E-01
LUZP1	-0.24	2.40E-01	1.00E+00	0.41	3.50E-02	5.03E-01
MPEG1	-0.29	5.64E-01	1.00E+00	1.35	3.50E-02	5.03E-01
AC002091.2	-1.31	6.67E-01	1.00E+00	2.81	3.51E-02	5.03E-01
AC083799.1	-0.32	3.42E-01	1.00E+00	0.66	3.51E-02	5.03E-01
CBX5	0.39	2.80E-01	1.00E+00	-0.42	3.51E-02	5.03E-01
AL353708.3	-1.47	6.70E-01	1.00E+00	-2.92	3.52E-02	5.03E-01
SNX29P2	0.37	6.80E-01	1.00E+00	1.73	3.52E-02	5.03E-01
NEK7	0.92	3.83E-02	1.00E+00	-1.03	3.52E-02	5.03E-01
MED28P3	-0.76	4.35E-01	1.00E+00	-1.64	3.52E-02	5.03E-01
SLC25A1	0.17	6.05E-01	1.00E+00	-1.02	3.53E-02	5.03E-01
CGGBP1	0.18	3.90E-01	1.00E+00	-0.37	3.53E-02	5.03E-01
AP000911.2	-1.09	7.12E-01	1.00E+00	-3.39	3.53E-02	5.03E-01
RPL30P11	-3.52	2.96E-01	1.00E+00	-3.40	3.54E-02	5.03E-01
RGS19	0.02	9.50E-01	1.00E+00	0.85	3.54E-02	5.03E-01
SNHG6	-0.27	4.46E-01	1.00E+00	-0.85	3.54E-02	5.03E-01
IL33	-0.33	4.59E-01	1.00E+00	-0.73	3.54E-02	5.03E-01
YIPF6	0.36	2.59E-02	9.40E-01	-0.56	3.54E-02	5.03E-01
OPN3	0.85	5.41E-02	1.00E+00	-1.45	3.54E-02	5.03E-01
RBMS1P1	-1.38	4.41E-01	1.00E+00	-1.02	3.55E-02	5.03E-01
ADAMTS2	0.16	8.17E-01	1.00E+00	1.78	3.55E-02	5.03E-01
CCDC51	0.02	9.18E-01	1.00E+00	0.43	3.55E-02	5.03E-01
SALL1	-2.49	1.23E-02	6.93E-01	2.99	3.55E-02	5.03E-01

AL731569.1	-0.11	8.24E-01	1.00E+00	-1.86	3.55E-02	5.03E-01
SP100	0.09	8.20E-01	1.00E+00	0.52	3.55E-02	5.03E-01
AL669831.5	0.03	9.75E-01	1.00E+00	1.07	3.55E-02	5.03E-01
AC080023.2	2.05	3.23E-01	1.00E+00	-1.23	3.56E-02	5.04E-01
SUCLA2	0.26	2.87E-01	1.00E+00	-0.63	3.57E-02	5.06E-01
ADCY2	-0.31	2.99E-01	1.00E+00	-1.02	3.58E-02	5.06E-01
TIGD7	0.20	7.86E-01	1.00E+00	-1.11	3.58E-02	5.06E-01
AL022069.1	-2.51	1.01E-01	1.00E+00	-2.93	3.59E-02	5.06E-01
AC011503.1	2.64	1.08E-01	1.00E+00	-3.11	3.59E-02	5.07E-01
CLECL1	0.00	9.98E-01	1.00E+00	1.57	3.59E-02	5.07E-01
TMEM26	-2.55	4.56E-02	1.00E+00	2.73	3.59E-02	5.07E-01
NOV	-0.19	5.57E-01	1.00E+00	0.82	3.60E-02	5.07E-01
SMURF2P1	-0.34	3.19E-01	1.00E+00	1.48	3.60E-02	5.07E-01
HSH2D	0.17	8.37E-01	1.00E+00	2.33	3.61E-02	5.08E-01
ZNF687	-0.26	1.57E-01	1.00E+00	1.41	3.61E-02	5.08E-01
ANKRD20A4	-4.32	5.78E-03	4.52E-01	-1.76	3.62E-02	5.08E-01
RPS4XP2	NA	NA	NA	1.54	3.62E-02	5.08E-01
SLC30A8	-3.17	2.14E-01	1.00E+00	-4.51	3.62E-02	5.08E-01
AL354928.1	-2.22	1.36E-01	1.00E+00	2.53	3.62E-02	5.08E-01
TLR8	-0.32	6.51E-01	1.00E+00	2.14	3.62E-02	5.08E-01
IGDCC4	0.27	6.68E-01	1.00E+00	1.30	3.63E-02	5.08E-01
ARMCX7P	1.70	3.76E-01	1.00E+00	-1.11	3.63E-02	5.08E-01
GPX7	0.26	5.30E-01	1.00E+00	0.60	3.63E-02	5.08E-01
YIF1B	-0.39	6.19E-02	1.00E+00	0.41	3.63E-02	5.08E-01
XLOC_001953	0.65	3.73E-01	1.00E+00	1.39	3.63E-02	5.08E-01
ZNF208	0.28	7.36E-01	1.00E+00	-2.05	3.63E-02	5.08E-01
SSC5D	0.01	9.81E-01	1.00E+00	1.59	3.64E-02	5.08E-01
LINC02211	4.85	4.83E-03	4.03E-01	2.59	3.64E-02	5.08E-01
AP000439.2	0.64	1.50E-01	1.00E+00	-2.07	3.64E-02	5.08E-01
HIST1H2BE	-1.85	1.88E-01	1.00E+00	-2.19	3.64E-02	5.08E-01
PIEZO2	0.84	1.04E-01	1.00E+00	1.31	3.65E-02	5.08E-01
AC034243.1	-1.10	6.86E-01	1.00E+00	-2.13	3.65E-02	5.08E-01

PIK3R5	-0.34	4.08E-01	1.00E+00	1.75	3.65E-02	5.08E-01
WFDC12	-0.88	1.83E-01	1.00E+00	1.66	3.66E-02	5.09E-01
DZIP1	0.08	8.73E-01	1.00E+00	1.00	3.66E-02	5.09E-01
BSN	-1.67	1.61E-02	7.94E-01	2.42	3.67E-02	5.10E-01
COL2A1	-1.96	2.13E-02	8.94E-01	-2.76	3.67E-02	5.10E-01
AC007546.1	3.41	2.95E-01	1.00E+00	-2.91	3.67E-02	5.10E-01
STAG2	0.20	3.50E-01	1.00E+00	0.30	3.67E-02	5.10E-01
PNPLA6	-0.16	3.89E-01	1.00E+00	1.18	3.68E-02	5.10E-01
FLVCR2	-0.02	9.71E-01	1.00E+00	1.00	3.68E-02	5.10E-01
AC068620.1	-0.20	8.41E-01	1.00E+00	-1.36	3.68E-02	5.10E-01
XIST	-0.88	1.36E-01	1.00E+00	1.24	3.68E-02	5.10E-01
CORO1A	-0.36	3.12E-01	1.00E+00	1.29	3.68E-02	5.10E-01
CNTNAP2	-2.43	1.11E-02	6.52E-01	1.81	3.69E-02	5.10E-01
XLOC_014097	-1.54	5.99E-01	1.00E+00	2.72	3.69E-02	5.10E-01
LINC01443	-0.13	9.24E-01	1.00E+00	2.01	3.69E-02	5.10E-01
SLC20A2	-0.11	6.47E-01	1.00E+00	0.52	3.69E-02	5.10E-01
PPP4R1-AS1	-1.76	5.63E-01	1.00E+00	-2.05	3.70E-02	5.10E-01
ITPA	-0.17	4.35E-01	1.00E+00	0.37	3.70E-02	5.10E-01
RIMS1	-0.54	5.90E-01	1.00E+00	-1.48	3.70E-02	5.10E-01
XLOC_009498	1.92	1.01E-01	1.00E+00	-1.76	3.71E-02	5.10E-01
KLRB1	-0.64	4.50E-01	1.00E+00	1.49	3.71E-02	5.10E-01
AC116407.1	-0.29	7.52E-01	1.00E+00	-2.25	3.71E-02	5.10E-01
ARPP19	0.38	1.06E-01	1.00E+00	-0.41	3.71E-02	5.10E-01
AC004812.2	-0.39	3.09E-01	1.00E+00	-1.12	3.72E-02	5.10E-01
PLIN3	-0.32	3.12E-01	1.00E+00	0.45	3.72E-02	5.10E-01
SLC44A1	0.15	4.67E-01	1.00E+00	-0.52	3.72E-02	5.10E-01
HIC1	0.50	3.15E-01	1.00E+00	1.48	3.72E-02	5.10E-01
TOR2A	-0.18	4.90E-01	1.00E+00	0.54	3.72E-02	5.10E-01
PNOC	-1.22	7.08E-01	1.00E+00	3.27	3.72E-02	5.10E-01
AP001021.2	-0.20	9.01E-01	1.00E+00	-1.95	3.72E-02	5.10E-01
AC093912.1	-2.92	3.90E-01	1.00E+00	-4.05	3.73E-02	5.10E-01
XLOC_006617	-0.93	7.87E-01	1.00E+00	5.16	3.73E-02	5.11E-01

AC017104.3	1.92	1.17E-01	1.00E+00	2.02	3.74E-02	5.11E-01
RUBCNL	0.61	3.43E-01	1.00E+00	1.10	3.74E-02	5.11E-01
AC007318.2	-3.34	9.79E-02	1.00E+00	1.73	3.74E-02	5.11E-01
DPEP2	0.33	5.84E-01	1.00E+00	1.19	3.75E-02	5.11E-01
AC099552.3	1.23	4.56E-01	1.00E+00	-2.89	3.75E-02	5.11E-01
LTBP2	0.36	4.58E-01	1.00E+00	1.20	3.75E-02	5.12E-01
AL035530.2	0.00	9.98E-01	1.00E+00	-0.77	3.76E-02	5.12E-01
MRPL19	-0.10	6.13E-01	1.00E+00	-0.47	3.76E-02	5.12E-01
ARL15	-0.06	8.25E-01	1.00E+00	-0.82	3.77E-02	5.12E-01
FCER1G	0.20	6.29E-01	1.00E+00	0.91	3.77E-02	5.12E-01
KIAA0391	0.28	2.91E-01	1.00E+00	0.72	3.77E-02	5.12E-01
PIP5KL1	-0.04	9.11E-01	1.00E+00	0.79	3.77E-02	5.12E-01
LINC01269	2.53	2.88E-01	1.00E+00	2.24	3.77E-02	5.12E-01
ATP5MC3	0.15	5.38E-01	1.00E+00	-0.42	3.77E-02	5.12E-01
HNRNPDL	0.13	5.54E-01	1.00E+00	0.35	3.78E-02	5.12E-01
DBNL	-0.12	5.87E-01	1.00E+00	0.38	3.78E-02	5.12E-01
KLF12	-0.08	8.28E-01	1.00E+00	0.58	3.78E-02	5.12E-01
DRAM2	0.17	5.07E-01	1.00E+00	-0.71	3.79E-02	5.12E-01
C9orf116	-0.02	9.76E-01	1.00E+00	0.75	3.79E-02	5.12E-01
NACA4P	-0.13	9.52E-01	1.00E+00	-1.47	3.79E-02	5.12E-01
G29073	-4.34	1.23E-01	1.00E+00	2.59	3.80E-02	5.12E-01
ACTR3C	0.10	8.43E-01	1.00E+00	-0.95	3.80E-02	5.12E-01
AC006449.5	-0.24	8.28E-01	1.00E+00	-2.02	3.80E-02	5.12E-01
IGFBP2	-0.13	7.42E-01	1.00E+00	1.54	3.80E-02	5.12E-01
AC009542.1	0.59	8.65E-01	1.00E+00	2.90	3.80E-02	5.12E-01
XLOC_012551	-1.27	7.09E-01	1.00E+00	-2.92	3.80E-02	5.12E-01
OTOGL	-1.17	2.58E-01	1.00E+00	-2.06	3.80E-02	5.12E-01
TMEM260	-0.08	7.85E-01	1.00E+00	-0.57	3.80E-02	5.12E-01
PTER	-0.27	2.74E-01	1.00E+00	-0.54	3.81E-02	5.12E-01
BX293535.1	-3.36	1.62E-01	1.00E+00	-2.18	3.81E-02	5.12E-01
SELL	0.14	7.95E-01	1.00E+00	1.69	3.81E-02	5.12E-01
ANO1	-0.21	3.94E-01	1.00E+00	-0.58	3.82E-02	5.12E-01

FER1L5	1.03	5.52E-01	1.00E+00	-3.02	3.82E-02	5.12E-01
NUDT16	0.01	9.62E-01	1.00E+00	0.68	3.82E-02	5.12E-01
TUBB2A	-0.23	5.65E-01	1.00E+00	0.64	3.83E-02	5.12E-01
SEC14L1P1	-1.02	2.57E-01	1.00E+00	1.46	3.83E-02	5.12E-01
CD3D	-0.38	5.98E-01	1.00E+00	1.30	3.83E-02	5.12E-01
CCDC78	-1.24	4.39E-01	1.00E+00	2.67	3.83E-02	5.12E-01
FRMD6-AS1	0.02	9.68E-01	1.00E+00	0.92	3.83E-02	5.12E-01
FAM45BP	0.07	9.27E-01	1.00E+00	-0.83	3.83E-02	5.12E-01
XLOC_000567	-0.35	7.03E-01	1.00E+00	-1.55	3.84E-02	5.12E-01
CSF3R	-0.41	4.24E-01	1.00E+00	2.04	3.84E-02	5.12E-01
ANKRD2	0.23	7.44E-01	1.00E+00	1.30	3.84E-02	5.12E-01
SDK2	-1.15	1.65E-02	8.08E-01	1.29	3.84E-02	5.12E-01
MAFTRR	0.14	8.53E-01	1.00E+00	-1.35	3.85E-02	5.12E-01
TRPT1	0.06	7.87E-01	1.00E+00	-0.46	3.85E-02	5.12E-01
GIMAP2	0.24	5.90E-01	1.00E+00	1.01	3.85E-02	5.12E-01
BMI1	0.20	5.22E-01	1.00E+00	-0.63	3.85E-02	5.12E-01
PCSK4	0.02	9.83E-01	1.00E+00	1.81	3.85E-02	5.12E-01
RHOQP1	1.73	2.09E-01	1.00E+00	-2.12	3.86E-02	5.12E-01
YJU2	-0.33	2.12E-01	1.00E+00	0.40	3.86E-02	5.12E-01
TMEM17	0.66	4.84E-02	1.00E+00	-0.64	3.86E-02	5.12E-01
RAB5C	0.06	7.79E-01	1.00E+00	0.54	3.86E-02	5.12E-01
DOK3	-0.04	9.43E-01	1.00E+00	1.80	3.86E-02	5.12E-01
FNBP1L	0.03	9.36E-01	1.00E+00	-0.56	3.86E-02	5.12E-01
GPS2	-3.40	3.55E-02	1.00E+00	-0.94	3.86E-02	5.12E-01
C8orf34	0.30	6.44E-01	1.00E+00	-1.55	3.86E-02	5.12E-01
KYNU	-0.70	9.42E-02	1.00E+00	1.26	3.87E-02	5.13E-01
TMEM14B	0.29	2.25E-01	1.00E+00	-0.82	3.87E-02	5.13E-01
HCLS1	0.07	8.40E-01	1.00E+00	1.26	3.87E-02	5.13E-01
MRPL28	-0.26	2.14E-01	1.00E+00	0.36	3.88E-02	5.13E-01
ZNFX1	-0.03	9.43E-01	1.00E+00	0.92	3.88E-02	5.13E-01
CLDND2	-3.08	1.15E-01	1.00E+00	-1.41	3.88E-02	5.13E-01
BCAR3	-0.01	9.72E-01	1.00E+00	-0.83	3.89E-02	5.13E-01

CRYBB2P1	-0.11	8.46E-01	1.00E+00	0.67	3.89E-02	5.13E-01
SLC7A2	0.37	2.18E-01	1.00E+00	0.86	3.89E-02	5.13E-01
IGKV2D-40	NA	NA	NA	3.97	3.89E-02	5.13E-01
OSBPL8	0.15	6.20E-01	1.00E+00	-0.38	3.89E-02	5.13E-01
PRNCR1	2.11	5.33E-01	1.00E+00	-1.63	3.89E-02	5.13E-01
AP000347.1	0.29	8.10E-01	1.00E+00	1.93	3.89E-02	5.13E-01
SLC16A7	0.17	5.82E-01	1.00E+00	-0.59	3.90E-02	5.13E-01
DDHD2	0.30	4.45E-01	1.00E+00	-0.63	3.90E-02	5.13E-01
ANAPC13	0.22	2.38E-01	1.00E+00	-0.77	3.91E-02	5.14E-01
TMSB10	0.00	1.00E+00	1.00E+00	0.66	3.91E-02	5.14E-01
LINC01871	0.44	7.66E-01	1.00E+00	1.19	3.91E-02	5.14E-01
ALKAL1	1.62	3.33E-01	1.00E+00	-3.23	3.92E-02	5.15E-01
Z94721.3	-2.71	3.15E-02	1.00E+00	2.27	3.93E-02	5.15E-01
PRKRIP1	0.16	4.57E-01	1.00E+00	0.41	3.94E-02	5.16E-01
PTN	0.08	8.66E-01	1.00E+00	0.94	3.94E-02	5.16E-01
AP002026.1	0.11	9.15E-01	1.00E+00	-1.32	3.94E-02	5.16E-01
P2RX6P	0.85	3.76E-01	1.00E+00	-1.94	3.95E-02	5.17E-01
DNAJC25	-0.14	6.97E-01	1.00E+00	-0.97	3.95E-02	5.17E-01
MMP19	0.20	6.15E-01	1.00E+00	1.35	3.95E-02	5.17E-01
TYSND1	-0.09	6.76E-01	1.00E+00	-0.48	3.96E-02	5.17E-01
CANT1	0.00	9.81E-01	1.00E+00	0.75	3.97E-02	5.18E-01
SLCO2A1	0.09	6.84E-01	1.00E+00	1.24	3.97E-02	5.19E-01
PRAG1	-0.49	5.50E-02	1.00E+00	1.49	3.98E-02	5.19E-01
ANKRD45	-0.74	7.21E-01	1.00E+00	2.38	3.98E-02	5.19E-01
GBAP1	0.48	1.96E-01	1.00E+00	0.96	3.98E-02	5.19E-01
SPON2	-0.25	5.15E-01	1.00E+00	0.59	3.99E-02	5.19E-01
SLC22A3	0.47	1.28E-01	1.00E+00	-0.75	3.99E-02	5.19E-01
MTIF2	-0.09	6.55E-01	1.00E+00	-0.26	3.99E-02	5.19E-01
ZSCAN26	0.11	8.17E-01	1.00E+00	-0.79	4.00E-02	5.19E-01
SPINK7	-2.17	6.86E-02	1.00E+00	1.90	4.00E-02	5.19E-01
HRH2	-0.88	3.46E-02	1.00E+00	1.57	4.00E-02	5.19E-01
RETREG3	0.28	1.35E-01	1.00E+00	-0.46	4.00E-02	5.19E-01

PGM1	0.25	4.27E-01	1.00E+00	-0.69	4.00E-02	5.19E-01
AL161431.1	-1.04	4.00E-01	1.00E+00	1.90	4.00E-02	5.19E-01
SMTNL1	-2.03	7.10E-02	1.00E+00	2.18	4.01E-02	5.19E-01
SLC3A2	-0.25	2.67E-01	1.00E+00	0.29	4.01E-02	5.19E-01
DYNC2H1	0.03	9.31E-01	1.00E+00	-0.42	4.01E-02	5.19E-01
HIST1H2AJ	-2.52	2.11E-01	1.00E+00	-2.30	4.02E-02	5.19E-01
XLOC_007038	1.68	4.35E-01	1.00E+00	-2.39	4.02E-02	5.19E-01
P2RX5	-1.00	6.80E-01	1.00E+00	3.84	4.02E-02	5.19E-01
AC010245.2	0.91	1.30E-01	1.00E+00	-1.74	4.02E-02	5.19E-01
ZCCHC4	0.20	5.51E-01	1.00E+00	-0.64	4.02E-02	5.19E-01
ERGIC3	-0.14	5.21E-01	1.00E+00	0.29	4.02E-02	5.19E-01
THUMPD2	0.25	2.97E-01	1.00E+00	-0.49	4.03E-02	5.19E-01
PARP9	-0.10	8.71E-01	1.00E+00	0.99	4.03E-02	5.19E-01
PTGFRN	-0.11	5.64E-01	1.00E+00	0.84	4.04E-02	5.20E-01
APOBEC3G	-0.09	8.43E-01	1.00E+00	1.42	4.04E-02	5.20E-01
PPP1R18	-0.30	1.94E-01	1.00E+00	1.26	4.04E-02	5.20E-01
PITX1	-1.74	1.23E-03	1.86E-01	2.29	4.04E-02	5.20E-01
LINC02067	1.03	2.96E-01	1.00E+00	-2.62	4.05E-02	5.20E-01
TMEM198B	0.34	2.00E-01	1.00E+00	0.65	4.06E-02	5.22E-01
AP000864.1	-0.80	8.18E-01	1.00E+00	3.45	4.07E-02	5.22E-01
UQCRQ	-0.02	9.13E-01	1.00E+00	-1.09	4.07E-02	5.22E-01
SLFN12	0.12	7.90E-01	1.00E+00	0.83	4.07E-02	5.22E-01
BCHE	-0.56	1.35E-01	1.00E+00	-0.98	4.08E-02	5.22E-01
AC115284.2	-0.25	7.59E-01	1.00E+00	-1.93	4.08E-02	5.22E-01
CDR2L	0.09	8.49E-01	1.00E+00	0.93	4.08E-02	5.22E-01
MIR3945HG	NA	NA	NA	2.54	4.08E-02	5.22E-01
IL16	0.91	2.73E-02	9.66E-01	0.73	4.08E-02	5.22E-01
XLOC_013547	1.53	5.58E-01	1.00E+00	3.40	4.08E-02	5.22E-01
HLF	-0.39	1.71E-01	1.00E+00	-0.86	4.09E-02	5.22E-01
AKR1C2	0.74	3.20E-01	1.00E+00	-1.22	4.09E-02	5.22E-01
RFX5	0.13	6.27E-01	1.00E+00	0.60	4.09E-02	5.22E-01
AC073508.3	-0.22	6.68E-01	1.00E+00	-0.88	4.10E-02	5.22E-01

RUFY2	-0.23	4.10E-01	1.00E+00	-0.31	4.10E-02	5.22E-01
PPP1R14C	0.45	2.85E-01	1.00E+00	-1.41	4.10E-02	5.22E-01
TUBB3	-0.80	5.96E-01	1.00E+00	1.55	4.10E-02	5.22E-01
TEX29	-0.21	9.51E-01	1.00E+00	2.96	4.10E-02	5.22E-01
AC110609.1	3.31	3.27E-01	1.00E+00	-3.66	4.10E-02	5.22E-01
AC092868.1	-2.03	2.47E-01	1.00E+00	2.51	4.11E-02	5.22E-01
AC091868.1	1.41	6.79E-01	1.00E+00	-2.96	4.11E-02	5.22E-01
COL8A1	1.00	1.90E-01	1.00E+00	1.09	4.11E-02	5.22E-01
AL513548.1	0.00	9.99E-01	1.00E+00	2.51	4.12E-02	5.22E-01
LINC00689	-3.98	9.50E-03	6.06E-01	-2.33	4.12E-02	5.22E-01
OVOL3	1.74	3.60E-01	1.00E+00	-3.43	4.12E-02	5.22E-01
RNA5-8SP2	-1.53	2.53E-01	1.00E+00	-1.89	4.12E-02	5.23E-01
GSTO1	-0.12	4.56E-01	1.00E+00	0.45	4.12E-02	5.23E-01
IPO5P1	0.33	4.79E-01	1.00E+00	-0.66	4.13E-02	5.24E-01
C17orf51	0.21	6.38E-01	1.00E+00	0.72	4.14E-02	5.24E-01
TMEM59L	-1.25	6.55E-01	1.00E+00	2.07	4.14E-02	5.24E-01
PSIP1	0.06	7.86E-01	1.00E+00	-0.69	4.14E-02	5.24E-01
AC005410.1	0.44	8.14E-01	1.00E+00	-2.18	4.14E-02	5.24E-01
SLC9A3-AS1	-0.71	5.63E-02	1.00E+00	1.65	4.14E-02	5.24E-01
TSPAN11	0.09	8.16E-01	1.00E+00	1.50	4.15E-02	5.24E-01
EP300-AS1	-0.80	2.86E-01	1.00E+00	0.82	4.15E-02	5.24E-01
AC004951.2	-1.44	1.71E-01	1.00E+00	1.41	4.16E-02	5.25E-01
STYX	-0.06	8.09E-01	1.00E+00	-0.50	4.16E-02	5.25E-01
GPR35	0.57	3.27E-01	1.00E+00	2.06	4.16E-02	5.25E-01
BRMS1	-0.27	2.89E-01	1.00E+00	0.35	4.16E-02	5.25E-01
LINC01376	-0.39	5.31E-01	1.00E+00	-1.34	4.17E-02	5.25E-01
AC005498.3	0.30	6.29E-01	1.00E+00	-1.44	4.17E-02	5.25E-01
SFMBT2	0.27	6.68E-01	1.00E+00	1.80	4.17E-02	5.25E-01
C1QL2	-3.96	1.11E-03	1.75E-01	-3.10	4.17E-02	5.25E-01
LGALS1	0.27	5.79E-01	1.00E+00	-0.84	4.18E-02	5.25E-01
AC010422.8	0.28	9.25E-01	1.00E+00	1.71	4.18E-02	5.25E-01
PTPN6	-0.39	7.42E-02	1.00E+00	0.74	4.18E-02	5.25E-01

ZNF807	-0.34	8.55E-01	1.00E+00	-3.32	4.18E-02	5.25E-01
BDKRB2	0.11	7.67E-01	1.00E+00	0.85	4.19E-02	5.25E-01
PRXL2A	0.50	7.12E-02	1.00E+00	-0.63	4.20E-02	5.27E-01
SPINDOC	-0.13	6.53E-01	1.00E+00	1.61	4.20E-02	5.27E-01
NGEF	-0.34	3.57E-01	1.00E+00	-1.11	4.21E-02	5.27E-01
ISCA1P1	0.84	8.06E-01	1.00E+00	-1.05	4.21E-02	5.27E-01
CLEC2L	-1.38	1.96E-01	1.00E+00	-2.33	4.21E-02	5.27E-01
BEX1	-1.68	7.64E-02	1.00E+00	-1.06	4.21E-02	5.27E-01
P4HA3	-0.02	9.84E-01	1.00E+00	2.12	4.21E-02	5.27E-01
VIPAS39	0.07	7.14E-01	1.00E+00	0.31	4.22E-02	5.27E-01
NDUFA5	0.02	9.24E-01	1.00E+00	-0.86	4.22E-02	5.27E-01
XLOC_004672	0.14	8.40E-01	1.00E+00	2.17	4.22E-02	5.27E-01
AC026765.2	-2.28	5.01E-01	1.00E+00	-2.55	4.22E-02	5.27E-01
ANKRD18A	-0.23	7.31E-01	1.00E+00	-1.32	4.23E-02	5.27E-01
UGT2B4	0.76	8.27E-01	1.00E+00	-3.31	4.23E-02	5.27E-01
AP001610.1	-2.32	4.96E-01	1.00E+00	2.33	4.23E-02	5.27E-01
CAMSAP3	-0.35	5.27E-01	1.00E+00	-1.56	4.23E-02	5.27E-01
ZNF441	0.04	9.03E-01	1.00E+00	-0.82	4.24E-02	5.27E-01
CXCR6	0.31	7.46E-01	1.00E+00	2.13	4.24E-02	5.27E-01
AC112191.2	NA	NA	NA	-1.50	4.24E-02	5.27E-01
HPSE	0.39	4.09E-01	1.00E+00	0.88	4.24E-02	5.27E-01
PYROXD1	-0.04	8.74E-01	1.00E+00	-0.50	4.25E-02	5.27E-01
MTRNR2L6	1.02	7.67E-01	1.00E+00	-1.93	4.25E-02	5.27E-01
DOCK4	0.17	6.47E-01	1.00E+00	1.27	4.25E-02	5.27E-01
PPIL6	-0.07	8.80E-01	1.00E+00	-0.87	4.26E-02	5.27E-01
HMG2P3	-0.18	6.49E-01	1.00E+00	-0.81	4.26E-02	5.27E-01
AAK1	-0.15	6.10E-01	1.00E+00	0.61	4.26E-02	5.27E-01
CD27	-0.96	3.18E-01	1.00E+00	1.53	4.26E-02	5.27E-01
DAB2IP	-0.01	9.85E-01	1.00E+00	1.29	4.26E-02	5.28E-01
S1PR3	0.03	9.19E-01	1.00E+00	1.02	4.27E-02	5.28E-01
SCCPDH	0.44	1.70E-01	1.00E+00	-0.77	4.27E-02	5.28E-01
GBA	0.14	5.21E-01	1.00E+00	0.50	4.28E-02	5.29E-01

BTG1	0.14	5.45E-01	1.00E+00	-0.75	4.28E-02	5.29E-01
DENND4C	0.11	6.10E-01	1.00E+00	-0.47	4.29E-02	5.30E-01
RRS1-AS1	-2.16	2.58E-01	1.00E+00	-2.60	4.30E-02	5.30E-01
LCTL	-0.18	9.59E-01	1.00E+00	2.54	4.30E-02	5.30E-01
PCDHA6	-3.09	9.31E-03	6.05E-01	-2.28	4.30E-02	5.30E-01
FCHSD1	0.10	7.67E-01	1.00E+00	1.01	4.30E-02	5.30E-01
XLOC_008151	-2.02	5.57E-01	1.00E+00	-1.96	4.31E-02	5.30E-01
AL669831.4	0.21	7.68E-01	1.00E+00	-1.29	4.31E-02	5.30E-01
TXNDC15	0.12	6.25E-01	1.00E+00	0.43	4.31E-02	5.30E-01
AC126773.1	1.33	6.25E-01	1.00E+00	2.84	4.31E-02	5.30E-01
TMEM164	0.04	8.96E-01	1.00E+00	0.73	4.31E-02	5.30E-01
LYRM7	-0.02	9.39E-01	1.00E+00	-0.69	4.32E-02	5.30E-01
AZGP1P1	0.61	2.72E-01	1.00E+00	1.01	4.32E-02	5.30E-01
SRGAP1	0.52	3.29E-01	1.00E+00	0.53	4.32E-02	5.30E-01
SLC12A8	0.19	7.62E-01	1.00E+00	0.99	4.32E-02	5.30E-01
PKM	-0.22	9.80E-02	1.00E+00	0.46	4.33E-02	5.30E-01
AC005000.1	-0.18	8.71E-01	1.00E+00	-0.87	4.33E-02	5.30E-01
ATPAF1	0.16	6.25E-01	1.00E+00	-1.23	4.33E-02	5.30E-01
ZNF616	-0.01	9.86E-01	1.00E+00	-0.57	4.33E-02	5.30E-01
ZNF773	0.29	2.94E-01	1.00E+00	-0.47	4.34E-02	5.30E-01
UBALD2	-0.05	8.89E-01	1.00E+00	1.60	4.34E-02	5.30E-01
PPIAP29	0.74	2.16E-01	1.00E+00	-0.71	4.34E-02	5.30E-01
GOLGA2P7	0.00	9.99E-01	1.00E+00	1.30	4.34E-02	5.30E-01
COMP	-0.43	5.48E-01	1.00E+00	1.40	4.35E-02	5.31E-01
AUNIP	-1.39	4.39E-03	3.74E-01	1.38	4.36E-02	5.31E-01
PLEKHG2	-0.24	5.30E-01	1.00E+00	1.57	4.36E-02	5.31E-01
GRIP2	0.34	5.64E-01	1.00E+00	1.53	4.36E-02	5.31E-01
RDH14	0.13	6.01E-01	1.00E+00	-0.65	4.36E-02	5.31E-01
PCGF6	0.18	5.07E-01	1.00E+00	-0.49	4.36E-02	5.31E-01
SLC44A3-AS1	-0.41	5.97E-01	1.00E+00	0.79	4.38E-02	5.33E-01
PALB2	-0.07	7.65E-01	1.00E+00	0.48	4.38E-02	5.33E-01
LINC02478	-0.90	5.29E-01	1.00E+00	-2.41	4.38E-02	5.33E-01

MMD	2.47	2.53E-03	2.58E-01	-1.23	4.39E-02	5.33E-01
NOTCH2NLA	0.28	4.07E-01	1.00E+00	0.57	4.39E-02	5.33E-01
AL645933.2	-0.51	4.54E-01	1.00E+00	1.21	4.39E-02	5.33E-01
TOP1MT	0.14	7.14E-01	1.00E+00	0.58	4.40E-02	5.33E-01
VASH1	0.29	6.26E-01	1.00E+00	1.70	4.40E-02	5.34E-01
AL513550.1	-1.10	1.45E-03	2.09E-01	-0.96	4.40E-02	5.34E-01
TRBV2	-1.20	5.66E-01	1.00E+00	2.80	4.41E-02	5.34E-01
LPXN	-0.24	5.36E-01	1.00E+00	0.91	4.41E-02	5.34E-01
IL10RA	-0.22	6.35E-01	1.00E+00	1.42	4.41E-02	5.34E-01
DNASE1L1	-0.03	9.33E-01	1.00E+00	0.73	4.42E-02	5.34E-01
IFIH1	-0.05	9.44E-01	1.00E+00	1.11	4.43E-02	5.35E-01
MMRN1	0.38	3.76E-01	1.00E+00	1.01	4.43E-02	5.35E-01
WDR26	-0.10	7.88E-01	1.00E+00	0.72	4.43E-02	5.35E-01
GPR68	-0.75	3.58E-02	1.00E+00	1.45	4.44E-02	5.35E-01
AC092164.1	0.26	7.39E-01	1.00E+00	-1.14	4.44E-02	5.35E-01
AC096642.1	0.17	9.20E-01	1.00E+00	-3.92	4.44E-02	5.35E-01
FOXQ1	0.01	9.70E-01	1.00E+00	-1.59	4.44E-02	5.35E-01
XLOC_009272	-0.74	4.37E-01	1.00E+00	-1.92	4.44E-02	5.35E-01
ZNF503	0.28	4.34E-01	1.00E+00	1.55	4.44E-02	5.35E-01
IGHV3-72	1.65	6.27E-01	1.00E+00	4.06	4.44E-02	5.35E-01
STXBP5-AS1	0.00	9.91E-01	1.00E+00	1.30	4.45E-02	5.35E-01
G20694	0.63	5.11E-01	1.00E+00	-1.48	4.45E-02	5.35E-01
AC090206.1	1.91	5.79E-01	1.00E+00	-2.15	4.45E-02	5.35E-01
LILRB2	-0.21	6.92E-01	1.00E+00	1.81	4.45E-02	5.35E-01
XLOC_012945	-2.16	3.22E-01	1.00E+00	-3.16	4.45E-02	5.35E-01
PREPL	0.00	9.89E-01	1.00E+00	-0.51	4.46E-02	5.35E-01
HIF1A-AS2	1.25	6.51E-01	1.00E+00	1.59	4.47E-02	5.36E-01
SLC12A2	0.11	8.84E-01	1.00E+00	-0.96	4.47E-02	5.36E-01
SLC17A9	-0.16	7.81E-01	1.00E+00	1.86	4.48E-02	5.37E-01
SPRY4	0.53	2.93E-01	1.00E+00	1.12	4.48E-02	5.37E-01
PSTK	-0.11	7.20E-01	1.00E+00	-0.93	4.49E-02	5.38E-01
ZNF707	-0.22	5.36E-01	1.00E+00	1.49	4.49E-02	5.38E-01

SCAF1	-0.24	3.15E-01	1.00E+00	1.54	4.50E-02	5.38E-01
GPR18	-0.90	5.74E-01	1.00E+00	1.46	4.50E-02	5.38E-01
CLDN11	0.09	8.54E-01	1.00E+00	1.13	4.51E-02	5.38E-01
STRADB	0.96	1.42E-01	1.00E+00	-1.02	4.51E-02	5.38E-01
AC145625.1	0.73	4.18E-01	1.00E+00	1.78	4.51E-02	5.38E-01
AC125603.3	-0.89	7.07E-01	1.00E+00	2.27	4.51E-02	5.38E-01
TMEM206	-0.05	8.95E-01	1.00E+00	0.69	4.52E-02	5.39E-01
ARRDC1	-0.31	3.49E-01	1.00E+00	0.34	4.52E-02	5.39E-01
MYPOP	-0.43	1.24E-01	1.00E+00	1.45	4.52E-02	5.39E-01
RPE65	0.55	7.01E-01	1.00E+00	2.53	4.53E-02	5.39E-01
NUGGC	1.21	2.38E-01	1.00E+00	2.17	4.53E-02	5.39E-01
SYDE2	-0.03	9.37E-01	1.00E+00	-1.35	4.53E-02	5.39E-01
SULT4A1	-2.25	3.27E-01	1.00E+00	2.67	4.54E-02	5.39E-01
XLOC_014409	-1.06	4.70E-01	1.00E+00	-3.87	4.54E-02	5.40E-01
SAMSN1	0.57	3.16E-01	1.00E+00	1.41	4.56E-02	5.41E-01
ADAMTS12	0.16	7.89E-01	1.00E+00	1.37	4.56E-02	5.41E-01
XLOC_003993	0.88	6.54E-01	1.00E+00	-1.98	4.56E-02	5.41E-01
GDPD3	0.14	8.36E-01	1.00E+00	1.12	4.56E-02	5.41E-01
AC008946.1	1.37	2.31E-01	1.00E+00	-1.28	4.56E-02	5.41E-01
CETN3	0.30	2.82E-01	1.00E+00	-0.61	4.57E-02	5.41E-01
LINC01482	-0.60	7.29E-01	1.00E+00	1.96	4.57E-02	5.41E-01
CAVIN3	-0.02	9.56E-01	1.00E+00	0.73	4.57E-02	5.41E-01
CTSB	-0.02	9.46E-01	1.00E+00	0.94	4.57E-02	5.41E-01
TMEM64	0.39	1.24E-01	1.00E+00	-0.69	4.57E-02	5.41E-01
PTPRH	-1.26	3.00E-02	9.97E-01	1.87	4.58E-02	5.41E-01
XLOC_008971	0.68	5.34E-01	1.00E+00	-2.19	4.58E-02	5.41E-01
TMEM252	0.27	6.54E-01	1.00E+00	-2.23	4.58E-02	5.41E-01
FOXP1-IT1	0.18	9.53E-01	1.00E+00	-2.11	4.58E-02	5.41E-01
EIF4E3	0.17	5.39E-01	1.00E+00	-0.76	4.58E-02	5.41E-01
ATP5F1E	0.13	4.33E-01	1.00E+00	-0.71	4.59E-02	5.41E-01
EIF2AK1	-0.10	5.58E-01	1.00E+00	-0.82	4.59E-02	5.41E-01
LNX2	-0.14	6.31E-01	1.00E+00	-0.57	4.59E-02	5.41E-01

RAB4A	0.06	8.20E-01	1.00E+00	-0.77	4.60E-02	5.41E-01
AC005476.2	-2.40	3.30E-02	1.00E+00	-1.30	4.60E-02	5.41E-01
CIC	-0.56	8.55E-03	5.69E-01	1.65	4.61E-02	5.42E-01
KRBOX1	0.20	9.12E-01	1.00E+00	-1.63	4.61E-02	5.42E-01
CACNA1E	-1.97	5.60E-01	1.00E+00	3.01	4.61E-02	5.42E-01
GABARAPL2	0.22	3.60E-01	1.00E+00	-0.62	4.61E-02	5.42E-01
AC022540.1	-0.32	8.61E-01	1.00E+00	2.19	4.62E-02	5.42E-01
PUDP	0.12	6.76E-01	1.00E+00	0.48	4.62E-02	5.42E-01
P3H4	-0.16	5.11E-01	1.00E+00	0.58	4.62E-02	5.42E-01
AC005392.2	NA	NA	NA	3.32	4.62E-02	5.42E-01
CISD3	-0.19	3.45E-01	1.00E+00	-0.46	4.63E-02	5.43E-01
RRBP1	-0.33	2.60E-01	1.00E+00	1.12	4.63E-02	5.43E-01
FGD2	-0.87	2.10E-02	8.94E-01	1.08	4.64E-02	5.43E-01
MCEMP1	NA	NA	NA	3.11	4.64E-02	5.43E-01
AC239800.1	-1.12	6.38E-01	1.00E+00	-1.85	4.64E-02	5.43E-01
WDR72	-0.69	2.75E-01	1.00E+00	-1.40	4.64E-02	5.43E-01
PDGFRL	0.88	8.72E-02	1.00E+00	1.16	4.65E-02	5.43E-01
FMNL1	0.11	7.57E-01	1.00E+00	1.40	4.65E-02	5.43E-01
NUDT22	-0.22	4.12E-01	1.00E+00	0.44	4.65E-02	5.43E-01
AC016925.1	NA	NA	NA	-1.57	4.65E-02	5.43E-01
PARS2	0.19	4.92E-01	1.00E+00	-0.50	4.65E-02	5.43E-01
DHX58	-0.10	8.55E-01	1.00E+00	1.10	4.66E-02	5.43E-01
PPM1E	-4.32	3.24E-04	6.99E-02	2.25	4.66E-02	5.43E-01
AC138969.1	1.35	4.60E-01	1.00E+00	2.10	4.66E-02	5.43E-01
RGS20	-0.38	5.57E-01	1.00E+00	0.90	4.67E-02	5.43E-01
FBXO7	0.12	5.60E-01	1.00E+00	-0.31	4.67E-02	5.43E-01
AGL	-0.08	7.77E-01	1.00E+00	-0.41	4.67E-02	5.43E-01
PCAT18	0.10	9.52E-01	1.00E+00	-2.07	4.67E-02	5.43E-01
CSTF2T	0.05	8.04E-01	1.00E+00	0.46	4.68E-02	5.43E-01
SLC25A40	0.09	7.26E-01	1.00E+00	-0.63	4.68E-02	5.43E-01
CCDC71L	0.10	7.47E-01	1.00E+00	1.48	4.68E-02	5.43E-01
NKIRAS1	0.47	1.35E-01	1.00E+00	-0.76	4.68E-02	5.43E-01

AKR1D1	-1.67	6.27E-01	1.00E+00	-4.17	4.68E-02	5.43E-01
FGF5	-3.56	5.01E-02	1.00E+00	3.86	4.69E-02	5.43E-01
HLA-DMB	-0.62	1.57E-01	1.00E+00	0.75	4.69E-02	5.43E-01
RAB6A	0.12	5.77E-01	1.00E+00	-0.34	4.69E-02	5.43E-01
PLCB4	0.22	6.92E-01	1.00E+00	-0.92	4.69E-02	5.43E-01
CCDC74B	0.17	7.69E-01	1.00E+00	0.71	4.69E-02	5.43E-01
PLA1A	-0.37	6.04E-01	1.00E+00	1.99	4.69E-02	5.43E-01
ANAPC2	-0.22	3.07E-01	1.00E+00	1.14	4.70E-02	5.43E-01
TLNRD1	0.01	9.79E-01	1.00E+00	1.37	4.70E-02	5.43E-01
ANO3	1.71	5.68E-02	1.00E+00	-1.53	4.70E-02	5.43E-01
TCN2	0.47	2.59E-01	1.00E+00	1.04	4.71E-02	5.43E-01
CCDC114	-0.19	7.55E-01	1.00E+00	-2.16	4.71E-02	5.43E-01
SETP14	0.16	8.70E-01	1.00E+00	-0.78	4.71E-02	5.43E-01
SNX8	-0.04	8.83E-01	1.00E+00	0.72	4.72E-02	5.44E-01
MINDY1	-0.11	6.08E-01	1.00E+00	0.41	4.72E-02	5.44E-01
LOXL3	0.12	8.00E-01	1.00E+00	1.36	4.72E-02	5.44E-01
SDHAF3	-0.01	9.68E-01	1.00E+00	-0.93	4.72E-02	5.44E-01
GIMAP5	1.39	3.05E-01	1.00E+00	1.54	4.73E-02	5.45E-01
UBE2FP1	0.94	2.29E-01	1.00E+00	1.30	4.74E-02	5.45E-01
AC093503.1	-1.86	5.23E-01	1.00E+00	-2.18	4.74E-02	5.45E-01
TMEM183B	-0.62	2.69E-01	1.00E+00	-0.83	4.74E-02	5.45E-01
FSD1	1.64	3.79E-01	1.00E+00	2.97	4.75E-02	5.45E-01
ANAPC16	0.09	5.87E-01	1.00E+00	-0.52	4.75E-02	5.45E-01
G4643	1.00	3.63E-01	1.00E+00	1.70	4.75E-02	5.45E-01
FGR	0.42	2.51E-01	1.00E+00	1.55	4.76E-02	5.45E-01
TRBV20-1	-1.75	8.87E-02	1.00E+00	1.54	4.76E-02	5.45E-01
Z73979.1	1.10	1.44E-01	1.00E+00	-1.56	4.76E-02	5.45E-01
TNFRSF13B	-1.15	5.72E-01	1.00E+00	3.31	4.76E-02	5.45E-01
ACAP1	-0.03	9.39E-01	1.00E+00	1.06	4.77E-02	5.45E-01
G19426	-4.10	6.89E-02	1.00E+00	-2.61	4.77E-02	5.45E-01
KMT5B	0.07	7.05E-01	1.00E+00	-0.55	4.77E-02	5.45E-01
GNGT2	0.02	9.70E-01	1.00E+00	1.13	4.77E-02	5.45E-01

FAM81A	-0.21	6.22E-01	1.00E+00	-0.97	4.77E-02	5.45E-01
DTX2P1-UPK3BP1-PMS2P11	-1.87	2.39E-01	1.00E+00	-1.37	4.78E-02	5.45E-01
EGOT	0.60	5.20E-01	1.00E+00	1.38	4.78E-02	5.45E-01
DOK4	0.16	6.89E-01	1.00E+00	-0.83	4.78E-02	5.45E-01
AC025280.3	-2.24	3.17E-01	1.00E+00	1.76	4.78E-02	5.46E-01
ARL4C	-0.32	3.34E-01	1.00E+00	1.00	4.79E-02	5.46E-01
CHRM4	-0.03	9.71E-01	1.00E+00	-2.11	4.79E-02	5.46E-01
OLIG1	-0.53	5.95E-01	1.00E+00	-1.69	4.80E-02	5.47E-01
ASNA1	-0.08	7.02E-01	1.00E+00	0.23	4.80E-02	5.47E-01
IDI1	-0.03	8.99E-01	1.00E+00	-0.75	4.81E-02	5.47E-01
GRM5	-1.24	5.75E-01	1.00E+00	-3.52	4.81E-02	5.47E-01
PSMC3IP	0.02	9.41E-01	1.00E+00	0.49	4.82E-02	5.47E-01
CXCR1	-1.92	4.28E-02	1.00E+00	1.29	4.82E-02	5.47E-01
PATL1	-0.11	6.02E-01	1.00E+00	0.92	4.82E-02	5.47E-01
QPRT	0.12	8.05E-01	1.00E+00	0.85	4.82E-02	5.47E-01
PGM5P4	-0.74	4.11E-02	1.00E+00	-1.31	4.82E-02	5.48E-01
PEBP1	0.09	6.44E-01	1.00E+00	-0.39	4.83E-02	5.48E-01
FMNL2	-0.11	7.93E-01	1.00E+00	1.04	4.83E-02	5.48E-01
IGLJ2	NA	NA	NA	6.22	4.84E-02	5.48E-01
STAG3L5P	-0.23	8.66E-01	1.00E+00	1.29	4.84E-02	5.48E-01
LEMD1	-0.45	6.78E-01	1.00E+00	1.31	4.85E-02	5.49E-01
FOSL1	-3.10	2.83E-02	9.75E-01	1.23	4.86E-02	5.50E-01
SLC38A9	0.28	4.79E-01	1.00E+00	0.65	4.86E-02	5.50E-01
PLEKHO1	-0.51	1.63E-01	1.00E+00	1.43	4.86E-02	5.50E-01
NIPSNAP3B	1.00	1.45E-01	1.00E+00	-1.28	4.87E-02	5.50E-01
AC022306.2	0.61	6.23E-01	1.00E+00	-1.25	4.87E-02	5.50E-01
XLOC_002113	-0.36	5.84E-01	1.00E+00	-1.14	4.87E-02	5.50E-01
RGS10	-0.35	1.22E-01	1.00E+00	0.51	4.87E-02	5.50E-01
PLK2	-0.61	9.82E-02	1.00E+00	0.60	4.88E-02	5.50E-01
AL691432.2	-0.40	1.90E-01	1.00E+00	-0.96	4.88E-02	5.50E-01
RNF128	-0.33	1.69E-01	1.00E+00	-0.90	4.89E-02	5.50E-01
COMMD10	-0.07	7.32E-01	1.00E+00	-0.80	4.89E-02	5.50E-01

AC015908.3	-0.78	5.84E-01	1.00E+00	-1.54	4.89E-02	5.50E-01
RBMS2	0.59	1.13E-01	1.00E+00	0.83	4.90E-02	5.50E-01
ROM1	-0.11	7.42E-01	1.00E+00	0.52	4.90E-02	5.50E-01
ARHGAP4	-0.10	7.50E-01	1.00E+00	1.46	4.90E-02	5.50E-01
IGF2	0.71	2.69E-01	1.00E+00	1.18	4.90E-02	5.50E-01
G33837	-0.08	9.45E-01	1.00E+00	-2.36	4.90E-02	5.50E-01
GSG1L	0.05	9.52E-01	1.00E+00	-2.12	4.90E-02	5.50E-01
AC004943.1	1.58	2.28E-01	1.00E+00	2.33	4.91E-02	5.50E-01
AC004233.3	-1.92	5.78E-01	1.00E+00	-2.52	4.91E-02	5.50E-01
LINC00467	0.08	8.44E-01	1.00E+00	-0.63	4.91E-02	5.50E-01
OVCH1	0.69	6.49E-01	1.00E+00	-2.98	4.91E-02	5.50E-01
GARS-DT	0.17	6.26E-01	1.00E+00	-0.59	4.92E-02	5.50E-01
VWA3B	-1.11	5.61E-01	1.00E+00	2.16	4.92E-02	5.50E-01
TRBV27	0.43	8.26E-01	1.00E+00	2.54	4.92E-02	5.50E-01
CCDC173	-1.18	1.82E-01	1.00E+00	1.40	4.92E-02	5.50E-01
AL031733.2	1.78	1.83E-01	1.00E+00	1.69	4.92E-02	5.50E-01
LCORL	0.05	8.82E-01	1.00E+00	-0.57	4.92E-02	5.50E-01
AP001372.2	-0.11	7.38E-01	1.00E+00	-0.92	4.92E-02	5.50E-01
AC004471.1	0.27	8.79E-01	1.00E+00	-2.33	4.93E-02	5.50E-01
LILRA6	-0.65	3.05E-01	1.00E+00	1.62	4.93E-02	5.50E-01
NDST1	0.02	9.10E-01	1.00E+00	0.88	4.93E-02	5.50E-01
ZNF626	0.29	3.60E-01	1.00E+00	-0.89	4.93E-02	5.50E-01
G8228	0.16	8.63E-01	1.00E+00	1.78	4.93E-02	5.50E-01
PAWR	-0.04	9.11E-01	1.00E+00	-0.54	4.93E-02	5.50E-01
GINM1	0.15	3.72E-01	1.00E+00	-0.38	4.93E-02	5.50E-01
MMAB	0.02	9.32E-01	1.00E+00	-0.40	4.95E-02	5.50E-01
AL357143.1	-1.24	7.19E-01	1.00E+00	3.26	4.95E-02	5.50E-01
NUBP1	-0.18	2.97E-01	1.00E+00	0.46	4.95E-02	5.50E-01
EIF3G	-0.13	4.68E-01	1.00E+00	0.44	4.95E-02	5.50E-01
FAH	1.08	1.27E-01	1.00E+00	-1.05	4.95E-02	5.50E-01
CHRM1	-0.36	5.36E-01	1.00E+00	-1.34	4.95E-02	5.50E-01
FCGR2C	-0.65	4.43E-01	1.00E+00	1.42	4.96E-02	5.50E-01

CXCR2	-0.47	2.42E-01	1.00E+00	0.69	4.96E-02	5.50E-01
LINC01497	0.67	6.97E-01	1.00E+00	-2.47	4.96E-02	5.50E-01
PRMT6	-0.34	2.81E-01	1.00E+00	0.35	4.97E-02	5.51E-01
POU5F1P5	0.19	9.55E-01	1.00E+00	4.33	4.97E-02	5.51E-01
OAZ3	-0.12	8.99E-01	1.00E+00	-0.68	4.98E-02	5.51E-01
HNRNPCP1	1.19	1.46E-01	1.00E+00	1.89	4.98E-02	5.51E-01
MAPKAPK5	-0.17	4.11E-01	1.00E+00	-0.37	4.98E-02	5.51E-01
KLK10	-0.50	2.75E-01	1.00E+00	1.20	4.98E-02	5.51E-01
LINC01215	-0.54	8.74E-01	1.00E+00	3.35	4.99E-02	5.51E-01
ADAMDEC1	-0.87	2.87E-01	1.00E+00	2.80	5.00E-02	5.52E-01
AL138820.1	0.13	9.65E-01	1.00E+00	-2.74	5.00E-02	5.52E-01
AC015911.8	-0.44	7.81E-01	1.00E+00	3.61	5.00E-02	5.52E-01
AC079944.2	-0.34	6.64E-01	1.00E+00	1.31	5.00E-02	5.52E-01
UBE3A	0.11	5.47E-01	1.00E+00	-0.52	5.00E-02	5.52E-01
MYH4	NA	NA	NA	4.42	5.01E-02	5.52E-01
RFLNA	-0.05	9.37E-01	1.00E+00	2.24	5.01E-02	5.52E-01
AL158063.1	-1.24	7.19E-01	1.00E+00	-3.61	5.01E-02	5.52E-01
JAK3	-0.03	9.47E-01	1.00E+00	1.36	5.02E-02	5.53E-01
MKNK1	-0.32	1.48E-01	1.00E+00	0.50	5.02E-02	5.53E-01
HLA-DPB1	-0.63	6.90E-02	1.00E+00	0.83	5.02E-02	5.53E-01
METTL15P1	-2.06	2.36E-01	1.00E+00	1.27	5.03E-02	5.53E-01
TECPR1	-0.09	6.69E-01	1.00E+00	1.08	5.03E-02	5.53E-01
FH	-0.04	7.77E-01	1.00E+00	-0.25	5.03E-02	5.53E-01
ITM2A	0.21	6.55E-01	1.00E+00	-0.98	5.04E-02	5.53E-01
RP11-193H22.2	NA	NA	NA	-4.01	5.04E-02	5.53E-01
EI24	0.12	4.24E-01	1.00E+00	-0.79	5.04E-02	5.53E-01
TXNL4A	-0.03	8.56E-01	1.00E+00	-0.91	5.04E-02	5.53E-01
TMEM218	-0.20	4.58E-01	1.00E+00	-0.68	5.05E-02	5.53E-01
USP45	-0.09	8.01E-01	1.00E+00	-0.41	5.05E-02	5.53E-01
TMEM203	0.14	5.13E-01	1.00E+00	-1.09	5.05E-02	5.53E-01
NRTN	-0.63	2.14E-01	1.00E+00	-1.34	5.05E-02	5.53E-01
INF2	-0.16	5.49E-01	1.00E+00	1.24	5.06E-02	5.53E-01

POLL	0.35	2.99E-01	1.00E+00	0.75	5.07E-02	5.54E-01
DPEP1	-1.24	1.23E-01	1.00E+00	1.90	5.07E-02	5.54E-01
AL354892.2	-0.32	7.07E-01	1.00E+00	-1.18	5.07E-02	5.54E-01
KCNJ8	0.45	3.86E-01	1.00E+00	0.89	5.07E-02	5.54E-01
LKAAEAR1	-1.14	1.87E-01	1.00E+00	-1.77	5.07E-02	5.54E-01
SDK1	-0.39	3.57E-01	1.00E+00	1.70	5.08E-02	5.54E-01
IKZF1	0.07	8.39E-01	1.00E+00	1.22	5.09E-02	5.55E-01
AL391422.1	1.23	1.65E-01	1.00E+00	1.73	5.09E-02	5.55E-01
MIR34AHG	0.65	4.28E-01	1.00E+00	1.75	5.09E-02	5.55E-01
TRIM66	-0.15	7.23E-01	1.00E+00	1.20	5.09E-02	5.55E-01
PPIAP11	1.15	3.50E-01	1.00E+00	-0.81	5.10E-02	5.55E-01
NEUROD2	-0.92	1.17E-01	1.00E+00	-1.38	5.10E-02	5.55E-01
MIR4458HG	-0.60	2.87E-02	9.87E-01	-0.98	5.11E-02	5.55E-01
AL121749.1	-1.86	1.83E-01	1.00E+00	-2.18	5.11E-02	5.55E-01
KLF13	0.16	6.21E-01	1.00E+00	1.11	5.11E-02	5.55E-01
XLOC_004581	-0.10	8.25E-01	1.00E+00	1.93	5.11E-02	5.55E-01
SASH3	-0.22	6.68E-01	1.00E+00	1.53	5.11E-02	5.55E-01
AMZ2	0.08	6.52E-01	1.00E+00	-0.63	5.12E-02	5.55E-01
PON2	-0.29	2.47E-01	1.00E+00	-0.71	5.12E-02	5.55E-01
DPH6-DT	-2.07	2.18E-01	1.00E+00	1.74	5.13E-02	5.55E-01
DENND6B	-0.02	9.40E-01	1.00E+00	1.05	5.13E-02	5.55E-01
CLYBL	-0.33	1.94E-01	1.00E+00	-0.55	5.13E-02	5.55E-01
SLC4A5	1.16	2.65E-01	1.00E+00	1.72	5.13E-02	5.55E-01
SPATA3	-2.93	2.25E-01	1.00E+00	-2.63	5.13E-02	5.55E-01
SERPINB3	-1.29	2.71E-01	1.00E+00	1.78	5.13E-02	5.55E-01
AC134407.2	0.31	6.01E-01	1.00E+00	1.90	5.14E-02	5.55E-01
PEX19	0.43	1.41E-01	1.00E+00	-0.65	5.14E-02	5.55E-01
LMTK3	-0.59	6.86E-02	1.00E+00	1.24	5.14E-02	5.55E-01
ARMC1	0.29	3.52E-01	1.00E+00	-0.36	5.14E-02	5.55E-01
TSSC4	-0.04	8.72E-01	1.00E+00	0.40	5.14E-02	5.55E-01
AC090877.2	-0.69	4.32E-01	1.00E+00	2.03	5.14E-02	5.55E-01
ZBTB25	-0.29	3.00E-01	1.00E+00	-0.45	5.15E-02	5.55E-01

XLOC_012065	-0.24	8.17E-01	1.00E+00	-1.70	5.15E-02	5.55E-01
HTT	0.19	3.24E-01	1.00E+00	0.89	5.15E-02	5.55E-01
HILS1	0.53	6.42E-01	1.00E+00	2.88	5.15E-02	5.55E-01
SNX7	0.09	7.23E-01	1.00E+00	-0.95	5.15E-02	5.55E-01
STXBP6	0.25	5.09E-01	1.00E+00	-0.68	5.16E-02	5.55E-01
NEDD1	0.25	3.86E-01	1.00E+00	-0.42	5.16E-02	5.55E-01
HLA-B	0.04	9.18E-01	1.00E+00	0.90	5.16E-02	5.55E-01
NPIP6	-1.02	3.36E-01	1.00E+00	-1.61	5.17E-02	5.55E-01
WIPF1	0.28	4.15E-01	1.00E+00	0.99	5.17E-02	5.55E-01
ITGAD	0.24	8.66E-01	1.00E+00	2.99	5.17E-02	5.56E-01
DACH1	-0.33	4.98E-01	1.00E+00	-1.01	5.18E-02	5.56E-01
POU2F3	-0.12	7.67E-01	1.00E+00	-1.40	5.18E-02	5.56E-01
DNMT3A	-0.21	5.21E-01	1.00E+00	0.75	5.18E-02	5.56E-01
ZNF319	-0.12	6.71E-01	1.00E+00	1.04	5.18E-02	5.56E-01
SPATA4	-1.86	4.50E-01	1.00E+00	-3.56	5.19E-02	5.56E-01
POU2F1	0.22	4.35E-01	1.00E+00	0.45	5.19E-02	5.56E-01
HMCES	-0.11	4.99E-01	1.00E+00	-0.30	5.19E-02	5.56E-01
CDKL4	-1.08	7.35E-01	1.00E+00	-3.26	5.19E-02	5.56E-01
PRKCE	-0.06	8.52E-01	1.00E+00	0.88	5.20E-02	5.56E-01
GRIN2D	-0.20	6.33E-01	1.00E+00	2.02	5.20E-02	5.56E-01
AC092142.1	-2.66	3.93E-02	1.00E+00	-1.35	5.20E-02	5.56E-01
HOXB-AS2	-0.97	2.70E-01	1.00E+00	-1.82	5.21E-02	5.56E-01
DLEU7	-1.19	2.14E-01	1.00E+00	1.73	5.21E-02	5.56E-01
SMIM4	-0.15	6.33E-01	1.00E+00	-0.81	5.21E-02	5.56E-01
RNU4-62P	-0.74	6.43E-01	1.00E+00	2.51	5.21E-02	5.56E-01
LIPT2	-0.35	4.08E-01	1.00E+00	-0.75	5.21E-02	5.56E-01
KMT2B	-0.33	2.69E-01	1.00E+00	1.45	5.21E-02	5.56E-01
IGLV3-27	0.56	8.71E-01	1.00E+00	4.75	5.21E-02	5.56E-01
TMEM56-RWDD3	-0.34	8.28E-01	1.00E+00	-1.69	5.22E-02	5.56E-01
DIS3L	0.30	1.62E-01	1.00E+00	-0.47	5.22E-02	5.56E-01
IL24	-0.62	4.02E-01	1.00E+00	2.05	5.22E-02	5.56E-01
PSME2	-0.08	8.22E-01	1.00E+00	0.58	5.23E-02	5.56E-01

SNTB2	0.27	1.51E-01	1.00E+00	-0.54	5.23E-02	5.56E-01
ATP2A1	1.18	4.27E-01	1.00E+00	2.64	5.23E-02	5.56E-01
AP001056.2	0.01	9.90E-01	1.00E+00	2.04	5.24E-02	5.57E-01
HSD17B8	0.08	6.99E-01	1.00E+00	-0.70	5.24E-02	5.57E-01
IL32	-0.36	5.07E-01	1.00E+00	1.13	5.25E-02	5.58E-01
ZMYM3	-0.09	7.10E-01	1.00E+00	0.79	5.26E-02	5.58E-01
PRB2	-0.79	3.49E-01	1.00E+00	-1.69	5.26E-02	5.58E-01
NPIPA1	0.04	9.41E-01	1.00E+00	1.18	5.26E-02	5.58E-01
ARID3A	-0.08	8.56E-01	1.00E+00	1.28	5.26E-02	5.58E-01
GVINP1	0.48	5.20E-01	1.00E+00	1.61	5.26E-02	5.58E-01
RNF122	-0.39	4.20E-01	1.00E+00	1.64	5.27E-02	5.58E-01
SYCE1L	0.08	7.99E-01	1.00E+00	-0.69	5.27E-02	5.58E-01
TMEM178A	-0.16	7.43E-01	1.00E+00	-1.49	5.28E-02	5.58E-01
PRPS1	0.07	7.47E-01	1.00E+00	0.45	5.28E-02	5.58E-01
RHBDD3	-0.15	6.45E-01	1.00E+00	0.58	5.28E-02	5.58E-01
CD3G	-1.04	1.51E-01	1.00E+00	0.96	5.29E-02	5.58E-01
AC106820.3	2.85	1.96E-01	1.00E+00	-1.68	5.29E-02	5.58E-01
ING1	0.15	4.16E-01	1.00E+00	0.31	5.29E-02	5.58E-01
AL122017.1	2.12	5.34E-01	1.00E+00	-2.09	5.29E-02	5.58E-01
AC007383.2	-0.18	6.02E-01	1.00E+00	-0.87	5.30E-02	5.58E-01
TIAL1	0.13	3.79E-01	1.00E+00	0.40	5.30E-02	5.58E-01
SGPP1	-0.29	3.10E-01	1.00E+00	-1.01	5.30E-02	5.58E-01
CENPBD1P1	0.07	7.82E-01	1.00E+00	0.59	5.30E-02	5.58E-01
AC104170.1	1.62	1.89E-01	1.00E+00	-1.22	5.30E-02	5.58E-01
RGS7BP	-1.82	1.50E-02	7.62E-01	-1.46	5.30E-02	5.58E-01
MECP2	0.19	5.60E-01	1.00E+00	0.64	5.30E-02	5.58E-01
CAMK2B	-1.60	1.15E-02	6.65E-01	-1.41	5.31E-02	5.59E-01
AC026412.3	-0.30	6.42E-01	1.00E+00	1.21	5.31E-02	5.59E-01
COX5A	-0.24	1.87E-01	1.00E+00	-0.45	5.32E-02	5.59E-01
OXCT1-AS1	1.87	6.18E-02	1.00E+00	-1.58	5.33E-02	5.59E-01
ACTR3B	0.20	7.03E-01	1.00E+00	-0.85	5.33E-02	5.59E-01
PLEKHA2	0.25	3.31E-01	1.00E+00	0.94	5.33E-02	5.59E-01

LY6G5C	0.03	9.62E-01	1.00E+00	-0.92	5.33E-02	5.59E-01
NAGA	-0.22	2.85E-01	1.00E+00	0.49	5.33E-02	5.59E-01
INPP5D	-0.30	3.65E-01	1.00E+00	1.22	5.33E-02	5.59E-01
UPB1	1.25	2.47E-01	1.00E+00	-2.19	5.33E-02	5.59E-01
FAM225A	-1.23	5.39E-01	1.00E+00	2.19	5.34E-02	5.59E-01
LINC01963	0.67	1.38E-01	1.00E+00	-1.05	5.34E-02	5.59E-01
PODN	1.18	3.03E-02	1.00E+00	1.13	5.34E-02	5.59E-01
AC011939.1	1.19	7.31E-01	1.00E+00	-1.61	5.35E-02	5.59E-01
YIPF2	0.04	8.59E-01	1.00E+00	0.46	5.35E-02	5.59E-01
PAFAH1B1	0.14	4.50E-01	1.00E+00	0.55	5.35E-02	5.59E-01
AC008592.3	-0.83	1.42E-01	1.00E+00	0.73	5.36E-02	5.59E-01
AC106047.1	-0.31	8.37E-01	1.00E+00	-1.37	5.36E-02	5.59E-01
XLOC_005754	-1.34	5.84E-01	1.00E+00	-2.61	5.36E-02	5.59E-01
TRAV9-2	-1.22	6.45E-01	1.00E+00	1.90	5.36E-02	5.59E-01
NIT1	0.04	8.21E-01	1.00E+00	0.34	5.37E-02	5.59E-01
AMZ1	-2.98	4.80E-02	1.00E+00	1.96	5.37E-02	5.59E-01
ZNF283	0.22	3.65E-01	1.00E+00	-0.62	5.37E-02	5.60E-01
SLC25A10	0.23	5.13E-01	1.00E+00	-0.74	5.38E-02	5.60E-01
MTMR3	0.10	6.89E-01	1.00E+00	0.52	5.38E-02	5.60E-01
ZNF84	0.08	7.92E-01	1.00E+00	-0.64	5.38E-02	5.60E-01
PQLC2	-0.18	5.77E-01	1.00E+00	0.55	5.39E-02	5.61E-01
LINC01242	NA	NA	NA	-4.08	5.39E-02	5.61E-01
HLA-DRB6	-0.86	3.07E-01	1.00E+00	0.99	5.40E-02	5.61E-01
SMIM19	0.10	5.61E-01	1.00E+00	-0.83	5.40E-02	5.61E-01
MAOA	1.03	3.16E-03	2.95E-01	-0.85	5.40E-02	5.61E-01
ALDH1L2	-0.05	9.32E-01	1.00E+00	1.02	5.41E-02	5.62E-01
RBM12	-0.10	4.77E-01	1.00E+00	0.44	5.42E-02	5.62E-01
TMEM52	-1.10	2.41E-02	9.18E-01	-1.06	5.42E-02	5.62E-01
DHX33	-0.10	5.79E-01	1.00E+00	0.73	5.42E-02	5.62E-01
DKK3	-0.07	8.27E-01	1.00E+00	0.51	5.42E-02	5.62E-01
SCML2P2	-2.45	9.98E-02	1.00E+00	2.36	5.43E-02	5.62E-01
TMEM161B-AS1	-0.16	6.54E-01	1.00E+00	-0.86	5.44E-02	5.63E-01

LINC02384	-0.08	9.66E-01	1.00E+00	1.34	5.44E-02	5.63E-01
G10488	-1.79	1.48E-01	1.00E+00	-2.46	5.44E-02	5.63E-01
AC027307.2	0.07	8.62E-01	1.00E+00	0.82	5.44E-02	5.63E-01
CFAP43	-1.38	2.82E-02	9.75E-01	-1.60	5.45E-02	5.63E-01
TRAV13-1	0.05	9.70E-01	1.00E+00	1.95	5.45E-02	5.63E-01
AC022210.1	-0.86	7.00E-01	1.00E+00	-1.71	5.45E-02	5.63E-01
WASH7P	0.14	6.60E-01	1.00E+00	1.17	5.45E-02	5.63E-01
TNS3	0.66	1.88E-01	1.00E+00	1.10	5.46E-02	5.64E-01
SPNS1	0.36	7.69E-01	1.00E+00	1.90	5.46E-02	5.64E-01
HMG2P5	0.15	6.35E-01	1.00E+00	-0.72	5.47E-02	5.64E-01
TRBV4-1	-2.12	3.86E-01	1.00E+00	2.39	5.47E-02	5.64E-01
IGHV3-11	6.41	5.39E-05	1.42E-02	4.27	5.48E-02	5.64E-01
CNTNAP1	-0.28	5.62E-01	1.00E+00	1.69	5.48E-02	5.64E-01
TPD52L1	0.08	8.11E-01	1.00E+00	-0.64	5.50E-02	5.66E-01
SVBP	-0.09	7.60E-01	1.00E+00	-0.78	5.51E-02	5.67E-01
OXGR1	0.09	9.21E-01	1.00E+00	-1.24	5.51E-02	5.67E-01
XLOC_011298	0.09	9.80E-01	1.00E+00	2.82	5.52E-02	5.67E-01
TREX2	-0.10	8.72E-01	1.00E+00	1.30	5.52E-02	5.67E-01
IMPA2	0.07	8.26E-01	1.00E+00	-0.97	5.52E-02	5.67E-01
TMEM237	0.14	3.81E-01	1.00E+00	-0.65	5.52E-02	5.67E-01
CENPB	-0.23	3.21E-01	1.00E+00	1.22	5.52E-02	5.67E-01
CEND1	-0.93	4.31E-01	1.00E+00	2.02	5.53E-02	5.67E-01
ST8SIA2	-3.67	2.15E-02	8.94E-01	2.95	5.54E-02	5.68E-01
DCHS1	0.28	4.76E-01	1.00E+00	1.63	5.54E-02	5.68E-01
XLOC_009092	-2.62	7.99E-02	1.00E+00	-1.84	5.55E-02	5.68E-01
NOP9	-0.01	9.42E-01	1.00E+00	1.05	5.55E-02	5.68E-01
HLA-H	-0.39	5.89E-01	1.00E+00	0.86	5.55E-02	5.68E-01
GOLM1	0.06	8.90E-01	1.00E+00	0.97	5.55E-02	5.68E-01
MLLT1	-0.21	3.92E-01	1.00E+00	1.09	5.55E-02	5.68E-01
CNTLN	-0.33	2.80E-01	1.00E+00	-0.33	5.56E-02	5.68E-01
MBD6	-0.53	6.81E-02	1.00E+00	1.41	5.56E-02	5.68E-01
FCGR2A	0.21	5.05E-01	1.00E+00	1.08	5.57E-02	5.68E-01

CASC10	-0.46	1.90E-01	1.00E+00	-0.76	5.57E-02	5.68E-01
COX6A1P2	-0.29	7.34E-01	1.00E+00	-1.12	5.57E-02	5.68E-01
AL157373.2	-0.12	9.14E-01	1.00E+00	-2.10	5.57E-02	5.68E-01
LINC01943	-2.78	7.45E-02	1.00E+00	1.59	5.58E-02	5.69E-01
ZNF667-AS1	0.51	1.59E-01	1.00E+00	-0.98	5.58E-02	5.69E-01
SYT17	0.39	3.41E-01	1.00E+00	-0.92	5.59E-02	5.69E-01
HOGA1	0.65	3.23E-01	1.00E+00	-1.24	5.59E-02	5.69E-01
LUM	0.63	1.99E-01	1.00E+00	0.96	5.59E-02	5.69E-01
NFU1	0.15	6.12E-01	1.00E+00	-0.56	5.59E-02	5.69E-01
CHPT1	0.44	1.70E-01	1.00E+00	-1.09	5.59E-02	5.69E-01
DTX3	0.15	7.19E-01	1.00E+00	0.73	5.59E-02	5.69E-01
STRIP2	-0.56	3.95E-01	1.00E+00	1.91	5.60E-02	5.69E-01
DPH6	-0.22	4.80E-01	1.00E+00	-0.58	5.60E-02	5.69E-01
AL122058.1	-1.56	8.10E-02	1.00E+00	-1.65	5.62E-02	5.71E-01
AP001596.1	0.15	9.29E-01	1.00E+00	-2.26	5.63E-02	5.71E-01
KIF26B	-0.38	3.99E-01	1.00E+00	1.43	5.63E-02	5.71E-01
TTC9C	0.05	8.30E-01	1.00E+00	0.40	5.63E-02	5.71E-01
SMAD2	0.09	5.28E-01	1.00E+00	-0.35	5.63E-02	5.71E-01
NLRP3	0.23	4.66E-01	1.00E+00	1.32	5.64E-02	5.71E-01
XAF1	-0.28	7.20E-01	1.00E+00	1.31	5.65E-02	5.72E-01
RLN1	0.09	9.56E-01	1.00E+00	-1.71	5.66E-02	5.73E-01
LDHAP4	-0.43	6.74E-01	1.00E+00	-1.21	5.66E-02	5.73E-01
DYNLL2	0.15	4.47E-01	1.00E+00	1.21	5.67E-02	5.73E-01
ADGRG2	0.93	2.05E-01	1.00E+00	-1.18	5.68E-02	5.74E-01
FAM200B	0.29	2.67E-01	1.00E+00	-0.74	5.68E-02	5.74E-01
SCIN	-0.36	1.94E-01	1.00E+00	-0.73	5.69E-02	5.75E-01
GPR162	-0.88	1.81E-01	1.00E+00	2.07	5.70E-02	5.75E-01
ITIH3	-1.30	1.54E-01	1.00E+00	2.24	5.70E-02	5.75E-01
CLDN17	1.76	4.01E-01	1.00E+00	2.28	5.70E-02	5.75E-01
LMCD1-AS1	-0.78	4.04E-01	1.00E+00	1.12	5.70E-02	5.75E-01
ZSWIM7	0.23	2.88E-01	1.00E+00	-0.49	5.70E-02	5.75E-01
ICAM5	-2.29	1.50E-02	7.62E-01	2.75	5.70E-02	5.75E-01

ALDH9A1	0.25	2.87E-01	1.00E+00	-0.29	5.71E-02	5.75E-01
JHY	-0.07	8.03E-01	1.00E+00	-0.68	5.71E-02	5.75E-01
RAB44	0.70	1.59E-01	1.00E+00	1.72	5.72E-02	5.76E-01
PTPRC	-0.44	4.43E-01	1.00E+00	0.99	5.72E-02	5.76E-01
VGLL1	1.73	4.03E-01	1.00E+00	3.88	5.72E-02	5.76E-01
EAF1	0.15	5.95E-01	1.00E+00	0.47	5.73E-02	5.76E-01
ZNF138	-0.57	1.51E-01	1.00E+00	-0.79	5.74E-02	5.77E-01
ARL11	0.55	2.66E-01	1.00E+00	1.26	5.75E-02	5.77E-01
FOLH1	-0.56	3.53E-01	1.00E+00	0.86	5.76E-02	5.78E-01
LAMB1	-0.09	7.74E-01	1.00E+00	1.04	5.76E-02	5.78E-01
SRP9	0.19	4.33E-01	1.00E+00	-0.73	5.76E-02	5.78E-01
PENT	0.18	6.53E-01	1.00E+00	-0.73	5.77E-02	5.79E-01
CCDC159	0.11	7.71E-01	1.00E+00	0.37	5.78E-02	5.79E-01
MERTK	0.22	6.22E-01	1.00E+00	1.06	5.78E-02	5.79E-01
GLT8D2	0.39	3.63E-01	1.00E+00	0.68	5.78E-02	5.79E-01
HNRNPA1P50	-0.25	9.41E-01	1.00E+00	-1.97	5.78E-02	5.79E-01
AKAP13	-0.10	6.09E-01	1.00E+00	0.40	5.79E-02	5.79E-01
C11orf1	-0.22	3.33E-01	1.00E+00	-0.71	5.79E-02	5.79E-01
C14orf28	0.15	6.21E-01	1.00E+00	-0.64	5.79E-02	5.79E-01
FLJ46906	-0.28	6.86E-01	1.00E+00	0.64	5.80E-02	5.79E-01
DES11	-0.24	3.96E-01	1.00E+00	0.62	5.80E-02	5.80E-01
SLC43A3	-0.08	7.32E-01	1.00E+00	0.49	5.81E-02	5.80E-01
FAM47E	-0.85	3.63E-01	1.00E+00	-1.29	5.81E-02	5.80E-01
AC068491.4	1.25	7.09E-01	1.00E+00	1.60	5.81E-02	5.80E-01
ATG9B	0.04	9.51E-01	1.00E+00	0.70	5.82E-02	5.81E-01
LMO7-AS1	-0.93	5.10E-01	1.00E+00	-1.24	5.83E-02	5.81E-01
XLOC_001341	-0.19	9.56E-01	1.00E+00	-1.98	5.83E-02	5.81E-01
MS4A1	-1.40	3.62E-01	1.00E+00	2.54	5.83E-02	5.81E-01
IKBKE	-0.03	9.28E-01	1.00E+00	0.71	5.83E-02	5.81E-01
PYCR1	-0.79	4.95E-02	1.00E+00	0.62	5.84E-02	5.81E-01
HCG22	0.92	3.26E-01	1.00E+00	2.65	5.84E-02	5.81E-01
AC124276.1	-0.71	5.86E-01	1.00E+00	-2.75	5.85E-02	5.81E-01

CYP2E1	-0.05	9.47E-01	1.00E+00	-1.28	5.85E-02	5.81E-01
SMIM34B	-0.89	4.77E-01	1.00E+00	1.57	5.85E-02	5.81E-01
TMEM119	-0.05	8.94E-01	1.00E+00	1.21	5.85E-02	5.81E-01
LINC00672	-1.19	3.54E-01	1.00E+00	1.77	5.85E-02	5.81E-01
BCL9L	-0.55	3.88E-02	1.00E+00	1.65	5.85E-02	5.81E-01
DENND3	0.55	1.85E-01	1.00E+00	1.44	5.86E-02	5.81E-01
PIK3CG	0.33	5.11E-01	1.00E+00	1.32	5.86E-02	5.81E-01
TCEA1	0.16	4.45E-01	1.00E+00	-0.34	5.86E-02	5.81E-01
CRNN	-0.69	3.14E-01	1.00E+00	1.56	5.86E-02	5.81E-01
AL390036.1	-0.50	7.70E-01	1.00E+00	1.36	5.87E-02	5.81E-01
ISOC1	0.13	5.40E-01	1.00E+00	-0.79	5.87E-02	5.81E-01
SURF1	-0.08	7.58E-01	1.00E+00	-0.90	5.87E-02	5.81E-01
XLOC_004431	0.78	4.02E-01	1.00E+00	-2.41	5.87E-02	5.81E-01
MPC2	0.10	6.58E-01	1.00E+00	-0.85	5.87E-02	5.81E-01
SLC14A2	2.27	5.18E-02	1.00E+00	-1.97	5.88E-02	5.81E-01
AKAP3	-0.78	4.82E-02	1.00E+00	-1.13	5.89E-02	5.81E-01
AC023301.1	-0.37	8.08E-01	1.00E+00	-2.60	5.89E-02	5.81E-01
AC010624.1	-2.85	3.19E-01	1.00E+00	2.62	5.89E-02	5.81E-01
CBFB	-0.02	9.33E-01	1.00E+00	-0.56	5.89E-02	5.81E-01
HADHAP2	-0.46	7.75E-01	1.00E+00	-1.08	5.90E-02	5.81E-01
SKIDA1	0.25	6.65E-01	1.00E+00	-0.82	5.90E-02	5.81E-01
AC012360.2	2.38	3.04E-01	1.00E+00	-2.25	5.90E-02	5.81E-01
AL139353.1	-0.24	8.23E-01	1.00E+00	-1.12	5.90E-02	5.81E-01
HIST2H3DP1	0.88	6.25E-01	1.00E+00	1.86	5.91E-02	5.81E-01
FUT4	0.08	8.38E-01	1.00E+00	1.48	5.91E-02	5.81E-01
ZNF677	0.02	9.34E-01	1.00E+00	-0.61	5.91E-02	5.81E-01
IRS3P	1.20	5.68E-01	1.00E+00	2.36	5.91E-02	5.81E-01
PIWIL2	0.66	3.16E-01	1.00E+00	-2.02	5.91E-02	5.81E-01
DHTKD1	0.07	6.87E-01	1.00E+00	-0.42	5.91E-02	5.81E-01
NOCT	-1.06	2.07E-02	8.94E-01	1.08	5.92E-02	5.81E-01
PCDHGA12	0.05	8.33E-01	1.00E+00	1.18	5.92E-02	5.82E-01
AC018644.1	0.41	8.06E-01	1.00E+00	2.50	5.93E-02	5.82E-01

G33706	-0.14	9.38E-01	1.00E+00	-1.08	5.94E-02	5.82E-01
XPR1	-0.13	5.97E-01	1.00E+00	0.62	5.94E-02	5.82E-01
GPR107	0.13	5.60E-01	1.00E+00	0.71	5.94E-02	5.82E-01
ZNF91	0.17	5.24E-01	1.00E+00	-0.65	5.94E-02	5.82E-01
HADHB	-0.04	8.50E-01	1.00E+00	-0.32	5.94E-02	5.82E-01
CCDC144B	0.90	3.60E-01	1.00E+00	-1.06	5.95E-02	5.82E-01
MTSS1L	-0.31	2.96E-01	1.00E+00	1.31	5.95E-02	5.82E-01
AL450322.2	-1.79	2.16E-01	1.00E+00	1.78	5.95E-02	5.82E-01
XLOC_004625	0.38	9.14E-01	1.00E+00	-3.04	5.95E-02	5.82E-01
CLDN10	0.18	8.87E-01	1.00E+00	-1.42	5.96E-02	5.82E-01
BTN3A1	0.07	8.59E-01	1.00E+00	0.79	5.96E-02	5.82E-01
KLK14	-0.31	5.92E-01	1.00E+00	1.22	5.96E-02	5.82E-01
RPS15AP10	-0.31	8.67E-01	1.00E+00	-1.86	5.97E-02	5.83E-01
SARAF	0.13	4.06E-01	1.00E+00	-0.37	5.97E-02	5.83E-01
ZNF143	0.03	8.71E-01	1.00E+00	-0.31	5.97E-02	5.83E-01
RP11-782C8.1	-0.63	4.57E-01	1.00E+00	-1.04	5.97E-02	5.83E-01
ITGAX	-0.24	7.04E-01	1.00E+00	1.70	5.98E-02	5.83E-01
NAMPT	-0.32	2.52E-01	1.00E+00	0.76	5.98E-02	5.83E-01
COL6A2	-0.02	9.54E-01	1.00E+00	1.46	5.98E-02	5.83E-01
RAB43	-0.34	3.91E-01	1.00E+00	1.70	5.99E-02	5.83E-01
RBMX2	0.06	6.87E-01	1.00E+00	0.45	5.99E-02	5.83E-01
PRELID3A	-0.69	1.77E-01	1.00E+00	1.41	5.99E-02	5.83E-01
SOWAHD	-1.48	1.70E-02	8.22E-01	2.34	5.99E-02	5.83E-01
ANO8	-0.26	5.91E-01	1.00E+00	1.72	6.00E-02	5.83E-01
MGRN1	-0.21	3.06E-01	1.00E+00	1.05	6.00E-02	5.83E-01
UBE2R2-AS1	1.25	3.35E-01	1.00E+00	2.52	6.01E-02	5.83E-01
TXLNB	0.14	7.48E-01	1.00E+00	1.27	6.01E-02	5.83E-01
ARMH4	-0.31	4.59E-01	1.00E+00	-0.53	6.01E-02	5.83E-01
GULP1	-0.07	7.91E-01	1.00E+00	-0.67	6.01E-02	5.83E-01
CDC37L1	0.14	4.77E-01	1.00E+00	-0.48	6.01E-02	5.83E-01
TEKT1	-0.89	7.93E-01	1.00E+00	2.03	6.01E-02	5.83E-01
AL355355.1	0.53	5.67E-01	1.00E+00	-1.66	6.02E-02	5.84E-01

AC135977.1	0.82	7.53E-01	1.00E+00	-1.90	6.03E-02	5.84E-01
AL118508.1	0.01	9.94E-01	1.00E+00	-1.60	6.03E-02	5.84E-01
DUT	0.19	3.38E-01	1.00E+00	-0.74	6.03E-02	5.84E-01
KCNK12	-0.41	6.67E-01	1.00E+00	2.27	6.04E-02	5.84E-01
CRMP1	0.13	7.48E-01	1.00E+00	1.09	6.04E-02	5.84E-01
OCRL	0.09	6.80E-01	1.00E+00	0.58	6.04E-02	5.85E-01
MSL3	0.39	2.27E-01	1.00E+00	0.40	6.04E-02	5.85E-01
REEP1	0.25	5.57E-01	1.00E+00	-1.13	6.05E-02	5.85E-01
MEIG1	-2.77	1.54E-01	1.00E+00	-2.20	6.06E-02	5.85E-01
MIIP	-0.49	8.27E-02	1.00E+00	0.39	6.06E-02	5.85E-01
NDST1-AS1	0.69	7.61E-01	1.00E+00	-1.48	6.06E-02	5.85E-01
SEMA7A	-0.26	5.94E-01	1.00E+00	1.51	6.06E-02	5.85E-01
TMX2P1	0.25	5.23E-01	1.00E+00	1.08	6.06E-02	5.85E-01
WSCD2	-0.09	8.87E-01	1.00E+00	-1.61	6.06E-02	5.85E-01
GSPT1	0.15	3.50E-01	1.00E+00	-0.71	6.07E-02	5.85E-01
ABCD1	-0.33	4.37E-01	1.00E+00	1.36	6.08E-02	5.85E-01
SOX9-AS1	-1.00	1.18E-01	1.00E+00	-1.12	6.08E-02	5.85E-01
NRARP	-1.74	2.16E-02	8.94E-01	-1.35	6.08E-02	5.85E-01
CD300LG	1.07	2.12E-01	1.00E+00	-1.40	6.08E-02	5.85E-01
ZFPM2-AS1	1.76	4.11E-01	1.00E+00	-2.33	6.08E-02	5.85E-01
FAM111A	0.00	9.96E-01	1.00E+00	0.41	6.08E-02	5.85E-01
STIM2	-0.13	5.37E-01	1.00E+00	-0.58	6.08E-02	5.85E-01
GPR160	0.57	3.33E-01	1.00E+00	-0.91	6.09E-02	5.85E-01
FER1L6	1.75	4.51E-01	1.00E+00	3.36	6.09E-02	5.85E-01
RAB1C	-0.58	8.67E-01	1.00E+00	1.51	6.09E-02	5.85E-01
TMEM70	0.08	7.54E-01	1.00E+00	-0.46	6.10E-02	5.85E-01
AL603756.1	1.27	4.02E-01	1.00E+00	1.53	6.10E-02	5.85E-01
MIR4435-2HG	0.70	7.12E-02	1.00E+00	0.94	6.10E-02	5.85E-01
SUCLG2-AS1	0.30	6.90E-01	1.00E+00	-1.14	6.10E-02	5.85E-01
PCDH9	0.38	6.08E-01	1.00E+00	-1.12	6.11E-02	5.85E-01
TRIM34	-1.09	6.50E-01	1.00E+00	1.46	6.11E-02	5.85E-01
PDHA1	0.05	8.57E-01	1.00E+00	-0.44	6.11E-02	5.85E-01

PARVB	0.33	3.27E-01	1.00E+00	0.73	6.11E-02	5.85E-01
RHOT1	0.27	4.60E-01	1.00E+00	-0.58	6.12E-02	5.85E-01
IRS1	0.14	7.02E-01	1.00E+00	1.00	6.12E-02	5.85E-01
IGF2R	0.43	1.47E-01	1.00E+00	1.18	6.12E-02	5.85E-01
RNF13	-0.13	4.38E-01	1.00E+00	-0.50	6.12E-02	5.85E-01
MKRN3	-0.24	8.05E-01	1.00E+00	-2.09	6.13E-02	5.86E-01
DOK5	0.78	3.31E-01	1.00E+00	0.86	6.14E-02	5.86E-01
ALDH1A2	0.66	3.01E-01	1.00E+00	-1.02	6.14E-02	5.86E-01
ROS1	0.08	9.76E-01	1.00E+00	-3.75	6.15E-02	5.86E-01
AP001830.1	-2.28	4.71E-02	1.00E+00	-1.43	6.15E-02	5.86E-01
BHLHE22	-0.55	3.30E-01	1.00E+00	1.53	6.15E-02	5.86E-01
WASHC1	-0.36	3.17E-01	1.00E+00	0.58	6.15E-02	5.86E-01
XLOC_014271	1.17	5.59E-01	1.00E+00	-2.86	6.16E-02	5.86E-01
FOLR3	-0.20	8.48E-01	1.00E+00	1.52	6.16E-02	5.86E-01
PAIP1	0.05	8.10E-01	1.00E+00	-0.57	6.16E-02	5.86E-01
APH1A	0.18	3.16E-01	1.00E+00	0.57	6.16E-02	5.86E-01
SCGB3A1	1.24	2.02E-01	1.00E+00	-1.08	6.16E-02	5.86E-01
NKX2-5	-3.60	3.58E-02	1.00E+00	1.39	6.17E-02	5.86E-01
DAPK3	-0.21	3.68E-01	1.00E+00	0.62	6.17E-02	5.86E-01
TLR3	0.09	8.42E-01	1.00E+00	0.67	6.17E-02	5.86E-01
ZFHX4	0.96	1.75E-01	1.00E+00	0.87	6.17E-02	5.86E-01
HLA-DQA2	-1.92	1.45E-03	2.09E-01	1.54	6.18E-02	5.87E-01
SLC25A4	0.02	9.65E-01	1.00E+00	-0.57	6.18E-02	5.87E-01
AL031432.4	-1.11	3.01E-01	1.00E+00	-1.78	6.19E-02	5.87E-01
PMS2P1	-0.06	8.42E-01	1.00E+00	-0.53	6.19E-02	5.87E-01
LINC02551	-0.97	5.61E-01	1.00E+00	2.48	6.20E-02	5.87E-01
HLA-DOA	-0.79	3.63E-02	1.00E+00	1.12	6.20E-02	5.87E-01
G32185	-0.94	7.85E-01	1.00E+00	2.67	6.20E-02	5.87E-01
YIPF3	-0.09	6.30E-01	1.00E+00	0.22	6.20E-02	5.87E-01
PSD3	0.06	8.66E-01	1.00E+00	0.54	6.20E-02	5.87E-01
AC005041.3	-0.73	6.46E-01	1.00E+00	1.76	6.20E-02	5.87E-01
TRIO	0.11	6.28E-01	1.00E+00	1.14	6.21E-02	5.87E-01

TNRC18	-0.50	9.07E-02	1.00E+00	1.66	6.21E-02	5.87E-01
RRAGC	0.13	5.43E-01	1.00E+00	0.40	6.21E-02	5.87E-01
HYPK	2.08	3.06E-03	2.89E-01	-1.00	6.22E-02	5.87E-01
PAG1	0.05	8.73E-01	1.00E+00	0.56	6.22E-02	5.87E-01
TCTA	0.09	7.68E-01	1.00E+00	-0.46	6.22E-02	5.87E-01
STON2	-0.59	2.47E-02	9.28E-01	0.50	6.22E-02	5.87E-01
G22722	0.47	5.21E-01	1.00E+00	-2.38	6.24E-02	5.88E-01
G43442	-2.32	4.29E-01	1.00E+00	2.28	6.24E-02	5.88E-01
EEF1A1P14	-2.72	4.11E-01	1.00E+00	1.77	6.24E-02	5.88E-01
RMI2	-0.09	8.18E-01	1.00E+00	-1.27	6.25E-02	5.88E-01
IGFBP4	0.47	2.01E-01	1.00E+00	1.33	6.25E-02	5.88E-01
CSF1R	-0.19	6.69E-01	1.00E+00	1.02	6.25E-02	5.88E-01
ZNF256	-0.36	3.11E-01	1.00E+00	-0.81	6.26E-02	5.88E-01
FXVD2	-0.91	6.17E-01	1.00E+00	1.58	6.26E-02	5.88E-01
ZNF426-DT	0.43	5.40E-01	1.00E+00	-1.21	6.26E-02	5.88E-01
AC025034.1	0.19	8.73E-01	1.00E+00	1.84	6.26E-02	5.88E-01
NUDT12	-0.04	9.02E-01	1.00E+00	-0.51	6.27E-02	5.88E-01
CALCR	-1.29	5.09E-01	1.00E+00	2.54	6.27E-02	5.88E-01
MAP4K3	0.26	3.20E-01	1.00E+00	-0.66	6.27E-02	5.88E-01
XLOC_007094	0.58	8.01E-01	1.00E+00	-2.53	6.27E-02	5.88E-01
AC092881.1	2.87	1.92E-01	1.00E+00	-2.62	6.27E-02	5.88E-01
MTATP6P1	0.07	9.21E-01	1.00E+00	-1.07	6.27E-02	5.88E-01
ABCG1	-0.01	9.68E-01	1.00E+00	0.88	6.28E-02	5.88E-01
AC015802.3	-2.55	1.83E-01	1.00E+00	-1.54	6.28E-02	5.89E-01
STK16	-0.14	4.61E-01	1.00E+00	0.39	6.29E-02	5.89E-01
TANC2	-0.35	1.34E-01	1.00E+00	0.89	6.29E-02	5.89E-01
NDUFB2	0.27	2.12E-01	1.00E+00	-1.03	6.30E-02	5.89E-01
HNRNPKP2	-1.68	6.27E-01	1.00E+00	-0.95	6.30E-02	5.89E-01
CCDC18-AS1	0.14	7.69E-01	1.00E+00	0.61	6.30E-02	5.89E-01
ZNF772	0.49	2.25E-01	1.00E+00	-0.85	6.31E-02	5.89E-01
AC087501.4	-0.69	4.45E-01	1.00E+00	0.93	6.31E-02	5.89E-01
CCDC88B	-0.15	7.71E-01	1.00E+00	1.70	6.31E-02	5.89E-01

ZNF676	-1.28	2.66E-01	1.00E+00	-1.52	6.31E-02	5.89E-01
ACKR2	0.05	9.21E-01	1.00E+00	1.13	6.31E-02	5.89E-01
ZNF879	0.26	4.82E-01	1.00E+00	-0.74	6.32E-02	5.90E-01
NMRK1	0.25	1.78E-01	1.00E+00	-0.45	6.33E-02	5.90E-01
NANOS3	0.00	9.97E-01	1.00E+00	-1.40	6.34E-02	5.91E-01
CCL4	-0.94	2.33E-01	1.00E+00	1.22	6.34E-02	5.91E-01
SHLD2P1	1.43	5.10E-01	1.00E+00	1.23	6.34E-02	5.91E-01
SUSD6	0.00	9.93E-01	1.00E+00	0.61	6.35E-02	5.91E-01
TRADD	-0.28	3.05E-01	1.00E+00	0.38	6.35E-02	5.91E-01
MCCC2	0.02	9.17E-01	1.00E+00	-0.34	6.35E-02	5.91E-01
LAPTM4B	-0.05	8.20E-01	1.00E+00	-0.88	6.36E-02	5.91E-01
AC112220.2	0.18	5.57E-01	1.00E+00	0.50	6.36E-02	5.91E-01
NDUFAF8	-0.34	1.10E-01	1.00E+00	-0.60	6.36E-02	5.91E-01
AC092140.2	-2.28	3.16E-01	1.00E+00	-2.10	6.37E-02	5.91E-01
RANBP1	-0.22	2.67E-01	1.00E+00	-0.58	6.37E-02	5.91E-01
TPI1	-0.13	2.70E-01	1.00E+00	0.32	6.37E-02	5.91E-01
HMCN1	-0.15	6.86E-01	1.00E+00	1.17	6.37E-02	5.91E-01
RPS10	-1.93	3.78E-01	1.00E+00	-1.16	6.37E-02	5.91E-01
ZNF22	0.38	1.77E-01	1.00E+00	-0.68	6.38E-02	5.91E-01
TRAF3IP2-AS1	0.55	1.81E-01	1.00E+00	-0.81	6.38E-02	5.91E-01
LINC01235	0.55	5.78E-01	1.00E+00	1.06	6.38E-02	5.91E-01
IL4R	-0.25	4.62E-01	1.00E+00	1.27	6.39E-02	5.91E-01
PLSCR2	0.68	7.24E-01	1.00E+00	1.84	6.39E-02	5.91E-01
C1R	0.52	1.96E-01	1.00E+00	0.96	6.39E-02	5.91E-01
CHST14	0.21	5.00E-01	1.00E+00	1.18	6.39E-02	5.91E-01
STARD4-AS1	-0.64	4.66E-01	1.00E+00	1.23	6.40E-02	5.91E-01
CTSH	-0.46	1.74E-01	1.00E+00	0.65	6.40E-02	5.91E-01
DDX25	-0.13	8.26E-01	1.00E+00	-1.22	6.40E-02	5.91E-01
ANKRD31	0.00	9.98E-01	1.00E+00	1.53	6.42E-02	5.93E-01
RAB30-AS1	-0.02	9.65E-01	1.00E+00	-0.87	6.43E-02	5.93E-01
APBA2	-0.94	3.78E-02	1.00E+00	1.44	6.43E-02	5.93E-01
TAPBPL	-0.19	4.93E-01	1.00E+00	0.48	6.43E-02	5.93E-01

TTLL3	0.52	2.61E-01	1.00E+00	0.74	6.44E-02	5.93E-01
NTSR1	-2.25	1.55E-02	7.76E-01	2.26	6.44E-02	5.93E-01
AL133243.3	-0.39	6.29E-01	1.00E+00	0.95	6.44E-02	5.93E-01
CHRFAM7A	1.41	1.43E-01	1.00E+00	1.40	6.44E-02	5.93E-01
C3orf86	-2.36	3.95E-01	1.00E+00	2.01	6.45E-02	5.93E-01
HACD3	0.16	5.58E-01	1.00E+00	-0.40	6.45E-02	5.93E-01
AL360181.2	-2.03	1.89E-01	1.00E+00	1.83	6.45E-02	5.93E-01
AC125807.2	-0.30	3.95E-01	1.00E+00	1.34	6.45E-02	5.93E-01
XLOC_008935	-0.18	8.31E-01	1.00E+00	1.77	6.45E-02	5.93E-01
PAXIP1-AS2	0.04	9.27E-01	1.00E+00	0.48	6.45E-02	5.93E-01
XLOC_010389	2.47	4.68E-01	1.00E+00	-2.81	6.45E-02	5.93E-01
EPM2A	0.03	9.31E-01	1.00E+00	-0.77	6.46E-02	5.93E-01
KIF5C	-1.26	4.09E-02	1.00E+00	1.16	6.46E-02	5.93E-01
THG1L	0.06	8.22E-01	1.00E+00	0.53	6.47E-02	5.94E-01
AHRR	0.11	7.79E-01	1.00E+00	1.28	6.47E-02	5.94E-01
RAB42	0.46	4.34E-01	1.00E+00	1.39	6.47E-02	5.94E-01
AC099850.3	-0.37	6.00E-01	1.00E+00	1.69	6.48E-02	5.94E-01
NCKAP5	-0.23	2.63E-01	1.00E+00	0.58	6.48E-02	5.94E-01
CAHM	-1.24	1.66E-01	1.00E+00	-1.50	6.49E-02	5.94E-01
MTCO2P2	-1.34	6.97E-01	1.00E+00	-1.57	6.49E-02	5.94E-01
AL162586.1	-0.86	4.93E-01	1.00E+00	1.69	6.49E-02	5.94E-01
MIR3142HG	0.32	8.52E-01	1.00E+00	1.98	6.50E-02	5.94E-01
KYAT1	-0.01	9.73E-01	1.00E+00	-0.86	6.50E-02	5.94E-01
IFI44	-0.11	8.85E-01	1.00E+00	1.23	6.50E-02	5.94E-01
AL157996.1	0.26	7.58E-01	1.00E+00	-2.51	6.50E-02	5.94E-01
FAM227B	-0.15	5.84E-01	1.00E+00	-0.75	6.50E-02	5.94E-01
AP000229.1	-2.47	9.29E-02	1.00E+00	-1.78	6.50E-02	5.94E-01
IL1A	0.15	8.61E-01	1.00E+00	1.89	6.51E-02	5.94E-01
FAM122A	-0.02	8.71E-01	1.00E+00	-0.61	6.51E-02	5.94E-01
AC139495.3	-0.46	7.72E-01	1.00E+00	1.95	6.51E-02	5.94E-01
AL513283.1	-1.61	1.29E-02	7.15E-01	-0.74	6.51E-02	5.94E-01
ST3GAL1	0.30	5.75E-01	1.00E+00	0.89	6.52E-02	5.94E-01

ZNF812P	1.12	5.22E-01	1.00E+00	1.84	6.52E-02	5.94E-01
GTF2A2	0.16	3.51E-01	1.00E+00	-0.46	6.52E-02	5.94E-01
CORO7	-0.30	6.36E-01	1.00E+00	0.88	6.52E-02	5.94E-01
MISP3	-0.25	3.43E-01	1.00E+00	-0.70	6.53E-02	5.95E-01
PIM2	-0.17	5.45E-01	1.00E+00	0.70	6.53E-02	5.95E-01
UNC5B	-0.52	2.31E-01	1.00E+00	0.89	6.54E-02	5.95E-01
AC009318.1	1.00	1.67E-01	1.00E+00	1.56	6.54E-02	5.95E-01
ACO1	0.66	2.63E-01	1.00E+00	-0.93	6.54E-02	5.95E-01
USP35	-0.27	4.18E-01	1.00E+00	1.53	6.54E-02	5.95E-01
ENPP4	0.38	5.17E-01	1.00E+00	-0.79	6.54E-02	5.95E-01
FAAH	-0.12	6.56E-01	1.00E+00	-1.04	6.55E-02	5.95E-01
KIF16B	-0.03	8.96E-01	1.00E+00	-0.31	6.57E-02	5.96E-01
SOD2	0.37	2.62E-01	1.00E+00	0.89	6.57E-02	5.96E-01
APPL1	-0.01	9.51E-01	1.00E+00	-0.36	6.57E-02	5.96E-01
KCTD12	0.30	4.29E-01	1.00E+00	0.90	6.58E-02	5.97E-01
CSF2RB	-0.30	4.84E-01	1.00E+00	1.48	6.58E-02	5.97E-01
PRELID2P1	2.53	3.41E-01	1.00E+00	-1.48	6.59E-02	5.97E-01
CRYGN	-2.22	2.54E-01	1.00E+00	2.71	6.59E-02	5.97E-01
AC009407.1	0.17	9.12E-01	1.00E+00	-2.21	6.59E-02	5.97E-01
RPAP3	-0.10	7.00E-01	1.00E+00	-0.44	6.59E-02	5.97E-01
TRABD2A	0.63	3.10E-01	1.00E+00	1.19	6.60E-02	5.97E-01
TMPRSS4	-2.01	1.11E-01	1.00E+00	1.40	6.60E-02	5.97E-01
HTRA4	-2.30	2.36E-01	1.00E+00	3.64	6.60E-02	5.97E-01
AC093668.2	-0.93	3.80E-01	1.00E+00	0.93	6.61E-02	5.97E-01
AC000061.1	-1.72	1.32E-01	1.00E+00	-2.04	6.61E-02	5.97E-01
SLC25A34	0.40	6.52E-01	1.00E+00	-1.76	6.61E-02	5.97E-01
MLIP	-0.42	2.90E-01	1.00E+00	-0.58	6.62E-02	5.97E-01
GPN3	0.27	1.49E-01	1.00E+00	-0.62	6.62E-02	5.98E-01
CALN1	-0.18	6.59E-01	1.00E+00	-1.00	6.63E-02	5.98E-01
SDHAP3	1.67	6.45E-04	1.20E-01	0.98	6.63E-02	5.98E-01
CYTIP	-0.33	5.35E-01	1.00E+00	0.92	6.63E-02	5.98E-01
DOK2	-0.02	9.61E-01	1.00E+00	1.17	6.64E-02	5.98E-01

AL390198.1	0.39	9.00E-01	1.00E+00	-1.58	6.65E-02	5.98E-01
ITGAE	0.20	4.61E-01	1.00E+00	-0.83	6.65E-02	5.98E-01
EIF2D	-0.16	5.13E-01	1.00E+00	-0.24	6.65E-02	5.98E-01
ZBTB20-AS1	-0.80	8.18E-01	1.00E+00	-2.34	6.65E-02	5.98E-01
ROR2	-0.35	2.84E-01	1.00E+00	1.07	6.65E-02	5.98E-01
CRABP1	-1.29	9.52E-03	6.06E-01	-1.46	6.65E-02	5.98E-01
MRPS35	0.03	8.42E-01	1.00E+00	-0.34	6.66E-02	5.98E-01
G5386	-1.33	1.03E-01	1.00E+00	0.89	6.66E-02	5.98E-01
AC008906.1	-2.59	1.02E-01	1.00E+00	1.38	6.66E-02	5.98E-01
STAG3L4	0.41	4.49E-01	1.00E+00	-0.66	6.67E-02	5.98E-01
COMMD7	0.20	3.78E-01	1.00E+00	-0.67	6.67E-02	5.98E-01
XPNPEP1	0.05	7.81E-01	1.00E+00	0.28	6.67E-02	5.98E-01
TSPAN13	0.50	1.84E-01	1.00E+00	-0.60	6.67E-02	5.98E-01
AC005884.2	NA	NA	NA	-2.25	6.67E-02	5.98E-01
THPO	-0.23	8.23E-01	1.00E+00	1.91	6.67E-02	5.98E-01
TMEM169	-0.31	5.46E-01	1.00E+00	1.91	6.68E-02	5.99E-01
SLC29A3	0.06	8.73E-01	1.00E+00	0.92	6.70E-02	5.99E-01
RAB6B	-0.26	7.12E-01	1.00E+00	0.80	6.70E-02	5.99E-01
LRRC57	0.14	5.37E-01	1.00E+00	-0.53	6.70E-02	5.99E-01
B3GNT3	-0.09	8.91E-01	1.00E+00	1.49	6.70E-02	5.99E-01
SLA	-0.21	6.57E-01	1.00E+00	1.12	6.70E-02	5.99E-01
AL359504.2	1.54	5.51E-01	1.00E+00	-2.09	6.71E-02	5.99E-01
CACNA1B	-0.29	9.07E-01	1.00E+00	2.18	6.71E-02	5.99E-01
C22orf39	0.23	4.16E-01	1.00E+00	-0.59	6.71E-02	5.99E-01
LINC02577	-0.58	8.67E-01	1.00E+00	3.06	6.71E-02	5.99E-01
IKZF2	0.05	9.23E-01	1.00E+00	-0.88	6.72E-02	5.99E-01
AL356968.2	NA	NA	NA	-1.75	6.72E-02	5.99E-01
AREGB	-1.52	6.60E-01	1.00E+00	2.20	6.72E-02	5.99E-01
CFAP221	-0.30	7.56E-01	1.00E+00	-1.70	6.73E-02	5.99E-01
BAX	-0.25	3.07E-01	1.00E+00	0.87	6.73E-02	5.99E-01
GOT2	-0.18	2.39E-01	1.00E+00	-0.28	6.73E-02	5.99E-01
KPRP	0.28	6.85E-01	1.00E+00	1.46	6.73E-02	5.99E-01

HBG2	0.00	1.00E+00	NA	2.31	6.74E-02	5.99E-01
AC060766.4	-0.53	6.34E-01	1.00E+00	1.58	6.74E-02	5.99E-01
RIT1	0.13	5.46E-01	1.00E+00	0.45	6.75E-02	5.99E-01
FADS1	1.01	1.60E-01	1.00E+00	-1.19	6.76E-02	5.99E-01
FLJ42351	-0.96	7.61E-01	1.00E+00	2.47	6.77E-02	5.99E-01
LINC00345	1.42	4.53E-01	1.00E+00	2.05	6.77E-02	5.99E-01
IMPACT	-0.08	6.56E-01	1.00E+00	-0.40	6.77E-02	5.99E-01
NOL12	0.72	4.91E-01	1.00E+00	0.76	6.77E-02	5.99E-01
ECI2	0.21	5.75E-01	1.00E+00	-0.78	6.77E-02	5.99E-01
CCDC88A	-0.25	5.05E-01	1.00E+00	0.71	6.78E-02	5.99E-01
MPO	0.18	8.88E-01	1.00E+00	1.94	6.78E-02	5.99E-01
TMCC1	0.02	9.37E-01	1.00E+00	0.32	6.78E-02	5.99E-01
ACTR1B	0.09	6.33E-01	1.00E+00	0.53	6.78E-02	5.99E-01
SDC3	-0.17	6.31E-01	1.00E+00	1.42	6.78E-02	5.99E-01
GALR1	1.68	1.00E-01	1.00E+00	-2.18	6.78E-02	5.99E-01
SIRT6	-0.15	5.26E-01	1.00E+00	1.11	6.78E-02	5.99E-01
PBX2	-0.17	5.40E-01	1.00E+00	1.30	6.79E-02	5.99E-01
PDCD4	-0.21	4.02E-01	1.00E+00	-0.53	6.79E-02	5.99E-01
PEX11A	0.67	1.23E-01	1.00E+00	-0.89	6.79E-02	5.99E-01
IGLV1-36	2.17	3.93E-01	1.00E+00	4.37	6.79E-02	5.99E-01
SMIM25	0.21	7.56E-01	1.00E+00	1.27	6.80E-02	5.99E-01
BTN3A2	-0.09	8.53E-01	1.00E+00	0.90	6.80E-02	5.99E-01
HSPA1A	0.06	8.04E-01	1.00E+00	-0.72	6.80E-02	5.99E-01
REEP5	0.12	4.20E-01	1.00E+00	-0.42	6.80E-02	5.99E-01
CHI3L2	0.19	8.29E-01	1.00E+00	1.17	6.80E-02	5.99E-01
PRKCQ	0.06	9.30E-01	1.00E+00	2.25	6.80E-02	5.99E-01
MEX3B	0.20	6.76E-01	1.00E+00	1.65	6.80E-02	5.99E-01
RPSAP52	0.05	9.89E-01	1.00E+00	2.73	6.81E-02	5.99E-01
CDK11B	-0.12	6.00E-01	1.00E+00	0.82	6.81E-02	5.99E-01
PSME4	0.06	7.62E-01	1.00E+00	0.72	6.81E-02	5.99E-01
IL11	1.18	3.49E-01	1.00E+00	2.32	6.81E-02	5.99E-01
DBI	0.26	2.64E-01	1.00E+00	-0.72	6.81E-02	5.99E-01

AC090559.1	-0.56	2.23E-01	1.00E+00	1.09	6.81E-02	5.99E-01
TNIK	-0.24	5.02E-01	1.00E+00	1.40	6.82E-02	5.99E-01
GMPR	0.22	5.96E-01	1.00E+00	0.76	6.82E-02	5.99E-01
ITGB2-AS1	-2.17	3.50E-02	1.00E+00	1.25	6.82E-02	5.99E-01
HACD2	0.41	1.57E-01	1.00E+00	-0.77	6.82E-02	5.99E-01
FOXO1	0.02	9.41E-01	1.00E+00	-0.74	6.82E-02	5.99E-01
G23007	-1.31	2.23E-01	1.00E+00	-2.62	6.83E-02	5.99E-01
NCKAP1L	0.08	8.72E-01	1.00E+00	1.19	6.83E-02	5.99E-01
DPF1	-2.05	8.84E-04	1.50E-01	1.63	6.83E-02	5.99E-01
XKR8	0.03	9.07E-01	1.00E+00	0.64	6.83E-02	5.99E-01
AC012615.6	-0.94	3.90E-01	1.00E+00	3.43	6.84E-02	5.99E-01
TLCD1	-0.37	4.11E-01	1.00E+00	-1.00	6.84E-02	5.99E-01
IGHV2-26	3.55	2.90E-01	1.00E+00	3.76	6.84E-02	5.99E-01
ZNF740	0.51	9.62E-02	1.00E+00	1.17	6.84E-02	5.99E-01
TRAF3IP3	-0.71	2.50E-01	1.00E+00	1.35	6.84E-02	5.99E-01
AC005343.1	2.75	3.77E-01	1.00E+00	-1.79	6.85E-02	5.99E-01
C4orf48	-0.34	4.45E-01	1.00E+00	0.64	6.85E-02	5.99E-01
ZNF284	0.32	7.16E-01	1.00E+00	-0.96	6.85E-02	5.99E-01
TNFRSF14	-0.14	6.44E-01	1.00E+00	1.02	6.85E-02	5.99E-01
AC104232.2	NA	NA	NA	-3.78	6.85E-02	5.99E-01
CLUL1	-1.33	1.16E-01	1.00E+00	-1.85	6.86E-02	5.99E-01
EIF1AX	0.16	5.42E-01	1.00E+00	-0.32	6.86E-02	5.99E-01
SLC2A1-AS1	-0.12	8.90E-01	1.00E+00	-1.06	6.86E-02	5.99E-01
DTX3L	0.16	7.58E-01	1.00E+00	0.80	6.86E-02	5.99E-01
SCAND1	-0.12	6.89E-01	1.00E+00	0.40	6.87E-02	5.99E-01
CCL3	-0.59	8.28E-01	1.00E+00	1.79	6.88E-02	6.00E-01
RNF219	0.21	5.18E-01	1.00E+00	-0.48	6.88E-02	6.00E-01
NEURL1B	0.30	2.29E-01	1.00E+00	0.88	6.89E-02	6.00E-01
LINC01532	2.53	4.50E-01	1.00E+00	-4.11	6.90E-02	6.00E-01
ACYP2	-0.04	9.09E-01	1.00E+00	-0.69	6.90E-02	6.00E-01
ADGRE4P	-1.74	5.16E-01	1.00E+00	3.21	6.90E-02	6.00E-01
KIFC3	-0.26	2.94E-01	1.00E+00	0.64	6.90E-02	6.00E-01

GTF2H5	0.27	2.67E-01	1.00E+00	-0.52	6.90E-02	6.00E-01
BIN3	-0.10	6.45E-01	1.00E+00	0.38	6.91E-02	6.00E-01
TGFB3	-0.29	5.57E-01	1.00E+00	0.82	6.91E-02	6.00E-01
ARMCX5-GPRASP2	0.11	7.95E-01	1.00E+00	-0.69	6.91E-02	6.00E-01
GPR182	0.52	5.63E-01	1.00E+00	-2.21	6.92E-02	6.00E-01
PIGG	-0.22	2.60E-01	1.00E+00	0.36	6.92E-02	6.00E-01
LINC02325	-0.45	8.08E-01	1.00E+00	2.28	6.92E-02	6.00E-01
EVA1A	-0.26	6.80E-01	1.00E+00	0.76	6.92E-02	6.00E-01
C2orf81	0.64	4.71E-01	1.00E+00	0.84	6.92E-02	6.00E-01
ALKAL2	0.59	3.58E-01	1.00E+00	-1.43	6.92E-02	6.00E-01
GRAMD1A	-0.24	4.76E-01	1.00E+00	1.22	6.92E-02	6.00E-01
MRPS30-DT	0.41	4.19E-01	1.00E+00	-1.07	6.93E-02	6.00E-01
DPP8	0.00	9.93E-01	1.00E+00	-0.33	6.93E-02	6.00E-01
HK3	0.39	6.12E-01	1.00E+00	2.14	6.93E-02	6.00E-01
PRRC2A	-0.38	1.01E-01	1.00E+00	1.34	6.93E-02	6.00E-01
CCL7	3.99	1.97E-01	1.00E+00	3.19	6.94E-02	6.00E-01
RP11-439A17.9	-0.62	4.08E-01	1.00E+00	1.95	6.94E-02	6.00E-01
VKORC1L1	0.91	4.25E-02	1.00E+00	-0.72	6.94E-02	6.00E-01
NEBL	-0.08	7.50E-01	1.00E+00	-0.72	6.95E-02	6.00E-01
AXL	0.44	2.87E-01	1.00E+00	0.70	6.95E-02	6.00E-01
AC023024.2	1.01	3.25E-01	1.00E+00	2.10	6.95E-02	6.00E-01
CD226	0.08	9.07E-01	1.00E+00	1.86	6.96E-02	6.00E-01
AC106738.1	0.90	4.77E-01	1.00E+00	-1.43	6.96E-02	6.00E-01
CWF19L2	0.41	1.16E-01	1.00E+00	0.42	6.96E-02	6.00E-01
TMED9	-0.05	7.80E-01	1.00E+00	0.59	6.96E-02	6.00E-01
EIF4A1	0.51	6.37E-01	1.00E+00	0.89	6.96E-02	6.00E-01
CLEC4D	3.27	3.32E-01	1.00E+00	2.60	6.96E-02	6.00E-01
P2RX4	-0.05	8.68E-01	1.00E+00	0.64	6.97E-02	6.01E-01
WBP1L	0.32	1.48E-01	1.00E+00	0.50	6.98E-02	6.01E-01
PDCD2	-0.11	5.31E-01	1.00E+00	-0.56	6.98E-02	6.01E-01
G25988	-2.54	1.89E-01	1.00E+00	2.20	6.98E-02	6.01E-01
CAPZB	-0.11	4.43E-01	1.00E+00	0.33	6.98E-02	6.01E-01

WRB	0.46	1.95E-01	1.00E+00	-0.90	6.99E-02	6.01E-01
SNHG25	-1.43	3.50E-01	1.00E+00	-1.10	6.99E-02	6.01E-01
CCDC86	-0.21	5.17E-01	1.00E+00	0.45	6.99E-02	6.01E-01
TSHZ3	-0.33	3.82E-01	1.00E+00	1.15	7.00E-02	6.01E-01
AC079298.3	0.16	9.12E-01	1.00E+00	-1.73	7.00E-02	6.01E-01
JPT1	-0.20	5.37E-01	1.00E+00	0.40	7.00E-02	6.01E-01
AC106882.1	-0.64	8.54E-01	1.00E+00	-3.03	7.01E-02	6.01E-01
CD47	0.17	5.09E-01	1.00E+00	0.36	7.01E-02	6.01E-01
AP000356.1	0.08	9.35E-01	1.00E+00	1.34	7.01E-02	6.01E-01
NR1H2	-0.01	9.50E-01	1.00E+00	0.40	7.02E-02	6.02E-01
BCYRN1	-0.03	9.75E-01	1.00E+00	1.36	7.03E-02	6.02E-01
NR2E1	-4.07	3.22E-02	1.00E+00	-2.48	7.04E-02	6.03E-01
AP001062.1	-0.03	9.72E-01	1.00E+00	-0.98	7.04E-02	6.04E-01
XLOC_000974	-2.17	9.27E-02	1.00E+00	-2.34	7.05E-02	6.04E-01
ADAM32	0.42	5.87E-01	1.00E+00	-1.70	7.06E-02	6.04E-01
SIGLEC17P	0.28	6.90E-01	1.00E+00	1.27	7.06E-02	6.04E-01
AC239804.1	0.31	8.20E-01	1.00E+00	1.91	7.06E-02	6.04E-01
TNC	-1.19	1.60E-02	7.93E-01	1.25	7.06E-02	6.04E-01
ATP5PF	0.18	4.39E-01	1.00E+00	-0.99	7.07E-02	6.04E-01
DNAJC5B	-0.93	7.87E-01	1.00E+00	2.79	7.07E-02	6.04E-01
CERS3-AS1	-0.78	1.21E-01	1.00E+00	-0.82	7.07E-02	6.04E-01
SLC39A11	0.05	8.13E-01	1.00E+00	0.38	7.08E-02	6.05E-01
AC097534.2	0.18	6.88E-01	1.00E+00	-0.77	7.08E-02	6.05E-01
SLC26A4-AS1	-2.87	1.52E-01	1.00E+00	2.70	7.09E-02	6.05E-01
ZNF85	0.19	5.71E-01	1.00E+00	-0.60	7.09E-02	6.05E-01
RAB20	-0.01	9.83E-01	1.00E+00	1.26	7.09E-02	6.05E-01
AC073332.1	-1.04	3.31E-01	1.00E+00	-0.98	7.11E-02	6.06E-01
TRBV24-1	0.26	9.39E-01	1.00E+00	1.95	7.11E-02	6.06E-01
RPS24P8	-0.58	7.95E-01	1.00E+00	-0.98	7.11E-02	6.06E-01
ANPEP	0.15	6.68E-01	1.00E+00	1.20	7.11E-02	6.06E-01
TRBV6-5	-2.95	3.84E-02	1.00E+00	1.97	7.12E-02	6.06E-01
AL135791.1	1.27	2.60E-01	1.00E+00	-2.06	7.12E-02	6.06E-01

URI1	0.11	5.56E-01	1.00E+00	-0.57	7.12E-02	6.06E-01
XLOC_005552	-0.61	5.96E-01	1.00E+00	2.05	7.13E-02	6.06E-01
HMOX2	-0.26	1.44E-01	1.00E+00	0.28	7.14E-02	6.06E-01
ASPH	0.72	1.56E-01	1.00E+00	-0.79	7.14E-02	6.06E-01
DNAJB14	0.05	8.62E-01	1.00E+00	-0.32	7.14E-02	6.06E-01
PRADC1	-0.06	7.85E-01	1.00E+00	-0.54	7.14E-02	6.06E-01
CTSC	-0.27	4.35E-01	1.00E+00	0.74	7.14E-02	6.06E-01
XLOC_003221	-0.27	6.17E-01	1.00E+00	-1.48	7.14E-02	6.06E-01
SLC12A5	-0.80	8.09E-01	1.00E+00	1.66	7.14E-02	6.06E-01
CDC73	0.12	5.71E-01	1.00E+00	-0.38	7.15E-02	6.06E-01
AL139125.2	-0.49	8.43E-01	1.00E+00	3.02	7.15E-02	6.06E-01
CHD3	-0.11	7.38E-01	1.00E+00	1.04	7.15E-02	6.06E-01
QDPR	0.53	2.58E-01	1.00E+00	-0.60	7.16E-02	6.06E-01
8-Sep	0.01	9.87E-01	1.00E+00	0.62	7.16E-02	6.06E-01
ZNF791	0.18	3.47E-01	1.00E+00	-0.29	7.16E-02	6.06E-01
AL133346.1	-2.73	4.13E-02	1.00E+00	-1.76	7.17E-02	6.06E-01
C1S	0.53	2.07E-01	1.00E+00	0.92	7.17E-02	6.06E-01
XAB2	0.02	8.93E-01	1.00E+00	0.61	7.17E-02	6.06E-01
PRKCSH	-0.18	4.53E-01	1.00E+00	0.69	7.17E-02	6.07E-01
RNU2-6P	NA	NA	NA	-1.61	7.18E-02	6.07E-01
HLA-C	0.02	9.53E-01	1.00E+00	0.73	7.18E-02	6.07E-01
RGN	0.80	1.86E-01	1.00E+00	-1.01	7.19E-02	6.07E-01
AC064836.3	-0.09	7.83E-01	1.00E+00	-0.90	7.19E-02	6.07E-01
PI4KAP1	0.28	6.52E-01	1.00E+00	1.31	7.20E-02	6.07E-01
PCGF2	-0.40	2.19E-01	1.00E+00	1.25	7.20E-02	6.07E-01
AGAP14P	0.56	8.71E-01	1.00E+00	-2.39	7.20E-02	6.07E-01
IMMP1L	0.41	1.37E-01	1.00E+00	-0.67	7.20E-02	6.07E-01
MKMK1-AS1	0.09	9.76E-01	1.00E+00	-2.72	7.21E-02	6.07E-01
BTN2A3P	-0.37	6.20E-01	1.00E+00	0.95	7.21E-02	6.07E-01
CLSTN3	-0.22	5.61E-01	1.00E+00	0.94	7.21E-02	6.07E-01
NHEG1	0.31	7.16E-01	1.00E+00	-1.67	7.21E-02	6.07E-01
CYP2F2P	0.23	8.56E-01	1.00E+00	-1.10	7.21E-02	6.07E-01

STRAP	0.08	5.93E-01	1.00E+00	-0.31	7.22E-02	6.07E-01
MBLAC2	-0.12	5.74E-01	1.00E+00	-0.58	7.22E-02	6.07E-01
AC011591.2	-5.88	2.41E-02	9.18E-01	-1.68	7.22E-02	6.07E-01
LGR4	0.02	9.16E-01	1.00E+00	-0.69	7.22E-02	6.07E-01
GALE	0.02	9.30E-01	1.00E+00	0.37	7.22E-02	6.07E-01
GPR132	0.10	8.63E-01	1.00E+00	1.55	7.22E-02	6.07E-01
AL442663.3	-0.63	7.52E-01	1.00E+00	1.65	7.24E-02	6.07E-01
KCNJ16	1.18	4.32E-01	1.00E+00	-1.42	7.24E-02	6.07E-01
AL590068.3	0.36	9.17E-01	1.00E+00	3.80	7.24E-02	6.07E-01
RAB40A	-0.24	9.19E-01	1.00E+00	2.11	7.24E-02	6.07E-01
AP1AR	0.21	4.78E-01	1.00E+00	-0.87	7.24E-02	6.07E-01
AC010343.3	-4.04	1.74E-01	1.00E+00	-1.77	7.25E-02	6.07E-01
LDHAP7	-0.99	7.23E-01	1.00E+00	-1.42	7.25E-02	6.07E-01
UBA5	0.09	6.13E-01	1.00E+00	-0.69	7.25E-02	6.07E-01
MVD	-0.18	7.38E-01	1.00E+00	-0.56	7.25E-02	6.07E-01
TRAV1-2	-0.83	8.06E-01	1.00E+00	2.56	7.26E-02	6.08E-01
KDELC1	0.03	9.35E-01	1.00E+00	0.89	7.26E-02	6.08E-01
APOM	-0.41	4.44E-01	1.00E+00	-0.78	7.27E-02	6.08E-01
ARMC8	0.24	2.38E-01	1.00E+00	-0.41	7.27E-02	6.08E-01
ATP5F1C	-0.06	6.89E-01	1.00E+00	-0.57	7.27E-02	6.08E-01
PDXDC2P-NPIP814P	-0.52	7.67E-01	1.00E+00	1.57	7.27E-02	6.08E-01
XLOC_005448	-1.14	6.30E-01	1.00E+00	-2.07	7.27E-02	6.08E-01
SH3BP5	0.35	4.83E-01	1.00E+00	1.13	7.27E-02	6.08E-01
ECHDC1	0.28	3.98E-01	1.00E+00	-0.70	7.28E-02	6.08E-01
ZNF25	0.30	3.19E-01	1.00E+00	-0.53	7.29E-02	6.08E-01
AC011465.1	-0.58	8.67E-01	1.00E+00	-2.81	7.29E-02	6.08E-01
ZNF512	0.08	8.42E-01	1.00E+00	-0.57	7.30E-02	6.08E-01
RHOG	-0.10	6.21E-01	1.00E+00	0.60	7.30E-02	6.08E-01
MACROD1	0.21	3.63E-01	1.00E+00	-0.92	7.30E-02	6.08E-01
UBR3	0.08	7.25E-01	1.00E+00	-0.50	7.31E-02	6.09E-01
ENAH	-0.40	8.18E-02	1.00E+00	0.48	7.31E-02	6.09E-01
CACYBP	0.08	6.73E-01	1.00E+00	-0.58	7.31E-02	6.09E-01

DIRC2	0.01	9.85E-01	1.00E+00	-0.83	7.32E-02	6.09E-01
AC106795.2	0.08	9.44E-01	1.00E+00	-1.20	7.32E-02	6.09E-01
AJAP1	-0.58	2.95E-01	1.00E+00	1.56	7.32E-02	6.09E-01
SCN9A	0.14	7.73E-01	1.00E+00	-0.79	7.32E-02	6.09E-01
AC026362.2	-1.45	3.38E-01	1.00E+00	-1.83	7.32E-02	6.09E-01
CDC37L1-DT	0.19	8.56E-01	1.00E+00	-1.17	7.32E-02	6.09E-01
PSAP	0.27	2.91E-01	1.00E+00	0.53	7.33E-02	6.09E-01
XLOC_004229	-0.28	6.80E-01	1.00E+00	-0.93	7.34E-02	6.09E-01
NABP2	-0.35	3.72E-02	1.00E+00	0.58	7.34E-02	6.09E-01
TATDN3	0.11	6.61E-01	1.00E+00	-0.50	7.35E-02	6.09E-01
AC015819.2	-0.30	9.19E-01	1.00E+00	2.03	7.35E-02	6.09E-01
BYSL	-0.34	1.08E-01	1.00E+00	0.53	7.35E-02	6.10E-01
IL36G	-0.12	8.62E-01	1.00E+00	1.43	7.36E-02	6.10E-01
CALM2	0.23	2.45E-01	1.00E+00	-0.76	7.36E-02	6.10E-01
STK33	-2.52	7.61E-02	1.00E+00	-2.20	7.36E-02	6.10E-01
ERCC8	0.19	5.00E-01	1.00E+00	-0.57	7.37E-02	6.10E-01
CNDP1	-2.05	5.35E-01	1.00E+00	-2.18	7.37E-02	6.10E-01
AL451085.2	-2.29	2.70E-01	1.00E+00	-1.93	7.37E-02	6.10E-01
RIMS3	0.09	8.87E-01	1.00E+00	0.87	7.38E-02	6.10E-01
RNF25	-0.05	8.40E-01	1.00E+00	0.42	7.38E-02	6.10E-01
RTRAF	-0.01	9.73E-01	1.00E+00	-0.36	7.38E-02	6.10E-01
SRD5A2	2.43	8.72E-02	1.00E+00	2.95	7.39E-02	6.10E-01
AP003352.1	2.02	2.15E-02	8.94E-01	-1.05	7.39E-02	6.10E-01
CCL20	-3.31	2.39E-02	9.18E-01	1.87	7.39E-02	6.10E-01
DHRS9	-0.26	6.41E-01	1.00E+00	0.83	7.39E-02	6.10E-01
AP005482.1	-0.39	8.65E-01	1.00E+00	-2.19	7.40E-02	6.10E-01
AL512791.1	1.58	3.99E-01	1.00E+00	1.83	7.40E-02	6.10E-01
AC127024.4	0.37	8.71E-01	1.00E+00	-1.99	7.41E-02	6.10E-01
SCML4	1.02	4.20E-01	1.00E+00	1.52	7.41E-02	6.10E-01
ISL1	-0.25	7.27E-01	1.00E+00	-1.34	7.41E-02	6.10E-01
MUL1	0.04	8.09E-01	1.00E+00	0.18	7.41E-02	6.10E-01
AC100810.3	-1.13	6.68E-01	1.00E+00	-2.07	7.41E-02	6.10E-01

9-Mar	-0.25	2.81E-01	1.00E+00	1.13	7.41E-02	6.10E-01
ADGRA2	0.50	2.13E-01	1.00E+00	1.52	7.42E-02	6.10E-01
VOPP1	0.20	5.13E-01	1.00E+00	1.09	7.42E-02	6.10E-01
FBR5	-0.42	2.19E-01	1.00E+00	1.20	7.42E-02	6.10E-01
SLC20A1	-0.35	3.04E-01	1.00E+00	0.75	7.43E-02	6.10E-01
ALDH6A1	0.23	4.31E-01	1.00E+00	-0.69	7.43E-02	6.10E-01
LINC00909	0.01	9.46E-01	1.00E+00	-0.49	7.43E-02	6.10E-01
GTF2E2	0.45	2.77E-02	9.71E-01	-0.99	7.44E-02	6.10E-01
RPL29P19	-0.19	8.42E-01	1.00E+00	2.08	7.44E-02	6.10E-01
MTFR1L	-0.03	9.12E-01	1.00E+00	-0.58	7.44E-02	6.10E-01
GDF15	-0.80	1.25E-01	1.00E+00	1.44	7.45E-02	6.10E-01
KCNK3	-0.58	4.00E-01	1.00E+00	1.44	7.46E-02	6.10E-01
AC022395.1	1.19	7.32E-01	1.00E+00	-3.64	7.46E-02	6.10E-01
OR7E14P	0.57	6.82E-01	1.00E+00	-1.10	7.46E-02	6.10E-01
VMA21	0.27	2.98E-01	1.00E+00	-0.52	7.46E-02	6.10E-01
DOT1L	-0.29	4.22E-01	1.00E+00	1.19	7.46E-02	6.10E-01
ZC3H6	0.06	7.73E-01	1.00E+00	-0.56	7.46E-02	6.10E-01
TNFRSF1A	-0.17	4.71E-01	1.00E+00	0.55	7.46E-02	6.10E-01
VPS9D1	-0.32	2.20E-01	1.00E+00	0.97	7.47E-02	6.10E-01
DOC2GP	-2.86	5.06E-02	1.00E+00	1.90	7.47E-02	6.10E-01
AL121658.1	0.45	6.61E-01	1.00E+00	-1.53	7.47E-02	6.10E-01
XLOC_010579	-2.94	2.11E-02	8.94E-01	1.29	7.47E-02	6.10E-01
CD244	-0.96	2.76E-01	1.00E+00	1.75	7.47E-02	6.10E-01
ATP5F1B	-0.08	6.32E-01	1.00E+00	-0.27	7.48E-02	6.10E-01
HELT	-1.18	3.78E-01	1.00E+00	-1.96	7.48E-02	6.10E-01
ZNF32-AS2	-0.56	7.99E-01	1.00E+00	-1.82	7.49E-02	6.10E-01
NPEPL1	0.16	6.26E-01	1.00E+00	-0.38	7.49E-02	6.10E-01
G13446	-2.37	1.57E-01	1.00E+00	-3.10	7.49E-02	6.10E-01
GOPC	0.02	9.30E-01	1.00E+00	-0.42	7.49E-02	6.10E-01
AC012181.2	-1.65	3.79E-01	1.00E+00	1.53	7.49E-02	6.10E-01
HIST1H2BG	-1.41	5.02E-02	1.00E+00	-1.05	7.49E-02	6.10E-01
WASH3P	-0.11	6.83E-01	1.00E+00	0.71	7.50E-02	6.10E-01

FUT8-AS1	0.92	4.43E-01	1.00E+00	1.34	7.50E-02	6.10E-01
RGPD3	-0.41	6.07E-01	1.00E+00	1.04	7.50E-02	6.10E-01
ULK4P2	0.64	7.22E-01	1.00E+00	-1.61	7.51E-02	6.11E-01
VSTM1	NA	NA	NA	3.40	7.51E-02	6.11E-01
CTTN	-0.15	5.11E-01	1.00E+00	0.53	7.52E-02	6.11E-01
ADGRL4	0.28	6.25E-01	1.00E+00	-0.92	7.52E-02	6.11E-01
AL135905.2	-0.15	8.14E-01	1.00E+00	1.10	7.52E-02	6.11E-01
CUL4B	0.01	9.36E-01	1.00E+00	0.28	7.53E-02	6.11E-01
SBNO2	-0.51	4.26E-02	1.00E+00	1.76	7.53E-02	6.11E-01
AC147651.3	-1.74	8.88E-02	1.00E+00	1.15	7.53E-02	6.11E-01
SCG5	-1.00	2.80E-01	1.00E+00	0.85	7.53E-02	6.11E-01
GZMM	-0.60	3.35E-01	1.00E+00	1.60	7.53E-02	6.11E-01
TMEM176A	0.18	5.74E-01	1.00E+00	1.11	7.53E-02	6.11E-01
EGLN2	1.81	4.92E-02	1.00E+00	1.05	7.54E-02	6.11E-01
TMEM87B	0.03	8.90E-01	1.00E+00	0.38	7.54E-02	6.11E-01
RSU1	-0.13	4.56E-01	1.00E+00	-0.42	7.54E-02	6.11E-01
TBX6	0.49	2.13E-01	1.00E+00	1.11	7.54E-02	6.11E-01
CRIP2	-0.18	5.74E-01	1.00E+00	-0.40	7.55E-02	6.11E-01
HSPE1P2	NA	NA	NA	-1.47	7.55E-02	6.11E-01
AC026355.2	-0.38	7.93E-01	1.00E+00	2.10	7.55E-02	6.11E-01
ERVK9-11	-0.16	8.52E-01	1.00E+00	-1.41	7.55E-02	6.11E-01
AC111170.3	1.58	2.15E-01	1.00E+00	2.48	7.56E-02	6.11E-01
ESM1	-0.19	8.38E-01	1.00E+00	1.71	7.56E-02	6.11E-01
RARRES1	0.38	6.65E-01	1.00E+00	-1.19	7.56E-02	6.11E-01
CAPN11	0.45	2.73E-01	1.00E+00	-0.88	7.57E-02	6.12E-01
LINC02099	NA	NA	NA	3.34	7.58E-02	6.12E-01
CTDSPL	0.26	1.92E-01	1.00E+00	-0.52	7.58E-02	6.12E-01
FRMD4B	-0.01	9.65E-01	1.00E+00	0.39	7.58E-02	6.12E-01
PCDHB16	0.23	5.63E-01	1.00E+00	-0.84	7.59E-02	6.12E-01
AC004076.2	0.63	6.39E-01	1.00E+00	-1.57	7.59E-02	6.12E-01
AL356750.1	1.66	6.25E-01	1.00E+00	-2.49	7.59E-02	6.12E-01
LINC01819	-0.72	1.50E-01	1.00E+00	-1.22	7.59E-02	6.12E-01

PNPT1	0.10	8.03E-01	1.00E+00	0.51	7.59E-02	6.12E-01
TMEM232	0.19	7.60E-01	1.00E+00	-1.13	7.59E-02	6.12E-01
TLR1	0.25	6.52E-01	1.00E+00	0.86	7.60E-02	6.12E-01
ZNF573	0.17	6.37E-01	1.00E+00	-0.92	7.60E-02	6.12E-01
RPA1	-0.02	8.98E-01	1.00E+00	-0.18	7.61E-02	6.12E-01
NID2	-0.56	2.26E-01	1.00E+00	1.55	7.61E-02	6.12E-01
ASB8	0.02	9.24E-01	1.00E+00	-0.20	7.61E-02	6.12E-01
AC127070.1	1.23	3.34E-01	1.00E+00	-1.85	7.61E-02	6.12E-01
CAPN13	0.77	4.94E-01	1.00E+00	-1.92	7.61E-02	6.12E-01
ZFYVE26	0.04	8.48E-01	1.00E+00	0.98	7.62E-02	6.12E-01
ABR	0.01	9.59E-01	1.00E+00	0.89	7.62E-02	6.12E-01
WEE1	-0.09	8.63E-01	1.00E+00	-0.72	7.62E-02	6.12E-01
AL158071.4	1.18	2.45E-01	1.00E+00	2.04	7.62E-02	6.12E-01
MRGPRX2	1.59	3.17E-02	1.00E+00	1.62	7.62E-02	6.12E-01
TOR4A	-0.27	5.38E-01	1.00E+00	1.56	7.63E-02	6.12E-01
SLFN5	-0.21	6.83E-01	1.00E+00	0.89	7.63E-02	6.12E-01
DLD	0.02	9.41E-01	1.00E+00	-0.50	7.65E-02	6.13E-01
PEX14	-0.22	4.59E-01	1.00E+00	0.52	7.66E-02	6.13E-01
CHST2	-0.49	4.59E-01	1.00E+00	1.39	7.66E-02	6.13E-01
SLC9A3	-0.94	5.39E-02	1.00E+00	0.78	7.66E-02	6.13E-01
XCL2	-1.51	2.49E-01	1.00E+00	1.77	7.67E-02	6.13E-01
MAP2K7	-0.23	2.47E-01	1.00E+00	0.78	7.67E-02	6.13E-01
RET	0.51	4.86E-01	1.00E+00	1.30	7.68E-02	6.13E-01
ACTG1P1	0.00	9.99E-01	1.00E+00	-1.40	7.68E-02	6.13E-01
FERMT3	-0.14	6.81E-01	1.00E+00	1.29	7.68E-02	6.13E-01
SMIM7	0.42	9.16E-02	1.00E+00	-0.59	7.68E-02	6.13E-01
OR2S1P	-0.10	9.75E-01	1.00E+00	-3.83	7.68E-02	6.13E-01
AC087343.1	-0.11	9.44E-01	1.00E+00	-1.31	7.68E-02	6.13E-01
TMEM175	-0.04	8.78E-01	1.00E+00	0.34	7.68E-02	6.13E-01
CKMT2	0.43	5.48E-01	1.00E+00	-0.95	7.68E-02	6.13E-01
SENP2	0.19	3.64E-01	1.00E+00	0.31	7.68E-02	6.13E-01
SMIM24	-0.84	3.69E-01	1.00E+00	-1.41	7.69E-02	6.13E-01

PFKFB4	-0.34	2.38E-01	1.00E+00	0.98	7.69E-02	6.13E-01
AC008892.1	-0.86	8.05E-01	1.00E+00	-2.29	7.69E-02	6.13E-01
PHLDA2	-0.88	1.61E-01	1.00E+00	0.68	7.70E-02	6.13E-01
GZMA	-0.53	5.26E-01	1.00E+00	1.27	7.70E-02	6.13E-01
AL360270.3	-3.41	2.40E-01	1.00E+00	1.99	7.70E-02	6.13E-01
IER3IP1	0.18	5.09E-01	1.00E+00	-0.78	7.70E-02	6.13E-01
RAC2	-0.06	8.95E-01	1.00E+00	1.21	7.71E-02	6.13E-01
XBP1	-0.11	7.53E-01	1.00E+00	-0.82	7.71E-02	6.13E-01
CD163L1	0.72	1.42E-01	1.00E+00	0.65	7.71E-02	6.13E-01
XLOC_009723	0.16	9.21E-01	1.00E+00	-1.76	7.71E-02	6.13E-01
ADAMTS9-AS1	0.67	6.20E-01	1.00E+00	-1.40	7.72E-02	6.13E-01
NRIR	3.10	3.60E-01	1.00E+00	2.58	7.72E-02	6.13E-01
PDLIM7	-0.51	2.57E-01	1.00E+00	0.63	7.72E-02	6.13E-01
AC087633.2	-1.26	3.26E-01	1.00E+00	-1.05	7.73E-02	6.13E-01
XLOC_002344	-0.18	9.07E-01	1.00E+00	-1.57	7.73E-02	6.13E-01
ADAM10	0.21	4.53E-01	1.00E+00	0.30	7.73E-02	6.13E-01
AC098484.4	0.64	5.02E-01	1.00E+00	-1.15	7.73E-02	6.13E-01
AC005829.2	-1.16	6.40E-01	1.00E+00	-3.71	7.74E-02	6.14E-01
DOCK9-DT	-0.10	8.00E-01	1.00E+00	-0.90	7.74E-02	6.14E-01
CUL2	0.11	4.87E-01	1.00E+00	-0.30	7.74E-02	6.14E-01
MIA	NA	NA	NA	-1.39	7.74E-02	6.14E-01
PSD	-1.68	2.88E-03	2.79E-01	0.72	7.75E-02	6.14E-01
FAM30A	0.87	7.56E-01	1.00E+00	2.63	7.75E-02	6.14E-01
C1orf74	-0.25	6.04E-01	1.00E+00	0.60	7.75E-02	6.14E-01
FP325330.3	0.10	9.36E-01	1.00E+00	-3.08	7.76E-02	6.14E-01
DCK	0.32	3.22E-01	1.00E+00	-0.51	7.76E-02	6.14E-01
PCDHA11	-2.34	8.67E-02	1.00E+00	-2.70	7.76E-02	6.14E-01
XLOC_010989	-2.39	4.35E-01	1.00E+00	-3.27	7.76E-02	6.14E-01
NDRG2	-0.03	9.11E-01	1.00E+00	-0.43	7.76E-02	6.14E-01
CARHSP1	0.04	9.12E-01	1.00E+00	0.47	7.77E-02	6.14E-01
EEF2KMT	-0.31	2.16E-01	1.00E+00	0.40	7.78E-02	6.14E-01
TM6SF2	0.01	9.98E-01	1.00E+00	1.85	7.78E-02	6.14E-01

G14339	0.86	5.90E-01	1.00E+00	1.24	7.78E-02	6.14E-01
LDHAP3	1.02	7.67E-01	1.00E+00	-1.35	7.78E-02	6.14E-01
CCL13	0.17	7.91E-01	1.00E+00	0.97	7.78E-02	6.14E-01
F8A3	-0.04	9.59E-01	1.00E+00	-1.37	7.79E-02	6.14E-01
RPL12P47	NA	NA	NA	-1.16	7.79E-02	6.14E-01
PGF	-0.76	7.40E-03	5.23E-01	0.88	7.80E-02	6.14E-01
IFI44L	1.03	3.28E-01	1.00E+00	1.21	7.80E-02	6.14E-01
TM9SF3	0.14	4.45E-01	1.00E+00	-0.55	7.80E-02	6.14E-01
AP001033.1	-2.67	3.64E-01	1.00E+00	-2.23	7.81E-02	6.14E-01
CHD2	-0.09	7.19E-01	1.00E+00	0.55	7.81E-02	6.14E-01
FOXA1	0.07	9.55E-01	1.00E+00	-1.78	7.81E-02	6.14E-01
ADH6	-0.36	6.55E-01	1.00E+00	-1.53	7.81E-02	6.14E-01
AC026271.1	0.33	2.46E-01	1.00E+00	-0.61	7.81E-02	6.14E-01
IQCA1	-0.58	4.38E-01	1.00E+00	1.13	7.81E-02	6.14E-01
THY1	-0.48	4.74E-01	1.00E+00	1.10	7.81E-02	6.14E-01
LSM12	-0.26	1.70E-01	1.00E+00	-0.32	7.81E-02	6.14E-01
NUDCD2	0.02	9.19E-01	1.00E+00	-0.62	7.81E-02	6.14E-01
XLOC_012894	-0.33	4.34E-01	1.00E+00	0.56	7.82E-02	6.14E-01
COMMD4	-0.21	3.03E-01	1.00E+00	0.31	7.82E-02	6.14E-01
MED13	-0.05	8.29E-01	1.00E+00	0.58	7.82E-02	6.14E-01
POM121B	0.26	7.27E-01	1.00E+00	1.48	7.82E-02	6.14E-01
SRPK2	-0.03	8.62E-01	1.00E+00	0.32	7.83E-02	6.14E-01
AC007496.1	0.01	9.98E-01	1.00E+00	-2.08	7.83E-02	6.14E-01
POLI	0.22	5.07E-01	1.00E+00	-0.67	7.83E-02	6.14E-01
WFDC3	0.01	9.93E-01	1.00E+00	-1.34	7.84E-02	6.14E-01
PIWIL1	-2.88	1.60E-01	1.00E+00	3.29	7.84E-02	6.14E-01
PCYT2	-0.27	3.18E-01	1.00E+00	-0.94	7.85E-02	6.14E-01
AL158211.5	-0.09	9.53E-01	1.00E+00	-2.24	7.85E-02	6.14E-01
ZNF652	0.25	2.12E-01	1.00E+00	-0.53	7.85E-02	6.14E-01
AC108097.1	-2.85	1.12E-01	1.00E+00	-1.74	7.85E-02	6.14E-01
AP003392.6	-0.14	9.61E-01	1.00E+00	1.58	7.86E-02	6.14E-01
ZNF563	-0.13	6.37E-01	1.00E+00	-0.71	7.86E-02	6.14E-01

SSU72	-0.08	6.30E-01	1.00E+00	-0.44	7.86E-02	6.14E-01
XLOC_009944	1.46	4.52E-01	1.00E+00	1.60	7.87E-02	6.14E-01
AC015914.1	-0.22	9.21E-01	1.00E+00	-2.02	7.87E-02	6.14E-01
LINC00629	-1.78	6.06E-01	1.00E+00	-2.74	7.87E-02	6.14E-01
AL136116.3	0.35	5.47E-01	1.00E+00	-0.77	7.87E-02	6.14E-01
AL139289.1	-1.54	4.16E-01	1.00E+00	2.62	7.88E-02	6.15E-01
ZBTB17	-0.07	7.05E-01	1.00E+00	0.62	7.89E-02	6.15E-01
OACYLP	-0.93	5.85E-01	1.00E+00	2.80	7.89E-02	6.15E-01
ZNF675	-0.16	6.88E-01	1.00E+00	-0.69	7.89E-02	6.15E-01
TGIF1	-0.18	5.30E-01	1.00E+00	0.33	7.89E-02	6.15E-01
ZFHX3	-0.06	8.41E-01	1.00E+00	0.61	7.90E-02	6.15E-01
ARL6IP5	0.36	2.70E-01	1.00E+00	-0.63	7.90E-02	6.15E-01
DZANK1	0.01	9.85E-01	1.00E+00	-0.64	7.90E-02	6.15E-01
WFDC21P	0.92	1.21E-01	1.00E+00	-1.37	7.91E-02	6.15E-01
LAT2	-0.08	8.47E-01	1.00E+00	0.95	7.91E-02	6.15E-01
DISC1	0.49	2.54E-01	1.00E+00	1.14	7.92E-02	6.15E-01
FUT3	-1.21	8.94E-03	5.88E-01	1.40	7.92E-02	6.15E-01
COLGALT2	0.09	8.93E-01	1.00E+00	1.43	7.92E-02	6.15E-01
KLRD1	0.02	9.85E-01	1.00E+00	1.43	7.92E-02	6.16E-01
HNRNPA1P54	-0.51	8.83E-01	1.00E+00	-1.59	7.93E-02	6.16E-01
FAM206A	0.26	2.01E-01	1.00E+00	-0.61	7.94E-02	6.16E-01
MTHFD2	0.03	9.15E-01	1.00E+00	0.45	7.94E-02	6.16E-01
LRTOMT	0.52	2.36E-01	1.00E+00	-0.81	7.95E-02	6.16E-01
USP44	0.99	1.66E-01	1.00E+00	-1.22	7.95E-02	6.16E-01
PTPN12	0.06	7.85E-01	1.00E+00	0.57	7.96E-02	6.16E-01
AC124319.2	0.63	3.38E-01	1.00E+00	1.55	7.96E-02	6.16E-01
RP11-277L2.3	-2.02	3.96E-01	1.00E+00	1.22	7.96E-02	6.16E-01
SLC28A1	1.34	6.98E-01	1.00E+00	2.64	7.97E-02	6.16E-01
GNAS-AS1	-1.39	3.28E-01	1.00E+00	1.98	7.98E-02	6.16E-01
SUGCT	0.49	4.37E-01	1.00E+00	0.75	7.98E-02	6.16E-01
TRAV8-6	1.73	4.12E-01	1.00E+00	2.06	7.98E-02	6.16E-01
FCGR2B	0.09	8.50E-01	1.00E+00	0.66	7.98E-02	6.16E-01

CCDC13-AS1	0.79	6.87E-01	1.00E+00	-2.04	7.98E-02	6.16E-01
EEF1A1P11	-0.30	5.85E-01	1.00E+00	-0.68	7.98E-02	6.16E-01
LCK	-0.98	1.68E-01	1.00E+00	1.24	7.99E-02	6.16E-01
APP	0.03	9.14E-01	1.00E+00	0.87	7.99E-02	6.16E-01
MRPS6	0.07	7.63E-01	1.00E+00	-0.45	7.99E-02	6.16E-01
G36288	0.10	8.94E-01	1.00E+00	-1.10	7.99E-02	6.16E-01
AC025580.1	-2.29	2.33E-01	1.00E+00	1.81	7.99E-02	6.16E-01
AC093724.1	0.82	7.97E-02	1.00E+00	1.56	7.99E-02	6.16E-01
MPP1	-0.11	7.27E-01	1.00E+00	0.53	7.99E-02	6.16E-01
VGLL4	-0.02	8.93E-01	1.00E+00	0.39	8.00E-02	6.16E-01
DPY19L2P2	-0.43	4.41E-01	1.00E+00	1.19	8.00E-02	6.16E-01
CACYBPP2	-0.04	9.72E-01	1.00E+00	-0.97	8.00E-02	6.16E-01
SUZ12	0.08	7.73E-01	1.00E+00	-0.50	8.00E-02	6.16E-01
SRP9P1	0.50	2.85E-01	1.00E+00	-0.60	8.01E-02	6.16E-01
LRRC8B	-0.38	2.83E-01	1.00E+00	-0.54	8.01E-02	6.16E-01
TRIM23	0.14	7.05E-01	1.00E+00	-0.59	8.01E-02	6.16E-01
IGLVI-70	0.00	1.00E+00	NA	5.38	8.01E-02	6.16E-01
CCDC65	0.02	9.78E-01	1.00E+00	1.21	8.01E-02	6.16E-01
AL035413.2	-0.50	3.62E-01	1.00E+00	-0.95	8.02E-02	6.16E-01
SLC25A20	0.76	4.76E-02	1.00E+00	-0.62	8.02E-02	6.16E-01
COL24A1	-0.75	3.82E-01	1.00E+00	1.50	8.02E-02	6.16E-01
C12orf77	-1.40	3.93E-01	1.00E+00	-2.71	8.02E-02	6.16E-01
NDEL1	0.03	9.44E-01	1.00E+00	0.43	8.02E-02	6.16E-01
XLOC_009217	-0.24	7.15E-01	1.00E+00	-1.64	8.03E-02	6.16E-01
BAALC-AS1	-0.36	6.31E-01	1.00E+00	-0.60	8.03E-02	6.16E-01
PCED1B-AS1	-0.51	5.30E-01	1.00E+00	1.15	8.03E-02	6.16E-01
LACC1	-0.07	8.06E-01	1.00E+00	0.32	8.03E-02	6.16E-01
TRIM14	0.18	7.01E-01	1.00E+00	0.84	8.04E-02	6.16E-01
AC007485.1	-1.90	5.74E-01	1.00E+00	2.10	8.04E-02	6.16E-01
SETD1A	-0.61	2.54E-02	9.29E-01	1.30	8.06E-02	6.17E-01
CDK12	-0.28	2.18E-01	1.00E+00	0.68	8.06E-02	6.18E-01
PSMB8	-0.16	6.13E-01	1.00E+00	0.54	8.07E-02	6.18E-01

MT-TD	NA	NA	NA	-2.51	8.07E-02	6.18E-01
LINC02547	-0.21	8.75E-01	1.00E+00	-3.31	8.07E-02	6.18E-01
AC019080.5	2.52	4.04E-01	1.00E+00	2.58	8.08E-02	6.18E-01
TPPP	-0.25	5.57E-01	1.00E+00	-0.98	8.08E-02	6.18E-01
FABP5	0.11	7.52E-01	1.00E+00	0.65	8.08E-02	6.18E-01
C20orf194	0.68	1.25E-01	1.00E+00	0.79	8.08E-02	6.18E-01
XLOC_006169	-0.47	5.94E-01	1.00E+00	-1.34	8.09E-02	6.18E-01
NGF	-0.44	4.24E-01	1.00E+00	1.42	8.09E-02	6.18E-01
JSRP1	2.01	2.09E-01	1.00E+00	2.57	8.09E-02	6.18E-01
RPL7P21	-0.49	7.65E-01	1.00E+00	-1.09	8.10E-02	6.18E-01
ZNF569	0.05	8.72E-01	1.00E+00	-0.64	8.10E-02	6.18E-01
FAM13A-AS1	1.05	3.51E-01	1.00E+00	1.30	8.10E-02	6.18E-01
HEATR4	0.00	9.98E-01	1.00E+00	1.26	8.10E-02	6.18E-01
AL627402.1	-1.15	4.77E-01	1.00E+00	-0.85	8.11E-02	6.18E-01
MROH2A	-0.83	2.12E-01	1.00E+00	-1.56	8.11E-02	6.18E-01
EVC	-0.07	8.23E-01	1.00E+00	1.26	8.12E-02	6.18E-01
IRF2	0.00	9.98E-01	1.00E+00	0.45	8.12E-02	6.18E-01
G19573	-2.10	6.81E-02	1.00E+00	-1.67	8.12E-02	6.18E-01
GGA3	-0.17	4.81E-01	1.00E+00	0.62	8.12E-02	6.18E-01
AC002306.1	-1.71	6.18E-01	1.00E+00	-2.47	8.12E-02	6.18E-01
AL390728.6	0.62	3.12E-01	1.00E+00	-0.92	8.12E-02	6.18E-01
TRAV12-3	-0.30	9.01E-01	1.00E+00	1.85	8.13E-02	6.18E-01
AC026254.2	-1.86	2.01E-01	1.00E+00	2.05	8.13E-02	6.18E-01
AC080188.2	-3.16	6.62E-03	4.93E-01	1.29	8.14E-02	6.18E-01
AL513318.2	1.54	6.83E-02	1.00E+00	1.89	8.14E-02	6.18E-01
RAPGEF1	0.03	9.01E-01	1.00E+00	1.10	8.14E-02	6.18E-01
TTC32	-0.25	4.64E-01	1.00E+00	-0.76	8.14E-02	6.18E-01
PDCD1LG2	0.47	2.59E-01	1.00E+00	1.12	8.14E-02	6.18E-01
RYK	0.40	5.33E-02	1.00E+00	-0.63	8.15E-02	6.18E-01
POR	-0.06	7.90E-01	1.00E+00	0.55	8.15E-02	6.18E-01
CDK18	-0.62	1.17E-01	1.00E+00	1.26	8.15E-02	6.18E-01
NFYC	-0.06	7.21E-01	1.00E+00	-0.20	8.15E-02	6.18E-01

VWF	0.39	5.46E-01	1.00E+00	1.12	8.16E-02	6.19E-01
G28914	-0.49	6.25E-01	1.00E+00	-1.86	8.16E-02	6.19E-01
AC010761.1	0.14	8.55E-01	1.00E+00	1.36	8.17E-02	6.19E-01
IGHV3-9	7.72	5.32E-08	2.27E-05	2.23	8.17E-02	6.19E-01
KDSR	0.19	3.56E-01	1.00E+00	-0.42	8.18E-02	6.20E-01
UBR4	0.22	4.04E-01	1.00E+00	0.55	8.20E-02	6.20E-01
ZNF689	-0.07	7.75E-01	1.00E+00	0.54	8.20E-02	6.20E-01
FAM129B	0.00	9.86E-01	1.00E+00	1.29	8.20E-02	6.20E-01
5-Sep	-0.79	4.76E-01	1.00E+00	0.83	8.20E-02	6.20E-01
KBTBD4	-0.30	4.09E-01	1.00E+00	-0.35	8.20E-02	6.20E-01
SH3PXD2A	-0.21	4.62E-01	1.00E+00	0.87	8.20E-02	6.20E-01
PPIAP41	-1.20	5.22E-01	1.00E+00	-2.30	8.20E-02	6.20E-01
FKBPL	0.12	6.90E-01	1.00E+00	0.58	8.20E-02	6.20E-01
VENTX	0.46	4.54E-01	1.00E+00	2.01	8.21E-02	6.20E-01
THAP12P7	0.88	4.52E-01	1.00E+00	-1.51	8.21E-02	6.20E-01
SMURF2P1-LRRC37BP1	-0.56	8.08E-01	1.00E+00	1.15	8.21E-02	6.20E-01
AP000695.1	0.67	5.40E-01	1.00E+00	1.93	8.22E-02	6.20E-01
OTUD7A	-0.47	1.37E-01	1.00E+00	-0.79	8.23E-02	6.20E-01
SPAG1	0.11	8.52E-01	1.00E+00	-0.68	8.23E-02	6.20E-01
TBCCD1	-0.05	8.68E-01	1.00E+00	-0.50	8.23E-02	6.20E-01
AC104596.1	-0.20	7.71E-01	1.00E+00	1.39	8.23E-02	6.20E-01
LGALS3	-0.03	9.00E-01	1.00E+00	-0.45	8.23E-02	6.20E-01
AC073264.3	2.07	7.21E-02	1.00E+00	1.30	8.24E-02	6.20E-01
ITGA5	0.10	8.10E-01	1.00E+00	1.02	8.24E-02	6.20E-01
SCGB2A2	0.33	8.07E-01	1.00E+00	-1.62	8.25E-02	6.20E-01
CNTN6	1.53	6.44E-01	1.00E+00	2.45	8.25E-02	6.20E-01
KRT8P3	-0.27	8.41E-01	1.00E+00	-1.45	8.25E-02	6.20E-01
AP000786.1	0.98	6.87E-01	1.00E+00	-2.61	8.26E-02	6.20E-01
XLOC_010145	-0.08	9.50E-01	1.00E+00	1.49	8.26E-02	6.20E-01
IGLV7-46	-0.11	9.67E-01	1.00E+00	2.56	8.26E-02	6.20E-01
AC099494.3	1.27	7.13E-01	1.00E+00	-3.02	8.27E-02	6.20E-01
SCDP1	1.96	5.66E-01	1.00E+00	-2.32	8.27E-02	6.20E-01

AC008895.1	-0.25	9.28E-01	1.00E+00	1.56	8.27E-02	6.20E-01
VPS53	-0.11	6.80E-01	1.00E+00	0.49	8.27E-02	6.20E-01
AC098613.1	-1.40	5.76E-01	1.00E+00	1.52	8.27E-02	6.20E-01
GTF2IRD2P1	0.76	4.75E-01	1.00E+00	-1.40	8.27E-02	6.20E-01
ERO1A	-0.05	8.35E-01	1.00E+00	0.32	8.27E-02	6.20E-01
DLK1	-0.38	6.95E-01	1.00E+00	-2.12	8.28E-02	6.20E-01
FTH1P5	0.10	9.61E-01	1.00E+00	-1.21	8.28E-02	6.20E-01
RAB34	-0.14	6.10E-01	1.00E+00	0.33	8.28E-02	6.20E-01
TRAV8-2	1.59	4.53E-01	1.00E+00	1.61	8.29E-02	6.21E-01
LINC02018	-1.31	2.00E-01	1.00E+00	-0.99	8.29E-02	6.21E-01
ADCY7	0.10	7.25E-01	1.00E+00	1.20	8.29E-02	6.21E-01
FBXO39	-1.49	1.18E-01	1.00E+00	1.73	8.30E-02	6.21E-01
FAS	-0.34	3.82E-01	1.00E+00	0.47	8.30E-02	6.21E-01
AC007342.9	-1.69	2.46E-01	1.00E+00	-2.03	8.30E-02	6.21E-01
AC131934.1	1.85	7.17E-02	1.00E+00	1.69	8.30E-02	6.21E-01
MANEA	-0.13	7.30E-01	1.00E+00	-0.39	8.31E-02	6.21E-01
INPPL1	-0.06	8.29E-01	1.00E+00	1.12	8.32E-02	6.21E-01
EPHB2	-0.36	5.50E-01	1.00E+00	1.21	8.32E-02	6.21E-01
ATXN1	0.06	8.19E-01	1.00E+00	0.42	8.32E-02	6.21E-01
XLOC_000190	0.51	5.79E-01	1.00E+00	-1.35	8.33E-02	6.21E-01
MIR663AHG	-0.22	7.13E-01	1.00E+00	-1.66	8.33E-02	6.21E-01
EDRF1	0.09	7.93E-01	1.00E+00	-0.43	8.33E-02	6.21E-01
COQ10A	-0.41	3.76E-01	1.00E+00	-0.75	8.34E-02	6.21E-01
USP30	-0.09	6.41E-01	1.00E+00	-0.37	8.34E-02	6.21E-01
RNASSET2	-0.28	3.23E-01	1.00E+00	0.74	8.34E-02	6.21E-01
UBASH3B	0.28	6.86E-01	1.00E+00	0.79	8.34E-02	6.21E-01
GSDMD	-0.43	2.14E-01	1.00E+00	0.87	8.34E-02	6.21E-01
FGF1	-0.10	9.03E-01	1.00E+00	-0.90	8.34E-02	6.21E-01
FBXW11P1	1.65	3.47E-01	1.00E+00	-2.42	8.35E-02	6.21E-01
AC092634.4	0.62	5.59E-01	1.00E+00	-1.36	8.35E-02	6.21E-01
XLOC_011016	0.78	2.82E-01	1.00E+00	-1.23	8.35E-02	6.21E-01
AP001542.3	0.04	8.65E-01	1.00E+00	-0.94	8.35E-02	6.21E-01

AC005488.1	0.69	4.22E-01	1.00E+00	1.24	8.36E-02	6.21E-01
KLK13	-0.66	2.20E-01	1.00E+00	1.41	8.37E-02	6.21E-01
PRR33	-0.26	7.65E-01	1.00E+00	1.93	8.37E-02	6.21E-01
SH3BP1	-0.24	5.97E-01	1.00E+00	0.99	8.37E-02	6.21E-01
AC016877.3	0.99	2.32E-01	1.00E+00	-1.83	8.38E-02	6.21E-01
HMGXB4	0.12	4.68E-01	1.00E+00	0.34	8.38E-02	6.21E-01
EPAS1	0.18	6.28E-01	1.00E+00	0.81	8.39E-02	6.21E-01
AC007382.1	0.01	9.71E-01	1.00E+00	0.67	8.39E-02	6.21E-01
SLC1A6	-0.71	1.76E-01	1.00E+00	-1.19	8.39E-02	6.21E-01
INSIG1	0.27	4.56E-01	1.00E+00	-0.92	8.39E-02	6.21E-01
AP001623.1	-0.41	4.41E-01	1.00E+00	1.04	8.39E-02	6.21E-01
AKT3	0.44	3.43E-01	1.00E+00	1.09	8.39E-02	6.21E-01
AC007424.1	0.60	6.87E-01	1.00E+00	-2.23	8.39E-02	6.21E-01
BCAT1	-0.01	9.82E-01	1.00E+00	1.06	8.39E-02	6.21E-01
NADSYN1	0.05	8.71E-01	1.00E+00	0.40	8.40E-02	6.22E-01
PLXNC1	-0.29	2.70E-01	1.00E+00	0.95	8.41E-02	6.22E-01
HNRNPA1L2	0.04	9.23E-01	1.00E+00	0.51	8.41E-02	6.22E-01
CD24P4	-0.15	6.36E-01	1.00E+00	1.06	8.41E-02	6.22E-01
CA6	-0.55	3.35E-01	1.00E+00	-1.33	8.42E-02	6.22E-01
MADCAM1	-0.08	9.36E-01	1.00E+00	1.38	8.43E-02	6.22E-01
TAB1	-0.07	6.89E-01	1.00E+00	0.66	8.43E-02	6.22E-01
LPIN2	0.44	2.02E-01	1.00E+00	1.00	8.43E-02	6.22E-01
AC007388.1	0.23	3.81E-01	1.00E+00	-0.64	8.43E-02	6.22E-01
AP5M1	-0.06	8.01E-01	1.00E+00	-0.42	8.44E-02	6.22E-01
NHLRC2	-0.12	6.74E-01	1.00E+00	-0.50	8.44E-02	6.22E-01
GP5M1	0.01	9.74E-01	1.00E+00	1.20	8.44E-02	6.22E-01
TOB1-AS1	0.21	7.43E-01	1.00E+00	-0.84	8.44E-02	6.22E-01
HMGB1P14	NA	NA	NA	-2.51	8.44E-02	6.22E-01
SLC35F2	-0.01	9.71E-01	1.00E+00	-0.43	8.44E-02	6.22E-01
EIF3D	-0.17	4.76E-01	1.00E+00	0.32	8.45E-02	6.22E-01
RPL39P40	0.98	3.46E-01	1.00E+00	-2.46	8.45E-02	6.22E-01
AC090198.1	0.46	2.61E-01	1.00E+00	1.05	8.45E-02	6.22E-01

LPAL2	-0.25	6.01E-01	1.00E+00	1.05	8.45E-02	6.22E-01
NECAB1	-0.37	4.40E-01	1.00E+00	-0.92	8.45E-02	6.22E-01
FCAR	0.38	9.14E-01	1.00E+00	2.33	8.45E-02	6.22E-01
RIDA	0.23	3.72E-01	1.00E+00	-0.71	8.45E-02	6.22E-01
FEN1	-0.31	8.46E-02	1.00E+00	0.33	8.45E-02	6.22E-01
ZC4H2	-0.06	8.40E-01	1.00E+00	0.62	8.46E-02	6.22E-01
MS4A7	0.71	6.91E-02	1.00E+00	0.90	8.46E-02	6.22E-01
VWDE	-0.69	4.48E-01	1.00E+00	-2.57	8.47E-02	6.22E-01
POLD3	-0.17	2.84E-01	1.00E+00	0.26	8.47E-02	6.22E-01
CAP1	-0.17	2.99E-01	1.00E+00	0.34	8.48E-02	6.22E-01
DUOXA2	0.43	5.79E-01	1.00E+00	2.77	8.48E-02	6.22E-01
XLOC_003433	2.65	1.07E-01	1.00E+00	1.87	8.48E-02	6.22E-01
SRF	-0.04	8.24E-01	1.00E+00	1.10	8.49E-02	6.22E-01
CES1	1.35	2.39E-02	9.18E-01	-1.26	8.49E-02	6.22E-01
IRF3	-0.27	3.37E-01	1.00E+00	0.48	8.49E-02	6.23E-01
CCDC126	0.34	3.55E-01	1.00E+00	-0.78	8.50E-02	6.23E-01
MFF	-0.01	9.40E-01	1.00E+00	-0.40	8.50E-02	6.23E-01
PAPLN	0.49	2.64E-01	1.00E+00	1.03	8.50E-02	6.23E-01
GLS	0.31	5.25E-01	1.00E+00	-0.66	8.50E-02	6.23E-01
WNT5A-AS1	-0.98	1.96E-01	1.00E+00	2.79	8.51E-02	6.23E-01
SRSF8	0.11	5.80E-01	1.00E+00	-0.51	8.51E-02	6.23E-01
AL021068.2	NA	NA	NA	2.57	8.51E-02	6.23E-01
XLOC_008102	0.90	7.96E-01	1.00E+00	-1.96	8.51E-02	6.23E-01
AL158151.1	-0.33	7.45E-01	1.00E+00	1.56	8.51E-02	6.23E-01
NBPF10	-0.34	4.99E-01	1.00E+00	0.72	8.53E-02	6.23E-01
CALM3	0.08	7.76E-01	1.00E+00	0.51	8.53E-02	6.23E-01
GLUD1	0.11	5.48E-01	1.00E+00	-0.62	8.53E-02	6.23E-01
DLX6-AS1	0.08	9.12E-01	1.00E+00	-1.20	8.54E-02	6.23E-01
BAG6	-0.11	5.75E-01	1.00E+00	0.81	8.54E-02	6.23E-01
AC105101.1	-0.97	7.80E-01	1.00E+00	2.22	8.54E-02	6.23E-01
FRY-AS1	0.39	9.10E-01	1.00E+00	-2.50	8.54E-02	6.23E-01
AP000924.1	-1.38	2.80E-01	1.00E+00	1.86	8.55E-02	6.23E-01

AL360012.1	1.54	2.56E-01	1.00E+00	-1.47	8.55E-02	6.23E-01
MYADM	0.15	5.51E-01	1.00E+00	0.64	8.55E-02	6.23E-01
G33836	0.68	5.76E-01	1.00E+00	-1.83	8.55E-02	6.23E-01
NDUFAF6	-0.06	7.90E-01	1.00E+00	-0.50	8.55E-02	6.23E-01
FGD4	0.16	5.17E-01	1.00E+00	-0.45	8.55E-02	6.23E-01
XLOC_001453	-0.60	8.31E-01	1.00E+00	-1.83	8.56E-02	6.23E-01
KIF13B	0.12	6.06E-01	1.00E+00	0.81	8.56E-02	6.23E-01
PHYH	0.29	2.59E-01	1.00E+00	-0.62	8.56E-02	6.23E-01
NSD3	-0.03	8.58E-01	1.00E+00	-0.31	8.57E-02	6.23E-01
G25345	1.68	3.05E-01	1.00E+00	1.94	8.57E-02	6.23E-01
FES	-0.12	7.59E-01	1.00E+00	0.76	8.57E-02	6.23E-01
AL109936.2	0.41	6.63E-01	1.00E+00	-1.24	8.58E-02	6.23E-01
PCBP1	-0.23	2.40E-01	1.00E+00	0.67	8.58E-02	6.23E-01
ATP5MGL	0.74	8.29E-01	1.00E+00	-1.56	8.58E-02	6.23E-01
MEG3	-0.49	5.10E-01	1.00E+00	1.11	8.59E-02	6.24E-01
TTC3	0.28	3.45E-01	1.00E+00	-0.37	8.59E-02	6.24E-01
C2orf76	0.19	3.78E-01	1.00E+00	-0.85	8.59E-02	6.24E-01
TRO	0.31	5.71E-01	1.00E+00	0.80	8.60E-02	6.24E-01
CA1	0.53	8.29E-01	1.00E+00	-2.88	8.61E-02	6.24E-01
MTERF2	1.01	5.21E-03	4.20E-01	-0.74	8.61E-02	6.24E-01
AC002056.1	1.02	7.67E-01	1.00E+00	-1.14	8.61E-02	6.24E-01
FAM225B	0.72	4.90E-01	1.00E+00	2.11	8.61E-02	6.24E-01
SLC25A17	0.12	5.22E-01	1.00E+00	-0.47	8.61E-02	6.24E-01
SMCR8	-0.01	9.76E-01	1.00E+00	0.90	8.62E-02	6.24E-01
COQ9	0.01	9.69E-01	1.00E+00	-0.31	8.62E-02	6.24E-01
WASF2	0.07	7.83E-01	1.00E+00	0.34	8.63E-02	6.24E-01
AC114760.2	-1.05	6.29E-01	1.00E+00	1.31	8.63E-02	6.24E-01
PCA3	-1.51	6.54E-01	1.00E+00	-1.87	8.63E-02	6.24E-01
SHD	-10.98	1.34E-03	1.97E-01	3.64	8.63E-02	6.24E-01
RNU6-2	-0.56	7.39E-01	1.00E+00	-1.25	8.65E-02	6.25E-01
LRRC20	-0.38	1.27E-01	1.00E+00	1.04	8.65E-02	6.25E-01
AL590705.1	-1.63	6.33E-01	1.00E+00	-2.24	8.67E-02	6.26E-01

AC067852.3	-1.41	4.69E-01	1.00E+00	1.91	8.67E-02	6.26E-01
SLC37A2	0.17	7.54E-01	1.00E+00	0.75	8.67E-02	6.26E-01
CRISPLD2	0.25	5.05E-01	1.00E+00	0.90	8.67E-02	6.26E-01
CTHRC1	0.79	1.80E-01	1.00E+00	0.99	8.68E-02	6.26E-01
RAB24	-0.15	7.11E-01	1.00E+00	0.70	8.68E-02	6.26E-01
AC012358.2	-0.18	7.68E-01	1.00E+00	0.62	8.68E-02	6.26E-01
SPNS3	0.16	7.99E-01	1.00E+00	0.91	8.69E-02	6.26E-01
FASTKD1	0.14	6.58E-01	1.00E+00	-0.37	8.69E-02	6.26E-01
RNF215	0.26	5.72E-01	1.00E+00	1.63	8.69E-02	6.26E-01
LINC-PINT	0.12	8.19E-01	1.00E+00	-0.65	8.69E-02	6.26E-01
AL583856.2	-0.88	5.68E-01	1.00E+00	-1.91	8.69E-02	6.26E-01
LILRA4	-3.54	2.26E-03	2.41E-01	2.11	8.70E-02	6.26E-01
FRAT2	-0.17	6.12E-01	1.00E+00	-0.94	8.70E-02	6.26E-01
CDK11A	-0.51	6.67E-01	1.00E+00	1.03	8.70E-02	6.26E-01
TBC1D10A	0.28	3.14E-01	1.00E+00	0.33	8.70E-02	6.26E-01
VSIG4	0.31	5.56E-01	1.00E+00	1.12	8.72E-02	6.27E-01
CREB3L2	0.13	7.37E-01	1.00E+00	0.61	8.73E-02	6.27E-01
RIMBP2	-0.76	5.10E-02	1.00E+00	1.18	8.73E-02	6.27E-01
TSPAN12	0.56	3.98E-01	1.00E+00	-0.84	8.73E-02	6.27E-01
PROX2	-2.20	1.99E-01	1.00E+00	3.28	8.73E-02	6.27E-01
SHOX2	0.38	3.74E-01	1.00E+00	0.93	8.74E-02	6.27E-01
EBPL	-0.28	2.58E-01	1.00E+00	-1.02	8.74E-02	6.27E-01
DGCR8	-0.31	2.27E-01	1.00E+00	0.68	8.74E-02	6.27E-01
ANAPC10	-0.03	9.34E-01	1.00E+00	-0.89	8.74E-02	6.27E-01
BCAP29	0.15	4.32E-01	1.00E+00	-0.48	8.75E-02	6.28E-01
MICB	-0.01	9.80E-01	1.00E+00	1.46	8.76E-02	6.28E-01
CORT	-1.29	5.61E-01	1.00E+00	-1.91	8.76E-02	6.28E-01
MT1H	-0.05	9.56E-01	1.00E+00	-1.44	8.76E-02	6.28E-01
CDC42SE1	-0.26	3.58E-01	1.00E+00	0.92	8.76E-02	6.28E-01
APIP	0.30	3.74E-01	1.00E+00	-0.48	8.76E-02	6.28E-01
COX10-AS1	-0.07	8.42E-01	1.00E+00	-0.56	8.77E-02	6.28E-01
OS9	0.01	9.61E-01	1.00E+00	0.39	8.77E-02	6.28E-01

CHST15	-0.01	9.75E-01	1.00E+00	0.72	8.77E-02	6.28E-01
TCF3P1	-2.85	2.17E-01	1.00E+00	2.81	8.78E-02	6.28E-01
UBA6-AS1	0.26	5.63E-01	1.00E+00	-0.47	8.79E-02	6.28E-01
ABCB10	0.37	2.33E-01	1.00E+00	-0.84	8.79E-02	6.28E-01
IGLV5-37	NA	NA	NA	5.40	8.79E-02	6.28E-01
HLA-DRA	-0.51	1.52E-01	1.00E+00	0.77	8.80E-02	6.28E-01
AP003555.2	0.05	9.81E-01	1.00E+00	1.47	8.80E-02	6.28E-01
CCDC157	0.01	9.89E-01	1.00E+00	0.72	8.80E-02	6.28E-01
IL23A	-1.26	1.75E-01	1.00E+00	1.26	8.80E-02	6.28E-01
WDR66	-0.36	4.60E-01	1.00E+00	1.17	8.81E-02	6.28E-01
RBBP9	-0.35	1.30E-01	1.00E+00	-0.46	8.81E-02	6.28E-01
PEX5L	-1.22	7.11E-01	1.00E+00	2.26	8.81E-02	6.28E-01
RAB26	-1.01	3.00E-02	9.97E-01	-1.10	8.81E-02	6.28E-01
GAL3ST2	-2.29	1.91E-01	1.00E+00	2.15	8.81E-02	6.28E-01
GATD3B	-1.32	5.06E-01	1.00E+00	1.45	8.81E-02	6.28E-01
FPR1	0.12	8.53E-01	1.00E+00	1.63	8.82E-02	6.29E-01
TMEM222	-0.04	8.84E-01	1.00E+00	0.25	8.83E-02	6.29E-01
KMO	0.21	8.11E-01	1.00E+00	2.17	8.83E-02	6.29E-01
AC243964.2	0.72	4.65E-01	1.00E+00	-1.31	8.83E-02	6.29E-01
AP000766.1	-0.45	3.74E-01	1.00E+00	-0.93	8.83E-02	6.29E-01
COX14	0.41	1.33E-01	1.00E+00	-0.71	8.84E-02	6.29E-01
KLHL30	1.62	4.95E-02	1.00E+00	1.25	8.84E-02	6.29E-01
LHPP	-0.10	7.09E-01	1.00E+00	0.28	8.84E-02	6.29E-01
C5orf24	0.24	4.30E-01	1.00E+00	-0.36	8.86E-02	6.30E-01
AC064805.1	-2.61	4.36E-01	1.00E+00	1.81	8.86E-02	6.30E-01
SCGN	-0.13	9.69E-01	1.00E+00	-2.70	8.86E-02	6.30E-01
GPAT2	-1.05	1.56E-01	1.00E+00	-1.12	8.86E-02	6.30E-01
G34083	-0.05	9.88E-01	1.00E+00	2.32	8.87E-02	6.30E-01
SLCO2B1	0.24	5.33E-01	1.00E+00	1.19	8.87E-02	6.30E-01
WDR5B	0.30	4.73E-01	1.00E+00	-0.58	8.88E-02	6.30E-01
ZSCAN5A	-0.17	5.48E-01	1.00E+00	-0.46	8.88E-02	6.30E-01
ARIH2	0.04	8.15E-01	1.00E+00	0.25	8.88E-02	6.30E-01

COL4A3	-1.84	6.72E-02	1.00E+00	1.64	8.88E-02	6.30E-01
TRGC2	0.54	5.92E-01	1.00E+00	1.97	8.89E-02	6.30E-01
AL645939.5	-0.13	8.54E-01	1.00E+00	1.03	8.89E-02	6.30E-01
G6PD	-0.21	4.47E-01	1.00E+00	0.80	8.90E-02	6.30E-01
DENR	-0.03	8.93E-01	1.00E+00	-0.33	8.90E-02	6.30E-01
AC007342.1	1.72	4.77E-01	1.00E+00	2.12	8.90E-02	6.30E-01
TMEM219	0.03	8.83E-01	1.00E+00	-0.37	8.90E-02	6.30E-01
DHRS11	-0.11	7.40E-01	1.00E+00	-1.14	8.91E-02	6.30E-01
AL445490.1	1.72	2.26E-01	1.00E+00	2.46	8.91E-02	6.30E-01
KCNG1	-1.10	4.89E-02	1.00E+00	1.41	8.91E-02	6.30E-01
ARHGDI1	-0.32	1.13E-01	1.00E+00	0.72	8.91E-02	6.30E-01
ROPN1	0.76	4.70E-01	1.00E+00	-1.00	8.91E-02	6.30E-01
KBTBD6	0.30	3.19E-01	1.00E+00	-0.50	8.92E-02	6.30E-01
ADAMTS6	1.07	2.67E-01	1.00E+00	1.16	8.92E-02	6.30E-01
SNORA59B	-0.80	8.18E-01	1.00E+00	-1.96	8.92E-02	6.30E-01
AC006299.1	0.20	8.99E-01	1.00E+00	-1.64	8.92E-02	6.30E-01
YWHAG	0.18	5.15E-01	1.00E+00	0.78	8.93E-02	6.30E-01
CTNS	-0.19	3.83E-01	1.00E+00	0.52	8.93E-02	6.30E-01
AC026770.1	NA	NA	NA	-3.45	8.93E-02	6.30E-01
HBD	2.36	2.27E-01	1.00E+00	2.01	8.93E-02	6.30E-01
EGLN1	0.05	8.39E-01	1.00E+00	-0.67	8.93E-02	6.30E-01
USP30-AS1	-1.04	7.63E-01	1.00E+00	1.34	8.93E-02	6.30E-01
NQO1	0.87	2.04E-01	1.00E+00	-0.89	8.95E-02	6.30E-01
THRB-IT1	1.40	4.55E-01	1.00E+00	1.17	8.95E-02	6.30E-01
G43485	-1.83	9.79E-02	1.00E+00	-1.90	8.95E-02	6.30E-01
SCP2	0.01	9.48E-01	1.00E+00	-0.54	8.97E-02	6.32E-01
GFI1	0.30	6.93E-01	1.00E+00	2.69	8.98E-02	6.32E-01
CYP2S1	0.32	2.55E-01	1.00E+00	0.91	8.98E-02	6.32E-01
AC011477.7	-0.18	8.79E-01	1.00E+00	2.12	8.98E-02	6.32E-01
XLOC_003422	-0.28	6.43E-01	1.00E+00	1.27	8.98E-02	6.32E-01
AL357078.3	-0.63	8.55E-01	1.00E+00	2.36	8.99E-02	6.32E-01
LGI3	-0.74	6.36E-02	1.00E+00	-1.34	9.00E-02	6.32E-01

BMT2	0.12	7.23E-01	1.00E+00	-0.31	9.00E-02	6.32E-01
G17366	0.04	9.82E-01	1.00E+00	3.37	9.00E-02	6.32E-01
AC087783.2	NA	NA	NA	-3.62	9.00E-02	6.32E-01
OTOAP1	1.18	6.06E-01	1.00E+00	1.70	9.00E-02	6.32E-01
ZFAND3	-0.19	4.39E-01	1.00E+00	0.88	9.00E-02	6.32E-01
STXBP2	0.01	9.85E-01	1.00E+00	0.63	9.01E-02	6.32E-01
PLEKHM1P1	-0.28	3.83E-01	1.00E+00	0.52	9.02E-02	6.32E-01
AP001207.3	0.17	7.58E-01	1.00E+00	-1.10	9.02E-02	6.32E-01
G38114	-2.96	4.82E-02	1.00E+00	1.46	9.02E-02	6.32E-01
AC040160.1	-1.05	4.50E-02	1.00E+00	0.74	9.03E-02	6.32E-01
GDI1	0.04	8.25E-01	1.00E+00	0.30	9.03E-02	6.32E-01
NPM1P25	-0.30	5.23E-01	1.00E+00	1.06	9.03E-02	6.32E-01
CCDC102B	-0.63	1.67E-01	1.00E+00	0.88	9.04E-02	6.32E-01
STEAP3	-0.78	7.06E-03	5.12E-01	0.83	9.04E-02	6.32E-01
AC010226.1	-0.23	7.46E-01	1.00E+00	-0.87	9.04E-02	6.32E-01
UQCRC2	-0.05	8.01E-01	1.00E+00	-0.19	9.04E-02	6.32E-01
CYP8B1	-1.18	4.21E-01	1.00E+00	1.88	9.04E-02	6.32E-01
AC027013.1	3.37	3.10E-01	1.00E+00	-2.95	9.05E-02	6.32E-01
CPA6	-2.17	5.23E-01	1.00E+00	2.53	9.05E-02	6.32E-01
CBWD2	-0.05	7.85E-01	1.00E+00	-0.38	9.05E-02	6.32E-01
TCEANC	0.61	1.22E-01	1.00E+00	-0.50	9.05E-02	6.32E-01
DMAC1	0.21	2.98E-01	1.00E+00	-0.46	9.05E-02	6.32E-01
MAGOH	-0.26	2.37E-01	1.00E+00	0.46	9.05E-02	6.32E-01
PCP2	2.54	1.62E-01	1.00E+00	-1.62	9.06E-02	6.32E-01
C14orf39	0.90	7.96E-01	1.00E+00	-1.79	9.06E-02	6.32E-01
SH2B3	0.07	8.49E-01	1.00E+00	1.18	9.07E-02	6.32E-01
PCDHGA10	-0.62	6.51E-02	1.00E+00	0.42	9.07E-02	6.32E-01
AP004782.1	-2.03	4.40E-01	1.00E+00	-2.82	9.07E-02	6.32E-01
ARAP1	-0.01	9.72E-01	1.00E+00	0.92	9.07E-02	6.32E-01
MCHR1	-0.70	1.49E-01	1.00E+00	1.84	9.07E-02	6.32E-01
LGALS9C	-1.89	2.54E-01	1.00E+00	1.48	9.08E-02	6.32E-01
CR1	0.37	6.78E-01	1.00E+00	1.89	9.08E-02	6.32E-01

WDSUB1	-0.24	4.50E-01	1.00E+00	-0.48	9.08E-02	6.32E-01
CCK	-2.71	2.41E-02	9.18E-01	1.39	9.09E-02	6.32E-01
ZNF528	0.58	1.24E-01	1.00E+00	-0.40	9.09E-02	6.32E-01
PRR12	-0.52	8.82E-02	1.00E+00	1.36	9.09E-02	6.32E-01
KCNIP4	-0.55	3.06E-01	1.00E+00	-0.85	9.09E-02	6.32E-01
AL121772.3	0.20	8.13E-01	1.00E+00	2.07	9.09E-02	6.32E-01
BAG1	-0.02	9.14E-01	1.00E+00	-0.66	9.10E-02	6.32E-01
XLOC_004517	4.89	4.51E-04	9.15E-02	-2.00	9.10E-02	6.32E-01
RNU5D-1	-0.83	6.98E-01	1.00E+00	-1.62	9.10E-02	6.32E-01
LINC02591	-0.53	1.02E-01	1.00E+00	0.87	9.10E-02	6.32E-01
SMN2	-1.02	3.57E-01	1.00E+00	-1.04	9.11E-02	6.32E-01
LARP4P	0.56	8.71E-01	1.00E+00	-1.99	9.11E-02	6.32E-01
CDKN2C	0.67	9.31E-02	1.00E+00	-0.79	9.11E-02	6.32E-01
MMP7	0.23	6.85E-01	1.00E+00	0.90	9.11E-02	6.32E-01
AC092135.1	1.13	7.36E-01	1.00E+00	2.93	9.11E-02	6.32E-01
CABIN1	-0.31	2.52E-01	1.00E+00	1.02	9.11E-02	6.32E-01
ATG101	-0.11	6.60E-01	1.00E+00	0.41	9.12E-02	6.32E-01
G34419	1.78	4.08E-01	1.00E+00	-2.37	9.12E-02	6.32E-01
TIAF1	0.14	8.12E-01	1.00E+00	1.19	9.12E-02	6.32E-01
GOLGA6L5P	0.45	6.55E-01	1.00E+00	1.28	9.13E-02	6.32E-01
PDGFB	-0.14	7.39E-01	1.00E+00	1.03	9.13E-02	6.32E-01
AC110994.2	-1.26	7.16E-01	1.00E+00	-1.10	9.13E-02	6.32E-01
TCEAL3	-0.09	7.61E-01	1.00E+00	0.45	9.14E-02	6.32E-01
ZNF26	0.22	4.32E-01	1.00E+00	0.37	9.14E-02	6.32E-01
DMD	0.01	9.61E-01	1.00E+00	-0.42	9.14E-02	6.32E-01
TBC1D2	-0.16	6.33E-01	1.00E+00	0.68	9.14E-02	6.32E-01
ZNF213-AS1	-0.44	7.46E-02	1.00E+00	-0.55	9.15E-02	6.32E-01
ZC3HAV1	0.21	4.35E-01	1.00E+00	0.31	9.16E-02	6.33E-01
DDX43	0.11	9.09E-01	1.00E+00	-1.47	9.16E-02	6.33E-01
AL160314.2	2.88	9.46E-02	1.00E+00	-2.38	9.17E-02	6.33E-01
C4orf19	0.46	5.39E-01	1.00E+00	-0.83	9.17E-02	6.33E-01
TSPAN6	0.41	3.48E-01	1.00E+00	-0.61	9.18E-02	6.33E-01

NPFFR1	-0.41	4.74E-01	1.00E+00	1.93	9.18E-02	6.33E-01
FAM117A	0.03	9.12E-01	1.00E+00	-0.72	9.18E-02	6.33E-01
HLX	0.12	7.34E-01	1.00E+00	0.85	9.19E-02	6.33E-01
MIF4GD	-0.14	4.53E-01	1.00E+00	-0.24	9.19E-02	6.33E-01
AC025154.2	-0.16	8.86E-01	1.00E+00	-1.22	9.19E-02	6.33E-01
SMARCB1	-0.28	1.03E-01	1.00E+00	0.30	9.20E-02	6.34E-01
FBXL8	-0.87	1.89E-02	8.62E-01	0.42	9.20E-02	6.34E-01
G8412	-0.58	3.79E-01	1.00E+00	1.07	9.22E-02	6.35E-01
RPL28	-0.20	3.26E-01	1.00E+00	0.80	9.22E-02	6.35E-01
EVI5	0.41	6.62E-02	1.00E+00	-0.50	9.23E-02	6.35E-01
TP53TG5	-0.14	8.72E-01	1.00E+00	1.52	9.23E-02	6.35E-01
FDX1	0.16	5.01E-01	1.00E+00	-0.84	9.23E-02	6.35E-01
FAM167A-AS1	1.01	3.64E-01	1.00E+00	-1.78	9.24E-02	6.35E-01
TPH1	1.78	2.54E-01	1.00E+00	-1.62	9.24E-02	6.35E-01
INO80E	-0.14	5.82E-01	1.00E+00	0.77	9.24E-02	6.35E-01
TPRKB	0.11	6.46E-01	1.00E+00	-0.61	9.25E-02	6.35E-01
C2orf50	-1.89	3.08E-01	1.00E+00	-1.62	9.25E-02	6.35E-01
C11orf24	-0.34	2.42E-01	1.00E+00	0.39	9.25E-02	6.35E-01
LINC01011	0.55	2.53E-01	1.00E+00	-0.99	9.26E-02	6.35E-01
G15458	-0.62	6.52E-01	1.00E+00	-2.35	9.26E-02	6.35E-01
ISM2	1.23	5.13E-01	1.00E+00	2.20	9.26E-02	6.35E-01
AC015799.1	-0.21	9.51E-01	1.00E+00	2.44	9.27E-02	6.35E-01
THNSL1	0.07	8.75E-01	1.00E+00	-0.75	9.28E-02	6.36E-01
BOLA3	-0.17	6.33E-01	1.00E+00	-0.61	9.28E-02	6.36E-01
OTUD7B	-0.03	9.14E-01	1.00E+00	0.72	9.29E-02	6.37E-01
FDFT1	-0.25	3.24E-01	1.00E+00	-0.48	9.30E-02	6.37E-01
IER3	-1.31	1.83E-02	8.50E-01	0.87	9.30E-02	6.37E-01
SEC61A2	-0.35	3.82E-01	1.00E+00	-0.79	9.31E-02	6.37E-01
THCAT158	-0.54	5.67E-01	1.00E+00	1.63	9.31E-02	6.37E-01
SSH2	0.20	4.07E-01	1.00E+00	0.45	9.31E-02	6.37E-01
OR7E94P	-0.29	7.91E-01	1.00E+00	-2.70	9.31E-02	6.37E-01
LACRT	-1.43	3.02E-01	1.00E+00	-1.81	9.31E-02	6.37E-01

GAPDHP52	-2.49	2.14E-01	1.00E+00	2.94	9.32E-02	6.37E-01
DCAF10	-0.01	9.71E-01	1.00E+00	-0.48	9.32E-02	6.37E-01
DPP6	-1.36	1.05E-02	6.35E-01	-1.17	9.32E-02	6.37E-01
WNT7A	-1.38	1.55E-03	2.18E-01	1.28	9.34E-02	6.38E-01
AP001528.1	3.15	7.48E-02	1.00E+00	-1.61	9.34E-02	6.38E-01
G27754	0.29	7.47E-01	1.00E+00	-1.26	9.34E-02	6.38E-01
HDAC7	0.18	4.61E-01	1.00E+00	0.80	9.36E-02	6.38E-01
HSD17B14	0.00	9.97E-01	1.00E+00	0.76	9.36E-02	6.38E-01
COL13A1	-0.31	4.89E-01	1.00E+00	1.04	9.36E-02	6.38E-01
CDK4	-0.05	7.64E-01	1.00E+00	0.24	9.37E-02	6.38E-01
RFXANK	-0.14	4.62E-01	1.00E+00	0.29	9.37E-02	6.38E-01
XLOC_005458	0.19	9.23E-01	1.00E+00	2.07	9.37E-02	6.38E-01
HTRA3	0.88	8.31E-02	1.00E+00	1.24	9.37E-02	6.38E-01
PUSL1	-0.14	6.66E-01	1.00E+00	0.42	9.37E-02	6.38E-01
AC026801.2	1.20	6.35E-02	1.00E+00	1.06	9.38E-02	6.38E-01
AQP11	0.23	7.98E-01	1.00E+00	-1.24	9.38E-02	6.38E-01
COMMD5	0.22	3.77E-01	1.00E+00	0.31	9.39E-02	6.39E-01
WDR82P2	-1.41	5.26E-01	1.00E+00	-2.33	9.39E-02	6.39E-01
EIF2AK2	0.32	5.05E-01	1.00E+00	0.63	9.40E-02	6.39E-01
ADGRL1	-0.12	6.86E-01	1.00E+00	0.83	9.40E-02	6.39E-01
XLOC_003378	-0.96	5.45E-01	1.00E+00	1.83	9.40E-02	6.39E-01
TCL1A	-0.06	9.86E-01	1.00E+00	2.67	9.41E-02	6.39E-01
AC104819.1	0.56	8.71E-01	1.00E+00	-3.43	9.42E-02	6.39E-01
NLRC4	-0.64	4.44E-01	1.00E+00	1.61	9.42E-02	6.39E-01
CCL8	-0.74	2.60E-01	1.00E+00	1.33	9.42E-02	6.39E-01
GTPBP2	-0.01	9.58E-01	1.00E+00	1.14	9.42E-02	6.39E-01
FBXO36	-0.09	7.17E-01	1.00E+00	-0.66	9.42E-02	6.40E-01
ROPN1B	0.32	6.92E-01	1.00E+00	-1.01	9.43E-02	6.40E-01
ARL14EP	0.23	3.30E-01	1.00E+00	-0.47	9.43E-02	6.40E-01
PES1	-0.12	5.97E-01	1.00E+00	0.38	9.44E-02	6.40E-01
ZNF480	-0.02	9.43E-01	1.00E+00	-0.43	9.45E-02	6.41E-01
TRAF4	-0.34	3.31E-01	1.00E+00	0.84	9.46E-02	6.41E-01

AGBL3	-0.24	5.91E-01	1.00E+00	-0.63	9.47E-02	6.41E-01
LINC00603	-0.46	8.94E-01	1.00E+00	2.17	9.47E-02	6.42E-01
RPL10P7	-2.75	4.09E-01	1.00E+00	1.95	9.48E-02	6.42E-01
ATP2A2	-0.24	2.06E-01	1.00E+00	0.90	9.48E-02	6.42E-01
PTGES3	0.03	8.47E-01	1.00E+00	-0.22	9.48E-02	6.42E-01
MTCO2P12	-0.71	6.35E-01	1.00E+00	-1.21	9.48E-02	6.42E-01
ETFRF1	-0.25	3.88E-01	1.00E+00	-0.64	9.49E-02	6.42E-01
NOSIP	-0.02	8.96E-01	1.00E+00	0.41	9.49E-02	6.42E-01
SLCO4C1	-0.55	5.28E-01	1.00E+00	-2.09	9.49E-02	6.42E-01
KBTBD3	0.14	6.44E-01	1.00E+00	-0.82	9.49E-02	6.42E-01
FRYL	0.35	1.98E-01	1.00E+00	0.41	9.50E-02	6.42E-01
SAMD9L	-0.19	7.61E-01	1.00E+00	1.03	9.50E-02	6.42E-01
ZHX1-C8orf76	1.96	5.66E-01	1.00E+00	-1.34	9.50E-02	6.42E-01
BMS1P4	-2.13	2.38E-01	1.00E+00	1.52	9.50E-02	6.42E-01
MAST4-AS1	0.75	2.14E-01	1.00E+00	-0.97	9.51E-02	6.42E-01
VPS26B	0.15	5.13E-01	1.00E+00	-0.57	9.51E-02	6.42E-01
MRPL30	0.05	8.12E-01	1.00E+00	-0.31	9.51E-02	6.42E-01
CXorf58	-0.77	5.32E-01	1.00E+00	-2.04	9.52E-02	6.42E-01
C6orf141	-0.23	6.08E-01	1.00E+00	-0.69	9.52E-02	6.42E-01
ADAMTSL1	0.88	1.09E-01	1.00E+00	1.10	9.53E-02	6.42E-01
AP000560.1	-0.07	9.24E-01	1.00E+00	-1.10	9.54E-02	6.42E-01
ADIRF-AS1	-0.68	8.95E-02	1.00E+00	-0.55	9.54E-02	6.42E-01
XLOC_006677	2.77	3.25E-01	1.00E+00	5.18	9.54E-02	6.42E-01
AC016027.2	-1.05	6.96E-01	1.00E+00	3.58	9.55E-02	6.42E-01
UNKL	0.04	8.96E-01	1.00E+00	0.45	9.55E-02	6.42E-01
PRIMPOL	0.10	7.29E-01	1.00E+00	-0.45	9.55E-02	6.42E-01
SHROOM2	-0.13	6.64E-01	1.00E+00	0.71	9.56E-02	6.42E-01
UQCRFS1	-0.04	8.51E-01	1.00E+00	-0.46	9.56E-02	6.42E-01
MICU3	0.23	7.70E-01	1.00E+00	-1.09	9.56E-02	6.42E-01
ZNF608	0.27	4.88E-01	1.00E+00	0.77	9.57E-02	6.42E-01
Z97192.3	-1.25	7.16E-01	1.00E+00	2.04	9.57E-02	6.42E-01
LINC01214	1.89	1.13E-01	1.00E+00	1.08	9.57E-02	6.42E-01

AC138207.4	0.32	7.56E-01	1.00E+00	1.01	9.57E-02	6.42E-01
G35278	-0.24	7.37E-01	1.00E+00	-1.17	9.57E-02	6.42E-01
CYP4Z1	1.88	4.15E-01	1.00E+00	1.95	9.58E-02	6.42E-01
GPR1	-0.02	9.67E-01	1.00E+00	0.72	9.58E-02	6.42E-01
ECHDC2	0.03	9.03E-01	1.00E+00	-0.37	9.58E-02	6.42E-01
XLOC_000398	0.27	7.57E-01	1.00E+00	0.68	9.58E-02	6.42E-01
AC093909.1	-0.52	4.36E-01	1.00E+00	-0.62	9.59E-02	6.42E-01
G18355	1.25	1.49E-01	1.00E+00	-1.53	9.59E-02	6.42E-01
RCAN1	0.20	4.48E-01	1.00E+00	-0.35	9.59E-02	6.42E-01
CPO	1.29	4.10E-01	1.00E+00	-2.44	9.59E-02	6.42E-01
G18793	-0.52	6.94E-01	1.00E+00	1.46	9.59E-02	6.42E-01
TMCC1-AS1	0.54	4.98E-01	1.00E+00	1.13	9.60E-02	6.42E-01
A2ML1	0.41	4.21E-01	1.00E+00	1.20	9.60E-02	6.42E-01
ASAP1	-0.31	1.51E-01	1.00E+00	0.60	9.60E-02	6.42E-01
SLC22A12	3.75	2.63E-01	1.00E+00	-3.10	9.60E-02	6.42E-01
AL162377.1	-0.22	5.61E-01	1.00E+00	-1.05	9.61E-02	6.42E-01
AL390955.2	-0.57	6.02E-01	1.00E+00	1.05	9.61E-02	6.42E-01
AC040169.1	-0.41	4.88E-01	1.00E+00	0.48	9.61E-02	6.42E-01
OAS2	-0.08	9.45E-01	1.00E+00	1.33	9.62E-02	6.42E-01
ACSM3	-0.76	8.91E-02	1.00E+00	-1.15	9.62E-02	6.42E-01
CRYAB	1.00	2.77E-02	9.71E-01	-0.84	9.63E-02	6.42E-01
FAT4	0.48	2.36E-01	1.00E+00	1.07	9.63E-02	6.42E-01
G4024	-0.86	8.05E-01	1.00E+00	2.22	9.63E-02	6.42E-01
MLLT6	-0.04	8.84E-01	1.00E+00	0.83	9.63E-02	6.42E-01
PVR	-0.21	3.66E-01	1.00E+00	0.63	9.63E-02	6.42E-01
INPP5A	-0.03	9.04E-01	1.00E+00	-1.22	9.63E-02	6.42E-01
CETN4P	0.50	6.39E-01	1.00E+00	-1.67	9.64E-02	6.42E-01
AC126474.2	0.13	6.75E-01	1.00E+00	0.69	9.64E-02	6.42E-01
AC005162.3	-0.01	9.95E-01	1.00E+00	-1.02	9.64E-02	6.42E-01
HGF	0.14	7.87E-01	1.00E+00	1.08	9.64E-02	6.42E-01
CREBL2	0.38	6.72E-02	1.00E+00	-0.53	9.65E-02	6.42E-01
KRT10	-0.03	9.41E-01	1.00E+00	-1.38	9.65E-02	6.42E-01

BCAM	-0.15	7.22E-01	1.00E+00	1.12	9.65E-02	6.42E-01
FLJ20021	-0.08	7.63E-01	1.00E+00	0.49	9.65E-02	6.42E-01
CAMKMT	-0.03	9.15E-01	1.00E+00	-0.47	9.65E-02	6.42E-01
MAP4K1	-0.40	3.60E-01	1.00E+00	1.25	9.65E-02	6.42E-01
CKS1B	0.01	9.25E-01	1.00E+00	-0.44	9.65E-02	6.42E-01
SLC5A8	-2.66	4.90E-02	1.00E+00	-1.80	9.66E-02	6.42E-01
IGF1R	0.32	2.78E-01	1.00E+00	0.58	9.66E-02	6.42E-01
FAM157A	-0.31	7.23E-01	1.00E+00	1.58	9.66E-02	6.42E-01
IGKV2-24	4.24	2.06E-01	1.00E+00	2.61	9.66E-02	6.42E-01
TACC3	-0.36	2.59E-01	1.00E+00	0.78	9.66E-02	6.42E-01
CA9	0.19	7.01E-01	1.00E+00	1.15	9.67E-02	6.42E-01
PPARD	-0.21	3.93E-01	1.00E+00	0.95	9.67E-02	6.42E-01
HLA-L	-0.10	9.20E-01	1.00E+00	0.89	9.68E-02	6.42E-01
VPS37B	0.01	9.63E-01	1.00E+00	0.51	9.68E-02	6.42E-01
STAU2	-0.01	9.63E-01	1.00E+00	-0.40	9.69E-02	6.42E-01
AL138756.1	1.50	2.06E-02	8.94E-01	1.52	9.69E-02	6.42E-01
EGFR-AS1	0.51	7.85E-01	1.00E+00	2.18	9.69E-02	6.42E-01
ARHGAP17	-0.11	5.91E-01	1.00E+00	0.46	9.70E-02	6.42E-01
NDUFB9	-0.03	9.02E-01	1.00E+00	-0.46	9.70E-02	6.42E-01
KRT18	0.07	9.29E-01	1.00E+00	-0.93	9.70E-02	6.42E-01
SPRN	-0.87	5.10E-02	1.00E+00	1.41	9.70E-02	6.42E-01
AC103591.3	-2.89	3.81E-01	1.00E+00	-1.52	9.71E-02	6.42E-01
SPON1	0.72	1.09E-01	1.00E+00	0.88	9.71E-02	6.42E-01
WNT4	-0.31	4.22E-01	1.00E+00	-1.04	9.71E-02	6.43E-01
G40351	0.10	9.31E-01	1.00E+00	-1.04	9.72E-02	6.43E-01
AC021078.1	0.82	1.27E-01	1.00E+00	0.46	9.72E-02	6.43E-01
GASAL1	-0.44	3.77E-01	1.00E+00	0.79	9.72E-02	6.43E-01
AC023794.1	1.08	4.09E-01	1.00E+00	-1.53	9.72E-02	6.43E-01
ADGRG3	1.59	1.34E-01	1.00E+00	1.94	9.73E-02	6.43E-01
ITGB8	-0.17	5.92E-01	1.00E+00	-0.74	9.73E-02	6.43E-01
GLB1	0.25	3.55E-01	1.00E+00	0.40	9.73E-02	6.43E-01
RTN4	0.13	5.90E-01	1.00E+00	-0.60	9.73E-02	6.43E-01

SERINC3	0.33	3.98E-02	1.00E+00	-0.32	9.74E-02	6.43E-01
VLDLR-AS1	3.78	2.19E-02	8.96E-01	-1.72	9.74E-02	6.43E-01
CA4	2.23	1.08E-02	6.40E-01	-1.31	9.75E-02	6.43E-01
PCGF3	0.15	5.99E-01	1.00E+00	0.35	9.75E-02	6.43E-01
FANCC	0.23	3.22E-01	1.00E+00	-0.44	9.75E-02	6.43E-01
SPI1	-0.54	1.69E-01	1.00E+00	1.60	9.75E-02	6.43E-01
GLDC	0.16	8.04E-01	1.00E+00	-1.66	9.76E-02	6.43E-01
TEKT4P2	0.80	5.27E-02	1.00E+00	0.65	9.76E-02	6.43E-01
CD276	-0.30	3.83E-01	1.00E+00	0.77	9.77E-02	6.43E-01
CDKN1B	0.16	1.94E-01	1.00E+00	0.74	9.78E-02	6.43E-01
PSMB4	-0.01	9.53E-01	1.00E+00	0.44	9.78E-02	6.43E-01
FGL2	0.37	4.00E-01	1.00E+00	0.75	9.78E-02	6.43E-01
AC009812.4	0.81	5.11E-01	1.00E+00	1.65	9.78E-02	6.43E-01
AP005131.7	-1.78	5.55E-01	1.00E+00	1.67	9.78E-02	6.43E-01
AC005291.2	0.76	8.26E-01	1.00E+00	2.45	9.78E-02	6.43E-01
DNAJA2	-0.01	9.73E-01	1.00E+00	-0.20	9.79E-02	6.43E-01
PDIA4	0.01	9.46E-01	1.00E+00	0.37	9.79E-02	6.43E-01
N4BP2L2-IT2	1.04	3.54E-01	1.00E+00	-1.83	9.79E-02	6.43E-01
CTGF	-0.11	8.08E-01	1.00E+00	0.76	9.80E-02	6.44E-01
SLC6A14	0.19	6.33E-01	1.00E+00	0.91	9.81E-02	6.44E-01
NAA60	-0.21	4.11E-01	1.00E+00	0.64	9.83E-02	6.45E-01
ST3GAL5	0.55	1.21E-01	1.00E+00	0.64	9.83E-02	6.45E-01
1-Sep	-0.06	9.03E-01	1.00E+00	0.82	9.83E-02	6.45E-01
DUSP14	-0.21	5.87E-01	1.00E+00	0.47	9.83E-02	6.45E-01
CRTAM	0.26	7.62E-01	1.00E+00	1.56	9.84E-02	6.45E-01
ZSWIM4	-0.60	9.83E-02	1.00E+00	1.44	9.84E-02	6.45E-01
RELL2	-1.04	3.68E-02	1.00E+00	1.05	9.84E-02	6.45E-01
UBE2E1	-0.01	9.69E-01	1.00E+00	0.54	9.84E-02	6.45E-01
ZCRB1	-0.07	6.77E-01	1.00E+00	-0.34	9.84E-02	6.45E-01
RGS3	-0.06	8.40E-01	1.00E+00	0.72	9.85E-02	6.45E-01
DYRK1A	0.03	9.03E-01	1.00E+00	0.61	9.85E-02	6.45E-01
HPSE2	0.40	5.19E-01	1.00E+00	-1.10	9.85E-02	6.45E-01

SETD1B	-0.45	1.05E-01	1.00E+00	0.92	9.86E-02	6.45E-01
TUBA1C	-0.26	4.83E-01	1.00E+00	0.63	9.86E-02	6.45E-01
AC000123.3	0.24	5.92E-01	1.00E+00	0.99	9.86E-02	6.45E-01
ARHGFE2	0.19	7.02E-01	1.00E+00	1.19	9.87E-02	6.45E-01
XLOC_009668	0.27	7.93E-01	1.00E+00	-1.07	9.88E-02	6.45E-01
RPS12P16	2.05	5.34E-01	1.00E+00	-2.43	9.88E-02	6.45E-01
SOAT2	-1.64	3.70E-01	1.00E+00	1.44	9.88E-02	6.45E-01
XPNPEP2	0.76	1.46E-01	1.00E+00	0.95	9.88E-02	6.45E-01
OXR1	0.20	4.29E-01	1.00E+00	-0.38	9.88E-02	6.45E-01
STRBP	-0.38	6.82E-02	1.00E+00	-0.51	9.88E-02	6.45E-01
BCO2	0.32	6.67E-01	1.00E+00	1.33	9.89E-02	6.46E-01
MTG2	0.09	7.20E-01	1.00E+00	0.42	9.90E-02	6.46E-01
HIST1H1A	-0.80	8.18E-01	1.00E+00	-1.42	9.90E-02	6.46E-01
OTUD1	0.19	5.18E-01	1.00E+00	-0.81	9.91E-02	6.46E-01
RPL23AP7	0.30	2.71E-01	1.00E+00	-0.45	9.91E-02	6.46E-01
TMEM161B	0.35	1.70E-01	1.00E+00	-0.87	9.91E-02	6.46E-01
AC011290.1	-0.34	9.20E-01	1.00E+00	2.33	9.91E-02	6.46E-01
CLN6	-0.42	1.26E-01	1.00E+00	0.81	9.92E-02	6.46E-01
METTL5	0.12	5.93E-01	1.00E+00	-0.55	9.93E-02	6.46E-01
APC2	-0.61	2.14E-01	1.00E+00	1.71	9.93E-02	6.46E-01
SKI	-0.21	4.50E-01	1.00E+00	1.39	9.93E-02	6.47E-01
FRMD4A	-0.02	9.35E-01	1.00E+00	0.57	9.95E-02	6.47E-01
TSTD1	0.32	2.06E-01	1.00E+00	-0.86	9.95E-02	6.47E-01
PPIAP31	0.04	9.76E-01	1.00E+00	-0.83	9.95E-02	6.47E-01
AC012645.1	-0.67	2.15E-01	1.00E+00	-0.62	9.95E-02	6.47E-01
MPP6	-0.60	6.97E-03	5.09E-01	-0.63	9.95E-02	6.47E-01
AL121603.2	-1.27	2.21E-02	8.96E-01	-1.06	9.95E-02	6.47E-01
ADCK5	-0.28	2.92E-01	1.00E+00	0.46	9.96E-02	6.47E-01
SCPEP1	0.37	5.68E-02	1.00E+00	0.31	9.97E-02	6.47E-01
KCNH1	-2.74	1.21E-01	1.00E+00	1.74	9.97E-02	6.47E-01
OBSCN	0.25	6.21E-01	1.00E+00	1.22	9.97E-02	6.47E-01
AHCY	-0.22	2.65E-01	1.00E+00	0.40	9.97E-02	6.47E-01

IGLV2-18	1.39	6.86E-01	1.00E+00	4.26	9.98E-02	6.47E-01
RNF121	0.00	9.83E-01	1.00E+00	0.42	1.00E-01	6.48E-01
SETMAR	-0.11	5.59E-01	1.00E+00	-0.34	1.00E-01	6.48E-01
PPP1R1A	2.86	4.20E-02	1.00E+00	-1.60	1.00E-01	6.48E-01
TC2N	0.18	4.67E-01	1.00E+00	-0.38	1.00E-01	6.48E-01
AL592293.1	-0.17	8.62E-01	1.00E+00	-1.07	1.00E-01	6.48E-01
CDKN2A	-0.38	4.82E-01	1.00E+00	1.05	1.00E-01	6.48E-01
ATP2C1	0.18	3.46E-01	1.00E+00	0.24	1.00E-01	6.48E-01
ZNF876P	-0.69	1.72E-01	1.00E+00	-0.91	1.00E-01	6.48E-01
LINC00665	0.00	9.91E-01	1.00E+00	-0.59	1.00E-01	6.48E-01
ACAP2	-0.04	8.72E-01	1.00E+00	-0.26	1.00E-01	6.48E-01
PCSK1	0.37	7.43E-01	1.00E+00	1.68	1.00E-01	6.49E-01
XLOC_014288	-0.11	9.39E-01	1.00E+00	1.56	1.00E-01	6.49E-01
NENF	-0.11	6.14E-01	1.00E+00	-1.13	1.00E-01	6.49E-01
GAB2	-0.10	6.26E-01	1.00E+00	0.87	1.00E-01	6.49E-01
AP002505.2	-2.47	3.47E-01	1.00E+00	2.59	1.00E-01	6.49E-01
PGPEP1	0.47	3.72E-01	1.00E+00	0.67	1.01E-01	6.49E-01
CTDSP1	0.00	9.90E-01	1.00E+00	0.80	1.01E-01	6.49E-01
KCNG2	-0.59	4.08E-01	1.00E+00	1.68	1.01E-01	6.49E-01
RPS9	-0.23	3.85E-01	1.00E+00	0.55	1.01E-01	6.49E-01
PPIAP77	-0.71	8.37E-01	1.00E+00	-2.82	1.01E-01	6.49E-01
LENG9	0.20	5.26E-01	1.00E+00	1.82	1.01E-01	6.49E-01
XLOC_009279	-0.35	7.62E-01	1.00E+00	1.29	1.01E-01	6.49E-01
AP000525.9	0.11	9.38E-01	1.00E+00	1.36	1.01E-01	6.49E-01
DCN	0.86	4.68E-02	1.00E+00	0.73	1.01E-01	6.49E-01
AGAP6	-0.35	6.87E-01	1.00E+00	1.17	1.01E-01	6.49E-01
LRRC28	-0.02	9.20E-01	1.00E+00	-0.37	1.01E-01	6.49E-01
ENO2	-0.27	6.29E-01	1.00E+00	0.71	1.01E-01	6.49E-01
RPE	0.17	5.25E-01	1.00E+00	-0.32	1.01E-01	6.49E-01
CORO1B	-0.03	8.92E-01	1.00E+00	0.52	1.01E-01	6.49E-01
KLF5	-0.19	6.37E-01	1.00E+00	-0.87	1.01E-01	6.49E-01
SZT2	0.06	8.23E-01	1.00E+00	0.73	1.01E-01	6.49E-01

C20orf197	-0.64	3.91E-01	1.00E+00	-1.60	1.01E-01	6.49E-01
C4orf50	-1.23	5.62E-01	1.00E+00	2.46	1.01E-01	6.49E-01
Z92544.2	0.16	7.16E-01	1.00E+00	1.57	1.01E-01	6.49E-01
EEF1A1P19	0.22	7.09E-01	1.00E+00	-0.67	1.01E-01	6.49E-01
PLSCR1	0.47	3.75E-01	1.00E+00	0.74	1.01E-01	6.49E-01
GRAP2	0.49	4.26E-01	1.00E+00	1.17	1.01E-01	6.49E-01
EDIL3	0.03	9.12E-01	1.00E+00	-0.65	1.01E-01	6.49E-01
BMP2	-0.40	3.11E-01	1.00E+00	-1.04	1.01E-01	6.49E-01
SPATA7	-0.11	6.77E-01	1.00E+00	-0.42	1.01E-01	6.49E-01
LINC02285	-0.85	8.07E-01	1.00E+00	1.95	1.01E-01	6.49E-01
PPA1	-0.02	9.30E-01	1.00E+00	-0.28	1.01E-01	6.49E-01
XLOC_002552	2.29	2.52E-01	1.00E+00	-1.60	1.01E-01	6.49E-01
ORC6	0.37	3.33E-01	1.00E+00	0.80	1.01E-01	6.49E-01
ELF1	-0.11	6.53E-01	1.00E+00	0.29	1.01E-01	6.49E-01
PCDHGB5	-0.24	2.91E-01	1.00E+00	-0.98	1.01E-01	6.49E-01
AC099521.2	0.05	9.64E-01	1.00E+00	1.83	1.01E-01	6.49E-01
PCCB	-0.16	4.58E-01	1.00E+00	-0.33	1.01E-01	6.49E-01
DAPK1	0.18	6.71E-01	1.00E+00	0.94	1.01E-01	6.49E-01
ABRAXAS1	0.20	4.34E-01	1.00E+00	0.36	1.01E-01	6.49E-01
GHRL	0.51	5.49E-01	1.00E+00	1.30	1.01E-01	6.49E-01
AC114811.2	-1.44	1.86E-01	1.00E+00	1.23	1.01E-01	6.49E-01
DDX58	0.23	7.39E-01	1.00E+00	0.88	1.01E-01	6.49E-01
IFT122	-0.16	4.04E-01	1.00E+00	-0.43	1.02E-01	6.50E-01
L3MBTL3	-0.28	2.72E-01	1.00E+00	0.70	1.02E-01	6.50E-01
ATN1	-0.35	1.43E-01	1.00E+00	0.93	1.02E-01	6.50E-01
AC002543.1	1.19	5.48E-01	1.00E+00	-1.79	1.02E-01	6.50E-01
FFAR2	-0.50	3.94E-01	1.00E+00	1.07	1.02E-01	6.50E-01
ATRAID	-0.01	9.55E-01	1.00E+00	-0.70	1.02E-01	6.51E-01
RMND5B	0.20	3.63E-01	1.00E+00	-0.31	1.02E-01	6.51E-01
PALMD	0.43	2.22E-01	1.00E+00	-0.45	1.02E-01	6.51E-01
LAMA3	0.17	3.66E-01	1.00E+00	0.65	1.02E-01	6.51E-01
SIN3B	-0.26	3.17E-01	1.00E+00	0.89	1.02E-01	6.51E-01

ELF4	-0.18	3.89E-01	1.00E+00	0.93	1.02E-01	6.51E-01
SULF2	-0.10	6.42E-01	1.00E+00	0.87	1.02E-01	6.51E-01
TDRD9	-0.10	9.15E-01	1.00E+00	2.11	1.02E-01	6.51E-01
TSPAN18	0.09	8.47E-01	1.00E+00	0.83	1.02E-01	6.51E-01
LPAR4	0.69	3.92E-01	1.00E+00	1.32	1.02E-01	6.51E-01
AC024267.3	-1.00	6.44E-01	1.00E+00	2.75	1.02E-01	6.51E-01
AL450124.1	-2.64	6.35E-03	4.78E-01	-0.91	1.02E-01	6.51E-01
FAM8A1	0.08	7.26E-01	1.00E+00	-0.54	1.02E-01	6.51E-01
EPHA8	-0.94	5.71E-01	1.00E+00	3.67	1.02E-01	6.51E-01
ARHGAP33	-1.09	1.47E-03	2.09E-01	1.74	1.02E-01	6.51E-01
TEPSIN	-0.31	4.81E-01	1.00E+00	0.60	1.02E-01	6.51E-01
RBBP4P2	NA	NA	NA	1.23	1.02E-01	6.51E-01
XLOC_003595	-0.39	8.67E-01	1.00E+00	2.52	1.02E-01	6.51E-01
C12orf75	-0.26	4.14E-01	1.00E+00	-0.64	1.03E-01	6.52E-01
AL161421.1	-0.74	8.09E-02	1.00E+00	-1.19	1.03E-01	6.52E-01
SLC24A4	-0.34	7.52E-01	1.00E+00	1.80	1.03E-01	6.52E-01
TWIST2	0.04	9.15E-01	1.00E+00	1.12	1.03E-01	6.52E-01
KRBA1	-0.21	5.09E-01	1.00E+00	1.24	1.03E-01	6.52E-01
CHADL	-0.61	3.46E-02	1.00E+00	-0.84	1.03E-01	6.52E-01
RHNO1	-0.16	4.12E-01	1.00E+00	-0.45	1.03E-01	6.52E-01
ABCC6P2	2.50	2.44E-01	1.00E+00	-1.63	1.03E-01	6.52E-01
LINC00856	-3.09	2.71E-01	1.00E+00	1.57	1.03E-01	6.52E-01
BOK-AS1	NA	NA	NA	-2.88	1.03E-01	6.52E-01
WDFY4	-0.35	5.20E-01	1.00E+00	1.60	1.03E-01	6.52E-01
SLC16A10	-0.12	8.38E-01	1.00E+00	-0.97	1.03E-01	6.52E-01
RNF114	0.06	7.27E-01	1.00E+00	0.38	1.03E-01	6.52E-01
G8415	-2.03	2.27E-01	1.00E+00	2.24	1.03E-01	6.52E-01
AP3M2	0.21	4.39E-01	1.00E+00	-0.36	1.03E-01	6.52E-01
NADK2	0.01	9.67E-01	1.00E+00	-0.45	1.03E-01	6.52E-01
LTB	-1.13	5.78E-02	1.00E+00	1.25	1.03E-01	6.52E-01
CXCL16	-0.23	4.95E-01	1.00E+00	0.64	1.03E-01	6.52E-01
ERICH2	0.20	8.52E-01	1.00E+00	1.21	1.03E-01	6.52E-01

AL450405.1	1.08	6.73E-02	1.00E+00	0.92	1.03E-01	6.52E-01
KCNJ15	-0.88	2.60E-02	9.40E-01	0.99	1.03E-01	6.52E-01
PRDM6	0.97	1.25E-01	1.00E+00	1.07	1.03E-01	6.52E-01
AL512329.2	-1.65	1.87E-02	8.59E-01	-1.19	1.03E-01	6.52E-01
GMFG	0.01	9.75E-01	1.00E+00	0.69	1.03E-01	6.52E-01
LINC00992	-0.15	7.02E-01	1.00E+00	-1.07	1.03E-01	6.52E-01
INTS4P2	0.00	9.98E-01	1.00E+00	-0.91	1.03E-01	6.52E-01
AC138207.6	-1.78	3.90E-01	1.00E+00	1.44	1.03E-01	6.52E-01
TMED2	0.20	2.50E-01	1.00E+00	-0.56	1.03E-01	6.52E-01
ACTN4	-0.30	1.20E-01	1.00E+00	0.81	1.03E-01	6.52E-01
ZNF275	0.08	8.41E-01	1.00E+00	0.81	1.03E-01	6.52E-01
TEKT2	0.01	9.87E-01	1.00E+00	1.82	1.03E-01	6.52E-01
PCED1A	0.03	8.97E-01	1.00E+00	0.50	1.03E-01	6.52E-01
NCSTN	0.07	7.29E-01	1.00E+00	0.28	1.03E-01	6.52E-01
SFTPA1	NA	NA	NA	3.13	1.04E-01	6.52E-01
AL161449.2	0.01	9.95E-01	1.00E+00	1.62	1.04E-01	6.52E-01
NIPSNAP2	0.09	7.55E-01	1.00E+00	-0.53	1.04E-01	6.52E-01
ZNF628	-1.01	1.37E-02	7.37E-01	1.39	1.04E-01	6.52E-01
ODF2L	-0.22	3.91E-01	1.00E+00	0.51	1.04E-01	6.52E-01
DOCK10	-0.33	3.00E-01	1.00E+00	0.89	1.04E-01	6.52E-01
XLOC_012700	-0.39	6.47E-01	1.00E+00	-1.55	1.04E-01	6.52E-01
C1orf127	-1.29	4.62E-01	1.00E+00	2.28	1.04E-01	6.52E-01
ENTPD7	0.12	6.04E-01	1.00E+00	0.79	1.04E-01	6.52E-01
UPRT	0.35	2.45E-01	1.00E+00	-0.42	1.04E-01	6.52E-01
AC097376.2	-0.28	2.81E-01	1.00E+00	-0.53	1.04E-01	6.52E-01
ATG2A	-0.11	7.26E-01	1.00E+00	0.91	1.04E-01	6.52E-01
EP400	-0.54	2.98E-02	9.97E-01	0.82	1.04E-01	6.52E-01
HLA-DPA1	-0.57	7.17E-02	1.00E+00	0.76	1.04E-01	6.52E-01
XLOC_009207	-2.24	1.16E-01	1.00E+00	-1.85	1.04E-01	6.52E-01
TTC41P	1.06	4.41E-01	1.00E+00	1.71	1.04E-01	6.52E-01
ULK1	-0.19	5.04E-01	1.00E+00	0.80	1.04E-01	6.52E-01
DNAJB5	-0.51	2.79E-01	1.00E+00	0.92	1.04E-01	6.52E-01

LINGO3	-0.98	1.69E-01	1.00E+00	2.26	1.04E-01	6.52E-01
CDC45	-0.24	5.44E-01	1.00E+00	0.97	1.04E-01	6.52E-01
XLOC_011518	-1.67	4.39E-02	1.00E+00	-1.22	1.04E-01	6.52E-01
MT-ATP6	0.07	8.80E-01	1.00E+00	-0.55	1.04E-01	6.52E-01
FAM157C	2.83	2.99E-01	1.00E+00	1.45	1.04E-01	6.52E-01
LINC01801	0.05	9.37E-01	1.00E+00	2.12	1.04E-01	6.52E-01
RBM17P4	-0.44	9.00E-01	1.00E+00	-1.68	1.04E-01	6.52E-01
AC073073.1	-2.60	2.90E-01	1.00E+00	1.33	1.04E-01	6.52E-01
AC087491.1	0.17	8.07E-01	1.00E+00	-1.20	1.04E-01	6.52E-01
LINC01907	-2.60	1.95E-02	8.74E-01	1.42	1.04E-01	6.52E-01
XLOC_001787	-0.87	7.19E-01	1.00E+00	1.97	1.04E-01	6.52E-01
RHOXF1	2.95	2.39E-01	1.00E+00	-1.92	1.04E-01	6.52E-01
ABCA11P	0.02	9.82E-01	1.00E+00	-0.75	1.04E-01	6.52E-01
TRPV3	0.29	5.20E-01	1.00E+00	0.99	1.04E-01	6.52E-01
MTCH2	0.03	8.56E-01	1.00E+00	-0.35	1.04E-01	6.52E-01
ZNF337-AS1	0.30	6.70E-01	1.00E+00	0.87	1.04E-01	6.52E-01
VIP	-3.47	3.41E-02	1.00E+00	-2.13	1.04E-01	6.52E-01
AP2A2	0.05	8.06E-01	1.00E+00	0.68	1.04E-01	6.52E-01
RAVER2	-0.37	1.71E-01	1.00E+00	-0.54	1.04E-01	6.52E-01
COL4A2	-0.07	9.13E-01	1.00E+00	1.36	1.05E-01	6.53E-01
BRI3	0.02	9.45E-01	1.00E+00	0.87	1.05E-01	6.53E-01
G30965	0.25	8.32E-01	1.00E+00	1.90	1.05E-01	6.53E-01
AC006333.2	0.05	8.62E-01	1.00E+00	-0.52	1.05E-01	6.53E-01
ZNF528-AS1	0.20	6.99E-01	1.00E+00	-0.60	1.05E-01	6.53E-01
CYREN	0.13	7.05E-01	1.00E+00	0.34	1.05E-01	6.53E-01
CYBC1	-0.20	3.45E-01	1.00E+00	0.58	1.05E-01	6.53E-01
TRIM41	-0.10	5.71E-01	1.00E+00	0.95	1.05E-01	6.53E-01
OR5K2	0.91	7.91E-01	1.00E+00	2.55	1.05E-01	6.54E-01
TLDC1	0.24	4.82E-01	1.00E+00	0.53	1.05E-01	6.54E-01
MTHFR	0.06	8.61E-01	1.00E+00	0.71	1.05E-01	6.54E-01
TWF2	0.08	7.00E-01	1.00E+00	0.37	1.05E-01	6.54E-01
NSMCE4A	-0.04	8.72E-01	1.00E+00	-0.49	1.05E-01	6.54E-01

AC092279.2	0.18	8.82E-01	1.00E+00	1.44	1.05E-01	6.54E-01
CADM1	-0.29	1.14E-01	1.00E+00	-0.49	1.05E-01	6.54E-01
AARD	1.84	1.13E-02	6.59E-01	1.19	1.05E-01	6.54E-01
C1QTNF1-AS1	-0.23	8.63E-01	1.00E+00	-1.75	1.05E-01	6.54E-01
AASDH	0.20	4.18E-01	1.00E+00	-0.39	1.05E-01	6.54E-01
TOX3	0.11	8.92E-01	1.00E+00	-1.29	1.05E-01	6.54E-01
LSAMP	-0.18	5.99E-01	1.00E+00	0.74	1.05E-01	6.54E-01
ZNF232	-0.02	9.46E-01	1.00E+00	-0.36	1.05E-01	6.55E-01
AL022068.1	-0.03	9.50E-01	1.00E+00	-1.09	1.05E-01	6.55E-01
ADAMTS10	0.45	3.39E-01	1.00E+00	1.68	1.05E-01	6.55E-01
NFASC	-0.22	4.45E-01	1.00E+00	0.65	1.06E-01	6.55E-01
CBX1	0.03	8.85E-01	1.00E+00	0.43	1.06E-01	6.55E-01
KIRREL1	0.48	3.03E-01	1.00E+00	1.36	1.06E-01	6.55E-01
PARP11	0.31	3.64E-01	1.00E+00	0.51	1.06E-01	6.55E-01
TRIM46	-1.02	2.61E-01	1.00E+00	1.79	1.06E-01	6.55E-01
G25248	-2.13	3.83E-01	1.00E+00	1.17	1.06E-01	6.55E-01
AL157832.1	1.18	3.85E-01	1.00E+00	1.82	1.06E-01	6.55E-01
CEP170	-0.18	5.17E-01	1.00E+00	0.53	1.06E-01	6.55E-01
G31717	-1.29	7.00E-02	1.00E+00	-1.70	1.06E-01	6.55E-01
ELOVL3	0.85	4.55E-01	1.00E+00	-1.29	1.06E-01	6.55E-01
LINC00426	-1.13	2.66E-01	1.00E+00	1.36	1.06E-01	6.55E-01
AL160171.1	-1.33	6.24E-01	1.00E+00	1.35	1.06E-01	6.55E-01
PLOD1	-0.03	9.25E-01	1.00E+00	0.66	1.06E-01	6.55E-01
PTGS2	-1.72	2.68E-02	9.55E-01	1.08	1.06E-01	6.55E-01
LINC02137	-0.55	8.12E-01	1.00E+00	1.22	1.06E-01	6.55E-01
AC138932.3	-0.41	7.25E-01	1.00E+00	-1.11	1.06E-01	6.55E-01
ORC4	0.03	8.86E-01	1.00E+00	-0.40	1.06E-01	6.55E-01
TMEM97	-0.28	4.60E-01	1.00E+00	-0.73	1.06E-01	6.55E-01
SLC5A4	0.36	7.65E-01	1.00E+00	2.18	1.06E-01	6.55E-01
PFDN4	0.10	6.94E-01	1.00E+00	-0.67	1.06E-01	6.55E-01
NDUFAF4	0.39	2.04E-01	1.00E+00	-0.53	1.06E-01	6.55E-01
PLGRKT	-0.41	2.07E-02	8.94E-01	-0.55	1.06E-01	6.55E-01

RNF146	0.32	7.67E-02	1.00E+00	-0.40	1.06E-01	6.55E-01
LRR8C-DT	-0.27	5.55E-01	1.00E+00	-0.63	1.06E-01	6.55E-01
CEL	-2.22	1.55E-02	7.75E-01	-1.87	1.06E-01	6.55E-01
SLC5A12	-0.93	6.40E-01	1.00E+00	-2.72	1.06E-01	6.55E-01
CNGA4	0.51	7.12E-01	1.00E+00	3.95	1.06E-01	6.55E-01
CMAHP	0.62	1.38E-01	1.00E+00	0.49	1.06E-01	6.55E-01
DOCK2	-0.25	5.24E-01	1.00E+00	1.38	1.06E-01	6.55E-01
AL669831.1	-0.71	3.05E-01	1.00E+00	1.10	1.06E-01	6.55E-01
SUMF2	-0.02	8.97E-01	1.00E+00	0.36	1.06E-01	6.55E-01
OTUD6B-AS1	-0.17	5.75E-01	1.00E+00	-0.69	1.06E-01	6.55E-01
KCNMB2	-0.48	8.40E-01	1.00E+00	-2.60	1.06E-01	6.55E-01
FAAP24	0.41	2.41E-01	1.00E+00	0.43	1.06E-01	6.55E-01
ARR3	-1.51	1.10E-01	1.00E+00	-1.29	1.06E-01	6.55E-01
KAZALD1	0.06	9.01E-01	1.00E+00	0.81	1.06E-01	6.55E-01
SPN	-0.98	6.72E-02	1.00E+00	1.01	1.06E-01	6.55E-01
SNORA66	0.43	7.59E-01	1.00E+00	1.12	1.06E-01	6.55E-01
LINC02391	-1.67	2.55E-01	1.00E+00	-1.11	1.07E-01	6.55E-01
RARRES3	-0.29	5.68E-01	1.00E+00	0.77	1.07E-01	6.56E-01
GBP1P1	-0.49	4.80E-01	1.00E+00	1.22	1.07E-01	6.56E-01
TMEM39B	-0.28	1.68E-01	1.00E+00	0.69	1.07E-01	6.56E-01
PARP8	-0.20	4.26E-01	1.00E+00	0.68	1.07E-01	6.56E-01
MTFP1	0.13	9.70E-01	1.00E+00	1.04	1.07E-01	6.56E-01
FAM241B	-0.20	5.70E-01	1.00E+00	-0.59	1.07E-01	6.56E-01
LMAN1	0.15	5.36E-01	1.00E+00	0.26	1.07E-01	6.56E-01
SRRD	-0.04	8.26E-01	1.00E+00	-0.88	1.07E-01	6.56E-01
LINC01979	-0.17	9.41E-01	1.00E+00	2.08	1.07E-01	6.56E-01
XLOC_000587	1.22	7.25E-01	1.00E+00	1.74	1.07E-01	6.56E-01
RPL22P3	2.82	2.01E-01	1.00E+00	1.51	1.07E-01	6.56E-01
GIMAP6	0.42	4.58E-01	1.00E+00	0.81	1.07E-01	6.56E-01
GLIPR1L2	-0.57	4.39E-01	1.00E+00	-0.94	1.07E-01	6.57E-01
NCKAP5L	-0.16	6.32E-01	1.00E+00	1.20	1.07E-01	6.57E-01
CFHR1	-0.18	9.44E-01	1.00E+00	1.79	1.07E-01	6.57E-01

RPA4	-1.46	6.70E-01	1.00E+00	-1.60	1.07E-01	6.57E-01
HSPA12A	0.24	5.61E-01	1.00E+00	-0.73	1.07E-01	6.57E-01
SNAPC3	-0.02	9.19E-01	1.00E+00	-0.38	1.07E-01	6.57E-01
ZNF496	-0.22	3.49E-01	1.00E+00	0.89	1.07E-01	6.57E-01
SLC6A6	-0.32	2.45E-01	1.00E+00	0.79	1.07E-01	6.57E-01
WDR62	-0.16	7.08E-01	1.00E+00	0.88	1.07E-01	6.57E-01
RAET1G	-0.16	7.89E-01	1.00E+00	0.69	1.07E-01	6.57E-01
ACOXL	-2.22	6.55E-02	1.00E+00	1.95	1.07E-01	6.57E-01
MMP23A	-0.55	6.84E-01	1.00E+00	1.65	1.08E-01	6.57E-01
ENTPD3	-0.01	9.88E-01	1.00E+00	-0.70	1.08E-01	6.57E-01
NDUFB3	0.07	6.67E-01	1.00E+00	-0.56	1.08E-01	6.57E-01
CRTC3-AS1	-0.40	7.26E-01	1.00E+00	1.23	1.08E-01	6.57E-01
G13883	-2.05	5.50E-01	1.00E+00	2.32	1.08E-01	6.57E-01
DOCK8	-0.21	4.73E-01	1.00E+00	0.87	1.08E-01	6.57E-01
XLOC_004879	0.54	7.25E-01	1.00E+00	-2.37	1.08E-01	6.57E-01
CCNT2-AS1	-2.78	2.94E-02	9.91E-01	0.84	1.08E-01	6.57E-01
SS18L1	-0.06	8.46E-01	1.00E+00	0.51	1.08E-01	6.57E-01
GPR65	0.37	6.80E-01	1.00E+00	1.02	1.08E-01	6.57E-01
DYRK3	-0.58	9.37E-02	1.00E+00	0.86	1.08E-01	6.57E-01
AC018797.2	0.21	6.68E-01	1.00E+00	-0.70	1.08E-01	6.57E-01
CIITA	-0.73	9.63E-03	6.08E-01	1.35	1.08E-01	6.57E-01
RMDN1	-0.04	8.21E-01	1.00E+00	-0.40	1.08E-01	6.57E-01
AC003986.3	1.86	1.66E-01	1.00E+00	-1.35	1.08E-01	6.57E-01
PP2D1	-0.19	7.86E-01	1.00E+00	-0.88	1.08E-01	6.57E-01
LINC01374	1.32	7.00E-01	1.00E+00	2.27	1.08E-01	6.57E-01
RANBP3	-0.16	4.33E-01	1.00E+00	0.71	1.08E-01	6.57E-01
CD38	0.02	9.88E-01	1.00E+00	1.83	1.08E-01	6.57E-01
GFOD2	0.16	4.81E-01	1.00E+00	0.42	1.08E-01	6.57E-01
ZNF827	-0.20	5.53E-01	1.00E+00	0.62	1.08E-01	6.57E-01
XLOC_004196	0.63	7.58E-01	1.00E+00	-2.45	1.08E-01	6.57E-01
GNPDA1	0.02	9.38E-01	1.00E+00	0.25	1.08E-01	6.57E-01
PPP2R5E	-0.10	6.11E-01	1.00E+00	-0.46	1.08E-01	6.57E-01

DDX60	0.23	7.17E-01	1.00E+00	0.76	1.08E-01	6.57E-01
PPFIA4	-0.60	3.88E-01	1.00E+00	1.96	1.08E-01	6.57E-01
CRYBB1	-1.65	9.58E-02	1.00E+00	1.28	1.08E-01	6.57E-01
ATF6B	-0.29	3.45E-01	1.00E+00	0.86	1.08E-01	6.57E-01
HSPB11	0.08	7.20E-01	1.00E+00	-0.61	1.08E-01	6.57E-01
PPAN	-0.14	7.16E-01	1.00E+00	-0.85	1.08E-01	6.57E-01
ERCC2	-0.23	3.96E-01	1.00E+00	0.50	1.08E-01	6.57E-01
CCNDBP1	0.20	3.38E-01	1.00E+00	-0.51	1.08E-01	6.58E-01
SCARA5	1.29	3.00E-02	9.97E-01	0.95	1.08E-01	6.58E-01
AC026367.2	0.30	8.95E-01	1.00E+00	-2.37	1.08E-01	6.58E-01
CISD1	-0.01	9.50E-01	1.00E+00	-0.51	1.08E-01	6.58E-01
HSD11B1	0.18	7.48E-01	1.00E+00	-0.66	1.09E-01	6.58E-01
HOXC6	0.02	9.66E-01	1.00E+00	-1.07	1.09E-01	6.58E-01
CALCOCO2	0.12	4.93E-01	1.00E+00	-0.20	1.09E-01	6.58E-01
GTPBP4	-0.05	8.19E-01	1.00E+00	0.28	1.09E-01	6.58E-01
RNVU1-18	-1.61	4.07E-01	1.00E+00	-1.42	1.09E-01	6.58E-01
AL138762.1	-2.46	1.61E-01	1.00E+00	-1.27	1.09E-01	6.58E-01
TNRC6A	-0.03	9.20E-01	1.00E+00	0.57	1.09E-01	6.58E-01
TMEM92	0.16	8.76E-01	1.00E+00	1.49	1.09E-01	6.58E-01
DENND4B	-0.07	8.30E-01	1.00E+00	0.97	1.09E-01	6.58E-01
PCNX2	-0.11	8.11E-01	1.00E+00	0.88	1.09E-01	6.58E-01
SIGLEC7	-2.45	1.21E-01	1.00E+00	1.97	1.09E-01	6.58E-01
MAPK11	-0.19	6.08E-01	1.00E+00	1.27	1.09E-01	6.58E-01
RGL4	0.06	9.51E-01	1.00E+00	1.95	1.09E-01	6.58E-01
TMEM220-AS1	-0.05	9.61E-01	1.00E+00	-1.03	1.09E-01	6.58E-01
EIF1B	0.09	6.64E-01	1.00E+00	-0.34	1.09E-01	6.58E-01
SAT1	0.11	7.10E-01	1.00E+00	0.51	1.09E-01	6.58E-01
CH17-340M24.3	-0.09	7.78E-01	1.00E+00	-0.76	1.09E-01	6.58E-01
EEF1A1P12	0.68	5.35E-01	1.00E+00	-0.78	1.09E-01	6.58E-01
TTC13	-0.38	1.32E-01	1.00E+00	-0.56	1.09E-01	6.58E-01
SIPA1	-0.18	3.78E-01	1.00E+00	0.68	1.09E-01	6.58E-01
AC007998.3	-0.08	9.25E-01	1.00E+00	1.04	1.09E-01	6.58E-01

G354	-3.23	9.27E-03	6.04E-01	1.43	1.09E-01	6.58E-01
RAB1B	-0.08	6.83E-01	1.00E+00	0.71	1.09E-01	6.58E-01
XLOC_013474	-0.89	2.96E-01	1.00E+00	-1.47	1.09E-01	6.58E-01
AL137060.1	-0.66	6.63E-01	1.00E+00	2.09	1.09E-01	6.58E-01
MISP	-0.64	2.63E-01	1.00E+00	1.61	1.09E-01	6.58E-01
CCSAP	0.29	4.79E-01	1.00E+00	-0.58	1.09E-01	6.58E-01
RBP5	-0.75	2.76E-01	1.00E+00	0.96	1.09E-01	6.58E-01
IKBKGP1	0.00	9.97E-01	1.00E+00	-0.54	1.09E-01	6.58E-01
NR2F2	0.09	8.15E-01	1.00E+00	0.85	1.09E-01	6.58E-01
CHD1	-0.27	2.89E-01	1.00E+00	0.26	1.09E-01	6.58E-01
CHURC1	0.38	8.51E-02	1.00E+00	0.29	1.09E-01	6.58E-01
CDK19	0.32	2.20E-01	1.00E+00	0.49	1.09E-01	6.58E-01
GMFB	0.31	2.99E-01	1.00E+00	-0.47	1.10E-01	6.58E-01
AP001107.3	-0.79	6.00E-01	1.00E+00	2.25	1.10E-01	6.58E-01
RFPL1S	-1.88	3.00E-01	1.00E+00	1.88	1.10E-01	6.58E-01
MRPS15	-0.08	6.71E-01	1.00E+00	-0.33	1.10E-01	6.59E-01
CDH4	0.19	7.09E-01	1.00E+00	-1.28	1.10E-01	6.59E-01
AC108134.1	0.38	6.86E-01	1.00E+00	1.70	1.10E-01	6.60E-01
AC006033.2	1.58	3.88E-01	1.00E+00	2.12	1.10E-01	6.60E-01
BBS7	0.16	6.53E-01	1.00E+00	-0.33	1.10E-01	6.60E-01
AP003071.4	-0.36	6.10E-01	1.00E+00	1.36	1.10E-01	6.60E-01
GHITM	0.06	7.26E-01	1.00E+00	-0.47	1.10E-01	6.60E-01
HOXA10	0.77	8.77E-02	1.00E+00	-0.71	1.10E-01	6.60E-01
TBC1D9	0.46	3.76E-01	1.00E+00	0.91	1.10E-01	6.60E-01
AC091182.2	0.69	5.74E-01	1.00E+00	1.24	1.10E-01	6.60E-01
AC116158.1	1.97	4.77E-01	1.00E+00	-1.78	1.10E-01	6.60E-01
XK	-0.50	2.13E-01	1.00E+00	-0.89	1.10E-01	6.60E-01
UBA52	-0.10	6.10E-01	1.00E+00	0.36	1.10E-01	6.60E-01
AC004825.2	-0.61	5.65E-01	1.00E+00	-1.45	1.10E-01	6.60E-01
NUP88	-0.01	9.69E-01	1.00E+00	-0.33	1.10E-01	6.60E-01
MUSK	1.27	1.50E-01	1.00E+00	1.13	1.10E-01	6.60E-01
LINC02562	-0.29	5.59E-01	1.00E+00	-1.13	1.10E-01	6.60E-01

SERPINE1	-1.05	5.48E-02	1.00E+00	1.36	1.10E-01	6.60E-01
LINC02158	-1.22	6.18E-01	1.00E+00	-1.55	1.10E-01	6.60E-01
FUT9	-0.62	6.16E-01	1.00E+00	-1.80	1.11E-01	6.60E-01
IER5L	-0.20	5.04E-01	1.00E+00	1.48	1.11E-01	6.60E-01
IGFL2-AS1	-0.87	2.00E-01	1.00E+00	-1.10	1.11E-01	6.60E-01
POLR2M	0.58	7.23E-02	1.00E+00	-0.35	1.11E-01	6.60E-01
NUP54	0.10	5.77E-01	1.00E+00	-0.32	1.11E-01	6.60E-01
OSBPL9	0.10	7.11E-01	1.00E+00	-0.35	1.11E-01	6.60E-01
AC084816.1	0.25	9.42E-01	1.00E+00	-2.55	1.11E-01	6.60E-01
AC004471.2	-0.58	6.72E-01	1.00E+00	1.39	1.11E-01	6.60E-01
CD8A	-0.88	1.29E-01	1.00E+00	1.36	1.11E-01	6.60E-01
FUT11	0.36	2.98E-01	1.00E+00	0.53	1.11E-01	6.60E-01
GIN1	0.05	8.81E-01	1.00E+00	-0.49	1.11E-01	6.60E-01
RAB31	-0.07	8.34E-01	1.00E+00	0.71	1.11E-01	6.60E-01
FMR1	0.15	5.45E-01	1.00E+00	-0.41	1.11E-01	6.60E-01
CYTH1	0.04	8.40E-01	1.00E+00	0.52	1.11E-01	6.60E-01
ST3GAL6	0.29	4.46E-01	1.00E+00	-0.43	1.11E-01	6.60E-01
APLP2	0.10	7.15E-01	1.00E+00	0.40	1.11E-01	6.61E-01
AL591069.1	0.10	9.61E-01	1.00E+00	-1.70	1.11E-01	6.61E-01
GLULP4	1.13	7.44E-01	1.00E+00	1.82	1.11E-01	6.61E-01
XLOC_009602	-0.25	9.42E-01	1.00E+00	2.17	1.11E-01	6.61E-01
AC131235.3	0.94	7.50E-01	1.00E+00	-1.81	1.11E-01	6.61E-01
RDH16	0.41	5.38E-01	1.00E+00	1.03	1.11E-01	6.61E-01
JADE2	-0.03	9.12E-01	1.00E+00	0.91	1.11E-01	6.61E-01
KCNT1	0.14	9.08E-01	1.00E+00	1.92	1.11E-01	6.61E-01
NOP2	-2.71	3.01E-01	1.00E+00	0.81	1.11E-01	6.61E-01
AL357055.3	-0.01	9.93E-01	1.00E+00	-1.25	1.11E-01	6.61E-01
CHST12	-0.02	9.26E-01	1.00E+00	0.36	1.11E-01	6.61E-01
IGLV2-14	0.33	8.15E-01	1.00E+00	2.05	1.11E-01	6.61E-01
HS3ST3B1	0.01	9.86E-01	1.00E+00	0.63	1.11E-01	6.61E-01
FFAR3	2.56	3.14E-01	1.00E+00	1.83	1.11E-01	6.61E-01
ATP12A	-0.33	7.16E-01	1.00E+00	1.76	1.11E-01	6.61E-01

ZBTB20-AS5	-1.74	6.11E-01	1.00E+00	-2.70	1.11E-01	6.61E-01
MGAT4EP	-1.97	4.73E-01	1.00E+00	3.56	1.11E-01	6.61E-01
TUBE1	0.31	1.90E-01	1.00E+00	-0.54	1.11E-01	6.61E-01
SNRPF	-0.05	7.79E-01	1.00E+00	-0.49	1.11E-01	6.61E-01
MFSD6	0.00	9.88E-01	1.00E+00	-0.64	1.11E-01	6.61E-01
ALG8	0.11	6.49E-01	1.00E+00	-0.51	1.12E-01	6.61E-01
RBM43	0.00	9.96E-01	1.00E+00	0.50	1.12E-01	6.61E-01
G33515	0.12	9.45E-01	1.00E+00	-1.28	1.12E-01	6.61E-01
RPS16	-0.01	9.80E-01	1.00E+00	0.49	1.12E-01	6.61E-01
GEM	0.25	4.67E-01	1.00E+00	0.66	1.12E-01	6.61E-01
AC079684.1	1.50	4.44E-01	1.00E+00	2.46	1.12E-01	6.61E-01
PRKAR1B	-0.50	9.79E-02	1.00E+00	0.40	1.12E-01	6.61E-01
ABCD3	0.40	1.14E-01	1.00E+00	-0.43	1.12E-01	6.61E-01
AC009948.1	0.68	5.69E-02	1.00E+00	0.49	1.12E-01	6.61E-01
USP12	0.22	2.75E-01	1.00E+00	-0.56	1.12E-01	6.61E-01
KDM2A	-0.10	6.67E-01	1.00E+00	0.70	1.12E-01	6.61E-01
AC018638.5	-1.38	1.26E-01	1.00E+00	1.22	1.12E-01	6.61E-01
SARDH	0.10	8.33E-01	1.00E+00	1.28	1.12E-01	6.62E-01
AL590822.1	0.70	3.26E-01	1.00E+00	0.89	1.12E-01	6.62E-01
AL391422.4	0.22	6.33E-01	1.00E+00	1.00	1.12E-01	6.62E-01
TRAF3	-0.06	8.00E-01	1.00E+00	0.95	1.12E-01	6.62E-01
APOO	-0.11	7.33E-01	1.00E+00	-0.40	1.12E-01	6.62E-01
AC079209.1	-1.96	4.98E-01	1.00E+00	2.06	1.12E-01	6.62E-01
CAV3	-1.31	3.57E-01	1.00E+00	1.99	1.12E-01	6.62E-01
XLOC_000389	1.93	1.80E-01	1.00E+00	0.77	1.12E-01	6.62E-01
EBAG9	0.08	6.13E-01	1.00E+00	-0.43	1.12E-01	6.62E-01
CCR4	0.51	5.39E-01	1.00E+00	2.08	1.12E-01	6.62E-01
GPN2	-0.16	5.12E-01	1.00E+00	0.29	1.12E-01	6.62E-01
LINC01578	-0.08	7.79E-01	1.00E+00	-0.69	1.12E-01	6.62E-01
SLC39A7	0.02	9.48E-01	1.00E+00	0.71	1.12E-01	6.62E-01
TMEM107	0.00	9.96E-01	1.00E+00	-0.45	1.12E-01	6.62E-01
TFDP1	-0.23	3.90E-01	1.00E+00	-0.58	1.12E-01	6.62E-01

CCR8	-1.44	2.45E-01	1.00E+00	1.45	1.12E-01	6.62E-01
AC004477.3	-3.56	3.75E-03	3.33E-01	-1.23	1.12E-01	6.62E-01
NUP62	-0.13	4.77E-01	1.00E+00	0.50	1.13E-01	6.63E-01
VWC2	-0.88	1.17E-01	1.00E+00	-0.90	1.13E-01	6.63E-01
G39927	-1.43	3.91E-01	1.00E+00	-2.76	1.13E-01	6.63E-01
AC243772.2	0.73	3.82E-01	1.00E+00	2.00	1.13E-01	6.63E-01
ATF2	0.37	2.59E-01	1.00E+00	-0.47	1.13E-01	6.63E-01
CBX8	-0.16	4.73E-01	1.00E+00	0.60	1.13E-01	6.63E-01
AL391069.3	NA	NA	NA	-2.07	1.13E-01	6.63E-01
MEP1B	-1.78	6.06E-01	1.00E+00	-1.52	1.13E-01	6.63E-01
AL357033.4	-0.22	6.52E-01	1.00E+00	1.13	1.13E-01	6.63E-01
AC080188.1	-1.28	5.58E-01	1.00E+00	1.86	1.13E-01	6.63E-01
TMEM200A	0.17	6.80E-01	1.00E+00	0.87	1.13E-01	6.63E-01
TNR	-4.92	8.42E-02	1.00E+00	-0.95	1.13E-01	6.63E-01
AL590094.1	0.13	7.70E-01	1.00E+00	-0.95	1.13E-01	6.63E-01
ZNF880	0.18	5.65E-01	1.00E+00	-0.56	1.13E-01	6.63E-01
G37087	-2.69	1.26E-01	1.00E+00	1.48	1.13E-01	6.63E-01
ZBTB33	0.06	8.29E-01	1.00E+00	-0.46	1.13E-01	6.63E-01
C12orf66	0.04	8.87E-01	1.00E+00	0.53	1.13E-01	6.63E-01
RCN2	0.09	7.04E-01	1.00E+00	-0.58	1.13E-01	6.63E-01
PRR34	-0.02	9.70E-01	1.00E+00	1.20	1.13E-01	6.63E-01
KLHL33	1.02	1.85E-01	1.00E+00	-2.07	1.13E-01	6.63E-01
FBP1	0.26	6.87E-01	1.00E+00	0.99	1.13E-01	6.63E-01
MIGA1	0.31	2.62E-01	1.00E+00	-0.36	1.13E-01	6.63E-01
AL138955.1	1.37	5.13E-01	1.00E+00	1.99	1.13E-01	6.63E-01
SELENON	-0.13	6.63E-01	1.00E+00	0.87	1.13E-01	6.63E-01
HEY1	0.51	3.62E-01	1.00E+00	-0.72	1.13E-01	6.63E-01
ARHGEF17	-0.08	8.41E-01	1.00E+00	0.92	1.13E-01	6.63E-01
ILDR1	-0.10	7.47E-01	1.00E+00	-0.85	1.13E-01	6.63E-01
TRAV6	0.59	8.36E-01	1.00E+00	2.43	1.13E-01	6.63E-01
SRPK3	-0.24	6.83E-01	1.00E+00	-1.47	1.13E-01	6.63E-01
TGM2	0.85	2.91E-01	1.00E+00	1.51	1.14E-01	6.63E-01

MT-CYB	-0.07	8.82E-01	1.00E+00	-0.58	1.14E-01	6.63E-01
AL513327.1	-1.49	3.49E-01	1.00E+00	1.26	1.14E-01	6.63E-01
CD302	0.50	2.14E-01	1.00E+00	-0.68	1.14E-01	6.63E-01
KERA	1.26	4.29E-01	1.00E+00	2.06	1.14E-01	6.63E-01
TNF	-1.03	1.66E-01	1.00E+00	0.86	1.14E-01	6.63E-01
AC025884.1	-2.90	2.64E-01	1.00E+00	2.36	1.14E-01	6.63E-01
C15orf54	-0.68	8.44E-01	1.00E+00	3.57	1.14E-01	6.63E-01
CKS1BP3	2.39	4.11E-02	1.00E+00	-0.87	1.14E-01	6.63E-01
GMIP	-0.28	2.87E-01	1.00E+00	1.12	1.14E-01	6.63E-01
CLEC4A	2.25	5.07E-01	1.00E+00	0.86	1.14E-01	6.63E-01
MIAT	-2.66	8.20E-02	1.00E+00	1.77	1.14E-01	6.63E-01
BMS1P10	1.05	6.27E-02	1.00E+00	-0.86	1.14E-01	6.63E-01
SVIL2P	0.07	9.43E-01	1.00E+00	1.04	1.14E-01	6.63E-01
LAMC1	0.30	4.56E-01	1.00E+00	0.88	1.14E-01	6.63E-01
AP002387.1	-0.69	2.40E-01	1.00E+00	-0.87	1.14E-01	6.63E-01
C1orf54	0.12	8.18E-01	1.00E+00	0.51	1.14E-01	6.63E-01
DBIL5P	0.22	6.57E-01	1.00E+00	-1.04	1.14E-01	6.63E-01
RBKS	0.18	6.55E-01	1.00E+00	-0.41	1.14E-01	6.63E-01
PIM1	-0.23	6.56E-01	1.00E+00	0.53	1.14E-01	6.63E-01
ZNF583	0.54	1.53E-01	1.00E+00	-0.55	1.14E-01	6.63E-01
AC245128.3	-1.52	6.60E-01	1.00E+00	2.40	1.14E-01	6.63E-01
KLF3	-0.20	5.64E-01	1.00E+00	-0.44	1.14E-01	6.63E-01
ZNF887P	0.03	9.78E-01	1.00E+00	-1.43	1.14E-01	6.63E-01
SLC25A30	0.41	2.37E-01	1.00E+00	0.57	1.14E-01	6.63E-01
TMEM39A	0.23	4.09E-01	1.00E+00	0.40	1.14E-01	6.63E-01
GOLIM4	-0.21	5.39E-01	1.00E+00	0.50	1.14E-01	6.63E-01
EPC2	-0.01	9.69E-01	1.00E+00	0.65	1.14E-01	6.63E-01
LINC02482	-1.02	4.20E-01	1.00E+00	-1.00	1.14E-01	6.63E-01
SIAH2	0.15	5.53E-01	1.00E+00	-0.75	1.14E-01	6.63E-01
RGS1	-2.62	2.83E-02	9.75E-01	0.87	1.14E-01	6.63E-01
ZNF276	-0.45	1.06E-01	1.00E+00	0.78	1.14E-01	6.63E-01
RP11-640M9.2	0.04	9.00E-01	1.00E+00	0.66	1.14E-01	6.63E-01

LRRC63	-0.74	7.29E-01	1.00E+00	-1.69	1.14E-01	6.63E-01
UTP14C	0.49	6.37E-02	1.00E+00	-0.47	1.14E-01	6.63E-01
MFHAS1	-0.62	9.31E-02	1.00E+00	0.64	1.14E-01	6.63E-01
AL031651.2	0.41	8.93E-01	1.00E+00	2.49	1.14E-01	6.63E-01
EEF2	-0.28	3.29E-01	1.00E+00	0.65	1.14E-01	6.63E-01
TMEM14C	0.24	2.02E-01	1.00E+00	-0.38	1.14E-01	6.63E-01
IL1R2	0.90	1.10E-01	1.00E+00	0.71	1.15E-01	6.63E-01
AP001000.1	0.24	6.18E-01	1.00E+00	-0.78	1.15E-01	6.63E-01
AL355802.1	-2.06	3.90E-01	1.00E+00	-1.35	1.15E-01	6.63E-01
AC144652.1	-0.14	7.56E-01	1.00E+00	-1.03	1.15E-01	6.64E-01
MIPOL1	0.05	8.89E-01	1.00E+00	-0.46	1.15E-01	6.64E-01
HMBOX1	0.19	5.25E-01	1.00E+00	-0.47	1.15E-01	6.64E-01
AL445253.1	-0.51	1.71E-01	1.00E+00	-1.28	1.15E-01	6.64E-01
CRYZL2P	0.24	3.16E-01	1.00E+00	-0.82	1.15E-01	6.64E-01
DM1-AS	-0.72	6.43E-01	1.00E+00	1.34	1.15E-01	6.64E-01
C2CD4B	-2.80	6.94E-04	1.25E-01	-1.62	1.15E-01	6.65E-01
DGUOK-AS1	-0.18	7.21E-01	1.00E+00	-0.97	1.15E-01	6.65E-01
RGL3	0.37	5.84E-01	1.00E+00	1.26	1.15E-01	6.65E-01
TMEM132E	-0.59	2.76E-01	1.00E+00	1.98	1.15E-01	6.65E-01
TMEM266	-0.07	8.66E-01	1.00E+00	0.93	1.15E-01	6.65E-01
CCNK	-0.06	8.28E-01	1.00E+00	0.59	1.15E-01	6.65E-01
NSUN5	-0.12	5.93E-01	1.00E+00	0.32	1.15E-01	6.65E-01
PPM1K	0.48	2.46E-01	1.00E+00	0.67	1.15E-01	6.66E-01
H2AFV	0.11	6.17E-01	1.00E+00	-0.41	1.15E-01	6.66E-01
AC087893.1	-0.44	9.00E-01	1.00E+00	2.65	1.16E-01	6.66E-01
CAP2	0.49	5.21E-01	1.00E+00	-0.75	1.16E-01	6.66E-01
U6	2.39	4.82E-01	1.00E+00	-1.22	1.16E-01	6.66E-01
TBC1D32	0.12	7.61E-01	1.00E+00	-0.58	1.16E-01	6.66E-01
ASNSD1	0.19	4.25E-01	1.00E+00	-0.39	1.16E-01	6.66E-01
MT-ND6	0.07	8.61E-01	1.00E+00	-0.52	1.16E-01	6.66E-01
SPTY2D10S	0.49	7.87E-01	1.00E+00	-0.98	1.16E-01	6.66E-01
MEX3A	-0.88	8.79E-02	1.00E+00	1.21	1.16E-01	6.66E-01

RYR1	0.34	3.17E-01	1.00E+00	-0.86	1.16E-01	6.66E-01
TMEM240	0.07	9.06E-01	1.00E+00	1.88	1.16E-01	6.66E-01
PABPC4L	-0.61	1.61E-01	1.00E+00	0.97	1.16E-01	6.66E-01
NDUFA1	0.07	7.70E-01	1.00E+00	-0.59	1.16E-01	6.66E-01
XLOC_009680	0.44	8.99E-01	1.00E+00	-3.03	1.16E-01	6.66E-01
C12orf54	-3.00	3.20E-02	1.00E+00	1.02	1.16E-01	6.66E-01
PRDX3	0.37	3.77E-01	1.00E+00	-0.64	1.16E-01	6.66E-01
G33806	0.21	8.68E-01	1.00E+00	2.02	1.16E-01	6.66E-01
CLSPN	-0.40	3.26E-01	1.00E+00	0.78	1.16E-01	6.66E-01
UPF3AP3	0.58	3.93E-01	1.00E+00	1.71	1.16E-01	6.66E-01
AP000344.1	1.19	1.63E-01	1.00E+00	1.41	1.16E-01	6.66E-01
TNFSF8	-0.04	9.46E-01	1.00E+00	1.20	1.16E-01	6.66E-01
LINC01091	0.46	2.83E-01	1.00E+00	-0.66	1.16E-01	6.66E-01
TMIGD2	-0.04	9.73E-01	1.00E+00	2.01	1.16E-01	6.66E-01
SMOC2	0.52	2.22E-01	1.00E+00	0.61	1.16E-01	6.66E-01
AC079140.3	0.24	8.92E-01	1.00E+00	-1.67	1.16E-01	6.66E-01
RPL10P12	0.58	8.66E-01	1.00E+00	1.44	1.16E-01	6.66E-01
BCAT2	-0.11	6.90E-01	1.00E+00	-0.35	1.16E-01	6.66E-01
SLC39A14	0.17	4.50E-01	1.00E+00	0.61	1.16E-01	6.66E-01
CEP63	-0.04	8.20E-01	1.00E+00	-0.32	1.16E-01	6.66E-01
AC004980.1	-0.24	5.46E-01	1.00E+00	-0.79	1.16E-01	6.67E-01
XLOC_002619	-1.00	5.65E-01	1.00E+00	-1.81	1.16E-01	6.67E-01
CD69	-0.16	8.52E-01	1.00E+00	0.93	1.16E-01	6.67E-01
GLA	0.05	7.41E-01	1.00E+00	0.41	1.17E-01	6.67E-01
QSOX2	0.12	5.35E-01	1.00E+00	0.95	1.17E-01	6.67E-01
TLR6	-0.67	1.38E-01	1.00E+00	1.11	1.17E-01	6.67E-01
AL022328.3	0.30	7.80E-01	1.00E+00	2.41	1.17E-01	6.67E-01
VIPR1-AS1	1.28	1.06E-01	1.00E+00	-1.41	1.17E-01	6.68E-01
ZUP1	-0.02	9.57E-01	1.00E+00	0.41	1.17E-01	6.68E-01
F10	0.50	1.26E-01	1.00E+00	0.84	1.17E-01	6.68E-01
PIP4K2A	-0.03	9.02E-01	1.00E+00	0.40	1.17E-01	6.68E-01
AC105235.1	-0.06	9.86E-01	1.00E+00	-3.54	1.17E-01	6.68E-01

TAP2	0.27	5.30E-01	1.00E+00	0.81	1.17E-01	6.68E-01
CNNM3-DT	-0.35	5.99E-01	1.00E+00	1.30	1.17E-01	6.68E-01
EPB42	6.56	4.90E-02	1.00E+00	-1.91	1.17E-01	6.68E-01
ZBTB47	-0.04	9.35E-01	1.00E+00	1.20	1.17E-01	6.68E-01
DNAJC7	-0.16	4.29E-01	1.00E+00	0.30	1.17E-01	6.68E-01
CAMK2A	-4.79	1.22E-02	6.87E-01	1.58	1.17E-01	6.68E-01
ACVR1	-0.14	5.76E-01	1.00E+00	0.60	1.17E-01	6.68E-01
AC023024.1	-0.30	7.07E-01	1.00E+00	1.38	1.17E-01	6.68E-01
THRSP	4.79	2.88E-03	2.79E-01	-1.38	1.17E-01	6.68E-01
C8orf74	-0.60	4.91E-01	1.00E+00	1.92	1.17E-01	6.68E-01
PLIN2	0.21	4.49E-01	1.00E+00	-0.65	1.17E-01	6.69E-01
ANXA3	0.17	7.47E-01	1.00E+00	-0.49	1.17E-01	6.69E-01
AC090602.1	-0.01	9.97E-01	1.00E+00	-1.07	1.17E-01	6.69E-01
MRPS10	0.08	5.96E-01	1.00E+00	-0.32	1.17E-01	6.69E-01
FABP4	3.51	1.90E-02	8.66E-01	-1.34	1.18E-01	6.70E-01
NEK9	0.23	2.88E-01	1.00E+00	0.52	1.18E-01	6.70E-01
PCBD2	0.17	4.93E-01	1.00E+00	-0.45	1.18E-01	6.70E-01
SLPI	0.23	5.05E-01	1.00E+00	0.73	1.18E-01	6.70E-01
CEP170B	-0.35	3.74E-01	1.00E+00	1.09	1.18E-01	6.70E-01
APOOL	-0.29	1.38E-01	1.00E+00	-0.38	1.18E-01	6.70E-01
CRTC1	-0.60	1.02E-01	1.00E+00	1.12	1.18E-01	6.70E-01
TSSK3	-0.63	8.00E-01	1.00E+00	-1.36	1.18E-01	6.70E-01
NHP2P1	-0.34	9.19E-01	1.00E+00	-0.86	1.18E-01	6.70E-01
FAM156A	-0.93	7.45E-02	1.00E+00	-0.55	1.18E-01	6.70E-01
AP002761.4	0.41	2.09E-01	1.00E+00	1.10	1.18E-01	6.70E-01
PHYHIP	0.77	1.24E-02	6.93E-01	-0.60	1.18E-01	6.70E-01
COX11	-0.19	4.26E-01	1.00E+00	-0.39	1.18E-01	6.70E-01
AL139398.1	-0.89	4.07E-01	1.00E+00	1.45	1.18E-01	6.70E-01
TRIM24	-0.12	4.91E-01	1.00E+00	-0.60	1.18E-01	6.70E-01
EXOC5	0.20	4.63E-01	1.00E+00	-0.28	1.18E-01	6.71E-01
SPECC1	-0.15	6.49E-01	1.00E+00	0.50	1.18E-01	6.71E-01
CUZD1	1.39	1.41E-01	1.00E+00	1.81	1.18E-01	6.71E-01

DDX50P1	2.41	3.27E-01	1.00E+00	1.79	1.18E-01	6.71E-01
SIGMAR1	-0.28	3.10E-01	1.00E+00	-0.31	1.18E-01	6.71E-01
SNORA53	0.56	8.71E-01	1.00E+00	-3.25	1.18E-01	6.71E-01
MAPK4	0.05	9.47E-01	1.00E+00	-1.33	1.18E-01	6.71E-01
PKD2L1	0.50	8.84E-01	1.00E+00	2.32	1.18E-01	6.71E-01
MEI4	-0.23	8.82E-01	1.00E+00	2.55	1.18E-01	6.71E-01
AC010280.2	0.96	4.77E-01	1.00E+00	-1.44	1.18E-01	6.71E-01
ACYP1	0.32	3.05E-01	1.00E+00	-0.62	1.19E-01	6.71E-01
DACT1	-0.16	7.41E-01	1.00E+00	1.23	1.19E-01	6.71E-01
UBE2V2	0.14	5.10E-01	1.00E+00	-0.62	1.19E-01	6.71E-01
PHF21A	-0.08	7.59E-01	1.00E+00	0.51	1.19E-01	6.71E-01
ARHGEF10	-0.25	3.93E-01	1.00E+00	0.69	1.19E-01	6.71E-01
C3AR1	0.43	2.56E-01	1.00E+00	1.10	1.19E-01	6.71E-01
PADI1	-0.75	2.20E-01	1.00E+00	1.36	1.19E-01	6.71E-01
ADAP1	-0.53	2.33E-01	1.00E+00	0.86	1.19E-01	6.71E-01
SERPINF1	0.68	1.39E-01	1.00E+00	0.79	1.19E-01	6.71E-01
AC006504.3	-0.16	9.62E-01	1.00E+00	-2.81	1.19E-01	6.71E-01
AC124319.1	2.57	3.89E-01	1.00E+00	2.75	1.19E-01	6.71E-01
AC004656.1	0.32	6.51E-01	1.00E+00	-0.70	1.19E-01	6.71E-01
CC2D1B	-0.04	8.25E-01	1.00E+00	0.69	1.19E-01	6.72E-01
PRCP	0.10	6.88E-01	1.00E+00	0.37	1.19E-01	6.72E-01
SLC19A3	2.47	3.05E-03	2.89E-01	-1.14	1.19E-01	6.72E-01
RHOXF1-AS1	1.40	2.88E-01	1.00E+00	-1.58	1.19E-01	6.72E-01
FOLR2	0.27	6.09E-01	1.00E+00	0.76	1.19E-01	6.72E-01
CS	0.03	8.68E-01	1.00E+00	-0.34	1.19E-01	6.72E-01
XLOC_005629	-1.85	4.39E-01	1.00E+00	-2.51	1.19E-01	6.72E-01
KMT2D	-0.31	2.84E-01	1.00E+00	1.21	1.19E-01	6.72E-01
AC068580.3	0.33	8.43E-01	1.00E+00	2.28	1.19E-01	6.72E-01
HIST1H3H	-1.68	5.89E-02	1.00E+00	-0.74	1.19E-01	6.72E-01
GCAT	-0.22	5.18E-01	1.00E+00	-0.38	1.19E-01	6.72E-01
CCL2	-1.02	1.05E-01	1.00E+00	0.78	1.19E-01	6.72E-01
XLOC_002390	1.26	6.46E-01	1.00E+00	2.57	1.19E-01	6.72E-01

CCR2	-0.40	4.44E-01	1.00E+00	1.44	1.19E-01	6.72E-01
ANKRD44	0.08	8.06E-01	1.00E+00	0.60	1.19E-01	6.72E-01
C19orf38	-0.56	4.18E-01	1.00E+00	1.75	1.19E-01	6.72E-01
SENP8	0.01	9.82E-01	1.00E+00	-0.66	1.19E-01	6.72E-01
WASH4P	-0.45	1.96E-01	1.00E+00	0.94	1.19E-01	6.72E-01
CRAT	0.50	3.73E-01	1.00E+00	-0.93	1.19E-01	6.72E-01
SCOC	0.16	5.92E-01	1.00E+00	-0.63	1.19E-01	6.72E-01
RNF167	-0.07	7.72E-01	1.00E+00	0.47	1.19E-01	6.72E-01
CCL21	0.10	7.80E-01	1.00E+00	0.84	1.20E-01	6.72E-01
BAK1P1	-0.83	3.88E-01	1.00E+00	-1.33	1.20E-01	6.72E-01
NBR2	-0.02	9.61E-01	1.00E+00	-0.54	1.20E-01	6.72E-01
INAFM1	-0.33	3.19E-01	1.00E+00	0.70	1.20E-01	6.72E-01
SERPING1	0.27	4.76E-01	1.00E+00	0.73	1.20E-01	6.72E-01
DACH2	-2.03	5.87E-02	1.00E+00	-1.83	1.20E-01	6.72E-01
AC007182.1	-0.36	7.47E-01	1.00E+00	1.10	1.20E-01	6.72E-01
GMPPA	-0.09	6.89E-01	1.00E+00	0.36	1.20E-01	6.72E-01
USP37	-0.29	4.36E-01	1.00E+00	-0.43	1.20E-01	6.72E-01
ELP5	0.05	7.94E-01	1.00E+00	-0.32	1.20E-01	6.72E-01
AC093423.2	0.92	4.53E-01	1.00E+00	-1.65	1.20E-01	6.72E-01
AKAP11	0.02	9.29E-01	1.00E+00	0.43	1.20E-01	6.73E-01
SAMD4A	0.34	4.15E-01	1.00E+00	0.76	1.20E-01	6.73E-01
AC022149.1	0.04	9.39E-01	1.00E+00	-0.56	1.20E-01	6.73E-01
AC107021.2	0.99	6.51E-01	1.00E+00	2.09	1.20E-01	6.73E-01
AGPAT4-IT1	1.77	1.80E-01	1.00E+00	1.55	1.20E-01	6.73E-01
ELF3-AS1	-2.55	8.32E-02	1.00E+00	1.06	1.20E-01	6.73E-01
RNASEH2C	-0.12	6.64E-01	1.00E+00	0.28	1.20E-01	6.73E-01
TATDN1	0.07	7.20E-01	1.00E+00	-0.42	1.20E-01	6.73E-01
AC092535.4	-0.55	6.36E-01	1.00E+00	1.67	1.20E-01	6.73E-01
AC009271.1	0.26	8.42E-01	1.00E+00	1.43	1.20E-01	6.73E-01
ANKRD20A14P	-0.95	1.35E-01	1.00E+00	-1.10	1.20E-01	6.74E-01
AL357033.3	-0.33	6.64E-01	1.00E+00	1.54	1.20E-01	6.74E-01
NALT1	0.48	6.80E-01	1.00E+00	-1.40	1.21E-01	6.74E-01

PHF5A	0.10	6.22E-01	1.00E+00	0.54	1.21E-01	6.74E-01
EIF2B5	0.16	3.42E-01	1.00E+00	-0.69	1.21E-01	6.74E-01
LINC01564	0.71	7.07E-01	1.00E+00	-2.39	1.21E-01	6.74E-01
DICER1-AS1	-0.51	2.20E-01	1.00E+00	-0.62	1.21E-01	6.74E-01
VIL1	-1.60	4.02E-01	1.00E+00	3.58	1.21E-01	6.74E-01
KDELC1P1	1.76	6.05E-01	1.00E+00	-3.70	1.21E-01	6.74E-01
EHBP1L1	-0.42	1.16E-01	1.00E+00	1.70	1.21E-01	6.74E-01
SORCS3	-0.69	4.65E-01	1.00E+00	1.86	1.21E-01	6.74E-01
AL365203.2	-0.22	7.22E-01	1.00E+00	1.11	1.21E-01	6.74E-01
AC009041.2	0.21	8.09E-01	1.00E+00	-0.95	1.21E-01	6.74E-01
SUCO	0.15	5.89E-01	1.00E+00	0.33	1.21E-01	6.74E-01
AC092849.1	-2.31	3.09E-01	1.00E+00	-1.39	1.21E-01	6.74E-01
KLHDC2	0.12	6.13E-01	1.00E+00	-0.65	1.21E-01	6.74E-01
TAPT1	0.35	1.64E-01	1.00E+00	-0.68	1.21E-01	6.74E-01
CBWD6	0.17	7.08E-01	1.00E+00	-0.53	1.21E-01	6.74E-01
SCYL1	-0.08	6.94E-01	1.00E+00	0.52	1.21E-01	6.74E-01
ZBED8	0.37	5.95E-01	1.00E+00	-0.93	1.21E-01	6.74E-01
AC022413.1	-0.44	6.67E-01	1.00E+00	-1.18	1.21E-01	6.74E-01
NDUFA3	0.08	7.37E-01	1.00E+00	-0.54	1.21E-01	6.74E-01
AC099506.1	NA	NA	NA	2.07	1.21E-01	6.74E-01
TTC12	0.29	4.89E-01	1.00E+00	0.56	1.21E-01	6.74E-01
VDAC2	-0.13	3.90E-01	1.00E+00	-0.32	1.21E-01	6.74E-01
HIST2H2BA	0.40	5.84E-01	1.00E+00	1.47	1.21E-01	6.74E-01
TRAPPC11	0.03	8.69E-01	1.00E+00	-0.34	1.21E-01	6.74E-01
ANKRD13D	-0.05	8.29E-01	1.00E+00	0.72	1.21E-01	6.74E-01
ZNF826P	0.31	6.22E-01	1.00E+00	-0.79	1.21E-01	6.74E-01
AL451165.2	0.17	7.13E-01	1.00E+00	-0.69	1.21E-01	6.74E-01
AL137003.1	0.26	6.30E-01	1.00E+00	0.57	1.21E-01	6.74E-01
AC002524.1	-1.18	4.82E-01	1.00E+00	-0.97	1.21E-01	6.74E-01
GPR141	0.67	5.94E-01	1.00E+00	1.31	1.21E-01	6.74E-01
ELOVL6	0.25	4.74E-01	1.00E+00	-0.46	1.21E-01	6.74E-01
RNA5-8SP3	0.66	8.49E-01	1.00E+00	-2.16	1.21E-01	6.74E-01

ZNF655	0.13	5.88E-01	1.00E+00	-0.25	1.21E-01	6.74E-01
LINC01181	-2.86	6.35E-02	1.00E+00	2.14	1.21E-01	6.74E-01
KARS	-0.25	1.09E-01	1.00E+00	-0.24	1.21E-01	6.74E-01
CASP6	0.06	7.74E-01	1.00E+00	-0.60	1.22E-01	6.74E-01
GUCY2D	-3.37	2.22E-03	2.39E-01	1.02	1.22E-01	6.74E-01
AC215522.2	-2.94	3.86E-01	1.00E+00	1.80	1.22E-01	6.74E-01
AC092384.2	0.29	5.13E-01	1.00E+00	-1.09	1.22E-01	6.75E-01
PLXNA1	-0.07	8.21E-01	1.00E+00	0.95	1.22E-01	6.75E-01
CASP7	0.23	4.68E-01	1.00E+00	0.43	1.22E-01	6.76E-01
AL354714.2	-0.17	9.61E-01	1.00E+00	-0.78	1.22E-01	6.76E-01
MICAL1	-0.34	2.78E-01	1.00E+00	0.93	1.22E-01	6.76E-01
SIPA1L2	-0.31	3.54E-01	1.00E+00	0.80	1.22E-01	6.76E-01
DEFB1	0.26	5.07E-01	1.00E+00	-0.85	1.22E-01	6.76E-01
FAM214B	-0.24	3.22E-01	1.00E+00	0.72	1.22E-01	6.76E-01
AL357054.4	-0.02	9.68E-01	1.00E+00	1.13	1.22E-01	6.76E-01
LBH	0.18	6.42E-01	1.00E+00	0.72	1.22E-01	6.76E-01
ITPR1-DT	0.03	9.87E-01	1.00E+00	-2.09	1.22E-01	6.76E-01
TBX22	1.71	4.45E-01	1.00E+00	-2.65	1.22E-01	6.76E-01
MICU2	0.03	9.22E-01	1.00E+00	-0.38	1.22E-01	6.76E-01
BASP1	-0.46	2.03E-01	1.00E+00	0.99	1.22E-01	6.76E-01
RRM1	-0.09	7.14E-01	1.00E+00	-0.35	1.22E-01	6.76E-01
HAT1	-0.05	7.99E-01	1.00E+00	-0.44	1.22E-01	6.76E-01
GRID2	-2.18	1.94E-01	1.00E+00	-3.50	1.23E-01	6.76E-01
AC007663.1	0.41	4.91E-01	1.00E+00	-0.87	1.23E-01	6.76E-01
G6692	NA	NA	NA	3.94	1.23E-01	6.76E-01
FAM81B	-0.74	6.61E-01	1.00E+00	1.67	1.23E-01	6.76E-01
VAMP4	0.40	1.87E-01	1.00E+00	-0.49	1.23E-01	6.76E-01
TMEM200C	-0.12	7.84E-01	1.00E+00	1.21	1.23E-01	6.76E-01
KRAS	-0.10	7.30E-01	1.00E+00	-0.31	1.23E-01	6.77E-01
UBXN1	0.01	9.76E-01	1.00E+00	0.32	1.23E-01	6.77E-01
EIF5A2	-0.11	7.05E-01	1.00E+00	-0.41	1.23E-01	6.77E-01
C2orf72	0.84	5.03E-01	1.00E+00	-1.24	1.23E-01	6.77E-01

G39807	-1.12	3.85E-01	1.00E+00	1.77	1.23E-01	6.78E-01
DCAF13P3	-0.22	9.17E-01	1.00E+00	2.17	1.23E-01	6.78E-01
AC002091.1	-1.78	1.96E-01	1.00E+00	2.02	1.23E-01	6.78E-01
TSPAN32	-0.48	5.76E-01	1.00E+00	1.22	1.23E-01	6.78E-01
DRAM1	0.15	6.58E-01	1.00E+00	0.84	1.23E-01	6.78E-01
ELOF1	0.09	5.94E-01	1.00E+00	0.41	1.23E-01	6.78E-01
KAT7	-0.19	3.82E-01	1.00E+00	-0.28	1.23E-01	6.78E-01
AC016708.1	0.17	6.66E-01	1.00E+00	-1.17	1.23E-01	6.78E-01
AF064860.2	-0.52	6.72E-01	1.00E+00	-2.26	1.23E-01	6.78E-01
PIP4K2B	0.26	3.25E-01	1.00E+00	0.67	1.23E-01	6.78E-01
PDS5B	0.09	6.40E-01	1.00E+00	-0.35	1.24E-01	6.78E-01
PPP1R2P1	-2.02	5.55E-01	1.00E+00	-1.79	1.24E-01	6.78E-01
AC011481.3	-1.27	1.51E-01	1.00E+00	-1.47	1.24E-01	6.78E-01
DENND2D	0.48	2.16E-01	1.00E+00	0.50	1.24E-01	6.78E-01
HS6ST3	0.52	4.80E-01	1.00E+00	-1.61	1.24E-01	6.78E-01
SOX21	-0.18	6.64E-01	1.00E+00	-1.08	1.24E-01	6.78E-01
LINC00449	-2.52	4.51E-01	1.00E+00	-1.43	1.24E-01	6.78E-01
NUDT11	-0.13	7.12E-01	1.00E+00	-0.57	1.24E-01	6.78E-01
FAM69C	-0.67	8.28E-02	1.00E+00	-1.10	1.24E-01	6.78E-01
AC027237.3	0.01	9.93E-01	1.00E+00	1.53	1.24E-01	6.78E-01
ADA	-0.03	9.61E-01	1.00E+00	0.58	1.24E-01	6.78E-01
G12891	1.70	1.05E-01	1.00E+00	-1.74	1.24E-01	6.78E-01
MELK	-0.08	8.60E-01	1.00E+00	0.73	1.24E-01	6.78E-01
ATXN7L1	-0.22	4.29E-01	1.00E+00	0.35	1.24E-01	6.78E-01
G13124	0.00	9.98E-01	1.00E+00	-1.25	1.24E-01	6.78E-01
C3orf70	0.15	7.55E-01	1.00E+00	-0.53	1.24E-01	6.78E-01
SERPINB13	-0.03	9.64E-01	1.00E+00	1.10	1.24E-01	6.78E-01
AC138392.1	0.83	3.66E-01	1.00E+00	0.88	1.24E-01	6.78E-01
UFM1	0.19	4.13E-01	1.00E+00	-0.48	1.24E-01	6.78E-01
VPS29	0.12	5.78E-01	1.00E+00	-0.67	1.24E-01	6.78E-01
AL133410.1	3.48	3.03E-01	1.00E+00	-2.40	1.24E-01	6.78E-01
IL1B	-0.85	3.90E-01	1.00E+00	1.43	1.24E-01	6.78E-01

RP11-14N7.2	3.76	5.16E-02	1.00E+00	1.34	1.24E-01	6.78E-01
ZNF577	0.05	8.72E-01	1.00E+00	-0.57	1.24E-01	6.78E-01
STARD7	0.39	5.36E-02	1.00E+00	-0.41	1.24E-01	6.78E-01
TM2D1	0.41	1.27E-01	1.00E+00	-0.66	1.24E-01	6.78E-01
ADGRL3	-0.79	1.22E-01	1.00E+00	-0.85	1.24E-01	6.78E-01
MYH14	-0.10	8.06E-01	1.00E+00	-1.09	1.24E-01	6.78E-01
CHST3	0.08	7.36E-01	1.00E+00	0.86	1.24E-01	6.78E-01
XLOC_013424	1.01	1.37E-01	1.00E+00	-0.83	1.24E-01	6.78E-01
GPRASP2	0.11	6.34E-01	1.00E+00	-0.48	1.24E-01	6.78E-01
CASP10	0.18	6.40E-01	1.00E+00	0.66	1.24E-01	6.78E-01
SLC43A2	-0.20	6.81E-01	1.00E+00	1.20	1.24E-01	6.78E-01
USP36	-0.04	8.54E-01	1.00E+00	0.52	1.24E-01	6.78E-01
DMAC2	-0.03	8.75E-01	1.00E+00	0.17	1.24E-01	6.78E-01
PRICKLE3	-0.33	2.84E-01	1.00E+00	0.43	1.25E-01	6.78E-01
AC108047.1	-0.14	7.84E-01	1.00E+00	-0.68	1.25E-01	6.78E-01
AC017100.1	0.44	5.98E-01	1.00E+00	-1.45	1.25E-01	6.78E-01
KIAA1211	-0.45	2.66E-01	1.00E+00	1.64	1.25E-01	6.78E-01
AC019181.1	-0.18	9.58E-01	1.00E+00	1.72	1.25E-01	6.78E-01
DPY19L4	0.14	6.99E-01	1.00E+00	-0.41	1.25E-01	6.78E-01
SCN8A	-2.41	1.32E-02	7.22E-01	1.15	1.25E-01	6.78E-01
CCDC71	-0.18	4.11E-01	1.00E+00	0.99	1.25E-01	6.78E-01
CERS6	0.12	7.13E-01	1.00E+00	-0.76	1.25E-01	6.78E-01
TIMM10B	0.09	6.66E-01	1.00E+00	-0.43	1.25E-01	6.78E-01
CD52	-0.95	1.93E-01	1.00E+00	0.78	1.25E-01	6.78E-01
NFKBID	-0.53	3.45E-01	1.00E+00	0.94	1.25E-01	6.78E-01
ACSL1	0.47	3.18E-01	1.00E+00	-0.69	1.25E-01	6.78E-01
HEG1	-0.06	8.90E-01	1.00E+00	0.85	1.25E-01	6.78E-01
PGA3	NA	NA	NA	1.62	1.25E-01	6.78E-01
BET1	0.35	1.31E-01	1.00E+00	-0.56	1.25E-01	6.78E-01
LINC02568	-0.20	8.23E-01	1.00E+00	-1.21	1.25E-01	6.78E-01
RFC5	-0.13	5.95E-01	1.00E+00	-0.47	1.25E-01	6.78E-01
HHLA3	0.24	5.02E-01	1.00E+00	-0.47	1.25E-01	6.78E-01

HIF1A	0.00	9.91E-01	1.00E+00	0.32	1.25E-01	6.78E-01
SLC25A45	-0.21	6.56E-01	1.00E+00	0.68	1.25E-01	6.78E-01
COBLL1	0.29	2.29E-01	1.00E+00	-0.41	1.25E-01	6.78E-01
AL162171.3	-0.78	5.59E-01	1.00E+00	1.63	1.25E-01	6.78E-01
ZNF507	-0.02	8.85E-01	1.00E+00	0.35	1.25E-01	6.78E-01
KCNA4	1.31	1.03E-01	1.00E+00	-1.90	1.25E-01	6.78E-01
PGS1	-0.40	3.34E-02	1.00E+00	0.43	1.25E-01	6.78E-01
SLC25A39	-0.21	4.33E-01	1.00E+00	0.24	1.25E-01	6.78E-01
XLOC_014244	0.13	9.71E-01	1.00E+00	2.40	1.25E-01	6.78E-01
AC007406.3	-1.40	4.44E-01	1.00E+00	1.69	1.25E-01	6.78E-01
SNRNP27	0.17	4.09E-01	1.00E+00	-0.61	1.25E-01	6.78E-01
GTSE1	0.00	9.96E-01	1.00E+00	0.83	1.25E-01	6.78E-01
KLB	2.10	5.15E-03	4.18E-01	-0.98	1.25E-01	6.78E-01
CYP2R1	-0.34	2.25E-01	1.00E+00	-0.41	1.25E-01	6.79E-01
URAHF	0.59	7.92E-01	1.00E+00	1.17	1.25E-01	6.79E-01
HDAC11	0.22	2.83E-01	1.00E+00	-0.35	1.26E-01	6.80E-01
C2orf27AP1	0.95	4.85E-01	1.00E+00	-1.89	1.26E-01	6.80E-01
DHDDS	0.20	4.81E-01	1.00E+00	-0.48	1.26E-01	6.80E-01
RNH1	-0.04	8.65E-01	1.00E+00	0.26	1.26E-01	6.80E-01
CHPF2	-0.35	9.01E-02	1.00E+00	0.90	1.26E-01	6.80E-01
APOBEC3B	-1.15	4.09E-02	1.00E+00	0.78	1.26E-01	6.80E-01
PCNX3	-0.38	1.82E-01	1.00E+00	0.83	1.26E-01	6.80E-01
AL590762.3	NA	NA	NA	-1.14	1.26E-01	6.80E-01
MIR3188	-0.06	9.86E-01	1.00E+00	1.67	1.26E-01	6.80E-01
LINC00933	-0.39	5.33E-01	1.00E+00	-0.94	1.26E-01	6.80E-01
CIDEA	0.83	1.58E-01	1.00E+00	-0.92	1.26E-01	6.80E-01
MAP3K8	0.09	8.33E-01	1.00E+00	0.47	1.26E-01	6.80E-01
CENPA	0.48	2.73E-01	1.00E+00	-1.17	1.26E-01	6.80E-01
LRFN5	1.14	5.32E-02	1.00E+00	1.07	1.26E-01	6.80E-01
HACD4	0.00	9.98E-01	1.00E+00	0.48	1.26E-01	6.80E-01
PIP5K1A	0.11	6.86E-01	1.00E+00	0.47	1.26E-01	6.80E-01
TMTC4	-0.39	1.83E-01	1.00E+00	-0.27	1.26E-01	6.80E-01

TRUB2	-0.38	4.78E-02	1.00E+00	-0.33	1.26E-01	6.80E-01
FMC1	1.41	3.27E-01	1.00E+00	-1.09	1.26E-01	6.80E-01
PLCZ1	0.20	8.65E-01	1.00E+00	1.13	1.26E-01	6.80E-01
CLCA3P	-0.23	9.47E-01	1.00E+00	2.08	1.26E-01	6.81E-01
SMDT1	-0.14	4.31E-01	1.00E+00	-0.43	1.26E-01	6.81E-01
AC091153.1	1.03	5.86E-01	1.00E+00	-1.03	1.26E-01	6.81E-01
DLGAP3	-2.06	2.44E-02	9.22E-01	1.39	1.27E-01	6.81E-01
AC021321.1	2.31	1.56E-01	1.00E+00	1.88	1.27E-01	6.81E-01
MTMR7	-0.62	2.46E-01	1.00E+00	-0.70	1.27E-01	6.81E-01
AP005329.1	-2.12	5.35E-01	1.00E+00	-1.24	1.27E-01	6.82E-01
HNRNPA0	-0.09	6.44E-01	1.00E+00	0.64	1.27E-01	6.82E-01
AL928970.1	-1.90	3.24E-01	1.00E+00	1.17	1.27E-01	6.82E-01
SCAI	-0.15	6.65E-01	1.00E+00	-0.45	1.27E-01	6.82E-01
FKBP1A	-0.01	9.42E-01	1.00E+00	0.43	1.27E-01	6.82E-01
ACTR10	0.11	5.58E-01	1.00E+00	-0.45	1.27E-01	6.82E-01
PMEPA1	0.70	2.37E-01	1.00E+00	0.79	1.27E-01	6.82E-01
GGTA1P	0.27	4.17E-01	1.00E+00	-0.54	1.27E-01	6.82E-01
YWHAB	-0.10	4.16E-01	1.00E+00	-0.21	1.27E-01	6.83E-01
XLOC_014159	1.21	3.01E-01	1.00E+00	-1.42	1.27E-01	6.83E-01
AC074367.1	NA	NA	NA	-2.31	1.27E-01	6.83E-01
RCOR3	0.09	6.59E-01	1.00E+00	-0.34	1.27E-01	6.83E-01
MLLT10P1	0.85	3.27E-01	1.00E+00	-1.14	1.27E-01	6.84E-01
SEPT7P2	0.19	5.08E-01	1.00E+00	-0.40	1.27E-01	6.84E-01
RNF7	0.07	7.12E-01	1.00E+00	-0.47	1.28E-01	6.84E-01
AP000943.2	-4.64	4.20E-03	3.64E-01	2.08	1.28E-01	6.84E-01
SERF1B	-0.80	8.32E-02	1.00E+00	-0.83	1.28E-01	6.84E-01
ARHGAP45	-0.16	5.98E-01	1.00E+00	0.99	1.28E-01	6.84E-01
TIMP4	3.07	3.27E-02	1.00E+00	-1.29	1.28E-01	6.84E-01
BVES-AS1	0.22	8.80E-01	1.00E+00	1.83	1.28E-01	6.84E-01
ATP13A5	-1.12	8.13E-02	1.00E+00	-1.20	1.28E-01	6.84E-01
LINC02154	-2.43	4.34E-01	1.00E+00	2.45	1.28E-01	6.85E-01
AP3M1	0.20	3.61E-01	1.00E+00	-0.28	1.28E-01	6.85E-01

HLA-E	0.00	9.85E-01	1.00E+00	0.40	1.28E-01	6.85E-01
XLOC_003641	-0.98	5.26E-01	1.00E+00	-1.49	1.28E-01	6.85E-01
PGK1P2	0.84	8.06E-01	1.00E+00	1.07	1.28E-01	6.85E-01
ARMT1	0.57	1.30E-01	1.00E+00	-0.58	1.28E-01	6.86E-01
LAMA2	0.49	2.66E-01	1.00E+00	0.78	1.28E-01	6.86E-01
INTS11	-0.21	3.99E-01	1.00E+00	0.27	1.28E-01	6.86E-01
RPS2P46	-0.24	3.70E-01	1.00E+00	-0.81	1.28E-01	6.86E-01
ZNF302	0.58	8.90E-02	1.00E+00	-0.45	1.28E-01	6.86E-01
LRRTM1	0.41	6.00E-01	1.00E+00	-1.68	1.28E-01	6.86E-01
FUOM	0.17	5.18E-01	1.00E+00	0.49	1.28E-01	6.86E-01
LINC02273	2.36	1.03E-01	1.00E+00	1.79	1.28E-01	6.86E-01
FAM187B2P	-0.18	8.80E-01	1.00E+00	-1.65	1.28E-01	6.86E-01
PCYOX1	0.34	2.38E-01	1.00E+00	-0.40	1.28E-01	6.86E-01
FAM131C	-0.38	3.48E-01	1.00E+00	-1.24	1.29E-01	6.86E-01
PAQR7	0.19	5.80E-01	1.00E+00	0.73	1.29E-01	6.86E-01
AC095031.1	2.43	1.68E-01	1.00E+00	-2.44	1.29E-01	6.86E-01
IFT74	-0.25	4.20E-01	1.00E+00	-0.43	1.29E-01	6.86E-01
FABP7	1.06	7.39E-01	1.00E+00	-1.28	1.29E-01	6.86E-01
AHCTF1P1	-1.36	2.62E-01	1.00E+00	-0.73	1.29E-01	6.86E-01
HMGN2	-0.21	1.92E-01	1.00E+00	-0.28	1.29E-01	6.86E-01
KRT34	-3.31	3.14E-01	1.00E+00	2.22	1.29E-01	6.86E-01
SEC14L6	1.16	1.72E-01	1.00E+00	-1.43	1.29E-01	6.86E-01
HOXC5	1.05	2.41E-01	1.00E+00	0.87	1.29E-01	6.86E-01
NHLH2	-0.22	6.19E-01	1.00E+00	-1.09	1.29E-01	6.86E-01
TRHDE-AS1	3.31	1.65E-03	2.25E-01	-1.43	1.29E-01	6.86E-01
HORMAD2-AS1	-2.27	4.87E-01	1.00E+00	-1.69	1.29E-01	6.86E-01
DGCR5	-0.46	5.10E-01	1.00E+00	-1.06	1.29E-01	6.86E-01
ACSL4	0.07	8.31E-01	1.00E+00	0.48	1.29E-01	6.86E-01
AC138150.1	-0.25	9.41E-01	1.00E+00	1.07	1.29E-01	6.86E-01
TBKBP1	-0.14	6.69E-01	1.00E+00	1.04	1.29E-01	6.86E-01
RNF175	0.08	9.11E-01	1.00E+00	1.03	1.29E-01	6.86E-01
LINC00844	0.59	6.94E-01	1.00E+00	-1.59	1.29E-01	6.86E-01

SLITRK4	0.78	8.75E-02	1.00E+00	0.82	1.29E-01	6.86E-01
ANKRD20A5P	-1.19	4.33E-01	1.00E+00	1.27	1.29E-01	6.86E-01
BBS2	0.26	2.70E-01	1.00E+00	-0.30	1.29E-01	6.86E-01
GLI4	-0.02	9.49E-01	1.00E+00	-0.51	1.29E-01	6.86E-01
LINC02586	0.61	7.33E-01	1.00E+00	-2.05	1.29E-01	6.86E-01
ENKUR	-3.06	1.41E-01	1.00E+00	1.91	1.29E-01	6.86E-01
ASS1P12	-1.02	3.10E-01	1.00E+00	1.43	1.29E-01	6.86E-01
AC102953.2	-0.20	7.96E-01	1.00E+00	1.64	1.29E-01	6.86E-01
AL031055.1	-1.16	5.14E-01	1.00E+00	-1.35	1.29E-01	6.87E-01
CHCHD1	0.19	3.48E-01	1.00E+00	-0.29	1.29E-01	6.87E-01
SERPINA3	-3.07	3.47E-01	1.00E+00	2.17	1.29E-01	6.87E-01
CPNE7	-0.86	1.39E-01	1.00E+00	1.64	1.29E-01	6.87E-01
CFLAR-AS1	-1.78	2.91E-01	1.00E+00	1.13	1.29E-01	6.87E-01
GLP2R	1.93	2.09E-01	1.00E+00	-1.92	1.29E-01	6.87E-01
MAP3K2	-0.12	6.56E-01	1.00E+00	-0.32	1.30E-01	6.87E-01
ADH5P4	NA	NA	NA	-0.99	1.30E-01	6.87E-01
PXDNL	-0.57	5.21E-01	1.00E+00	1.21	1.30E-01	6.87E-01
NOP56P1	0.43	9.03E-01	1.00E+00	1.99	1.30E-01	6.87E-01
LINC01355	1.10	5.54E-01	1.00E+00	-1.50	1.30E-01	6.87E-01
CEBPE	-1.68	4.39E-01	1.00E+00	2.18	1.30E-01	6.87E-01
TCIRG1	-0.01	9.65E-01	1.00E+00	0.91	1.30E-01	6.87E-01
ZNF346	-0.33	1.05E-01	1.00E+00	0.31	1.30E-01	6.88E-01
C5orf17	-1.75	1.61E-01	1.00E+00	-1.82	1.30E-01	6.88E-01
PPM1F	0.07	8.41E-01	1.00E+00	0.85	1.30E-01	6.88E-01
G3899	-0.18	8.38E-01	1.00E+00	1.27	1.30E-01	6.88E-01
MIR29B2CHG	1.31	4.10E-02	1.00E+00	0.74	1.30E-01	6.88E-01
SERPINE2	-0.07	8.40E-01	1.00E+00	0.69	1.30E-01	6.88E-01
SACS	-0.09	6.97E-01	1.00E+00	0.77	1.30E-01	6.88E-01
HOTAIRM1	-0.52	2.56E-01	1.00E+00	-0.69	1.30E-01	6.88E-01
NDUFS5	-0.03	8.47E-01	1.00E+00	-0.37	1.30E-01	6.88E-01
RRAGA	-0.05	7.46E-01	1.00E+00	-0.24	1.30E-01	6.89E-01
AC113404.3	0.18	7.74E-01	1.00E+00	-0.58	1.31E-01	6.90E-01

AC004988.1	-0.55	8.24E-01	1.00E+00	2.18	1.31E-01	6.90E-01
ABCC6P1	-1.77	4.54E-01	1.00E+00	-1.53	1.31E-01	6.90E-01
SEC61A1	-0.05	7.65E-01	1.00E+00	0.50	1.31E-01	6.90E-01
RPL5P23	-1.02	7.64E-01	1.00E+00	-0.96	1.31E-01	6.90E-01
KIF1BP	0.10	6.63E-01	1.00E+00	-0.39	1.31E-01	6.91E-01
HMGA1P2	-0.80	5.52E-01	1.00E+00	1.21	1.31E-01	6.91E-01
ARFGAP1	-0.04	8.49E-01	1.00E+00	0.79	1.31E-01	6.91E-01
MGAT1	-0.04	8.09E-01	1.00E+00	0.60	1.31E-01	6.91E-01
BDNF	-0.18	7.42E-01	1.00E+00	0.82	1.31E-01	6.91E-01
CNDP2	0.18	4.08E-01	1.00E+00	0.48	1.31E-01	6.91E-01
RSPO2	-15.92	3.27E-06	1.12E-03	-3.07	1.31E-01	6.91E-01
C2orf92	-0.37	6.38E-01	1.00E+00	-1.25	1.31E-01	6.91E-01
HIST1H2AH	2.14	3.70E-01	1.00E+00	-1.18	1.31E-01	6.91E-01
ZNF282	-0.34	1.23E-01	1.00E+00	0.98	1.31E-01	6.91E-01
G26269	-2.13	9.45E-02	1.00E+00	-1.67	1.31E-01	6.92E-01
TMEM251	0.30	3.87E-01	1.00E+00	-0.61	1.31E-01	6.92E-01
SACM1L	0.35	2.51E-01	1.00E+00	-0.43	1.32E-01	6.92E-01
SPAG17	0.25	7.27E-01	1.00E+00	1.33	1.32E-01	6.92E-01
HIGD1A	0.29	2.80E-01	1.00E+00	-0.73	1.32E-01	6.92E-01
SEMA6D	0.53	2.85E-01	1.00E+00	0.84	1.32E-01	6.92E-01
G16199	-0.49	6.82E-01	1.00E+00	1.43	1.32E-01	6.92E-01
NCKAP1	0.19	3.12E-01	1.00E+00	-0.44	1.32E-01	6.92E-01
AC021237.1	NA	NA	NA	4.15	1.32E-01	6.92E-01
SYNPO	-0.14	7.86E-01	1.00E+00	1.20	1.32E-01	6.92E-01
PRTFDC1	0.86	7.09E-02	1.00E+00	0.63	1.32E-01	6.92E-01
EFCAB6-AS1	-1.73	5.30E-01	1.00E+00	-2.37	1.32E-01	6.92E-01
DDN-AS1	0.64	5.89E-01	1.00E+00	1.18	1.32E-01	6.92E-01
ZNF532	-0.02	9.47E-01	1.00E+00	0.68	1.32E-01	6.92E-01
ZNF816	0.04	9.15E-01	1.00E+00	-0.67	1.32E-01	6.92E-01
HPCAL4	-1.98	1.27E-01	1.00E+00	2.05	1.32E-01	6.92E-01
RP11-231C14.4	-0.14	8.61E-01	1.00E+00	0.91	1.32E-01	6.92E-01
LINC02542	0.35	4.74E-01	1.00E+00	-1.07	1.32E-01	6.92E-01

LYPD6	-0.26	6.44E-01	1.00E+00	1.23	1.32E-01	6.92E-01
G39805	-0.64	7.42E-01	1.00E+00	-2.39	1.32E-01	6.92E-01
NAF1	-0.11	5.89E-01	1.00E+00	0.39	1.32E-01	6.92E-01
BTNL9	0.50	4.32E-01	1.00E+00	-1.21	1.32E-01	6.92E-01
CBY1	0.33	2.06E-01	1.00E+00	-0.52	1.32E-01	6.92E-01
TAOK3	-0.04	8.31E-01	1.00E+00	0.23	1.32E-01	6.92E-01
TAB2	-0.07	6.72E-01	1.00E+00	0.54	1.32E-01	6.93E-01
ACBD3	-0.07	7.69E-01	1.00E+00	-0.49	1.32E-01	6.93E-01
RSPH1	-0.29	5.72E-01	1.00E+00	-0.84	1.32E-01	6.93E-01
ZNF888	0.08	8.20E-01	1.00E+00	0.56	1.32E-01	6.93E-01
SST	-17.65	9.48E-13	6.73E-10	2.65	1.32E-01	6.93E-01
MRPL23	-0.17	4.14E-01	1.00E+00	-0.74	1.33E-01	6.93E-01
ATP5F1A	-0.03	9.03E-01	1.00E+00	-0.29	1.33E-01	6.93E-01
DTWD2	-0.18	4.54E-01	1.00E+00	-0.60	1.33E-01	6.94E-01
CLEC12A	0.37	7.49E-01	1.00E+00	1.35	1.33E-01	6.94E-01
POU3F1	-0.47	3.02E-01	1.00E+00	-1.09	1.33E-01	6.94E-01
ANGPT2	0.43	4.10E-01	1.00E+00	0.86	1.33E-01	6.95E-01
OPA3	-0.37	7.84E-02	1.00E+00	0.47	1.33E-01	6.95E-01
C11orf80	0.14	6.24E-01	1.00E+00	-0.69	1.33E-01	6.95E-01
MRNIP	0.28	4.61E-01	1.00E+00	0.36	1.33E-01	6.95E-01
LINC02575	-0.13	9.47E-01	1.00E+00	2.10	1.33E-01	6.95E-01
ZC3HAV1L	-0.83	5.20E-02	1.00E+00	-0.54	1.33E-01	6.95E-01
HSPB7	1.49	5.08E-02	1.00E+00	-1.02	1.33E-01	6.95E-01
RCCD1	-0.29	2.99E-01	1.00E+00	-0.54	1.33E-01	6.95E-01
AGR3	-2.55	1.28E-01	1.00E+00	-1.71	1.33E-01	6.95E-01
BIN2	-0.38	4.10E-01	1.00E+00	0.94	1.33E-01	6.95E-01
SNED1	0.61	1.22E-01	1.00E+00	1.13	1.33E-01	6.95E-01
AC011374.1	0.03	9.40E-01	1.00E+00	-0.81	1.33E-01	6.95E-01
AC096887.1	-0.62	6.51E-01	1.00E+00	0.93	1.33E-01	6.95E-01
CENPT	0.05	8.38E-01	1.00E+00	0.30	1.33E-01	6.95E-01
RCL1	-0.13	6.75E-01	1.00E+00	-0.32	1.33E-01	6.95E-01
TMA7	0.33	2.39E-01	1.00E+00	-0.95	1.33E-01	6.95E-01

MINOS1	0.15	7.11E-01	1.00E+00	-0.68	1.33E-01	6.95E-01
AC116366.1	-0.61	5.25E-01	1.00E+00	1.05	1.33E-01	6.95E-01
TBC1D22A	-0.03	8.80E-01	1.00E+00	0.43	1.33E-01	6.95E-01
PPIAP39	0.65	2.23E-01	1.00E+00	1.05	1.33E-01	6.95E-01
AL161729.1	-0.06	9.86E-01	1.00E+00	-1.58	1.34E-01	6.95E-01
HERC2	-0.07	8.12E-01	1.00E+00	0.52	1.34E-01	6.95E-01
CCL26	-0.57	3.91E-01	1.00E+00	0.67	1.34E-01	6.95E-01
B9D2	-0.07	7.86E-01	1.00E+00	0.37	1.34E-01	6.95E-01
AC018553.1	-0.20	5.80E-01	1.00E+00	-0.71	1.34E-01	6.95E-01
CST7	-0.16	8.00E-01	1.00E+00	0.78	1.34E-01	6.95E-01
ATXN7L3	-0.29	2.47E-01	1.00E+00	1.08	1.34E-01	6.95E-01
NDUFB5	0.07	7.71E-01	1.00E+00	-0.43	1.34E-01	6.95E-01
AC009121.2	-0.98	6.80E-01	1.00E+00	1.89	1.34E-01	6.95E-01
CHMP2B	0.06	8.39E-01	1.00E+00	-0.38	1.34E-01	6.95E-01
AC006441.4	-0.44	4.78E-01	1.00E+00	-1.11	1.34E-01	6.95E-01
AC136475.1	0.19	6.73E-01	1.00E+00	0.80	1.34E-01	6.95E-01
TM7SF2	0.09	8.21E-01	1.00E+00	-0.43	1.34E-01	6.95E-01
AL391684.1	2.22	1.48E-01	1.00E+00	-1.35	1.34E-01	6.95E-01
FAM180A	1.00	1.37E-02	7.37E-01	0.80	1.34E-01	6.95E-01
HMGA1	-0.42	2.01E-01	1.00E+00	0.55	1.34E-01	6.95E-01
RAB22A	0.15	4.40E-01	1.00E+00	-0.34	1.34E-01	6.95E-01
INSRR	0.56	8.71E-01	1.00E+00	2.52	1.34E-01	6.95E-01
IGHV3-53	4.84	1.62E-02	7.96E-01	2.66	1.34E-01	6.95E-01
SNCB	-4.83	5.10E-06	1.64E-03	1.67	1.34E-01	6.95E-01
PRPF39	0.26	4.31E-01	1.00E+00	-0.38	1.34E-01	6.95E-01
FAM66B	-1.32	3.04E-03	2.89E-01	-1.76	1.34E-01	6.95E-01
RPL7P18	2.54	1.31E-01	1.00E+00	2.05	1.34E-01	6.95E-01
BLACAT1	-3.06	8.04E-02	1.00E+00	2.50	1.34E-01	6.95E-01
BMS1P9	-1.47	3.24E-01	1.00E+00	-0.75	1.34E-01	6.95E-01
MRPS16	-0.07	6.90E-01	1.00E+00	-0.25	1.34E-01	6.95E-01
SSR2	-0.02	8.97E-01	1.00E+00	0.22	1.34E-01	6.95E-01
AIP	0.17	4.60E-01	1.00E+00	0.42	1.34E-01	6.95E-01

AC009123.1	0.56	4.33E-01	1.00E+00	-1.36	1.34E-01	6.95E-01
PLEK	0.14	8.20E-01	1.00E+00	1.04	1.34E-01	6.95E-01
AL356747.1	-2.53	4.55E-01	1.00E+00	2.06	1.34E-01	6.95E-01
SLC25A33	0.33	5.94E-01	1.00E+00	-1.08	1.35E-01	6.95E-01
STX8	-0.03	8.31E-01	1.00E+00	-0.50	1.35E-01	6.95E-01
CES5A	-1.52	1.02E-01	1.00E+00	-1.34	1.35E-01	6.95E-01
LHB	-3.26	5.93E-02	1.00E+00	1.83	1.35E-01	6.95E-01
SCGB2A1	-0.32	7.51E-01	1.00E+00	-1.50	1.35E-01	6.95E-01
OBSCN-AS1	-0.26	8.31E-01	1.00E+00	1.19	1.35E-01	6.96E-01
AC079465.1	0.40	6.67E-01	1.00E+00	-1.74	1.35E-01	6.96E-01
UCHL5	0.01	9.79E-01	1.00E+00	-0.47	1.35E-01	6.96E-01
WWTR1-IT1	-1.28	4.21E-01	1.00E+00	1.75	1.35E-01	6.96E-01
HSPE1P3	NA	NA	NA	-1.06	1.35E-01	6.96E-01
LINC01770	0.35	5.55E-01	1.00E+00	-0.76	1.35E-01	6.96E-01
OGFRL1	-0.05	8.57E-01	1.00E+00	-0.58	1.35E-01	6.96E-01
ZNF419	0.17	4.99E-01	1.00E+00	0.32	1.35E-01	6.96E-01
XLOC_004803	-0.67	8.96E-02	1.00E+00	0.91	1.35E-01	6.96E-01
DNTTIP1	-0.10	6.92E-01	1.00E+00	-0.75	1.35E-01	6.96E-01
AC079610.2	-0.01	9.91E-01	1.00E+00	-1.10	1.35E-01	6.96E-01
PLEKHG4B	0.10	8.88E-01	1.00E+00	1.12	1.35E-01	6.96E-01
SESN2	0.09	6.83E-01	1.00E+00	0.71	1.35E-01	6.96E-01
RPL8	0.02	9.40E-01	1.00E+00	0.39	1.35E-01	6.96E-01
CLCN3P1	0.95	2.29E-01	1.00E+00	-1.03	1.35E-01	6.96E-01
NKAIN2	-1.31	6.39E-02	1.00E+00	1.60	1.35E-01	6.96E-01
SYDE1	0.19	6.21E-01	1.00E+00	1.08	1.35E-01	6.96E-01
LANCL3	0.26	5.27E-01	1.00E+00	0.71	1.35E-01	6.96E-01
DUX4L50	0.44	5.51E-01	1.00E+00	0.62	1.35E-01	6.96E-01
AC068533.2	-0.13	8.89E-01	1.00E+00	-0.92	1.35E-01	6.96E-01
CSTF3	0.10	6.34E-01	1.00E+00	-0.32	1.35E-01	6.96E-01
SEC14L2	-0.56	1.37E-01	1.00E+00	0.66	1.35E-01	6.96E-01
ACKR4	0.57	1.43E-01	1.00E+00	0.52	1.35E-01	6.96E-01
SERPINB1	-0.12	5.19E-01	1.00E+00	0.47	1.35E-01	6.96E-01

PSMG4	-0.38	2.38E-01	1.00E+00	-0.36	1.35E-01	6.96E-01
TAMM41	-0.12	6.61E-01	1.00E+00	-0.37	1.35E-01	6.96E-01
NF1	0.08	7.11E-01	1.00E+00	0.56	1.36E-01	6.96E-01
CPEB2	-0.25	5.29E-01	1.00E+00	-0.43	1.36E-01	6.96E-01
AC016245.1	-1.83	5.29E-01	1.00E+00	2.52	1.36E-01	6.96E-01
AC091965.4	-1.78	4.86E-01	1.00E+00	-1.74	1.36E-01	6.96E-01
AL035461.2	3.64	1.34E-01	1.00E+00	0.99	1.36E-01	6.96E-01
RBP4	4.42	5.88E-03	4.57E-01	-1.38	1.36E-01	6.96E-01
BLM	-0.48	3.29E-01	1.00E+00	0.85	1.36E-01	6.96E-01
G25594	-0.12	8.26E-01	1.00E+00	-1.42	1.36E-01	6.96E-01
IL26	0.90	7.96E-01	1.00E+00	3.51	1.36E-01	6.96E-01
AC010894.2	-0.03	9.73E-01	1.00E+00	-1.11	1.36E-01	6.96E-01
CEACAM3	-3.24	3.38E-01	1.00E+00	1.82	1.36E-01	6.97E-01
DNAH100S	-0.58	4.28E-01	1.00E+00	-0.93	1.36E-01	6.97E-01
DDIAS	-0.10	8.04E-01	1.00E+00	-0.57	1.36E-01	6.97E-01
AP001189.1	-0.99	1.72E-01	1.00E+00	1.83	1.36E-01	6.97E-01
SFXN5	-0.50	5.48E-02	1.00E+00	0.60	1.36E-01	6.97E-01
ATP8B2	0.59	1.59E-01	1.00E+00	1.28	1.36E-01	6.97E-01
ZNF579	-0.26	4.18E-01	1.00E+00	1.22	1.36E-01	6.97E-01
ZNF737	-0.03	9.41E-01	1.00E+00	-0.65	1.36E-01	6.97E-01
PRR22	-0.46	6.44E-01	1.00E+00	1.14	1.36E-01	6.97E-01
ZNF664	0.20	6.07E-01	1.00E+00	0.63	1.36E-01	6.97E-01
PCBD1	-0.01	9.86E-01	1.00E+00	-0.31	1.36E-01	6.97E-01
UTP23	0.19	3.85E-01	1.00E+00	-0.24	1.36E-01	6.97E-01
MTCH1	0.19	1.64E-01	1.00E+00	-0.65	1.36E-01	6.97E-01
LYRM9	0.44	2.19E-01	1.00E+00	-0.49	1.37E-01	6.97E-01
AC092490.1	3.00	1.20E-01	1.00E+00	1.33	1.37E-01	6.97E-01
NCBP2L	-3.14	3.87E-02	1.00E+00	-2.01	1.37E-01	6.97E-01
SSR3	0.06	7.51E-01	1.00E+00	-0.25	1.37E-01	6.97E-01
DDOST	-0.05	7.51E-01	1.00E+00	0.22	1.37E-01	6.97E-01
AC087482.1	2.65	9.84E-02	1.00E+00	-1.53	1.37E-01	6.97E-01
AL353150.1	-1.78	1.96E-01	1.00E+00	1.07	1.37E-01	6.97E-01

ABCG8	-0.91	6.30E-01	1.00E+00	1.92	1.37E-01	6.97E-01
DCBLD1	0.28	5.32E-01	1.00E+00	0.88	1.37E-01	6.97E-01
AC099063.4	-0.29	8.56E-01	1.00E+00	1.38	1.37E-01	6.97E-01
RNU4ATAC	6.34	3.90E-04	8.19E-02	-1.73	1.37E-01	6.97E-01
TSPAN4	0.50	1.07E-01	1.00E+00	0.48	1.37E-01	6.97E-01
CICP14	-0.31	6.82E-01	1.00E+00	1.82	1.37E-01	6.97E-01
MYOT	-0.08	9.09E-01	1.00E+00	-0.69	1.37E-01	6.97E-01
SHISAL2A	-1.79	5.39E-01	1.00E+00	1.96	1.37E-01	6.97E-01
AC008764.10	0.32	9.28E-01	1.00E+00	1.66	1.37E-01	6.97E-01
AL358332.1	0.03	9.75E-01	1.00E+00	-1.19	1.37E-01	6.97E-01
BLZF1	-0.03	8.88E-01	1.00E+00	-0.40	1.37E-01	6.97E-01
GOLGA7B	-0.55	4.67E-02	1.00E+00	0.88	1.37E-01	6.97E-01
VPS8	-0.08	6.83E-01	1.00E+00	0.30	1.37E-01	6.97E-01
AC005726.3	-0.16	9.15E-01	1.00E+00	1.19	1.37E-01	6.97E-01
SH3YL1	-0.31	2.50E-01	1.00E+00	-0.47	1.37E-01	6.97E-01
ATP11A	-0.24	2.16E-01	1.00E+00	0.80	1.37E-01	6.97E-01
ZNF271P	0.04	8.94E-01	1.00E+00	-0.49	1.37E-01	6.97E-01
MELTF-AS1	0.74	5.40E-01	1.00E+00	-1.14	1.37E-01	6.97E-01
AC018521.5	0.08	8.74E-01	1.00E+00	-0.57	1.37E-01	6.97E-01
CLIP2	-0.22	4.84E-01	1.00E+00	0.87	1.37E-01	6.97E-01
PPIEL	0.27	7.33E-01	1.00E+00	0.75	1.37E-01	6.97E-01
AC135983.2	-0.17	7.74E-01	1.00E+00	-0.65	1.37E-01	6.97E-01
TENM2	-0.95	7.05E-02	1.00E+00	0.94	1.37E-01	6.97E-01
METTL18	0.46	1.06E-01	1.00E+00	-0.65	1.37E-01	6.97E-01
GOLT1B	0.40	1.35E-01	1.00E+00	-0.46	1.37E-01	6.97E-01
DNAJC28	0.36	3.27E-01	1.00E+00	-0.67	1.37E-01	6.97E-01
AC011365.1	-0.45	8.46E-01	1.00E+00	-1.78	1.37E-01	6.97E-01
S100PBP	-0.05	8.72E-01	1.00E+00	0.44	1.37E-01	6.97E-01
ZNF701	-0.40	2.33E-01	1.00E+00	-0.60	1.37E-01	6.97E-01
RERE	-0.06	8.54E-01	1.00E+00	0.73	1.37E-01	6.97E-01
CHST1	-0.46	5.26E-01	1.00E+00	1.41	1.37E-01	6.97E-01
AC098614.4	-2.94	1.78E-01	1.00E+00	-1.88	1.37E-01	6.97E-01

NLK	-0.21	3.89E-01	1.00E+00	0.77	1.38E-01	6.97E-01
MRTFA	-0.38	9.95E-02	1.00E+00	0.71	1.38E-01	6.97E-01
STK24P1	NA	NA	NA	-1.30	1.38E-01	6.97E-01
PPIAP40	0.54	8.30E-01	1.00E+00	-1.17	1.38E-01	6.97E-01
SCARB2	0.13	5.59E-01	1.00E+00	0.45	1.38E-01	6.97E-01
MACROD2	-0.42	1.71E-01	1.00E+00	-0.67	1.38E-01	6.97E-01
MYO3B	0.60	3.41E-01	1.00E+00	1.14	1.38E-01	6.97E-01
SGK2	2.47	1.27E-01	1.00E+00	-1.35	1.38E-01	6.97E-01
GDF5	0.55	7.39E-01	1.00E+00	1.51	1.38E-01	6.97E-01
CNP	-0.37	2.66E-01	1.00E+00	0.48	1.38E-01	6.97E-01
TEP1	-0.36	2.11E-01	1.00E+00	0.91	1.38E-01	6.97E-01
AC064807.2	-1.05	2.03E-01	1.00E+00	-1.18	1.38E-01	6.97E-01
ANKAR	-0.21	6.48E-01	1.00E+00	-0.83	1.38E-01	6.97E-01
UBE2K	-0.01	9.80E-01	1.00E+00	0.22	1.38E-01	6.97E-01
CAPZA2	0.16	5.41E-01	1.00E+00	-0.51	1.38E-01	6.97E-01
ZNF578	0.30	7.87E-01	1.00E+00	-1.11	1.38E-01	6.97E-01
AC097658.1	-0.19	7.50E-01	1.00E+00	0.67	1.38E-01	6.97E-01
AL353719.1	-2.66	9.13E-02	1.00E+00	-1.35	1.38E-01	6.97E-01
PTGER3	0.63	1.10E-01	1.00E+00	-0.60	1.38E-01	6.97E-01
AL132780.5	0.02	9.96E-01	1.00E+00	-2.52	1.38E-01	6.97E-01
LINC02585	0.91	6.06E-01	1.00E+00	1.44	1.38E-01	6.97E-01
IGLON5	-0.93	2.04E-01	1.00E+00	1.54	1.38E-01	6.97E-01
TDRKH	-0.31	2.96E-01	1.00E+00	-0.42	1.38E-01	6.97E-01
TMEM138	0.01	9.65E-01	1.00E+00	-0.40	1.38E-01	6.97E-01
BDKRB1	0.37	4.62E-01	1.00E+00	0.84	1.38E-01	6.97E-01
ADPRM	-0.04	8.81E-01	1.00E+00	-0.29	1.38E-01	6.97E-01
XLOC_008043	0.37	9.12E-01	1.00E+00	-2.48	1.38E-01	6.97E-01
AP006621.3	-0.29	4.31E-01	1.00E+00	-0.54	1.38E-01	6.97E-01
COX8A	-0.15	4.59E-01	1.00E+00	-0.68	1.38E-01	6.97E-01
AC015871.3	-0.32	4.02E-01	1.00E+00	-0.82	1.38E-01	6.97E-01
CAB39L	0.27	3.24E-01	1.00E+00	-0.50	1.38E-01	6.97E-01
CMTM8	0.46	9.41E-02	1.00E+00	-0.93	1.38E-01	6.98E-01

NPY1R	0.97	1.35E-01	1.00E+00	-0.97	1.39E-01	6.98E-01
DYSF	-0.45	3.47E-01	1.00E+00	0.96	1.39E-01	6.98E-01
IL20RA	0.49	1.39E-01	1.00E+00	-0.77	1.39E-01	6.98E-01
PCDH12	0.55	3.97E-01	1.00E+00	0.91	1.39E-01	6.98E-01
BICRA	-0.61	7.60E-02	1.00E+00	1.10	1.39E-01	6.98E-01
ALG1	0.01	9.63E-01	1.00E+00	0.31	1.39E-01	6.98E-01
RRH	-1.05	6.00E-01	1.00E+00	-2.83	1.39E-01	6.98E-01
PHKB	0.26	4.08E-01	1.00E+00	-0.31	1.39E-01	6.98E-01
AL158163.2	NA	NA	NA	-1.49	1.39E-01	6.98E-01
TMEM100	1.26	4.38E-03	3.74E-01	0.86	1.39E-01	6.98E-01
RTL10	0.10	6.96E-01	1.00E+00	0.36	1.39E-01	6.98E-01
H3F3AP4	0.01	9.87E-01	1.00E+00	-0.59	1.39E-01	6.98E-01
TMEM181	0.18	5.67E-01	1.00E+00	-0.44	1.39E-01	6.98E-01
RTL6	0.37	2.15E-01	1.00E+00	0.82	1.39E-01	6.98E-01
PDAP1	-0.14	4.91E-01	1.00E+00	0.38	1.39E-01	6.98E-01
C15orf39	-0.46	4.48E-02	1.00E+00	0.90	1.39E-01	6.98E-01
WNK2	-0.67	1.39E-02	7.46E-01	-1.04	1.39E-01	6.98E-01
RHPN1-AS1	-0.14	7.94E-01	1.00E+00	1.15	1.39E-01	6.98E-01
AC004846.1	0.98	9.26E-02	1.00E+00	1.12	1.39E-01	6.98E-01
ANKRD65	0.13	8.35E-01	1.00E+00	-0.71	1.39E-01	6.98E-01
ABHD2	0.08	7.65E-01	1.00E+00	0.52	1.39E-01	6.98E-01
GBP1	-0.92	6.91E-02	1.00E+00	0.89	1.39E-01	6.98E-01
HIKESHI	-0.17	4.58E-01	1.00E+00	-0.53	1.39E-01	6.98E-01
AC020658.6	0.34	8.74E-01	1.00E+00	2.41	1.39E-01	6.98E-01
AC018638.1	-3.26	8.51E-02	1.00E+00	1.98	1.39E-01	6.98E-01
FAM110B	-0.03	9.40E-01	1.00E+00	0.59	1.39E-01	6.99E-01
ITGB6	0.24	5.35E-01	1.00E+00	0.87	1.40E-01	6.99E-01
AL034374.1	2.02	2.33E-01	1.00E+00	-1.68	1.40E-01	6.99E-01
TAX1BP1	-0.07	7.52E-01	1.00E+00	-0.36	1.40E-01	7.00E-01
SFXN3	-0.03	9.23E-01	1.00E+00	0.33	1.40E-01	7.00E-01
HTR7	-0.71	1.22E-01	1.00E+00	1.37	1.40E-01	7.00E-01
NCAPH2	-0.19	2.64E-01	1.00E+00	0.23	1.40E-01	7.01E-01

AC112236.1	-0.40	7.78E-01	1.00E+00	1.37	1.40E-01	7.01E-01
AL162596.1	0.81	3.86E-01	1.00E+00	1.03	1.40E-01	7.01E-01
AC073896.2	0.97	4.07E-01	1.00E+00	-1.20	1.40E-01	7.01E-01
EXD3	-0.06	7.92E-01	1.00E+00	0.38	1.40E-01	7.01E-01
ADCY10P1	-0.01	9.85E-01	1.00E+00	0.96	1.40E-01	7.01E-01
C6orf106	0.11	4.56E-01	1.00E+00	0.64	1.40E-01	7.01E-01
PSMC4	-0.18	4.07E-01	1.00E+00	0.25	1.40E-01	7.01E-01
CD79B	0.78	1.03E-01	1.00E+00	0.75	1.40E-01	7.01E-01
C3orf49	1.15	2.64E-01	1.00E+00	-1.16	1.40E-01	7.01E-01
ZNF423	0.18	7.04E-01	1.00E+00	0.65	1.40E-01	7.01E-01
AKR1B1	0.03	9.30E-01	1.00E+00	0.44	1.40E-01	7.01E-01
AC073869.1	0.15	7.48E-01	1.00E+00	0.64	1.40E-01	7.01E-01
UXT	-0.04	8.64E-01	1.00E+00	-0.42	1.41E-01	7.01E-01
TYMSOS	-1.78	4.12E-01	1.00E+00	0.75	1.41E-01	7.01E-01
PMS2	0.24	3.45E-01	1.00E+00	-0.29	1.41E-01	7.01E-01
EXO5	-0.14	6.73E-01	1.00E+00	0.44	1.41E-01	7.01E-01
PLBD2	-0.03	9.16E-01	1.00E+00	0.78	1.41E-01	7.01E-01
ANGPTL6	-1.17	3.08E-01	1.00E+00	1.20	1.41E-01	7.01E-01
MINDY3	0.27	2.15E-01	1.00E+00	-0.36	1.41E-01	7.01E-01
SC5D	-0.05	8.22E-01	1.00E+00	-0.51	1.41E-01	7.01E-01
RASAL2	-0.39	1.35E-01	1.00E+00	0.39	1.41E-01	7.01E-01
ATG4C	0.12	7.25E-01	1.00E+00	-0.46	1.41E-01	7.01E-01
ANXA7	0.04	7.89E-01	1.00E+00	-0.29	1.41E-01	7.01E-01
ANO7	-0.45	4.81E-01	1.00E+00	0.89	1.41E-01	7.01E-01
ZNF571-AS1	-0.31	6.69E-01	1.00E+00	-1.17	1.41E-01	7.01E-01
AIPL1	-3.59	2.87E-01	1.00E+00	2.56	1.41E-01	7.01E-01
MANBA	0.27	3.53E-01	1.00E+00	0.53	1.41E-01	7.01E-01
ADGRV1	-0.52	2.42E-01	1.00E+00	-0.90	1.41E-01	7.01E-01
PIEZO1	-0.03	8.82E-01	1.00E+00	0.87	1.41E-01	7.01E-01
NOP14-AS1	0.18	4.32E-01	1.00E+00	0.27	1.41E-01	7.01E-01
APOE	-0.05	8.98E-01	1.00E+00	1.31	1.41E-01	7.01E-01
MKRN2OS	-0.32	5.00E-01	1.00E+00	-0.75	1.41E-01	7.01E-01

CA5BP1	-0.02	9.39E-01	1.00E+00	0.32	1.41E-01	7.01E-01
LENG8	-0.28	3.48E-01	1.00E+00	1.01	1.41E-01	7.01E-01
TIMM8A	0.12	6.28E-01	1.00E+00	-0.55	1.41E-01	7.01E-01
CRYBB2	-0.29	8.69E-01	1.00E+00	1.91	1.41E-01	7.01E-01
UBALD1	-0.26	3.55E-01	1.00E+00	0.70	1.41E-01	7.01E-01
TMEM56	1.31	2.06E-02	8.94E-01	-1.01	1.41E-01	7.01E-01
VPS9D1-AS1	-1.16	1.35E-01	1.00E+00	1.16	1.41E-01	7.01E-01
KCNK6	-0.09	8.02E-01	1.00E+00	0.70	1.41E-01	7.01E-01
AP001273.1	1.10	2.24E-01	1.00E+00	-1.86	1.41E-01	7.01E-01
ZNF542P	0.33	3.87E-01	1.00E+00	-0.56	1.41E-01	7.01E-01
RTN3	0.05	7.97E-01	1.00E+00	-0.42	1.41E-01	7.01E-01
CAPG	0.02	9.42E-01	1.00E+00	0.45	1.41E-01	7.01E-01
CDKN2B	0.21	5.69E-01	1.00E+00	0.38	1.41E-01	7.01E-01
LRRC2-AS1	0.41	9.04E-01	1.00E+00	-3.32	1.42E-01	7.01E-01
FAM118A	-0.06	8.20E-01	1.00E+00	0.40	1.42E-01	7.01E-01
AL021392.1	-0.81	2.15E-02	8.94E-01	-1.15	1.42E-01	7.01E-01
DNAJC19	-0.07	7.23E-01	1.00E+00	-0.48	1.42E-01	7.01E-01
ALK	0.55	5.99E-01	1.00E+00	1.83	1.42E-01	7.01E-01
PHACTR1	-0.25	4.48E-01	1.00E+00	0.44	1.42E-01	7.01E-01
OLR1	-3.74	1.36E-01	1.00E+00	2.49	1.42E-01	7.01E-01
ZNF852	-0.11	6.93E-01	1.00E+00	-0.56	1.42E-01	7.01E-01
CRIM1	0.16	6.86E-01	1.00E+00	0.55	1.42E-01	7.01E-01
PPP4R3B	0.20	4.53E-01	1.00E+00	-0.23	1.42E-01	7.01E-01
INSYN2	-3.05	2.19E-02	8.96E-01	-1.05	1.42E-01	7.01E-01
PPP1R37	-0.18	5.51E-01	1.00E+00	1.07	1.42E-01	7.01E-01
RNU7-40P	2.04	1.44E-01	1.00E+00	1.57	1.42E-01	7.01E-01
OR7E28P	0.32	7.59E-01	1.00E+00	-1.14	1.42E-01	7.01E-01
ETV3L	-0.33	9.23E-01	1.00E+00	2.85	1.42E-01	7.01E-01
PDE4B	-0.41	3.69E-01	1.00E+00	0.52	1.42E-01	7.01E-01
STK4	0.19	3.46E-01	1.00E+00	0.31	1.42E-01	7.01E-01
DMBT1	-3.84	8.73E-03	5.76E-01	-2.33	1.42E-01	7.01E-01
COX7C	0.12	4.85E-01	1.00E+00	-0.48	1.42E-01	7.01E-01

OR7E47P	-0.47	4.26E-01	1.00E+00	-1.01	1.42E-01	7.01E-01
SBDSP1	-0.09	6.84E-01	1.00E+00	-0.42	1.42E-01	7.01E-01
ERF	-0.56	2.39E-02	9.18E-01	0.94	1.42E-01	7.01E-01
ALG1L10P	-1.53	2.39E-01	1.00E+00	-1.17	1.42E-01	7.01E-01
PLEKHA1	0.33	3.05E-01	1.00E+00	-0.49	1.42E-01	7.01E-01
B3GNT8	0.06	8.53E-01	1.00E+00	0.41	1.42E-01	7.01E-01
CTIF	-0.03	9.38E-01	1.00E+00	0.78	1.42E-01	7.01E-01
SOX21-AS1	-0.35	4.57E-01	1.00E+00	-0.93	1.42E-01	7.01E-01
C6orf89	0.15	4.31E-01	1.00E+00	0.32	1.42E-01	7.02E-01
THAP6	0.52	1.05E-01	1.00E+00	-0.36	1.42E-01	7.02E-01
PHACTR3	0.13	8.31E-01	1.00E+00	-1.03	1.42E-01	7.02E-01
RNF139	0.00	9.96E-01	1.00E+00	-0.39	1.42E-01	7.02E-01
EIF2B3	0.06	7.88E-01	1.00E+00	-0.43	1.42E-01	7.02E-01
AL022724.1	-0.10	9.52E-01	1.00E+00	1.73	1.42E-01	7.02E-01
AL592429.1	0.31	8.08E-01	1.00E+00	1.66	1.42E-01	7.02E-01
MAPK1	0.14	4.94E-01	1.00E+00	-0.51	1.42E-01	7.02E-01
G41001	-2.70	1.87E-01	1.00E+00	1.24	1.42E-01	7.02E-01
DNASE1L3	-0.47	1.27E-01	1.00E+00	0.61	1.43E-01	7.02E-01
MIR497HG	0.89	5.73E-01	1.00E+00	1.10	1.43E-01	7.02E-01
LMO7	0.19	4.59E-01	1.00E+00	0.53	1.43E-01	7.02E-01
VCAM1	0.33	4.69E-01	1.00E+00	0.90	1.43E-01	7.02E-01
VPS4A	-0.01	9.52E-01	1.00E+00	-0.34	1.43E-01	7.02E-01
MAST1	-0.35	3.06E-01	1.00E+00	-0.85	1.43E-01	7.02E-01
PPP1R42	-0.46	8.58E-01	1.00E+00	3.08	1.43E-01	7.02E-01
AL161725.1	-0.08	9.62E-01	1.00E+00	-1.39	1.43E-01	7.02E-01
AC003102.1	-0.06	9.01E-01	1.00E+00	0.64	1.43E-01	7.02E-01
SPPL3	-0.17	5.85E-01	1.00E+00	-0.59	1.43E-01	7.02E-01
SMAD3	0.13	5.56E-01	1.00E+00	0.56	1.43E-01	7.02E-01
DLEU2L	1.52	6.59E-01	1.00E+00	-2.10	1.43E-01	7.02E-01
ASS1	-0.16	5.10E-01	1.00E+00	-0.42	1.43E-01	7.02E-01
AL359762.3	-0.10	9.75E-01	1.00E+00	1.72	1.43E-01	7.02E-01
AC026904.3	-1.38	3.65E-01	1.00E+00	-1.59	1.43E-01	7.02E-01

G25250	0.07	9.44E-01	1.00E+00	1.45	1.43E-01	7.02E-01
PABPC1L	-1.79	6.56E-03	4.90E-01	1.33	1.43E-01	7.02E-01
UNC13A	-1.84	5.55E-01	1.00E+00	2.30	1.43E-01	7.02E-01
LGI2	0.06	9.27E-01	1.00E+00	1.24	1.43E-01	7.02E-01
XCL1	-4.84	1.04E-03	1.67E-01	1.34	1.43E-01	7.02E-01
SIX4	-0.17	8.80E-01	1.00E+00	1.49	1.43E-01	7.02E-01
AL122125.1	-3.47	3.03E-01	1.00E+00	2.06	1.43E-01	7.02E-01
AC005332.1	0.23	9.21E-01	1.00E+00	1.71	1.43E-01	7.02E-01
MYH13	-1.93	4.14E-01	1.00E+00	2.10	1.43E-01	7.02E-01
INCA1	-0.59	2.36E-01	1.00E+00	0.55	1.43E-01	7.02E-01
GPX4	0.30	5.38E-01	1.00E+00	-0.54	1.43E-01	7.02E-01
LILRA1	-1.06	2.13E-01	1.00E+00	1.84	1.43E-01	7.02E-01
MAN2B2	-0.06	8.31E-01	1.00E+00	0.54	1.43E-01	7.02E-01
GOLGA2	-0.12	6.03E-01	1.00E+00	0.58	1.43E-01	7.02E-01
PIGK	0.13	6.06E-01	1.00E+00	-0.49	1.43E-01	7.02E-01
PTGER4	0.34	2.93E-01	1.00E+00	0.69	1.43E-01	7.02E-01
AL731577.2	-0.23	6.61E-01	1.00E+00	1.09	1.44E-01	7.02E-01
HIST1H2BF	-3.23	1.57E-02	7.82E-01	-1.47	1.44E-01	7.03E-01
IDNK	0.18	5.16E-01	1.00E+00	-0.52	1.44E-01	7.03E-01
REC8	-0.61	3.03E-01	1.00E+00	1.09	1.44E-01	7.03E-01
AC127024.8	0.90	7.96E-01	1.00E+00	-1.72	1.44E-01	7.03E-01
ABCA13	-1.00	7.44E-02	1.00E+00	-1.11	1.44E-01	7.03E-01
WDR60	0.15	5.65E-01	1.00E+00	0.47	1.44E-01	7.03E-01
VPS39	0.13	4.03E-01	1.00E+00	0.38	1.44E-01	7.03E-01
LRPAP1	-0.13	5.86E-01	1.00E+00	0.31	1.44E-01	7.03E-01
FAM19A2	-0.19	7.15E-01	1.00E+00	-0.68	1.44E-01	7.03E-01
HNRNPLL	0.00	9.96E-01	1.00E+00	-0.53	1.44E-01	7.03E-01
AL358813.2	0.10	8.87E-01	1.00E+00	1.44	1.44E-01	7.03E-01
GAPLINC	-0.92	6.13E-01	1.00E+00	1.13	1.44E-01	7.03E-01
AC078795.1	0.76	8.20E-01	1.00E+00	1.89	1.44E-01	7.03E-01
ETFA	0.12	5.64E-01	1.00E+00	-0.36	1.44E-01	7.03E-01
AC114763.1	-2.02	7.45E-02	1.00E+00	-0.88	1.44E-01	7.03E-01

CDA	0.12	7.34E-01	1.00E+00	0.58	1.44E-01	7.03E-01
WASF4P	-0.86	7.46E-01	1.00E+00	-0.76	1.44E-01	7.03E-01
UHRF1BP1	0.16	5.79E-01	1.00E+00	0.57	1.44E-01	7.03E-01
XLOC_004201	-1.29	7.00E-01	1.00E+00	1.77	1.44E-01	7.03E-01
C22orf23	-0.24	7.88E-01	1.00E+00	1.16	1.44E-01	7.03E-01
XLOC_006645	-0.76	3.86E-01	1.00E+00	-0.83	1.44E-01	7.03E-01
RNF216P1	0.16	5.38E-01	1.00E+00	0.25	1.44E-01	7.03E-01
AC145207.5	0.10	8.68E-01	1.00E+00	-0.91	1.44E-01	7.03E-01
EFNB2	-0.32	2.30E-01	1.00E+00	-0.59	1.44E-01	7.03E-01
MECR	0.01	9.70E-01	1.00E+00	-0.36	1.44E-01	7.03E-01
LINC01521	0.23	5.93E-01	1.00E+00	1.43	1.44E-01	7.03E-01
EPN1	-0.19	4.66E-01	1.00E+00	0.98	1.44E-01	7.03E-01
MANSC1	-0.09	5.58E-01	1.00E+00	-0.26	1.44E-01	7.03E-01
TNFRSF9	-2.08	7.49E-02	1.00E+00	1.78	1.45E-01	7.03E-01
ADAMTSL4	0.67	2.12E-01	1.00E+00	1.07	1.45E-01	7.03E-01
AL358472.2	1.24	2.11E-01	1.00E+00	-1.21	1.45E-01	7.03E-01
CD36	2.39	5.06E-02	1.00E+00	-1.02	1.45E-01	7.03E-01
MTHFD2L	0.02	9.62E-01	1.00E+00	-0.63	1.45E-01	7.03E-01
AMER2	-1.07	7.49E-01	1.00E+00	-2.24	1.45E-01	7.03E-01
CHPF	-0.31	3.00E-01	1.00E+00	0.77	1.45E-01	7.03E-01
LSM14B	0.01	9.64E-01	1.00E+00	1.00	1.45E-01	7.03E-01
SOX9	-0.06	9.27E-01	1.00E+00	-0.80	1.45E-01	7.03E-01
HOPX	0.49	3.74E-01	1.00E+00	-0.91	1.45E-01	7.03E-01
ZNF720	-0.10	7.03E-01	1.00E+00	-0.31	1.45E-01	7.03E-01
GJB7	-1.17	5.13E-01	1.00E+00	2.28	1.45E-01	7.03E-01
PPIB	-0.12	6.24E-01	1.00E+00	0.32	1.45E-01	7.03E-01
MYLK2	-3.68	7.20E-02	1.00E+00	2.73	1.45E-01	7.03E-01
ZNF517	0.17	5.18E-01	1.00E+00	0.94	1.45E-01	7.03E-01
XLOC_007084	-1.64	3.97E-01	1.00E+00	-2.37	1.45E-01	7.03E-01
LCMT1-AS1	1.79	1.10E-01	1.00E+00	1.03	1.45E-01	7.03E-01
NACC2	0.18	6.67E-01	1.00E+00	0.82	1.45E-01	7.03E-01
AC092794.1	0.59	6.73E-01	1.00E+00	1.40	1.45E-01	7.03E-01

G16424	0.18	9.43E-01	1.00E+00	2.29	1.45E-01	7.03E-01
AC025183.1	-1.11	2.38E-01	1.00E+00	-1.07	1.45E-01	7.04E-01
IL1RAPL1	0.15	8.87E-01	1.00E+00	1.54	1.45E-01	7.04E-01
GRB14	-0.01	9.93E-01	1.00E+00	-0.84	1.45E-01	7.04E-01
XLOC_005254	-0.59	7.39E-01	1.00E+00	-2.11	1.45E-01	7.04E-01
C21orf62-AS1	0.27	5.69E-01	1.00E+00	-0.79	1.45E-01	7.04E-01
COX18	-0.09	7.08E-01	1.00E+00	0.39	1.45E-01	7.04E-01
FRMD3	0.16	7.21E-01	1.00E+00	-0.58	1.45E-01	7.04E-01
PCAT1	-0.04	9.45E-01	1.00E+00	-0.57	1.45E-01	7.04E-01
LSM5	0.16	4.54E-01	1.00E+00	-0.65	1.45E-01	7.04E-01
AC092535.3	0.12	9.59E-01	1.00E+00	-1.60	1.46E-01	7.04E-01
GAB1	-0.11	6.65E-01	1.00E+00	0.46	1.46E-01	7.04E-01
ZMYND11	0.04	8.50E-01	1.00E+00	-0.23	1.46E-01	7.04E-01
SLC16A4	1.14	5.71E-02	1.00E+00	0.77	1.46E-01	7.04E-01
NAV1	-0.18	5.04E-01	1.00E+00	0.61	1.46E-01	7.04E-01
TSGA10	-0.06	8.36E-01	1.00E+00	-0.57	1.46E-01	7.04E-01
SP8	0.02	9.77E-01	1.00E+00	-1.45	1.46E-01	7.04E-01
XLOC_008855	-0.69	5.76E-01	1.00E+00	1.53	1.46E-01	7.04E-01
NDUFAF7	0.22	3.95E-01	1.00E+00	-0.37	1.46E-01	7.04E-01
SFN	-0.40	3.94E-01	1.00E+00	0.97	1.46E-01	7.04E-01
GPR89B	-0.28	4.74E-01	1.00E+00	-0.30	1.46E-01	7.04E-01
UQCR11	-0.07	7.74E-01	1.00E+00	-0.68	1.46E-01	7.04E-01
IPPK	-0.27	5.10E-01	1.00E+00	0.51	1.46E-01	7.04E-01
MIXL1	0.44	8.39E-01	1.00E+00	0.84	1.46E-01	7.04E-01
LY96	0.19	7.45E-01	1.00E+00	0.60	1.46E-01	7.04E-01
CFAP45	-1.00	7.34E-02	1.00E+00	-0.65	1.46E-01	7.04E-01
SLC10A7	0.14	5.84E-01	1.00E+00	0.43	1.46E-01	7.04E-01
GIGYF1	-0.21	3.13E-01	1.00E+00	0.79	1.46E-01	7.04E-01
MRPL17	-0.12	5.66E-01	1.00E+00	0.27	1.46E-01	7.04E-01
FBXW2	0.30	1.24E-01	1.00E+00	0.19	1.46E-01	7.04E-01
XLOC_012338	2.68	4.27E-01	1.00E+00	2.10	1.46E-01	7.04E-01
HIST1H3B	-0.59	7.51E-01	1.00E+00	-1.63	1.46E-01	7.04E-01

SOX5	-0.26	3.96E-01	1.00E+00	-0.55	1.46E-01	7.04E-01
SESN1	0.30	3.22E-01	1.00E+00	-0.50	1.46E-01	7.04E-01
G42257	-1.04	3.93E-01	1.00E+00	-1.69	1.46E-01	7.04E-01
LINC02550	0.45	8.39E-01	1.00E+00	1.89	1.46E-01	7.04E-01
ZNF557	-0.12	7.39E-01	1.00E+00	-0.47	1.47E-01	7.04E-01
U62317.2	-0.19	8.10E-01	1.00E+00	1.00	1.47E-01	7.04E-01
MVB12B	-0.04	8.90E-01	1.00E+00	0.89	1.47E-01	7.04E-01
AC006504.1	-2.07	2.10E-01	1.00E+00	-1.78	1.47E-01	7.04E-01
AC112484.3	0.21	8.96E-01	1.00E+00	1.90	1.47E-01	7.04E-01
TMEM42	0.42	1.37E-01	1.00E+00	-0.53	1.47E-01	7.04E-01
IPMK	0.16	6.47E-01	1.00E+00	-0.59	1.47E-01	7.04E-01
CADM3	0.65	1.71E-01	1.00E+00	0.98	1.47E-01	7.04E-01
LINC00299	2.88	2.59E-01	1.00E+00	1.80	1.47E-01	7.04E-01
AC026250.1	1.07	2.78E-01	1.00E+00	1.60	1.47E-01	7.04E-01
SMIM30	-0.04	8.65E-01	1.00E+00	-0.51	1.47E-01	7.04E-01
SERINC2	-0.04	9.01E-01	1.00E+00	0.53	1.47E-01	7.04E-01
AC093599.1	-0.02	9.96E-01	1.00E+00	2.07	1.47E-01	7.04E-01
GDF6	2.09	4.12E-02	1.00E+00	2.48	1.47E-01	7.04E-01
CD300C	-0.91	1.87E-01	1.00E+00	1.00	1.47E-01	7.04E-01
ZZEF1	0.15	5.79E-01	1.00E+00	0.86	1.47E-01	7.04E-01
MMAA	0.09	7.35E-01	1.00E+00	-0.36	1.47E-01	7.04E-01
AC104461.1	0.43	9.01E-01	1.00E+00	1.95	1.47E-01	7.04E-01
RPS6KA6	0.31	3.64E-01	1.00E+00	-0.84	1.47E-01	7.04E-01
LINC02210	0.22	5.09E-01	1.00E+00	-0.41	1.47E-01	7.04E-01
PRRG2	-0.18	6.54E-01	1.00E+00	0.63	1.47E-01	7.04E-01
PLOD3	-0.13	6.15E-01	1.00E+00	0.64	1.47E-01	7.04E-01
ABCF1	-0.15	5.15E-01	1.00E+00	0.42	1.47E-01	7.04E-01
BCL2A1	-0.25	7.17E-01	1.00E+00	0.92	1.47E-01	7.04E-01
ODR4	0.06	8.32E-01	1.00E+00	-0.48	1.47E-01	7.04E-01
ATL2	0.01	9.63E-01	1.00E+00	-0.35	1.47E-01	7.04E-01
LGI1	1.32	1.37E-01	1.00E+00	1.39	1.47E-01	7.04E-01
PTPN23	-0.33	1.37E-01	1.00E+00	0.86	1.47E-01	7.04E-01

OAS3	0.11	8.70E-01	1.00E+00	1.05	1.47E-01	7.04E-01
P2RY11	-0.70	2.39E-03	2.47E-01	0.64	1.47E-01	7.04E-01
RAB3C	-0.23	8.10E-01	1.00E+00	1.10	1.47E-01	7.04E-01
MGAM	-2.15	8.82E-02	1.00E+00	2.38	1.47E-01	7.04E-01
LINC01003	0.28	3.80E-01	1.00E+00	-1.10	1.47E-01	7.04E-01
G27121	1.18	2.06E-01	1.00E+00	-1.01	1.48E-01	7.04E-01
PPP1R36	0.34	3.91E-01	1.00E+00	-0.86	1.48E-01	7.04E-01
FCN3	0.42	5.61E-01	1.00E+00	1.42	1.48E-01	7.04E-01
ACE2	0.13	9.69E-01	1.00E+00	1.42	1.48E-01	7.04E-01
TRBV29-1	1.37	4.41E-01	1.00E+00	1.88	1.48E-01	7.04E-01
OPN1SW	0.16	7.51E-01	1.00E+00	0.56	1.48E-01	7.04E-01
ZNF395	0.24	4.38E-01	1.00E+00	0.42	1.48E-01	7.04E-01
G8455	0.59	5.13E-01	1.00E+00	2.13	1.48E-01	7.04E-01
NPW	-1.45	3.27E-03	3.02E-01	-0.81	1.48E-01	7.04E-01
OR51E2	-0.80	3.85E-01	1.00E+00	1.42	1.48E-01	7.04E-01
TRMT11	0.95	2.40E-02	9.18E-01	-0.52	1.48E-01	7.04E-01
CTSO	0.16	6.08E-01	1.00E+00	0.37	1.48E-01	7.04E-01
PGGHG	0.38	4.20E-01	1.00E+00	1.35	1.48E-01	7.04E-01
SYCP2L	-0.66	7.70E-01	1.00E+00	2.32	1.48E-01	7.04E-01
NDUFC1	-0.02	9.28E-01	1.00E+00	-0.68	1.48E-01	7.04E-01
KCNE4	-0.07	8.42E-01	1.00E+00	0.79	1.48E-01	7.04E-01
AC093616.1	2.12	4.84E-05	1.30E-02	0.82	1.48E-01	7.04E-01
OCIAD1	-0.04	7.34E-01	1.00E+00	-0.25	1.48E-01	7.04E-01
ZNRF3-AS1	-2.15	5.30E-01	1.00E+00	-2.10	1.48E-01	7.04E-01
GTF2I	-0.27	1.97E-01	1.00E+00	-0.51	1.48E-01	7.04E-01
SPATA41	-0.73	5.81E-01	1.00E+00	2.82	1.48E-01	7.04E-01
TMEM220	0.02	9.55E-01	1.00E+00	-0.60	1.48E-01	7.04E-01
SP140	-0.22	7.48E-01	1.00E+00	1.17	1.48E-01	7.04E-01
LTBP1	0.31	4.66E-01	1.00E+00	0.71	1.48E-01	7.04E-01
STK25P1	1.52	3.68E-01	1.00E+00	1.99	1.48E-01	7.04E-01
GRSF1	0.00	9.89E-01	1.00E+00	-0.36	1.48E-01	7.04E-01
HIST2H2BE	-0.54	2.52E-01	1.00E+00	0.50	1.48E-01	7.04E-01

BEX4	-0.03	8.97E-01	1.00E+00	-0.39	1.48E-01	7.04E-01
TMEM173	-0.17	6.47E-01	1.00E+00	0.63	1.48E-01	7.04E-01
ACP4	0.83	3.54E-01	1.00E+00	-1.73	1.48E-01	7.04E-01
AC116347.1	-0.56	8.73E-01	1.00E+00	1.11	1.48E-01	7.04E-01
SLC25A11	-0.08	6.52E-01	1.00E+00	-0.32	1.48E-01	7.04E-01
PWWP2A	-0.20	5.01E-01	1.00E+00	-0.60	1.48E-01	7.04E-01
NLRC5	-0.42	2.64E-01	1.00E+00	0.84	1.48E-01	7.04E-01
FOXF2	-0.13	7.61E-01	1.00E+00	1.18	1.48E-01	7.04E-01
AKNAD1	0.00	1.00E+00	1.00E+00	0.96	1.48E-01	7.04E-01
C5orf30	-0.05	8.79E-01	1.00E+00	-0.51	1.48E-01	7.04E-01
AC021086.1	1.78	2.32E-01	1.00E+00	-1.38	1.48E-01	7.04E-01
SULT1A1	0.83	2.69E-01	1.00E+00	0.63	1.48E-01	7.04E-01
FAM3B	-0.25	7.15E-01	1.00E+00	-0.99	1.48E-01	7.04E-01
PKD1	-0.22	4.90E-01	1.00E+00	1.04	1.49E-01	7.05E-01
SOX12	-0.19	4.90E-01	1.00E+00	1.02	1.49E-01	7.05E-01
G39379	0.19	8.38E-01	1.00E+00	-1.68	1.49E-01	7.05E-01
P2RY10	-0.47	6.02E-01	1.00E+00	1.17	1.49E-01	7.05E-01
GPANK1	-0.07	6.82E-01	1.00E+00	0.23	1.49E-01	7.05E-01
DSCAM	-2.86	1.09E-01	1.00E+00	1.99	1.49E-01	7.05E-01
XLOC_004362	-1.44	1.39E-01	1.00E+00	1.62	1.49E-01	7.05E-01
TMEM14A	0.22	4.68E-01	1.00E+00	-0.63	1.49E-01	7.05E-01
TMPRSS7	1.36	1.21E-01	1.00E+00	-1.34	1.49E-01	7.05E-01
RP11-435B5.5	-1.83	3.70E-01	1.00E+00	-1.01	1.49E-01	7.05E-01
ME1	0.32	3.76E-01	1.00E+00	-0.56	1.49E-01	7.05E-01
UMAD1	0.10	7.60E-01	1.00E+00	-0.45	1.49E-01	7.05E-01
EIF3EP1	-0.56	2.09E-01	1.00E+00	-0.64	1.49E-01	7.05E-01
AP000438.1	2.44	3.93E-01	1.00E+00	-1.83	1.49E-01	7.05E-01
AK4P3	-1.35	4.91E-01	1.00E+00	-0.82	1.49E-01	7.06E-01
HAGH	0.08	6.76E-01	1.00E+00	-0.28	1.49E-01	7.06E-01
FAM185A	0.27	2.60E-01	1.00E+00	-0.49	1.49E-01	7.06E-01
RPS11	-0.20	4.53E-01	1.00E+00	0.46	1.49E-01	7.06E-01
HNRNPMP1	-1.25	7.14E-01	1.00E+00	3.31	1.49E-01	7.06E-01

TMUB2	0.06	7.51E-01	1.00E+00	0.24	1.49E-01	7.06E-01
FNBP4	-0.14	6.10E-01	1.00E+00	0.38	1.49E-01	7.06E-01
HNRNPA1	-0.03	8.48E-01	1.00E+00	0.40	1.49E-01	7.06E-01
B4GALT6	0.08	8.50E-01	1.00E+00	-0.78	1.50E-01	7.06E-01
SLC48A1	0.08	6.73E-01	1.00E+00	-0.38	1.50E-01	7.06E-01
AC074386.1	3.11	1.16E-02	6.66E-01	-0.89	1.50E-01	7.06E-01
STX3	0.09	6.95E-01	1.00E+00	0.49	1.50E-01	7.06E-01
TMEM255B	0.41	2.30E-01	1.00E+00	0.66	1.50E-01	7.07E-01
AC078788.1	-1.26	7.16E-01	1.00E+00	-2.92	1.50E-01	7.07E-01
DHCR24	-0.05	9.00E-01	1.00E+00	-0.45	1.50E-01	7.07E-01
EPHA2	-0.49	2.88E-01	1.00E+00	0.79	1.50E-01	7.07E-01
TVP23B	0.41	1.22E-01	1.00E+00	-0.38	1.50E-01	7.07E-01
SIRPG	-1.65	1.48E-01	1.00E+00	1.47	1.50E-01	7.08E-01
CCDC7	-0.07	9.26E-01	1.00E+00	-0.62	1.50E-01	7.08E-01
PIBF1	-0.12	6.43E-01	1.00E+00	-0.45	1.50E-01	7.08E-01
GPD1	4.35	2.49E-03	2.54E-01	-1.43	1.50E-01	7.08E-01
SPCS1	0.00	9.73E-01	1.00E+00	-0.44	1.50E-01	7.08E-01
MSMO1	0.01	9.85E-01	1.00E+00	-0.67	1.50E-01	7.08E-01
FAM83H	-0.40	3.30E-01	1.00E+00	1.09	1.50E-01	7.08E-01
IRF5	-0.48	2.00E-01	1.00E+00	0.66	1.50E-01	7.08E-01
GOLGA8R	0.57	4.52E-01	1.00E+00	1.51	1.50E-01	7.08E-01
G12854	-2.82	1.84E-01	1.00E+00	2.50	1.50E-01	7.08E-01
NMRAL1	-0.06	7.80E-01	1.00E+00	0.27	1.50E-01	7.08E-01
TRAF7	-0.26	3.32E-01	1.00E+00	0.66	1.50E-01	7.08E-01
AC136628.3	0.48	5.18E-01	1.00E+00	1.64	1.50E-01	7.08E-01
CAMK4	-0.91	1.01E-01	1.00E+00	1.18	1.50E-01	7.08E-01
GPATCH2L	0.16	4.73E-01	1.00E+00	0.25	1.50E-01	7.08E-01
AC124016.1	-2.42	2.22E-01	1.00E+00	-1.12	1.51E-01	7.08E-01
MYOF	-0.26	2.26E-01	1.00E+00	0.55	1.51E-01	7.08E-01
KBTBD8	0.63	2.77E-01	1.00E+00	1.09	1.51E-01	7.08E-01
G5142	1.30	1.70E-01	1.00E+00	-0.92	1.51E-01	7.08E-01
PLEKHM3	0.06	7.88E-01	1.00E+00	0.36	1.51E-01	7.08E-01

CX3CR1	0.20	7.56E-01	1.00E+00	0.82	1.51E-01	7.09E-01
BAHCC1	-0.67	4.83E-02	1.00E+00	1.08	1.51E-01	7.09E-01
U3	0.46	5.89E-01	1.00E+00	-0.54	1.51E-01	7.09E-01
EPB41L3	-0.02	9.24E-01	1.00E+00	0.81	1.51E-01	7.09E-01
MRPS31P5	-0.73	7.91E-01	1.00E+00	-1.23	1.51E-01	7.09E-01
Z97633.1	-0.84	2.43E-01	1.00E+00	1.15	1.51E-01	7.09E-01
CCDC171	-0.29	3.30E-01	1.00E+00	-0.45	1.51E-01	7.09E-01
TCTE1	-0.10	8.99E-01	1.00E+00	1.72	1.51E-01	7.09E-01
DYNLRB2	-0.38	4.30E-01	1.00E+00	-0.83	1.51E-01	7.09E-01
VPS35	0.07	6.88E-01	1.00E+00	-0.28	1.51E-01	7.09E-01
NEURL4	-0.37	1.22E-01	1.00E+00	1.04	1.51E-01	7.09E-01
GALNT2	0.15	5.70E-01	1.00E+00	0.66	1.51E-01	7.09E-01
ASF1A	0.05	8.63E-01	1.00E+00	-0.66	1.51E-01	7.09E-01
ZNF385A	-0.41	2.52E-01	1.00E+00	0.48	1.51E-01	7.09E-01
SPDEF	-0.07	9.57E-01	1.00E+00	-1.17	1.51E-01	7.09E-01
HMGB1	-0.01	9.80E-01	1.00E+00	-0.29	1.51E-01	7.09E-01
NAP1L1P1	-1.33	4.77E-01	1.00E+00	-1.54	1.52E-01	7.10E-01
NFIA	0.40	1.95E-01	1.00E+00	-0.63	1.52E-01	7.10E-01
ABCC1	-0.37	2.93E-02	9.91E-01	0.79	1.52E-01	7.10E-01
CYP2D7	-0.54	6.20E-01	1.00E+00	1.70	1.52E-01	7.10E-01
EPO	0.37	7.25E-01	1.00E+00	1.90	1.52E-01	7.10E-01
TRMT1	-0.20	4.55E-01	1.00E+00	0.33	1.52E-01	7.11E-01
TRIM33	0.18	5.05E-01	1.00E+00	-0.40	1.52E-01	7.11E-01
RB1-DT	0.66	4.79E-01	1.00E+00	-1.47	1.52E-01	7.11E-01
CAVIN2	0.95	1.38E-01	1.00E+00	-0.84	1.52E-01	7.11E-01
GCLM	-0.09	8.08E-01	1.00E+00	-0.67	1.52E-01	7.11E-01
TMEM140	0.57	2.57E-01	1.00E+00	0.73	1.52E-01	7.11E-01
CRYZL1	0.21	2.18E-01	1.00E+00	-0.57	1.52E-01	7.11E-01
G2580	1.22	4.71E-01	1.00E+00	2.01	1.52E-01	7.11E-01
PLEKHM2	-0.33	1.77E-01	1.00E+00	0.71	1.52E-01	7.11E-01
GSTM2	0.61	1.63E-01	1.00E+00	-0.63	1.52E-01	7.11E-01
AC010615.1	-2.12	1.65E-01	1.00E+00	1.19	1.52E-01	7.11E-01

AL096869.2	-1.18	7.27E-01	1.00E+00	1.60	1.52E-01	7.11E-01
G15374	0.29	7.44E-01	1.00E+00	-1.01	1.52E-01	7.11E-01
SH2D2A	-1.58	1.47E-02	7.61E-01	1.42	1.52E-01	7.11E-01
AL359198.1	NA	NA	NA	-1.90	1.53E-01	7.11E-01
AC090948.1	0.38	8.45E-01	1.00E+00	1.63	1.53E-01	7.11E-01
AP006623.1	-0.38	6.36E-01	1.00E+00	1.51	1.53E-01	7.11E-01
MAML1	-0.16	4.92E-01	1.00E+00	0.63	1.53E-01	7.11E-01
G26897	-0.19	7.00E-01	1.00E+00	-1.12	1.53E-01	7.11E-01
WIF1	1.92	3.93E-04	8.21E-02	1.32	1.53E-01	7.11E-01
BRI3BP	0.05	8.35E-01	1.00E+00	-0.50	1.53E-01	7.11E-01
MGC12916	-0.58	2.99E-01	1.00E+00	1.89	1.53E-01	7.11E-01
ACAT1	0.30	2.15E-01	1.00E+00	-0.60	1.53E-01	7.11E-01
CREB3L4	0.08	8.53E-01	1.00E+00	-0.45	1.53E-01	7.11E-01
ILKAP	0.17	4.74E-01	1.00E+00	-0.27	1.53E-01	7.11E-01
CDH26	0.87	2.76E-01	1.00E+00	1.04	1.53E-01	7.11E-01
DPP3	-0.31	1.25E-01	1.00E+00	0.31	1.53E-01	7.11E-01
VWCE	0.90	1.53E-01	1.00E+00	1.70	1.53E-01	7.11E-01
WDR1	-0.13	3.33E-01	1.00E+00	0.42	1.53E-01	7.12E-01
MED8	0.06	8.21E-01	1.00E+00	0.25	1.53E-01	7.13E-01
AL158823.1	-0.56	8.73E-01	1.00E+00	-0.94	1.53E-01	7.13E-01
GCFC2	-0.10	6.94E-01	1.00E+00	-0.39	1.53E-01	7.13E-01
ZBED6	0.08	9.51E-01	1.00E+00	1.19	1.53E-01	7.13E-01
GPAT3	0.50	3.12E-01	1.00E+00	-0.57	1.53E-01	7.13E-01
AL035446.1	1.00	6.74E-01	1.00E+00	-1.40	1.53E-01	7.13E-01
TRIML2	-0.67	8.48E-01	1.00E+00	3.21	1.53E-01	7.13E-01
AL359183.1	0.93	4.36E-01	1.00E+00	1.33	1.53E-01	7.13E-01
OSBPL7	0.30	5.74E-01	1.00E+00	1.39	1.53E-01	7.13E-01
MAP1LC3A	0.03	9.30E-01	1.00E+00	0.36	1.54E-01	7.13E-01
KLHL14	-0.32	7.34E-01	1.00E+00	-1.83	1.54E-01	7.13E-01
XLOC_007617	-2.19	2.54E-02	9.29E-01	2.80	1.54E-01	7.13E-01
AC009509.4	-0.63	7.19E-01	1.00E+00	1.91	1.54E-01	7.13E-01
MTERF3	0.22	4.73E-01	1.00E+00	-0.47	1.54E-01	7.13E-01

MOB3B	0.23	2.70E-01	1.00E+00	0.32	1.54E-01	7.13E-01
CSMD1	0.66	4.72E-01	1.00E+00	-1.10	1.54E-01	7.13E-01
YAE1	0.10	5.83E-01	1.00E+00	-0.51	1.54E-01	7.13E-01
DUSP16	-0.02	9.20E-01	1.00E+00	0.61	1.54E-01	7.13E-01
AL603766.1	NA	NA	NA	-1.17	1.54E-01	7.13E-01
TMEM168	0.11	7.44E-01	1.00E+00	-0.57	1.54E-01	7.13E-01
CLDND1	0.61	3.55E-02	1.00E+00	-0.71	1.54E-01	7.14E-01
ERLIN2	0.07	7.30E-01	1.00E+00	0.53	1.54E-01	7.14E-01
XLOC_005247	0.29	3.99E-01	1.00E+00	0.78	1.54E-01	7.14E-01
COPS2	0.05	8.25E-01	1.00E+00	0.25	1.54E-01	7.14E-01
METTL25	0.10	7.56E-01	1.00E+00	-0.49	1.54E-01	7.14E-01
RGL1	0.18	5.62E-01	1.00E+00	0.67	1.54E-01	7.14E-01
ELF5	0.31	7.04E-01	1.00E+00	-0.87	1.54E-01	7.14E-01
LINC01915	1.14	2.93E-01	1.00E+00	1.17	1.54E-01	7.14E-01
AC005674.1	-1.31	4.55E-01	1.00E+00	1.75	1.54E-01	7.14E-01
ZNF576	-0.09	7.40E-01	1.00E+00	-0.33	1.54E-01	7.14E-01
CLCN3	0.15	5.33E-01	1.00E+00	0.32	1.54E-01	7.14E-01
UPK2	-2.94	1.67E-02	8.12E-01	-1.49	1.55E-01	7.14E-01
PABPC1	-0.17	5.12E-01	1.00E+00	0.46	1.55E-01	7.14E-01
LINC00893	0.45	7.66E-01	1.00E+00	1.07	1.55E-01	7.14E-01
EPHA10	-1.26	5.09E-02	1.00E+00	1.60	1.55E-01	7.14E-01
MATR3	-0.04	8.13E-01	1.00E+00	-0.22	1.55E-01	7.14E-01
AC008663.1	-0.93	7.88E-01	1.00E+00	2.27	1.55E-01	7.14E-01
XLOC_003077	-1.16	6.46E-01	1.00E+00	-1.64	1.55E-01	7.14E-01
FAM155A	-0.64	3.97E-01	1.00E+00	1.06	1.55E-01	7.14E-01
PHF11	0.21	5.39E-01	1.00E+00	0.35	1.55E-01	7.14E-01
GARS	-0.29	2.06E-01	1.00E+00	0.23	1.55E-01	7.14E-01
SCARF2	-0.36	4.52E-01	1.00E+00	1.28	1.55E-01	7.14E-01
DNAJC1	0.05	8.01E-01	1.00E+00	0.27	1.55E-01	7.15E-01
IQSEC1	-0.03	9.22E-01	1.00E+00	0.72	1.55E-01	7.15E-01
CCBE1	0.69	5.50E-02	1.00E+00	0.68	1.55E-01	7.15E-01
GBE1	0.39	1.65E-01	1.00E+00	-0.57	1.55E-01	7.15E-01

HIST1H2AE	-2.08	1.48E-03	2.09E-01	-1.04	1.55E-01	7.15E-01
LINC00562	-3.69	2.90E-02	9.88E-01	1.57	1.55E-01	7.15E-01
TRAV27	1.08	7.51E-01	1.00E+00	2.26	1.55E-01	7.15E-01
NUDT4B	1.14	2.67E-01	1.00E+00	-1.04	1.55E-01	7.15E-01
EIF3FP3	-1.92	1.47E-03	2.09E-01	-0.59	1.55E-01	7.15E-01
AL513497.1	-0.19	8.42E-01	1.00E+00	1.38	1.55E-01	7.15E-01
ZNF365	0.09	8.97E-01	1.00E+00	1.06	1.55E-01	7.15E-01
NR1I2	-0.39	9.09E-01	1.00E+00	2.02	1.55E-01	7.15E-01
HAPLN3	-1.04	3.20E-03	2.97E-01	1.04	1.55E-01	7.15E-01
MGAT4A	0.10	7.22E-01	1.00E+00	0.58	1.56E-01	7.16E-01
CDHR2	-2.97	4.03E-03	3.54E-01	1.85	1.56E-01	7.16E-01
AL031846.2	1.63	2.33E-01	1.00E+00	2.21	1.56E-01	7.16E-01
CLEC12A-AS1	-3.24	2.22E-01	1.00E+00	2.51	1.56E-01	7.16E-01
CLCN2	-0.70	4.12E-02	1.00E+00	-1.70	1.56E-01	7.16E-01
SPAG16	0.05	8.35E-01	1.00E+00	-0.62	1.56E-01	7.16E-01
AC016582.2	-0.28	8.84E-01	1.00E+00	-0.76	1.56E-01	7.16E-01
AHCYL2	-0.07	7.80E-01	1.00E+00	-0.83	1.56E-01	7.16E-01
FDXACB1	0.07	9.13E-01	1.00E+00	-0.70	1.56E-01	7.16E-01
ZNF540	0.11	9.09E-01	1.00E+00	-0.81	1.56E-01	7.16E-01
AL591686.1	3.33	9.19E-02	1.00E+00	-1.73	1.56E-01	7.16E-01
DFFB	-0.60	2.06E-01	1.00E+00	0.60	1.56E-01	7.16E-01
KCTD3	0.09	6.30E-01	1.00E+00	-0.57	1.56E-01	7.16E-01
LDLRAD3	-0.21	4.43E-01	1.00E+00	-0.33	1.56E-01	7.16E-01
AC006213.1	-1.77	3.75E-01	1.00E+00	-2.02	1.56E-01	7.16E-01
AC105074.1	1.85	1.57E-01	1.00E+00	-2.31	1.56E-01	7.16E-01
TBP	-0.03	9.13E-01	1.00E+00	-0.42	1.56E-01	7.16E-01
AC087286.2	1.58	4.68E-01	1.00E+00	-0.80	1.56E-01	7.16E-01
XLOC_002133	0.22	6.79E-01	1.00E+00	0.41	1.56E-01	7.16E-01
CHST6	-0.43	5.82E-01	1.00E+00	1.71	1.56E-01	7.16E-01
AL022345.4	0.59	6.91E-01	1.00E+00	-1.14	1.56E-01	7.16E-01
XLOC_002197	2.32	4.97E-01	1.00E+00	-1.59	1.56E-01	7.16E-01
WASH8P	-0.15	7.16E-01	1.00E+00	0.65	1.56E-01	7.16E-01

DGCR6	0.82	9.24E-02	1.00E+00	-0.60	1.56E-01	7.16E-01
G20595	-0.70	7.55E-01	1.00E+00	1.97	1.56E-01	7.16E-01
LINC01137	0.28	2.78E-01	1.00E+00	0.51	1.56E-01	7.16E-01
AL645608.7	-1.32	2.01E-01	1.00E+00	1.71	1.56E-01	7.16E-01
CNKSR2	0.36	4.97E-01	1.00E+00	-0.82	1.56E-01	7.16E-01
MSX2	-0.20	6.57E-01	1.00E+00	-0.92	1.56E-01	7.16E-01
G35671	0.10	9.28E-01	1.00E+00	-1.56	1.56E-01	7.16E-01
ZBTB5	0.09	7.55E-01	1.00E+00	0.54	1.56E-01	7.16E-01
AGAP1	-0.12	7.64E-01	1.00E+00	0.73	1.56E-01	7.16E-01
XLOC_005972	1.18	6.13E-01	1.00E+00	-2.07	1.56E-01	7.16E-01
AC016405.3	-0.88	4.80E-01	1.00E+00	-0.97	1.56E-01	7.16E-01
ACOT2	0.52	3.47E-01	1.00E+00	-0.59	1.56E-01	7.16E-01
PDE7A	0.18	5.49E-01	1.00E+00	0.68	1.57E-01	7.16E-01
E2F3	-0.07	8.29E-01	1.00E+00	0.84	1.57E-01	7.16E-01
PKLR	-0.64	5.38E-01	1.00E+00	-1.68	1.57E-01	7.16E-01
GPR31	-0.88	7.19E-01	1.00E+00	2.29	1.57E-01	7.16E-01
FOXD3-AS1	0.31	6.55E-01	1.00E+00	-0.68	1.57E-01	7.16E-01
GEMIN8P4	-0.32	6.27E-01	1.00E+00	0.83	1.57E-01	7.16E-01
HERC6	-0.27	7.12E-01	1.00E+00	0.85	1.57E-01	7.16E-01
MEX3D	-0.29	2.71E-01	1.00E+00	1.02	1.57E-01	7.16E-01
MYHAS	2.97	1.50E-01	1.00E+00	1.73	1.57E-01	7.16E-01
KIAA1191	0.00	9.98E-01	1.00E+00	-0.24	1.57E-01	7.16E-01
SUGT1	0.13	5.96E-01	1.00E+00	-0.32	1.57E-01	7.16E-01
SPOCK2	-0.26	5.78E-01	1.00E+00	1.34	1.57E-01	7.16E-01
PLEKHM1	-0.06	7.81E-01	1.00E+00	0.76	1.57E-01	7.16E-01
SLC37A1	-0.10	5.67E-01	1.00E+00	0.61	1.57E-01	7.16E-01
G24466	0.83	6.05E-01	1.00E+00	-1.29	1.57E-01	7.16E-01
ABCD2	2.44	2.44E-02	9.22E-01	-1.21	1.57E-01	7.16E-01
HLA-A	-0.18	5.95E-01	1.00E+00	0.73	1.57E-01	7.16E-01
SF3B2	-0.25	1.82E-01	1.00E+00	0.34	1.57E-01	7.16E-01
MED7	0.10	6.51E-01	1.00E+00	-0.56	1.57E-01	7.16E-01
THOC5	0.22	2.47E-01	1.00E+00	0.24	1.57E-01	7.16E-01

MRPS23	0.05	7.14E-01	1.00E+00	0.28	1.57E-01	7.16E-01
MEIOC	-0.03	9.72E-01	1.00E+00	-1.37	1.57E-01	7.16E-01
TMEM18	0.26	2.61E-01	1.00E+00	-0.31	1.57E-01	7.16E-01
ELL2P1	1.24	6.28E-01	1.00E+00	0.92	1.57E-01	7.16E-01
STKLD1	-0.17	6.67E-01	1.00E+00	-0.79	1.57E-01	7.16E-01
PRSS36	-0.04	9.34E-01	1.00E+00	0.53	1.57E-01	7.16E-01
NOTCH2	0.25	2.90E-01	1.00E+00	0.55	1.57E-01	7.16E-01
PROC	-0.49	6.84E-01	1.00E+00	1.43	1.57E-01	7.16E-01
AC032011.1	-4.45	1.99E-01	1.00E+00	-2.42	1.57E-01	7.16E-01
NDST2	-1.02	6.68E-01	1.00E+00	-1.21	1.57E-01	7.16E-01
ZNF429	0.24	4.65E-01	1.00E+00	-0.57	1.57E-01	7.16E-01
UPF3AP1	-0.03	9.87E-01	1.00E+00	-0.67	1.57E-01	7.16E-01
AC023886.2	1.48	6.66E-01	1.00E+00	-0.92	1.57E-01	7.16E-01
RIPK2	-0.01	9.66E-01	1.00E+00	0.33	1.57E-01	7.16E-01
NCR3	-0.61	3.77E-01	1.00E+00	1.28	1.58E-01	7.16E-01
ZC3H12D	-0.31	6.14E-01	1.00E+00	1.51	1.58E-01	7.16E-01
AC079921.2	-2.57	9.04E-02	1.00E+00	1.63	1.58E-01	7.16E-01
MIR200CHG	0.21	4.32E-01	1.00E+00	-0.95	1.58E-01	7.16E-01
OPRL1	0.39	3.79E-01	1.00E+00	1.14	1.58E-01	7.16E-01
WDTC1	-0.14	3.17E-01	1.00E+00	0.76	1.58E-01	7.16E-01
MT-TM	NA	NA	NA	-1.05	1.58E-01	7.16E-01
G39546	0.50	8.74E-01	1.00E+00	-1.79	1.58E-01	7.16E-01
HBEGF	-1.30	4.81E-02	1.00E+00	0.77	1.58E-01	7.16E-01
LRRC59	-0.38	1.46E-02	7.60E-01	0.38	1.58E-01	7.16E-01
AL031714.1	0.65	3.52E-01	1.00E+00	1.59	1.58E-01	7.17E-01
INTS10	0.08	6.40E-01	1.00E+00	-0.22	1.58E-01	7.17E-01
PRIM1	-0.09	7.29E-01	1.00E+00	-0.40	1.58E-01	7.17E-01
EEF1GP2	-0.48	7.13E-01	1.00E+00	-1.96	1.58E-01	7.17E-01
AP001486.2	0.14	6.69E-01	1.00E+00	-0.63	1.58E-01	7.17E-01
AC138356.1	2.04	4.68E-02	1.00E+00	-0.96	1.58E-01	7.17E-01
SAA1	0.67	4.26E-01	1.00E+00	-1.32	1.58E-01	7.17E-01
SLC25A3	0.05	8.58E-01	1.00E+00	-0.17	1.58E-01	7.17E-01

ITM2C	0.11	7.54E-01	1.00E+00	0.45	1.58E-01	7.17E-01
ZNF181	0.42	1.44E-01	1.00E+00	-0.52	1.58E-01	7.17E-01
DHFRP1	-1.17	3.49E-01	1.00E+00	-1.04	1.58E-01	7.17E-01
SYNE3	0.86	7.96E-02	1.00E+00	0.74	1.58E-01	7.17E-01
RP9	-0.03	9.20E-01	1.00E+00	-0.38	1.58E-01	7.17E-01
PARD6G	-0.30	4.39E-01	1.00E+00	-0.79	1.58E-01	7.17E-01
MAP3K7	0.21	3.65E-01	1.00E+00	-0.33	1.58E-01	7.17E-01
AC079949.2	0.37	7.00E-01	1.00E+00	1.43	1.58E-01	7.17E-01
CBWD7	-1.11	5.54E-01	1.00E+00	-0.80	1.58E-01	7.17E-01
MIR99AHG	0.32	2.89E-01	1.00E+00	-0.54	1.58E-01	7.17E-01
AC011899.2	-1.85	4.03E-01	1.00E+00	2.03	1.58E-01	7.17E-01
SPRR2E	-0.66	3.45E-01	1.00E+00	1.09	1.59E-01	7.17E-01
EIF4ENIF1	0.03	8.59E-01	1.00E+00	-0.41	1.59E-01	7.17E-01
B3GAT3	-0.18	3.25E-01	1.00E+00	0.31	1.59E-01	7.17E-01
SEC61G	0.16	4.24E-01	1.00E+00	-0.42	1.59E-01	7.17E-01
RTL5	0.03	9.47E-01	1.00E+00	1.07	1.59E-01	7.17E-01
SLC25A23	-0.23	3.77E-01	1.00E+00	-0.71	1.59E-01	7.17E-01
FAM120A	-0.13	3.30E-01	1.00E+00	0.56	1.59E-01	7.17E-01
SLC45A4	-0.36	2.96E-01	1.00E+00	0.75	1.59E-01	7.17E-01
ALOX5AP	-0.32	5.03E-01	1.00E+00	0.47	1.59E-01	7.17E-01
FTH1P12	0.66	8.49E-01	1.00E+00	-0.95	1.59E-01	7.17E-01
MUC20-OT1	0.34	6.28E-01	1.00E+00	-0.58	1.59E-01	7.17E-01
RAB33B	0.19	4.50E-01	1.00E+00	-0.47	1.59E-01	7.17E-01
G10181	-0.84	4.89E-02	1.00E+00	-0.93	1.59E-01	7.17E-01
TRDV1	1.86	5.84E-01	1.00E+00	1.62	1.59E-01	7.17E-01
N4BP3	0.12	7.47E-01	1.00E+00	-0.57	1.59E-01	7.17E-01
BORCS5	-0.28	3.04E-01	1.00E+00	0.29	1.59E-01	7.17E-01
ZNHIT2	0.04	8.91E-01	1.00E+00	0.35	1.59E-01	7.17E-01
TRAV24	-0.29	9.21E-01	1.00E+00	2.68	1.59E-01	7.17E-01
SLC25A43	0.00	9.90E-01	1.00E+00	-0.36	1.59E-01	7.17E-01
GTF2F1	-0.22	3.06E-01	1.00E+00	0.51	1.59E-01	7.17E-01
LARP1B	0.00	9.87E-01	1.00E+00	-0.36	1.59E-01	7.17E-01

ZNF823	0.08	7.54E-01	1.00E+00	-0.40	1.59E-01	7.17E-01
THAP1	0.23	4.92E-01	1.00E+00	-0.43	1.59E-01	7.17E-01
DELE1	-0.06	8.17E-01	1.00E+00	0.37	1.59E-01	7.17E-01
SLAMF9	-1.43	3.79E-01	1.00E+00	1.96	1.59E-01	7.17E-01
CDV3	0.08	5.96E-01	1.00E+00	0.38	1.59E-01	7.17E-01
R3HCC1L	-0.03	9.34E-01	1.00E+00	0.38	1.59E-01	7.17E-01
NME9	0.44	6.71E-01	1.00E+00	-1.66	1.59E-01	7.17E-01
POGZ	-0.14	5.52E-01	1.00E+00	0.42	1.59E-01	7.17E-01
AL161626.1	0.23	5.19E-01	1.00E+00	-1.42	1.60E-01	7.17E-01
AL136418.1	-1.18	3.71E-01	1.00E+00	-0.93	1.60E-01	7.17E-01
MR1	0.01	9.60E-01	1.00E+00	0.32	1.60E-01	7.17E-01
AC131009.2	-1.25	7.16E-01	1.00E+00	-2.57	1.60E-01	7.17E-01
DYNC1H1	-0.19	4.13E-01	1.00E+00	0.47	1.60E-01	7.17E-01
BEST1	0.55	2.61E-01	1.00E+00	0.74	1.60E-01	7.17E-01
NEU2	0.66	5.70E-01	1.00E+00	1.07	1.60E-01	7.17E-01
ZBTB8OSP2	2.17	5.25E-01	1.00E+00	2.27	1.60E-01	7.17E-01
AD001527.1	0.87	5.77E-01	1.00E+00	1.74	1.60E-01	7.17E-01
TRBV6-6	-1.70	5.75E-01	1.00E+00	2.18	1.60E-01	7.17E-01
LRRC8C	-0.17	5.29E-01	1.00E+00	-0.40	1.60E-01	7.17E-01
ZBTB32	1.44	2.13E-01	1.00E+00	2.40	1.60E-01	7.17E-01
C4BPA	-1.24	7.19E-01	1.00E+00	2.54	1.60E-01	7.17E-01
AC080162.1	1.04	5.12E-01	1.00E+00	1.01	1.60E-01	7.17E-01
RGS18	0.96	2.90E-01	1.00E+00	1.15	1.60E-01	7.17E-01
LARS2	-0.04	8.36E-01	1.00E+00	0.50	1.60E-01	7.17E-01
OVGP1	-0.09	9.00E-01	1.00E+00	1.14	1.60E-01	7.17E-01
ACTR6	0.18	5.12E-01	1.00E+00	-0.48	1.60E-01	7.17E-01
RNU1-1	-0.65	8.51E-01	1.00E+00	-1.25	1.60E-01	7.17E-01
AK6	0.27	3.22E-01	1.00E+00	-0.64	1.60E-01	7.17E-01
RNF44	-0.23	4.07E-01	1.00E+00	0.83	1.60E-01	7.17E-01
ZNF114	0.25	7.35E-01	1.00E+00	-0.97	1.60E-01	7.17E-01
ZDHHC12	-0.05	8.01E-01	1.00E+00	0.41	1.60E-01	7.17E-01
AC105399.1	NA	NA	NA	-1.16	1.60E-01	7.17E-01

AL138999.1	2.55	4.53E-01	1.00E+00	2.15	1.60E-01	7.17E-01
GRIN2A	-0.70	1.29E-01	1.00E+00	-0.79	1.60E-01	7.17E-01
ARSB	0.03	9.35E-01	1.00E+00	0.68	1.60E-01	7.17E-01
AC078846.1	0.18	6.11E-01	1.00E+00	-0.59	1.60E-01	7.17E-01
LINC00664	-0.49	8.78E-01	1.00E+00	-2.54	1.60E-01	7.17E-01
GPRIN3	0.36	4.12E-01	1.00E+00	1.01	1.60E-01	7.18E-01
AKR1C3	0.89	1.14E-01	1.00E+00	-0.79	1.60E-01	7.18E-01
AC025580.2	-1.77	5.01E-01	1.00E+00	1.34	1.61E-01	7.18E-01
ZAN	-3.46	1.74E-01	1.00E+00	2.05	1.61E-01	7.18E-01
MICALL2	-0.57	1.85E-01	1.00E+00	0.89	1.61E-01	7.18E-01
CYP11A1	0.09	9.37E-01	1.00E+00	1.42	1.61E-01	7.18E-01
PPA2	0.04	8.35E-01	1.00E+00	-0.46	1.61E-01	7.18E-01
HM13	-0.18	4.54E-01	1.00E+00	0.32	1.61E-01	7.18E-01
AC002074.1	1.76	8.30E-02	1.00E+00	0.94	1.61E-01	7.18E-01
AC124045.1	0.43	4.93E-01	1.00E+00	0.83	1.61E-01	7.18E-01
SMARCD2	0.20	4.35E-01	1.00E+00	-0.56	1.61E-01	7.18E-01
AC002480.2	2.62	3.48E-01	1.00E+00	2.32	1.61E-01	7.18E-01
KIAA1586	0.04	9.03E-01	1.00E+00	-0.52	1.61E-01	7.18E-01
LTBR	-0.12	6.85E-01	1.00E+00	0.50	1.61E-01	7.18E-01
PHF1	0.03	9.25E-01	1.00E+00	0.70	1.61E-01	7.18E-01
MEAF6	0.10	5.69E-01	1.00E+00	-0.37	1.61E-01	7.18E-01
IL36B	0.54	5.15E-01	1.00E+00	1.01	1.61E-01	7.18E-01
OLFML1	0.56	2.80E-01	1.00E+00	0.60	1.61E-01	7.18E-01
CD46	0.52	1.50E-01	1.00E+00	-0.46	1.61E-01	7.18E-01
AL589935.1	-0.13	9.43E-01	1.00E+00	-1.07	1.61E-01	7.18E-01
C1orf229	0.83	3.70E-01	1.00E+00	-1.32	1.61E-01	7.18E-01
BRCC3	-0.03	8.70E-01	1.00E+00	-0.33	1.61E-01	7.18E-01
GAR1	-0.14	5.71E-01	1.00E+00	0.31	1.61E-01	7.18E-01
MIR4664	-0.97	1.85E-01	1.00E+00	2.57	1.61E-01	7.18E-01
RMND1	0.20	4.98E-01	1.00E+00	-0.38	1.62E-01	7.20E-01
RASL11A	0.28	4.47E-01	1.00E+00	1.08	1.62E-01	7.20E-01
RPS15AP30	0.63	8.54E-01	1.00E+00	-1.37	1.62E-01	7.20E-01

TMEM191C	0.24	6.17E-01	1.00E+00	0.65	1.62E-01	7.20E-01
SPATA17	0.12	8.29E-01	1.00E+00	0.64	1.62E-01	7.20E-01
PRKG1	-0.02	9.65E-01	1.00E+00	0.63	1.62E-01	7.20E-01
GNG4	-2.93	5.11E-03	4.18E-01	1.42	1.62E-01	7.20E-01
Z86062.1	0.73	8.33E-01	1.00E+00	1.26	1.62E-01	7.20E-01
TMIE	-0.75	4.20E-02	1.00E+00	-1.10	1.62E-01	7.20E-01
HSD17B12	0.10	6.05E-01	1.00E+00	-0.48	1.62E-01	7.20E-01
XLOC_002066	0.32	4.89E-01	1.00E+00	1.10	1.62E-01	7.20E-01
HYDIN	-0.19	8.68E-01	1.00E+00	1.06	1.62E-01	7.20E-01
LGALS9B	-3.44	4.82E-02	1.00E+00	1.63	1.62E-01	7.20E-01
LIPK	0.15	8.19E-01	1.00E+00	-1.05	1.62E-01	7.20E-01
LINC00471	0.12	8.81E-01	1.00E+00	-0.82	1.62E-01	7.20E-01
GLG1	0.15	5.81E-01	1.00E+00	0.31	1.62E-01	7.20E-01
AP001922.5	-2.91	7.91E-02	1.00E+00	1.56	1.62E-01	7.20E-01
RBPMS-AS1	0.69	4.37E-01	1.00E+00	-1.22	1.62E-01	7.20E-01
AIMP1	-0.02	8.96E-01	1.00E+00	-0.23	1.62E-01	7.20E-01
LINC01621	0.60	7.64E-01	1.00E+00	1.26	1.62E-01	7.20E-01
NLRP2	0.29	6.51E-01	1.00E+00	1.13	1.62E-01	7.20E-01
AC018638.2	-0.78	1.23E-01	1.00E+00	1.86	1.62E-01	7.20E-01
CEACAM7	0.50	4.41E-01	1.00E+00	-1.09	1.62E-01	7.20E-01
COX15	0.32	3.84E-01	1.00E+00	-0.35	1.62E-01	7.20E-01
STARD9	0.48	4.07E-01	1.00E+00	0.95	1.62E-01	7.20E-01
RWDD4	-0.14	5.26E-01	1.00E+00	-0.26	1.62E-01	7.20E-01
SLC33A1	0.03	9.36E-01	1.00E+00	-0.33	1.63E-01	7.20E-01
RAB6C	-0.21	9.08E-01	1.00E+00	-0.87	1.63E-01	7.20E-01
NEU4	-1.37	5.59E-01	1.00E+00	1.86	1.63E-01	7.20E-01
PPP1R12C	0.07	8.35E-01	1.00E+00	1.13	1.63E-01	7.20E-01
RANBP3L	0.69	5.02E-01	1.00E+00	-1.33	1.63E-01	7.20E-01
TTC28	-0.09	8.10E-01	1.00E+00	0.63	1.63E-01	7.20E-01
LTA	-0.62	5.97E-01	1.00E+00	1.45	1.63E-01	7.20E-01
IGKV1-5	2.52	4.23E-01	1.00E+00	4.38	1.63E-01	7.20E-01
SMIM27	0.74	2.39E-01	1.00E+00	-0.77	1.63E-01	7.20E-01

DHX57	0.10	6.31E-01	1.00E+00	0.34	1.63E-01	7.20E-01
MEGF9	0.08	7.94E-01	1.00E+00	-0.38	1.63E-01	7.20E-01
ANKRD7	0.96	5.59E-01	1.00E+00	-1.66	1.63E-01	7.20E-01
G22284	-2.12	2.69E-01	1.00E+00	-1.51	1.63E-01	7.20E-01
C1GALT1C1	0.02	9.33E-01	1.00E+00	-0.37	1.63E-01	7.20E-01
PGM2	0.08	8.22E-01	1.00E+00	0.36	1.63E-01	7.20E-01
SNHG20	0.25	6.35E-01	1.00E+00	-0.60	1.63E-01	7.20E-01
MRPL35	0.08	7.30E-01	1.00E+00	-0.30	1.63E-01	7.20E-01
C15orf40	0.11	5.74E-01	1.00E+00	-0.44	1.63E-01	7.21E-01
AC053527.1	0.17	7.98E-01	1.00E+00	-0.73	1.63E-01	7.21E-01
AC016773.1	-0.82	7.16E-01	1.00E+00	1.51	1.63E-01	7.21E-01
SLC6A7	-2.49	2.07E-01	1.00E+00	2.11	1.63E-01	7.21E-01
MILR1	0.10	8.86E-01	1.00E+00	0.86	1.63E-01	7.21E-01
GJC3	-0.01	9.89E-01	1.00E+00	-0.80	1.63E-01	7.21E-01
AC118138.2	0.42	6.68E-01	1.00E+00	-1.07	1.63E-01	7.21E-01
AC092384.1	-1.07	3.39E-01	1.00E+00	-1.19	1.63E-01	7.21E-01
FAM87B	-0.49	4.84E-01	1.00E+00	1.13	1.63E-01	7.21E-01
TMEM156	1.10	4.06E-01	1.00E+00	1.14	1.63E-01	7.21E-01
VIPR1	-0.29	2.49E-01	1.00E+00	-0.75	1.63E-01	7.21E-01
LINC02198	-0.44	8.67E-01	1.00E+00	1.66	1.63E-01	7.21E-01
ARL16	-0.08	6.62E-01	1.00E+00	-0.43	1.63E-01	7.21E-01
AL359715.1	0.87	6.56E-01	1.00E+00	1.44	1.63E-01	7.21E-01
AIFM3	-2.31	3.01E-02	9.97E-01	0.76	1.63E-01	7.21E-01
GPR173	0.45	2.21E-01	1.00E+00	1.57	1.63E-01	7.21E-01
AC016629.2	-2.08	3.32E-01	1.00E+00	1.37	1.64E-01	7.21E-01
CFAP300	-0.07	8.71E-01	1.00E+00	-0.56	1.64E-01	7.21E-01
AL844908.2	0.21	8.38E-01	1.00E+00	1.35	1.64E-01	7.21E-01
SNRPB	-0.15	5.38E-01	1.00E+00	0.23	1.64E-01	7.21E-01
CASZ1	-0.38	3.11E-01	1.00E+00	-0.76	1.64E-01	7.21E-01
AC002310.1	-0.42	4.87E-01	1.00E+00	-0.89	1.64E-01	7.21E-01
TFAP2C	-0.18	5.72E-01	1.00E+00	-0.62	1.64E-01	7.21E-01
RASSF4	0.34	4.57E-01	1.00E+00	0.88	1.64E-01	7.21E-01

MPRIP-AS1	0.26	9.00E-01	1.00E+00	1.10	1.64E-01	7.21E-01
AC092542.1	1.51	2.54E-02	9.29E-01	-1.20	1.64E-01	7.21E-01
ERRFI1	0.00	9.96E-01	1.00E+00	0.54	1.64E-01	7.21E-01
AC131571.2	0.63	8.54E-01	1.00E+00	-2.31	1.64E-01	7.21E-01
PARP15	-0.27	7.96E-01	1.00E+00	1.85	1.64E-01	7.21E-01
LAMTOR5	0.10	6.04E-01	1.00E+00	-0.66	1.64E-01	7.21E-01
CRISP2	0.42	7.10E-01	1.00E+00	-1.52	1.64E-01	7.21E-01
PSMF1	-0.09	5.82E-01	1.00E+00	0.15	1.64E-01	7.21E-01
NFE2L2	-0.05	8.80E-01	1.00E+00	-0.43	1.64E-01	7.21E-01
AC092368.3	-0.26	4.17E-01	1.00E+00	1.41	1.64E-01	7.21E-01
IGHV3-13	1.22	7.19E-01	1.00E+00	3.50	1.64E-01	7.21E-01
ZNF268	0.14	5.85E-01	1.00E+00	-0.26	1.64E-01	7.21E-01
EEF1GP1	-0.06	9.86E-01	1.00E+00	-1.38	1.64E-01	7.21E-01
NDUFA4L2	-0.25	2.73E-01	1.00E+00	0.53	1.64E-01	7.21E-01
RPRD1B	0.03	8.54E-01	1.00E+00	0.35	1.64E-01	7.21E-01
DCUN1D1	0.08	7.85E-01	1.00E+00	-0.38	1.64E-01	7.21E-01
CAPN15	-0.69	1.18E-01	1.00E+00	0.91	1.64E-01	7.21E-01
ARMCX2	0.19	7.13E-01	1.00E+00	0.75	1.64E-01	7.21E-01
MCF2L-AS1	0.19	7.65E-01	1.00E+00	-0.76	1.64E-01	7.21E-01
FAM168A	-0.03	9.27E-01	1.00E+00	0.87	1.65E-01	7.21E-01
HOXB2	-0.20	7.10E-01	1.00E+00	-0.74	1.65E-01	7.21E-01
DPP4	0.38	5.05E-01	1.00E+00	0.86	1.65E-01	7.21E-01
AC007319.1	0.98	1.93E-01	1.00E+00	-0.88	1.65E-01	7.21E-01
PART1	0.15	7.67E-01	1.00E+00	-0.71	1.65E-01	7.21E-01
AL356966.1	-0.64	5.97E-01	1.00E+00	1.20	1.65E-01	7.21E-01
AL589986.2	-0.56	8.73E-01	1.00E+00	-1.90	1.65E-01	7.21E-01
KIF6	0.23	6.58E-01	1.00E+00	1.10	1.65E-01	7.21E-01
AC098824.1	1.08	4.60E-01	1.00E+00	1.16	1.65E-01	7.21E-01
AC004160.1	5.02	3.11E-03	2.91E-01	-1.46	1.65E-01	7.21E-01
G28010	-0.29	7.59E-01	1.00E+00	1.76	1.65E-01	7.21E-01
CBWD5	-0.24	5.52E-01	1.00E+00	-0.55	1.65E-01	7.21E-01
XLOC_007635	0.20	9.53E-01	1.00E+00	-1.77	1.65E-01	7.21E-01

RNF103-CHMP3	0.31	8.10E-01	1.00E+00	1.21	1.65E-01	7.21E-01
ARHGAP22	-0.63	4.78E-02	1.00E+00	0.80	1.65E-01	7.21E-01
BRIX1	-0.07	7.73E-01	1.00E+00	-0.60	1.65E-01	7.22E-01
SCFD1	0.05	7.77E-01	1.00E+00	-0.38	1.65E-01	7.22E-01
ADGRL2	0.18	4.58E-01	1.00E+00	0.55	1.65E-01	7.22E-01
CHRD	0.49	2.69E-01	1.00E+00	1.27	1.65E-01	7.22E-01
MRPL10	0.03	8.78E-01	1.00E+00	0.30	1.65E-01	7.22E-01
G35511	0.34	7.56E-01	1.00E+00	-1.14	1.65E-01	7.22E-01
FOXE3	0.42	8.36E-01	1.00E+00	-1.95	1.65E-01	7.22E-01
GOLPH3	0.07	6.35E-01	1.00E+00	-0.61	1.65E-01	7.23E-01
G23010	-2.92	7.82E-02	1.00E+00	1.41	1.65E-01	7.23E-01
FUBP1	0.01	9.60E-01	1.00E+00	0.31	1.66E-01	7.23E-01
ZNF133	-0.03	8.65E-01	1.00E+00	0.31	1.66E-01	7.23E-01
RAB2A	0.24	2.20E-01	1.00E+00	-0.41	1.66E-01	7.23E-01
ADGRG5	-0.56	3.55E-01	1.00E+00	1.24	1.66E-01	7.23E-01
YIPF4	0.34	4.87E-02	1.00E+00	-0.28	1.66E-01	7.23E-01
RNU6-137P	-0.46	4.46E-01	1.00E+00	-1.22	1.66E-01	7.23E-01
SLC39A9	0.36	1.55E-01	1.00E+00	0.22	1.66E-01	7.23E-01
PIK3C2A	0.03	8.92E-01	1.00E+00	-0.19	1.66E-01	7.23E-01
LINC00963	-0.46	5.84E-02	1.00E+00	0.52	1.66E-01	7.23E-01
AKAP2	-2.23	3.53E-01	1.00E+00	0.87	1.66E-01	7.23E-01
SLC27A5	0.04	8.79E-01	1.00E+00	-0.48	1.66E-01	7.24E-01
DSCAS	-0.78	8.20E-01	1.00E+00	1.41	1.66E-01	7.24E-01
AGPAT2	0.96	9.94E-02	1.00E+00	-0.77	1.66E-01	7.24E-01
LRRC37A7P	-0.08	8.37E-01	1.00E+00	-0.68	1.66E-01	7.24E-01
CENPV	0.17	7.76E-01	1.00E+00	-1.23	1.66E-01	7.24E-01
BCL2L12	-0.32	2.75E-01	1.00E+00	0.46	1.66E-01	7.24E-01
CD164	0.48	1.84E-01	1.00E+00	-0.42	1.66E-01	7.24E-01
NEIL2	-0.14	5.33E-01	1.00E+00	-0.32	1.66E-01	7.24E-01
KRT223P	3.43	1.67E-01	1.00E+00	-1.39	1.66E-01	7.24E-01
AC079781.4	-0.03	9.52E-01	1.00E+00	-1.01	1.66E-01	7.24E-01
PCDHGB3	-0.27	5.71E-01	1.00E+00	-1.23	1.66E-01	7.24E-01

VBP1	0.07	7.44E-01	1.00E+00	-0.37	1.66E-01	7.24E-01
ZNF710	-0.58	1.04E-01	1.00E+00	0.82	1.66E-01	7.24E-01
CYP26A1	-0.54	8.39E-01	1.00E+00	-2.26	1.66E-01	7.24E-01
LYN	-0.34	1.37E-01	1.00E+00	1.00	1.66E-01	7.24E-01
XLOC_001583	-2.33	1.74E-01	1.00E+00	1.84	1.67E-01	7.24E-01
HRH1	-0.17	6.40E-01	1.00E+00	0.57	1.67E-01	7.24E-01
NOL4	-2.70	4.63E-02	1.00E+00	-1.91	1.67E-01	7.24E-01
PTGES	-0.21	5.14E-01	1.00E+00	0.49	1.67E-01	7.24E-01
C3orf58	-0.19	6.29E-01	1.00E+00	-0.39	1.67E-01	7.24E-01
GPATCH3	-0.14	4.84E-01	1.00E+00	0.29	1.67E-01	7.24E-01
IKBKB	-0.04	8.54E-01	1.00E+00	0.48	1.67E-01	7.24E-01
MTMR2	0.05	8.16E-01	1.00E+00	-0.25	1.67E-01	7.25E-01
FCRLB	-0.11	8.61E-01	1.00E+00	0.75	1.67E-01	7.25E-01
AC091868.2	0.64	3.08E-01	1.00E+00	-1.61	1.67E-01	7.25E-01
UGT2B15	0.41	8.42E-01	1.00E+00	-2.59	1.67E-01	7.25E-01
ZNF592	-0.11	6.33E-01	1.00E+00	0.65	1.67E-01	7.25E-01
AL031729.1	-1.57	4.35E-01	1.00E+00	-0.88	1.67E-01	7.25E-01
G38528	-1.14	5.10E-01	1.00E+00	1.24	1.67E-01	7.25E-01
CNOT9	-0.03	9.15E-01	1.00E+00	0.40	1.67E-01	7.25E-01
ITM2B	-0.01	9.69E-01	1.00E+00	-0.34	1.67E-01	7.25E-01
COL9A1	1.73	1.71E-01	1.00E+00	1.42	1.67E-01	7.25E-01
OSGEP	0.07	7.42E-01	1.00E+00	0.23	1.67E-01	7.25E-01
SEL1L2	-1.18	5.32E-01	1.00E+00	-1.28	1.67E-01	7.25E-01
AC015971.1	-2.07	3.41E-01	1.00E+00	-1.33	1.67E-01	7.25E-01
DIRC1	-2.31	1.17E-01	1.00E+00	1.45	1.67E-01	7.25E-01
FCRL3	-3.63	7.91E-02	1.00E+00	2.14	1.67E-01	7.25E-01
SHKBP1	-0.42	8.47E-02	1.00E+00	0.35	1.68E-01	7.25E-01
ASPHD1	-2.30	2.97E-03	2.86E-01	1.20	1.68E-01	7.25E-01
LINC01625	0.16	8.58E-01	1.00E+00	1.43	1.68E-01	7.26E-01
BCLAF3	-0.19	4.35E-01	1.00E+00	-0.47	1.68E-01	7.26E-01
DSTN	-0.11	5.84E-01	1.00E+00	-0.40	1.68E-01	7.26E-01
DLX4	-0.87	7.18E-02	1.00E+00	-0.82	1.68E-01	7.26E-01

CCDC88C	-0.58	2.50E-02	9.28E-01	0.80	1.68E-01	7.26E-01
ESRRG	0.04	9.65E-01	1.00E+00	-0.99	1.68E-01	7.26E-01
FTH1P11	1.79	4.99E-01	1.00E+00	-0.91	1.68E-01	7.26E-01
NAPSB	-0.27	5.69E-01	1.00E+00	1.02	1.68E-01	7.26E-01
ERG28	-0.13	6.66E-01	1.00E+00	-0.53	1.68E-01	7.26E-01
SAMHD1	0.45	2.71E-01	1.00E+00	0.80	1.68E-01	7.26E-01
AC136475.7	0.99	7.02E-01	1.00E+00	1.71	1.68E-01	7.26E-01
AP000813.1	-0.15	9.02E-01	1.00E+00	-1.11	1.68E-01	7.26E-01
HIBCH	0.05	8.34E-01	1.00E+00	-0.49	1.68E-01	7.26E-01
UNC80	-1.80	6.71E-02	1.00E+00	-1.38	1.68E-01	7.26E-01
GSTP1	-0.02	9.42E-01	1.00E+00	0.29	1.68E-01	7.26E-01
NAGK	-0.15	5.41E-01	1.00E+00	0.40	1.68E-01	7.26E-01
ST6GAL2	0.25	7.19E-01	1.00E+00	-0.98	1.68E-01	7.26E-01
AL391056.1	-0.93	3.23E-01	1.00E+00	1.95	1.68E-01	7.26E-01
OR7E12P	1.01	4.36E-01	1.00E+00	-1.81	1.68E-01	7.26E-01
AKT2	0.11	6.48E-01	1.00E+00	0.78	1.68E-01	7.26E-01
LYPLA2	-0.10	6.69E-01	1.00E+00	0.24	1.68E-01	7.26E-01
UBXN7	0.04	8.08E-01	1.00E+00	-0.42	1.68E-01	7.26E-01
CNTN5	-10.95	1.38E-03	2.02E-01	4.34	1.68E-01	7.26E-01
AHCYL1	0.06	7.27E-01	1.00E+00	-0.52	1.68E-01	7.26E-01
SHANK1	-1.11	4.11E-02	1.00E+00	1.64	1.69E-01	7.26E-01
SGK1	-0.45	1.91E-01	1.00E+00	0.44	1.69E-01	7.26E-01
AL512353.1	0.26	7.97E-01	1.00E+00	0.64	1.69E-01	7.26E-01
PRDX2	-0.05	8.16E-01	1.00E+00	-0.62	1.69E-01	7.26E-01
AC011352.1	0.39	5.54E-01	1.00E+00	-0.84	1.69E-01	7.26E-01
TMEM211	-1.96	1.27E-01	1.00E+00	-1.16	1.69E-01	7.26E-01
CCL22	-0.35	5.75E-01	1.00E+00	-0.64	1.69E-01	7.26E-01
PLIN5	1.42	5.66E-02	1.00E+00	-1.06	1.69E-01	7.26E-01
WDR93	1.05	4.70E-01	1.00E+00	-1.14	1.69E-01	7.27E-01
NAGS	-0.51	2.14E-01	1.00E+00	0.82	1.69E-01	7.27E-01
CD6	-0.29	5.95E-01	1.00E+00	1.23	1.69E-01	7.27E-01
NDUFB4	-0.19	2.14E-01	1.00E+00	-0.43	1.69E-01	7.27E-01

AC080038.1	-0.99	2.00E-01	1.00E+00	-1.14	1.69E-01	7.27E-01
MYCBPAP	-0.81	4.15E-01	1.00E+00	1.08	1.69E-01	7.27E-01
HDAC1P2	1.05	7.55E-01	1.00E+00	-2.06	1.69E-01	7.27E-01
PJA2	-0.05	7.66E-01	1.00E+00	-0.22	1.69E-01	7.27E-01
MOCS2	-0.04	8.87E-01	1.00E+00	-0.41	1.69E-01	7.27E-01
IL1R1	0.33	2.03E-01	1.00E+00	0.66	1.69E-01	7.27E-01
NOB1	-0.14	4.92E-01	1.00E+00	0.33	1.69E-01	7.27E-01
SKAP2	0.10	6.72E-01	1.00E+00	-0.28	1.69E-01	7.27E-01
FLJ46284	1.02	6.28E-01	1.00E+00	1.32	1.69E-01	7.27E-01
AC040162.1	1.66	1.52E-01	1.00E+00	0.98	1.69E-01	7.27E-01
XLOC_000578	-0.89	6.17E-01	1.00E+00	-2.06	1.69E-01	7.27E-01
AC092017.2	0.19	9.39E-01	1.00E+00	-1.04	1.69E-01	7.27E-01
DARS	0.05	8.07E-01	1.00E+00	-0.30	1.69E-01	7.27E-01
AC107068.1	0.29	6.18E-01	1.00E+00	0.93	1.69E-01	7.27E-01
C12orf80	-1.46	5.54E-01	1.00E+00	-1.51	1.69E-01	7.27E-01
OBP2B	-0.53	5.57E-01	1.00E+00	-1.18	1.70E-01	7.27E-01
ZNF620	0.37	3.93E-01	1.00E+00	0.59	1.70E-01	7.27E-01
RASSF2	0.34	4.11E-01	1.00E+00	0.78	1.70E-01	7.27E-01
SDCBP2-AS1	0.86	1.45E-01	1.00E+00	0.69	1.70E-01	7.27E-01
MS4A4A	1.06	4.64E-02	1.00E+00	0.87	1.70E-01	7.27E-01
ZSWIM6	-0.26	3.60E-01	1.00E+00	0.61	1.70E-01	7.27E-01
RWDD1	0.13	5.20E-01	1.00E+00	-0.26	1.70E-01	7.27E-01
TAF9B	0.04	8.97E-01	1.00E+00	-0.41	1.70E-01	7.27E-01
FCGR1A	-0.84	2.47E-01	1.00E+00	4.30	1.70E-01	7.27E-01
MCM3AP-AS1	0.34	4.64E-01	1.00E+00	0.63	1.70E-01	7.27E-01
AC079880.1	1.68	2.04E-01	1.00E+00	-0.66	1.70E-01	7.27E-01
MGC32805	-1.23	3.25E-01	1.00E+00	-1.28	1.70E-01	7.27E-01
RNF103	0.22	2.94E-01	1.00E+00	-0.42	1.70E-01	7.27E-01
PRELID1	-0.15	5.98E-01	1.00E+00	0.37	1.70E-01	7.27E-01
SNX24	0.13	6.17E-01	1.00E+00	-0.34	1.70E-01	7.27E-01
S1PR5	0.02	9.53E-01	1.00E+00	-0.65	1.70E-01	7.28E-01
ATP6V0A4	0.01	9.90E-01	1.00E+00	-0.96	1.70E-01	7.28E-01

PSMG2	0.02	9.35E-01	1.00E+00	-0.30	1.70E-01	7.28E-01
AC022613.3	-0.67	8.48E-01	1.00E+00	1.74	1.70E-01	7.28E-01
TBC1D19	0.06	8.78E-01	1.00E+00	-0.50	1.70E-01	7.28E-01
FMNL3	-0.09	8.18E-01	1.00E+00	1.02	1.70E-01	7.28E-01
OSGIN2	0.29	4.09E-01	1.00E+00	-0.57	1.70E-01	7.28E-01
FADS3	1.37	2.13E-01	1.00E+00	-0.99	1.70E-01	7.28E-01
PRMT5	-0.16	4.85E-01	1.00E+00	0.30	1.70E-01	7.28E-01
ADD3-AS1	0.95	1.48E-01	1.00E+00	1.03	1.70E-01	7.28E-01
ARHGEF9	-0.14	5.64E-01	1.00E+00	0.35	1.70E-01	7.28E-01
GNAO1	-0.98	3.27E-02	1.00E+00	1.07	1.70E-01	7.28E-01
AC008543.1	-0.21	8.11E-01	1.00E+00	-1.24	1.70E-01	7.28E-01
IL18RAP	0.08	9.60E-01	1.00E+00	2.00	1.70E-01	7.28E-01
ERMP1	-0.13	6.60E-01	1.00E+00	-0.58	1.71E-01	7.28E-01
MBNL3	0.08	7.55E-01	1.00E+00	-0.35	1.71E-01	7.28E-01
TMEM167B	0.17	3.59E-01	1.00E+00	-0.31	1.71E-01	7.28E-01
ARF4-AS1	0.63	6.80E-01	1.00E+00	-0.92	1.71E-01	7.28E-01
AC023051.1	-0.03	9.90E-01	1.00E+00	-0.99	1.71E-01	7.28E-01
ENPP7P7	-1.54	2.81E-01	1.00E+00	-1.19	1.71E-01	7.28E-01
ADAR	0.05	8.63E-01	1.00E+00	0.58	1.71E-01	7.28E-01
ATP6V0C	-0.33	6.55E-01	1.00E+00	0.94	1.71E-01	7.28E-01
ELOC	0.06	6.90E-01	1.00E+00	-0.37	1.71E-01	7.28E-01
LINC01881	0.18	8.04E-01	1.00E+00	-0.57	1.71E-01	7.28E-01
USP22	0.20	5.08E-01	1.00E+00	0.42	1.71E-01	7.29E-01
PTMAP2	-0.06	8.50E-01	1.00E+00	-0.60	1.71E-01	7.29E-01
UIMC1	-0.19	3.15E-01	1.00E+00	0.27	1.71E-01	7.29E-01
AC083837.2	0.04	9.55E-01	1.00E+00	0.76	1.71E-01	7.29E-01
AC015819.1	0.63	6.29E-01	1.00E+00	1.70	1.71E-01	7.29E-01
GAS6-AS1	-0.23	8.05E-01	1.00E+00	1.27	1.71E-01	7.29E-01
ANKEF1	-0.34	2.04E-01	1.00E+00	-0.43	1.71E-01	7.29E-01
DET1	0.74	4.93E-01	1.00E+00	-1.20	1.71E-01	7.29E-01
EID1	0.02	9.52E-01	1.00E+00	-0.47	1.71E-01	7.29E-01
PRKAR2B	1.56	3.44E-02	1.00E+00	-0.96	1.71E-01	7.29E-01

RBM48	-0.01	9.48E-01	1.00E+00	-0.50	1.71E-01	7.29E-01
PIK3R6	-0.28	7.24E-01	1.00E+00	1.09	1.72E-01	7.30E-01
SH3BP2	0.03	9.00E-01	1.00E+00	0.47	1.72E-01	7.30E-01
AC131097.4	0.20	8.91E-01	1.00E+00	1.69	1.72E-01	7.30E-01
AL162741.1	-1.49	2.89E-01	1.00E+00	1.61	1.72E-01	7.30E-01
SPINK2	-0.08	9.31E-01	1.00E+00	0.73	1.72E-01	7.30E-01
PEAK1	-0.13	6.78E-01	1.00E+00	0.70	1.72E-01	7.30E-01
SLC7A11	-1.01	1.56E-01	1.00E+00	0.77	1.72E-01	7.30E-01
SLC24A1	0.02	9.55E-01	1.00E+00	0.66	1.72E-01	7.30E-01
FCF1	0.45	1.54E-02	7.70E-01	0.28	1.72E-01	7.30E-01
ITGB1BP2	1.26	3.44E-01	1.00E+00	1.62	1.72E-01	7.30E-01
BRD7P2	0.52	6.38E-01	1.00E+00	-0.62	1.72E-01	7.30E-01
AHSG	-1.75	2.93E-01	1.00E+00	2.13	1.72E-01	7.30E-01
SYT9	0.90	9.28E-02	1.00E+00	-1.62	1.72E-01	7.30E-01
ZNF75A	0.19	5.45E-01	1.00E+00	-0.32	1.72E-01	7.30E-01
COX6A1	-0.16	5.53E-01	1.00E+00	-0.87	1.72E-01	7.30E-01
NSMAF	0.09	6.29E-01	1.00E+00	-0.32	1.72E-01	7.30E-01
GMPPSP1	0.29	9.29E-01	1.00E+00	-0.79	1.72E-01	7.30E-01
AC073130.2	1.17	7.02E-01	1.00E+00	-1.52	1.72E-01	7.30E-01
BOLA1	-0.02	9.31E-01	1.00E+00	-0.30	1.72E-01	7.30E-01
LINC01950	-4.26	1.62E-01	1.00E+00	-1.71	1.72E-01	7.30E-01
AL078645.2	-1.69	5.76E-01	1.00E+00	-2.79	1.72E-01	7.30E-01
PROB1	-0.45	1.41E-01	1.00E+00	1.32	1.72E-01	7.30E-01
NPAS4	-0.94	6.64E-01	1.00E+00	1.07	1.72E-01	7.30E-01
STX10	-0.07	7.06E-01	1.00E+00	0.24	1.72E-01	7.30E-01
AC079313.1	1.74	3.72E-01	1.00E+00	-1.21	1.72E-01	7.30E-01
AC022079.1	0.32	9.26E-01	1.00E+00	-2.00	1.73E-01	7.30E-01
SYT4	-14.45	2.36E-05	6.87E-03	-2.82	1.73E-01	7.30E-01
LINC01857	-1.52	6.60E-01	1.00E+00	3.39	1.73E-01	7.30E-01
SAMMSON	-0.42	8.62E-01	1.00E+00	2.11	1.73E-01	7.30E-01
SNX25P1	0.16	9.39E-01	1.00E+00	1.99	1.73E-01	7.30E-01
SPINT1-AS1	0.44	1.44E-01	1.00E+00	-0.81	1.73E-01	7.30E-01

KLHDC4	-0.10	6.61E-01	1.00E+00	0.51	1.73E-01	7.30E-01
HSPB9	-0.02	9.83E-01	1.00E+00	0.87	1.73E-01	7.30E-01
TENT5A	0.16	6.79E-01	1.00E+00	0.31	1.73E-01	7.31E-01
AL390760.1	-2.87	1.22E-01	1.00E+00	1.56	1.73E-01	7.31E-01
LOXL2	-0.08	8.95E-01	1.00E+00	0.83	1.73E-01	7.31E-01
XRN2	-0.04	8.39E-01	1.00E+00	0.20	1.73E-01	7.31E-01
ATP23	0.23	2.76E-01	1.00E+00	-0.48	1.73E-01	7.31E-01
AC068446.1	-1.72	4.08E-01	1.00E+00	1.11	1.73E-01	7.31E-01
GMDS-DT	0.20	7.12E-01	1.00E+00	-0.62	1.73E-01	7.31E-01
TCP11	-1.78	3.06E-02	1.00E+00	1.17	1.73E-01	7.31E-01
G6795	-0.95	4.70E-01	1.00E+00	-1.36	1.73E-01	7.31E-01
RPS5	-0.19	5.74E-01	1.00E+00	0.37	1.73E-01	7.31E-01
TEX26-AS1	1.30	2.49E-01	1.00E+00	1.22	1.73E-01	7.31E-01
CELF1	0.19	3.91E-01	1.00E+00	-0.26	1.73E-01	7.31E-01
GRAMD2A	-0.52	8.12E-02	1.00E+00	0.80	1.73E-01	7.31E-01
SLC50A1	-0.26	2.51E-01	1.00E+00	-0.28	1.73E-01	7.31E-01
YWHAH	-0.26	3.31E-01	1.00E+00	-0.72	1.73E-01	7.31E-01
TNFRSF10C	0.26	7.75E-01	1.00E+00	1.06	1.73E-01	7.31E-01
AC008035.1	-0.67	2.06E-01	1.00E+00	-0.88	1.73E-01	7.31E-01
SLC25A26	0.22	3.06E-01	1.00E+00	-0.35	1.73E-01	7.31E-01
MRPL13	0.01	9.39E-01	1.00E+00	-0.56	1.73E-01	7.31E-01
SPRED3	-0.98	3.53E-02	1.00E+00	1.21	1.73E-01	7.31E-01
AC239800.2	1.10	2.51E-01	1.00E+00	-0.88	1.74E-01	7.31E-01
RP11-187C18.3	-3.44	2.75E-01	1.00E+00	-1.37	1.74E-01	7.31E-01
RILPL2	0.13	6.89E-01	1.00E+00	0.68	1.74E-01	7.31E-01
SYNDIG1	-0.57	4.98E-01	1.00E+00	1.53	1.74E-01	7.31E-01
HAND1	1.33	4.79E-01	1.00E+00	3.08	1.74E-01	7.31E-01
CENPBD1	-0.13	6.17E-01	1.00E+00	-0.24	1.74E-01	7.31E-01
COP1	0.14	4.15E-01	1.00E+00	-0.58	1.74E-01	7.31E-01
KLHL7	0.34	1.47E-01	1.00E+00	-0.35	1.74E-01	7.31E-01
THEM6	-0.29	1.90E-01	1.00E+00	-0.36	1.74E-01	7.31E-01
ZBED6CL	-0.07	8.98E-01	1.00E+00	0.95	1.74E-01	7.31E-01

SLC1A2	-0.76	8.12E-01	1.00E+00	0.71	1.74E-01	7.31E-01
EPPK1	-0.36	5.26E-01	1.00E+00	-0.94	1.74E-01	7.31E-01
MARS	-0.24	5.27E-01	1.00E+00	0.23	1.74E-01	7.31E-01
S100A13	-0.24	7.14E-01	1.00E+00	-0.84	1.74E-01	7.31E-01
TGFB1	-0.46	4.47E-02	1.00E+00	1.30	1.74E-01	7.31E-01
PINLYP	-0.31	4.96E-01	1.00E+00	0.52	1.74E-01	7.31E-01
NEMF	0.24	1.36E-01	1.00E+00	-0.35	1.74E-01	7.31E-01
AC010883.1	-0.93	6.51E-01	1.00E+00	-1.11	1.74E-01	7.31E-01
NPIPB11	-1.98	1.46E-01	1.00E+00	1.20	1.74E-01	7.31E-01
MALRD1	0.51	6.05E-01	1.00E+00	1.12	1.74E-01	7.31E-01
RNPS1P1	-1.31	5.30E-01	1.00E+00	-0.72	1.74E-01	7.31E-01
ZKSCAN2	0.12	7.20E-01	1.00E+00	0.83	1.74E-01	7.31E-01
F11R	0.17	3.01E-01	1.00E+00	-0.30	1.74E-01	7.31E-01
G9021	-0.35	7.85E-01	1.00E+00	1.07	1.74E-01	7.31E-01
FAR2	0.09	8.63E-01	1.00E+00	-0.87	1.74E-01	7.31E-01
MAGI2-AS3	0.29	5.74E-01	1.00E+00	-0.78	1.74E-01	7.31E-01
RPTOR	-0.18	4.63E-01	1.00E+00	0.82	1.75E-01	7.31E-01
CEP164	-0.10	6.87E-01	1.00E+00	0.61	1.75E-01	7.31E-01
PPARGC1A	0.00	1.00E+00	1.00E+00	-0.79	1.75E-01	7.31E-01
LYPLAL1	0.15	5.04E-01	1.00E+00	-0.64	1.75E-01	7.31E-01
EDA	0.31	3.64E-01	1.00E+00	-0.66	1.75E-01	7.31E-01
LINC00271	-0.16	8.42E-01	1.00E+00	-0.85	1.75E-01	7.31E-01
CDYL2	-0.45	1.46E-01	1.00E+00	0.98	1.75E-01	7.31E-01
SIGIRR	-0.02	9.53E-01	1.00E+00	0.45	1.75E-01	7.31E-01
AL590723.1	0.04	9.68E-01	1.00E+00	1.06	1.75E-01	7.31E-01
AP001462.1	-0.85	2.94E-01	1.00E+00	-0.71	1.75E-01	7.31E-01
XLOC_002116	0.76	5.37E-01	1.00E+00	-2.71	1.75E-01	7.31E-01
ABCC2	-0.30	6.57E-01	1.00E+00	1.06	1.75E-01	7.31E-01
DPPA4	NA	NA	NA	-1.83	1.75E-01	7.31E-01
TP53I13	-0.09	7.45E-01	1.00E+00	0.46	1.75E-01	7.31E-01
CLDN10-AS1	0.18	8.71E-01	1.00E+00	-0.92	1.75E-01	7.31E-01
ZFAND2B	0.07	7.12E-01	1.00E+00	-0.33	1.75E-01	7.31E-01

TXNDC2	0.52	8.50E-01	1.00E+00	2.64	1.75E-01	7.31E-01
C5orf63	-0.18	6.76E-01	1.00E+00	-0.55	1.75E-01	7.31E-01
AC098934.1	-1.01	6.25E-02	1.00E+00	0.75	1.75E-01	7.31E-01
AC005865.1	0.58	8.64E-01	1.00E+00	-2.63	1.75E-01	7.31E-01
HMGCS2	0.52	5.38E-01	1.00E+00	-1.11	1.75E-01	7.31E-01
PIP4P2	0.34	2.69E-01	1.00E+00	-0.62	1.75E-01	7.31E-01
G35839	1.15	9.37E-02	1.00E+00	-1.12	1.75E-01	7.31E-01
AP005131.1	-0.36	8.31E-01	1.00E+00	2.01	1.75E-01	7.31E-01
AC109347.1	-0.46	4.62E-01	1.00E+00	0.71	1.75E-01	7.31E-01
AC134878.2	0.61	5.90E-01	1.00E+00	1.01	1.75E-01	7.31E-01
SRPX	0.77	6.62E-02	1.00E+00	0.70	1.75E-01	7.31E-01
PCDH18	0.63	2.67E-01	1.00E+00	0.74	1.75E-01	7.31E-01
G25996	-0.54	8.76E-01	1.00E+00	-1.17	1.75E-01	7.31E-01
ZNF12	0.13	4.99E-01	1.00E+00	-0.45	1.75E-01	7.31E-01
RNGTT	0.28	1.99E-01	1.00E+00	-0.26	1.75E-01	7.31E-01
XLOC_007654	-0.08	9.40E-01	1.00E+00	1.81	1.75E-01	7.31E-01
FAHD2B	-0.07	8.14E-01	1.00E+00	-0.40	1.75E-01	7.31E-01
PRKCQ-AS1	-0.83	3.99E-01	1.00E+00	1.30	1.75E-01	7.31E-01
CLEC12B	0.29	6.80E-01	1.00E+00	1.27	1.75E-01	7.31E-01
CDKL2	-0.50	4.85E-01	1.00E+00	-1.09	1.75E-01	7.31E-01
LAYN	0.22	5.67E-01	1.00E+00	0.57	1.76E-01	7.31E-01
PANK1	0.04	9.35E-01	1.00E+00	-0.55	1.76E-01	7.31E-01
HHIP	-1.52	1.73E-01	1.00E+00	-1.39	1.76E-01	7.31E-01
AFF2	0.39	5.55E-01	1.00E+00	-1.08	1.76E-01	7.31E-01
CACNA1C	-0.44	4.77E-01	1.00E+00	1.02	1.76E-01	7.31E-01
RASSF6	-0.13	7.43E-01	1.00E+00	-0.94	1.76E-01	7.31E-01
XRRA1	-0.44	3.61E-01	1.00E+00	-0.54	1.76E-01	7.31E-01
ATXN1L	0.13	4.95E-01	1.00E+00	0.59	1.76E-01	7.31E-01
SLC36A4	-0.19	4.67E-01	1.00E+00	-0.32	1.76E-01	7.31E-01
PRKACA	-0.11	5.40E-01	1.00E+00	0.69	1.76E-01	7.31E-01
AC012560.1	-0.06	9.73E-01	1.00E+00	-1.20	1.76E-01	7.31E-01
MED1	-0.01	9.40E-01	1.00E+00	0.47	1.76E-01	7.31E-01

AP000442.1	-1.10	6.40E-01	1.00E+00	-1.38	1.76E-01	7.31E-01
XLOC_003438	0.08	9.14E-01	1.00E+00	1.12	1.76E-01	7.31E-01
AQP2	-0.11	9.38E-01	1.00E+00	-1.26	1.76E-01	7.31E-01
MOAP1	0.00	9.81E-01	1.00E+00	-0.23	1.76E-01	7.31E-01
ZBTB40	0.15	6.59E-01	1.00E+00	0.73	1.76E-01	7.31E-01
PLPP3	0.76	1.10E-01	1.00E+00	0.56	1.76E-01	7.31E-01
AC018755.1	-0.70	5.64E-01	1.00E+00	-1.58	1.76E-01	7.31E-01
ACADSB	-0.01	9.63E-01	1.00E+00	-0.46	1.76E-01	7.31E-01
NR5A1	-1.72	2.94E-01	1.00E+00	-2.26	1.76E-01	7.31E-01
MIR616	-2.60	1.43E-01	1.00E+00	-1.30	1.76E-01	7.31E-01
NDUFAB1	0.05	7.86E-01	1.00E+00	-0.51	1.76E-01	7.31E-01
FFAR4	1.50	3.29E-02	1.00E+00	-0.63	1.76E-01	7.31E-01
ST6GALNAC5	0.32	5.57E-01	1.00E+00	0.84	1.76E-01	7.31E-01
C6orf58	-1.36	4.09E-01	1.00E+00	-1.32	1.76E-01	7.32E-01
TLE3	-0.32	2.27E-01	1.00E+00	0.44	1.76E-01	7.32E-01
GATB	-0.02	9.43E-01	1.00E+00	0.25	1.76E-01	7.32E-01
NGLY1	0.08	7.54E-01	1.00E+00	-0.32	1.76E-01	7.32E-01
TXNIP	0.74	2.28E-02	9.09E-01	-0.45	1.76E-01	7.32E-01
KRT42P	-1.63	1.66E-02	8.11E-01	0.86	1.76E-01	7.32E-01
AL356275.2	-0.99	6.94E-01	1.00E+00	-1.80	1.76E-01	7.32E-01
LRR31	-0.30	8.88E-01	1.00E+00	-1.80	1.76E-01	7.32E-01
MAP3K12	-0.15	6.33E-01	1.00E+00	1.25	1.76E-01	7.32E-01
EFEMP2	0.44	3.46E-01	1.00E+00	0.67	1.77E-01	7.32E-01
MAEA	-0.07	7.18E-01	1.00E+00	0.20	1.77E-01	7.32E-01
AC092155.1	-2.36	4.01E-01	1.00E+00	-1.85	1.77E-01	7.32E-01
XLOC_008100	0.08	8.61E-01	1.00E+00	0.76	1.77E-01	7.32E-01
TNKS2-AS1	-0.01	9.92E-01	1.00E+00	-1.18	1.77E-01	7.32E-01
AC009303.4	-0.05	9.30E-01	1.00E+00	0.70	1.77E-01	7.32E-01
RAC1	0.03	8.53E-01	1.00E+00	-0.60	1.77E-01	7.32E-01
AC020917.4	-2.86	6.46E-02	1.00E+00	1.21	1.77E-01	7.32E-01
AC011603.2	-1.03	6.58E-01	1.00E+00	-0.95	1.77E-01	7.32E-01
FUNDC1	0.02	9.04E-01	1.00E+00	-0.45	1.77E-01	7.32E-01

XLOC_013984	-0.76	4.53E-01	1.00E+00	1.87	1.77E-01	7.32E-01
WNK3	0.36	5.52E-01	1.00E+00	0.84	1.77E-01	7.32E-01
AL136115.1	-1.75	2.25E-01	1.00E+00	1.19	1.77E-01	7.32E-01
TARS	-0.01	9.42E-01	1.00E+00	0.26	1.77E-01	7.32E-01
RPL37P6	-2.24	2.44E-01	1.00E+00	-0.86	1.77E-01	7.32E-01
PRKAR2A-AS1	-0.28	6.01E-01	1.00E+00	-1.06	1.77E-01	7.32E-01
TNFSF4	0.41	5.33E-01	1.00E+00	1.15	1.77E-01	7.32E-01
PXN	0.20	5.31E-01	1.00E+00	0.53	1.77E-01	7.32E-01
XPO5	0.11	6.50E-01	1.00E+00	0.39	1.77E-01	7.32E-01
ATP6V1B1	-0.41	7.81E-01	1.00E+00	-1.06	1.77E-01	7.32E-01
AMPD2	-0.33	1.29E-01	1.00E+00	0.70	1.77E-01	7.32E-01
ZBED2	-0.29	5.59E-01	1.00E+00	0.85	1.77E-01	7.32E-01
MANEAL	-0.11	7.69E-01	1.00E+00	-0.88	1.77E-01	7.32E-01
SMIM13	-0.02	9.48E-01	1.00E+00	-0.56	1.77E-01	7.32E-01
SCN1B	-0.28	5.69E-01	1.00E+00	1.12	1.77E-01	7.32E-01
GSTT2	0.60	4.40E-01	1.00E+00	0.98	1.77E-01	7.32E-01
CHSY1	-0.06	7.55E-01	1.00E+00	0.46	1.77E-01	7.32E-01
UBAC1	-0.13	6.40E-01	1.00E+00	-0.31	1.77E-01	7.32E-01
NXPE1	-0.89	7.97E-01	1.00E+00	2.23	1.77E-01	7.32E-01
MEST	1.51	4.20E-02	1.00E+00	-0.91	1.77E-01	7.32E-01
GLYAT	3.86	5.20E-02	1.00E+00	-1.45	1.77E-01	7.32E-01
WIZ	-0.42	1.23E-01	1.00E+00	0.70	1.78E-01	7.32E-01
AL807757.2	-2.64	1.93E-01	1.00E+00	1.48	1.78E-01	7.32E-01
AC110597.1	2.37	2.36E-01	1.00E+00	1.82	1.78E-01	7.32E-01
CHCHD4	0.10	6.12E-01	1.00E+00	-0.44	1.78E-01	7.32E-01
DAB2	0.16	7.03E-01	1.00E+00	0.68	1.78E-01	7.32E-01
FGF7	0.55	3.08E-01	1.00E+00	0.61	1.78E-01	7.32E-01
PHF10	0.27	7.95E-02	1.00E+00	-0.57	1.78E-01	7.32E-01
FAM167B	0.19	7.53E-01	1.00E+00	0.93	1.78E-01	7.32E-01
IGFN1	-2.56	1.36E-01	1.00E+00	2.16	1.78E-01	7.32E-01
SIGLEC9	-0.53	5.72E-01	1.00E+00	1.44	1.78E-01	7.32E-01
C11orf95	0.19	6.54E-01	1.00E+00	0.92	1.78E-01	7.32E-01

DBX2	0.97	3.05E-01	1.00E+00	-1.34	1.78E-01	7.32E-01
HOXA5	-0.48	3.07E-01	1.00E+00	-0.57	1.78E-01	7.33E-01
GPR176	0.27	5.11E-01	1.00E+00	0.88	1.78E-01	7.33E-01
Z95115.1	0.04	9.10E-01	1.00E+00	-0.69	1.78E-01	7.33E-01
ACAN	-0.42	6.07E-01	1.00E+00	1.53	1.78E-01	7.33E-01
TYMP	-0.49	5.04E-01	1.00E+00	1.32	1.78E-01	7.33E-01
SPECC1L	0.20	4.65E-01	1.00E+00	0.65	1.78E-01	7.33E-01
G2E3	0.72	1.36E-01	1.00E+00	-0.45	1.78E-01	7.33E-01
GATA3	0.11	7.93E-01	1.00E+00	-0.75	1.78E-01	7.33E-01
NBPF9	-0.12	7.10E-01	1.00E+00	0.55	1.78E-01	7.33E-01
ARL6IP1	0.60	2.28E-03	2.42E-01	-0.41	1.78E-01	7.33E-01
AP2A1	-0.16	5.30E-01	1.00E+00	0.80	1.78E-01	7.33E-01
RINL	-0.15	6.14E-01	1.00E+00	0.32	1.78E-01	7.33E-01
HTATSF1	0.10	6.52E-01	1.00E+00	-0.31	1.79E-01	7.33E-01
AP000547.3	-0.13	7.73E-01	1.00E+00	-0.72	1.79E-01	7.33E-01
ZNF781	0.29	7.68E-01	1.00E+00	-1.14	1.79E-01	7.33E-01
ID1	-0.81	3.35E-02	1.00E+00	0.43	1.79E-01	7.33E-01
NPIPB13	-0.51	6.82E-01	1.00E+00	0.79	1.79E-01	7.33E-01
AC132008.2	-0.02	9.31E-01	1.00E+00	-0.35	1.79E-01	7.33E-01
GRK5	0.16	7.12E-01	1.00E+00	0.90	1.79E-01	7.33E-01
AC060766.1	1.14	1.75E-01	1.00E+00	1.12	1.79E-01	7.33E-01
APOL1	-0.90	1.42E-01	1.00E+00	1.01	1.79E-01	7.33E-01
SLCO6A1	-0.80	8.18E-01	1.00E+00	-3.87	1.79E-01	7.33E-01
AC009005.1	-2.69	2.51E-01	1.00E+00	1.11	1.79E-01	7.33E-01
LYNX1	-0.30	3.27E-01	1.00E+00	0.72	1.79E-01	7.33E-01
AC048382.5	1.29	2.98E-01	1.00E+00	-0.99	1.79E-01	7.33E-01
AACSP1	-0.81	4.38E-01	1.00E+00	2.00	1.79E-01	7.33E-01
AP000640.1	0.56	6.22E-01	1.00E+00	0.81	1.79E-01	7.33E-01
LRRCC1	0.23	5.70E-01	1.00E+00	-0.33	1.79E-01	7.34E-01
XLOC_007531	-2.21	5.19E-01	1.00E+00	2.48	1.79E-01	7.34E-01
ABL1	0.19	4.86E-01	1.00E+00	0.80	1.79E-01	7.34E-01
CLUHP3	0.15	8.13E-01	1.00E+00	0.74	1.79E-01	7.34E-01

AC103769.1	-0.13	9.20E-01	1.00E+00	1.08	1.79E-01	7.34E-01
RP11-203I2.1	-2.01	4.55E-02	1.00E+00	0.85	1.79E-01	7.34E-01
SERTAD4-AS1	-0.02	9.62E-01	1.00E+00	-0.58	1.79E-01	7.34E-01
CCDC38	-1.59	6.03E-01	1.00E+00	-1.37	1.79E-01	7.34E-01
TSC22D2	-0.26	2.44E-01	1.00E+00	0.43	1.80E-01	7.34E-01
JRK	0.33	4.90E-01	1.00E+00	0.54	1.80E-01	7.34E-01
RRP8	-0.20	4.32E-01	1.00E+00	-0.22	1.80E-01	7.34E-01
SLC25A16	0.27	5.07E-01	1.00E+00	-0.56	1.80E-01	7.34E-01
UFSP2	0.12	5.82E-01	1.00E+00	-0.35	1.80E-01	7.34E-01
NCK1-DT	-0.29	5.42E-01	1.00E+00	-0.61	1.80E-01	7.34E-01
AC007613.1	-0.25	8.93E-01	1.00E+00	-1.35	1.80E-01	7.34E-01
XLOC_010031	-0.92	7.64E-01	1.00E+00	-1.48	1.80E-01	7.34E-01
ZMYM6	0.41	1.62E-01	1.00E+00	-0.36	1.80E-01	7.34E-01
C18orf25	-0.03	9.05E-01	1.00E+00	0.32	1.80E-01	7.34E-01
LDHA	-0.04	8.27E-01	1.00E+00	-0.27	1.80E-01	7.34E-01
DPYSL3	0.36	3.34E-01	1.00E+00	0.75	1.80E-01	7.34E-01
LINC01089	-0.07	9.26E-01	1.00E+00	-0.54	1.80E-01	7.34E-01
VDAC1	-0.13	3.71E-01	1.00E+00	-0.18	1.80E-01	7.34E-01
ELFN2	-1.19	2.48E-01	1.00E+00	1.48	1.80E-01	7.34E-01
TWIST1	0.01	9.67E-01	1.00E+00	0.84	1.80E-01	7.34E-01
MBOAT1	0.52	3.27E-01	1.00E+00	1.08	1.80E-01	7.34E-01
DISC1FP1	-2.61	3.48E-01	1.00E+00	-1.93	1.80E-01	7.34E-01
INPP1	0.18	5.23E-01	1.00E+00	-0.42	1.80E-01	7.34E-01
DLST	0.17	4.07E-01	1.00E+00	0.76	1.80E-01	7.34E-01
AC087289.5	0.76	6.21E-01	1.00E+00	-1.57	1.80E-01	7.34E-01
GSKIP	0.30	4.38E-01	1.00E+00	-0.52	1.80E-01	7.35E-01
SLC12A9-AS1	-0.86	3.77E-01	1.00E+00	-0.71	1.80E-01	7.35E-01
AP4B1	0.10	7.49E-01	1.00E+00	-0.28	1.80E-01	7.35E-01
HIST2H2AB	-2.30	4.98E-01	1.00E+00	1.82	1.80E-01	7.35E-01
ZCCHC14	-0.24	3.94E-01	1.00E+00	0.63	1.80E-01	7.35E-01
AC010616.1	-0.37	7.71E-01	1.00E+00	2.00	1.80E-01	7.35E-01
JUN	-1.21	3.79E-02	1.00E+00	0.70	1.80E-01	7.35E-01

NMD3P1	0.36	7.29E-01	1.00E+00	1.47	1.81E-01	7.35E-01
OXNAD1	0.11	6.28E-01	1.00E+00	-0.27	1.81E-01	7.35E-01
SNRPGP15	-1.84	2.25E-01	1.00E+00	-0.54	1.81E-01	7.35E-01
AC095057.3	-0.83	4.72E-01	1.00E+00	-1.21	1.81E-01	7.35E-01
XLOC_014397	-0.80	5.03E-01	1.00E+00	1.35	1.81E-01	7.35E-01
NBPF12	0.41	2.98E-01	1.00E+00	0.54	1.81E-01	7.36E-01
ATP11C	0.13	5.62E-01	1.00E+00	0.62	1.81E-01	7.36E-01
AL109766.1	0.55	8.46E-01	1.00E+00	-1.05	1.81E-01	7.36E-01
SLC29A4	2.00	1.07E-01	1.00E+00	-1.04	1.81E-01	7.36E-01
EPC1	-0.05	7.87E-01	1.00E+00	0.27	1.81E-01	7.36E-01
UBL5	0.11	4.54E-01	1.00E+00	-0.37	1.81E-01	7.36E-01
BTBD6	0.08	6.86E-01	1.00E+00	-0.68	1.81E-01	7.36E-01
EVA1C	-0.19	5.37E-01	1.00E+00	-0.29	1.81E-01	7.36E-01
SDHB	-0.06	7.31E-01	1.00E+00	-0.36	1.81E-01	7.36E-01
AURKC	-0.05	9.28E-01	1.00E+00	0.97	1.81E-01	7.36E-01
AC005498.2	-1.61	3.02E-01	1.00E+00	-0.90	1.81E-01	7.36E-01
MT2A	-0.66	1.81E-01	1.00E+00	0.52	1.81E-01	7.36E-01
AL121894.2	1.33	1.41E-01	1.00E+00	1.36	1.81E-01	7.36E-01
IYD	-1.71	2.50E-01	1.00E+00	-1.65	1.81E-01	7.36E-01
LRRC34	0.84	2.89E-01	1.00E+00	-0.69	1.81E-01	7.36E-01
ATP5F1EP2	NA	NA	NA	-0.80	1.81E-01	7.36E-01
MDH1B	-0.39	5.27E-01	1.00E+00	-1.07	1.81E-01	7.36E-01
TMEM199	0.02	9.24E-01	1.00E+00	-0.30	1.81E-01	7.36E-01
SPATS2	-0.13	5.99E-01	1.00E+00	-0.35	1.81E-01	7.36E-01
ZNF8	0.16	7.38E-01	1.00E+00	0.49	1.81E-01	7.36E-01
NT5C3AP1	-0.58	8.67E-01	1.00E+00	0.97	1.81E-01	7.36E-01
RP11-397O4.1	-0.56	8.73E-01	1.00E+00	4.21	1.81E-01	7.36E-01
ZBTB42	-0.02	9.50E-01	1.00E+00	0.81	1.81E-01	7.36E-01
LINC01562	0.13	9.71E-01	1.00E+00	1.90	1.82E-01	7.36E-01
AC064807.1	-0.42	2.27E-01	1.00E+00	-0.34	1.82E-01	7.36E-01
AC099789.1	NA	NA	NA	-1.24	1.82E-01	7.36E-01
OLFM2	-0.17	5.39E-01	1.00E+00	-0.53	1.82E-01	7.36E-01

GALNT6	-1.49	2.20E-03	2.39E-01	0.80	1.82E-01	7.36E-01
AC020915.1	-1.35	2.63E-01	1.00E+00	1.19	1.82E-01	7.36E-01
FARP1	-0.20	6.31E-01	1.00E+00	0.64	1.82E-01	7.36E-01
ZNF543	-0.23	4.90E-01	1.00E+00	-0.33	1.82E-01	7.36E-01
LETM2	0.24	6.27E-01	1.00E+00	0.64	1.82E-01	7.36E-01
AC058791.1	0.16	8.80E-01	1.00E+00	0.82	1.82E-01	7.36E-01
NLRP12	-0.43	6.73E-01	1.00E+00	1.81	1.82E-01	7.36E-01
AC130895.1	1.68	6.26E-01	1.00E+00	-1.17	1.82E-01	7.36E-01
FBN1	0.24	6.72E-01	1.00E+00	0.81	1.82E-01	7.36E-01
AL359764.1	-1.48	2.88E-01	1.00E+00	-2.32	1.82E-01	7.36E-01
NEMP2	0.47	8.36E-02	1.00E+00	0.47	1.82E-01	7.36E-01
AC069209.1	-0.68	4.93E-01	1.00E+00	-1.30	1.82E-01	7.37E-01
GPR150	0.33	6.34E-01	1.00E+00	1.30	1.82E-01	7.37E-01
CDC26	0.28	2.88E-01	1.00E+00	-0.48	1.82E-01	7.37E-01
TCF25	-0.05	7.66E-01	1.00E+00	0.21	1.82E-01	7.37E-01
AC083798.2	-0.47	2.71E-01	1.00E+00	-0.66	1.82E-01	7.37E-01
XLOC_013952	-0.21	8.36E-01	1.00E+00	1.21	1.82E-01	7.37E-01
RGMA	-0.19	7.10E-01	1.00E+00	0.75	1.82E-01	7.37E-01
PLXDC2	-0.23	4.28E-01	1.00E+00	0.32	1.82E-01	7.37E-01
TPT1P4	0.65	6.49E-01	1.00E+00	-0.76	1.82E-01	7.37E-01
BATF	-0.33	5.39E-01	1.00E+00	1.11	1.83E-01	7.37E-01
AF131216.4	-2.39	3.82E-01	1.00E+00	1.70	1.83E-01	7.37E-01
NOS2	0.41	6.44E-01	1.00E+00	-1.48	1.83E-01	7.37E-01
MRPL48	-0.04	8.16E-01	1.00E+00	-0.30	1.83E-01	7.37E-01
XLOC_013591	-0.39	8.29E-01	1.00E+00	1.38	1.83E-01	7.37E-01
EMC10	-0.23	2.72E-01	1.00E+00	0.63	1.83E-01	7.37E-01
HECW2	-0.30	5.27E-01	1.00E+00	0.72	1.83E-01	7.37E-01
TIMM9	0.21	2.53E-01	1.00E+00	-0.33	1.83E-01	7.37E-01
TMEM59	0.17	3.26E-01	1.00E+00	-0.43	1.83E-01	7.37E-01
LINC00517	-1.04	2.56E-01	1.00E+00	1.23	1.83E-01	7.37E-01
AC010148.1	-2.45	2.30E-01	1.00E+00	1.23	1.83E-01	7.37E-01
AP003119.2	-0.55	4.01E-01	1.00E+00	-0.94	1.83E-01	7.37E-01

LINC01788	NA	NA	NA	2.41	1.83E-01	7.37E-01
ISCU	0.05	8.25E-01	1.00E+00	-0.39	1.83E-01	7.37E-01
XLOC_011112	3.97	3.98E-02	1.00E+00	-1.76	1.83E-01	7.37E-01
AL096816.1	-0.50	8.46E-01	1.00E+00	2.04	1.83E-01	7.37E-01
GNG2	0.55	2.61E-01	1.00E+00	-0.62	1.83E-01	7.37E-01
C22orf46	-0.22	4.57E-01	1.00E+00	0.68	1.83E-01	7.37E-01
LINC00643	1.07	6.29E-01	1.00E+00	-1.94	1.83E-01	7.37E-01
TRABD	-0.17	4.78E-01	1.00E+00	0.67	1.83E-01	7.37E-01
FAM86HP	0.11	8.34E-01	1.00E+00	-0.70	1.83E-01	7.37E-01
AC118553.2	-1.19	7.30E-01	1.00E+00	0.97	1.83E-01	7.37E-01
RPS7P14	NA	NA	NA	-1.17	1.83E-01	7.37E-01
Z93930.2	-0.05	9.10E-01	1.00E+00	-0.60	1.83E-01	7.37E-01
STXBP4	-0.14	6.50E-01	1.00E+00	-0.53	1.83E-01	7.37E-01
TERF2IP	0.13	4.04E-01	1.00E+00	-0.62	1.83E-01	7.37E-01
AC083841.1	0.54	6.89E-01	1.00E+00	0.93	1.83E-01	7.37E-01
MAP4K4	-0.07	7.85E-01	1.00E+00	0.70	1.83E-01	7.37E-01
PIK3IP1-AS1	-0.36	8.98E-01	1.00E+00	-1.23	1.84E-01	7.37E-01
ING2	-0.53	4.44E-02	1.00E+00	-0.35	1.84E-01	7.37E-01
ITPRID1	-0.04	9.63E-01	1.00E+00	-1.02	1.84E-01	7.37E-01
AL162430.1	-2.01	5.20E-01	1.00E+00	-0.96	1.84E-01	7.37E-01
PRUNE1	0.36	7.72E-02	1.00E+00	-0.38	1.84E-01	7.37E-01
FSCN1	-0.87	2.82E-04	6.27E-02	0.78	1.84E-01	7.37E-01
NOL11	-0.05	8.39E-01	1.00E+00	-0.21	1.84E-01	7.38E-01
RAD51C	0.11	6.77E-01	1.00E+00	-0.45	1.84E-01	7.38E-01
IGFBP3	1.02	6.39E-03	4.79E-01	0.56	1.84E-01	7.38E-01
AWAT1	0.37	8.33E-01	1.00E+00	-1.60	1.84E-01	7.38E-01
DIAPH2	-0.17	4.26E-01	1.00E+00	-0.36	1.84E-01	7.38E-01
ALDH3A2	0.27	3.25E-01	1.00E+00	-0.39	1.84E-01	7.38E-01
RHOBTB2	0.34	4.26E-01	1.00E+00	0.79	1.84E-01	7.38E-01
C10orf143	-0.22	4.70E-01	1.00E+00	-0.33	1.84E-01	7.38E-01
VSTM2A	-0.72	5.00E-01	1.00E+00	1.50	1.84E-01	7.38E-01
EI24P2	NA	NA	NA	-1.13	1.84E-01	7.38E-01

ADAM33	0.32	4.21E-01	1.00E+00	0.81	1.84E-01	7.39E-01
CCDC80	0.71	2.82E-01	1.00E+00	0.71	1.84E-01	7.39E-01
SLC35F6	-0.03	9.07E-01	1.00E+00	0.44	1.84E-01	7.39E-01
PPP2R2A	0.04	8.43E-01	1.00E+00	0.30	1.84E-01	7.39E-01
AKTIP	0.10	6.69E-01	1.00E+00	-0.33	1.84E-01	7.39E-01
RCAN3	0.12	7.07E-01	1.00E+00	-0.36	1.84E-01	7.39E-01
XPOTP1	-0.80	7.72E-01	1.00E+00	-1.43	1.84E-01	7.39E-01
PEX2	0.34	4.50E-02	1.00E+00	-0.39	1.84E-01	7.39E-01
TMEM183A	0.02	9.16E-01	1.00E+00	-0.43	1.84E-01	7.39E-01
AC114980.1	0.16	8.25E-01	1.00E+00	1.05	1.85E-01	7.39E-01
CCDC26	-1.96	3.05E-01	1.00E+00	-0.77	1.85E-01	7.39E-01
CABLES1	0.47	4.64E-02	1.00E+00	-0.57	1.85E-01	7.39E-01
XLOC_000633	1.51	6.60E-01	1.00E+00	-1.93	1.85E-01	7.39E-01
CYR61	-1.04	1.07E-04	2.56E-02	0.64	1.85E-01	7.39E-01
PCDHB14	-0.25	3.93E-01	1.00E+00	-0.64	1.85E-01	7.39E-01
AL031282.2	0.05	9.62E-01	1.00E+00	-0.69	1.85E-01	7.39E-01
ZKSCAN2-DT	0.53	7.62E-01	1.00E+00	1.70	1.85E-01	7.39E-01
SRFBP1	-0.25	2.36E-01	1.00E+00	-0.34	1.85E-01	7.39E-01
FOXP2	0.32	3.28E-01	1.00E+00	-0.49	1.85E-01	7.39E-01
ECI1	-0.14	6.13E-01	1.00E+00	-0.85	1.85E-01	7.39E-01
UPF3A	0.06	7.79E-01	1.00E+00	0.32	1.85E-01	7.39E-01
AL136141.1	2.44	2.98E-01	1.00E+00	-1.61	1.85E-01	7.39E-01
NTS	-0.48	8.57E-01	1.00E+00	1.12	1.85E-01	7.39E-01
YEATS2	0.23	5.38E-01	1.00E+00	0.67	1.85E-01	7.39E-01
GPR149	-3.86	2.30E-02	9.12E-01	1.94	1.85E-01	7.39E-01
NUCB1	0.01	9.77E-01	1.00E+00	0.46	1.85E-01	7.39E-01
RAPGEF4	-0.03	9.31E-01	1.00E+00	0.36	1.85E-01	7.39E-01
TSC22D1-AS1	-0.67	5.77E-01	1.00E+00	1.33	1.85E-01	7.39E-01
BTBD10	0.22	3.80E-01	1.00E+00	0.22	1.85E-01	7.39E-01
OGFR-AS1	-1.00	6.27E-01	1.00E+00	1.68	1.85E-01	7.39E-01
XLOC_014080	-0.24	7.87E-01	1.00E+00	1.12	1.85E-01	7.39E-01
FCGRT	0.28	3.15E-01	1.00E+00	0.39	1.85E-01	7.39E-01

GOT1	0.04	8.85E-01	1.00E+00	-0.24	1.85E-01	7.39E-01
LINC00612	-0.03	9.77E-01	1.00E+00	1.14	1.85E-01	7.39E-01
AC018904.1	0.19	8.51E-01	1.00E+00	1.13	1.86E-01	7.39E-01
SOX30	2.32	4.96E-02	1.00E+00	1.44	1.86E-01	7.39E-01
G3BP2	-0.06	7.71E-01	1.00E+00	-0.32	1.86E-01	7.39E-01
MBD3	-0.16	4.78E-01	1.00E+00	0.55	1.86E-01	7.39E-01
MXRA8	0.23	5.86E-01	1.00E+00	0.83	1.86E-01	7.39E-01
KRT18P7	-0.52	8.80E-01	1.00E+00	-2.03	1.86E-01	7.40E-01
TMEM135	0.56	3.11E-01	1.00E+00	-0.84	1.86E-01	7.40E-01
GPI	-0.07	7.93E-01	1.00E+00	-0.21	1.86E-01	7.40E-01
TTN-AS1	-0.32	6.49E-01	1.00E+00	0.49	1.86E-01	7.40E-01
PDE1C	0.34	7.36E-01	1.00E+00	1.18	1.86E-01	7.40E-01
DLEU2	0.03	9.55E-01	1.00E+00	-0.55	1.86E-01	7.40E-01
LINC01537	0.45	5.50E-01	1.00E+00	1.13	1.86E-01	7.40E-01
BST1	0.48	1.56E-01	1.00E+00	0.43	1.86E-01	7.40E-01
TMEM105	-0.13	8.94E-01	1.00E+00	0.98	1.86E-01	7.40E-01
AL645608.1	-3.22	3.41E-01	1.00E+00	1.80	1.86E-01	7.40E-01
ABCA2	-0.27	4.22E-01	1.00E+00	0.77	1.86E-01	7.40E-01
KDM6B	-0.49	5.74E-02	1.00E+00	0.84	1.86E-01	7.40E-01
TTC34	-0.50	6.24E-01	1.00E+00	1.88	1.86E-01	7.40E-01
UNG	0.10	6.66E-01	1.00E+00	-0.31	1.86E-01	7.40E-01
OXLD1	-0.08	7.41E-01	1.00E+00	-0.33	1.86E-01	7.40E-01
TRGV3	0.67	7.97E-01	1.00E+00	1.16	1.86E-01	7.40E-01
ZBTB24	-0.21	4.62E-01	1.00E+00	-0.45	1.86E-01	7.40E-01
RPA2	-0.09	7.37E-01	1.00E+00	-0.40	1.86E-01	7.40E-01
IL18R1	0.04	9.35E-01	1.00E+00	0.49	1.86E-01	7.40E-01
C16orf87	0.08	7.69E-01	1.00E+00	-0.36	1.86E-01	7.40E-01
LINC01389	-0.95	6.14E-01	1.00E+00	-1.58	1.86E-01	7.40E-01
G38630	-0.35	8.16E-01	1.00E+00	-1.81	1.86E-01	7.40E-01
DTD1	0.06	7.59E-01	1.00E+00	-0.35	1.87E-01	7.41E-01
ZNF487	-0.33	2.89E-01	1.00E+00	-0.45	1.87E-01	7.41E-01
WNT16	0.10	8.16E-01	1.00E+00	-0.97	1.87E-01	7.41E-01

EPG5	0.16	5.38E-01	1.00E+00	0.63	1.87E-01	7.41E-01
MIR583HG	2.12	1.95E-01	1.00E+00	-1.62	1.87E-01	7.41E-01
PTP4A2	0.23	3.95E-01	1.00E+00	-0.48	1.87E-01	7.41E-01
SVEP1	1.07	4.52E-02	1.00E+00	0.82	1.87E-01	7.41E-01
AC079414.3	0.35	6.11E-01	1.00E+00	-0.73	1.87E-01	7.41E-01
CPT1A	0.03	9.28E-01	1.00E+00	0.86	1.87E-01	7.41E-01
G34382	-0.22	8.68E-01	1.00E+00	-1.26	1.87E-01	7.41E-01
PELO	-0.25	1.32E-01	1.00E+00	0.20	1.87E-01	7.41E-01
NKAPP1	-0.09	8.12E-01	1.00E+00	-0.36	1.87E-01	7.41E-01
AC012186.3	0.56	8.71E-01	1.00E+00	2.37	1.87E-01	7.41E-01
PSRC1	-0.01	9.74E-01	1.00E+00	0.60	1.87E-01	7.41E-01
TIMM50	-0.20	2.62E-01	1.00E+00	0.17	1.87E-01	7.41E-01
GJB1	-1.07	9.47E-02	1.00E+00	-0.84	1.87E-01	7.41E-01
HSF1	-0.16	4.93E-01	1.00E+00	0.45	1.87E-01	7.41E-01
G32232	-3.30	1.13E-01	1.00E+00	-1.38	1.87E-01	7.41E-01
GTF2IP4	-0.10	7.65E-01	1.00E+00	-0.50	1.87E-01	7.41E-01
MAN2B1	-0.47	3.19E-02	1.00E+00	0.71	1.87E-01	7.41E-01
HEATR6	0.27	2.38E-01	1.00E+00	0.41	1.87E-01	7.41E-01
TUB	0.35	5.21E-01	1.00E+00	0.79	1.87E-01	7.41E-01
IFIT5	0.18	7.48E-01	1.00E+00	0.45	1.87E-01	7.41E-01
HSD11B2	-1.21	2.51E-02	9.28E-01	-0.76	1.87E-01	7.41E-01
ATG13	0.06	7.76E-01	1.00E+00	0.27	1.87E-01	7.41E-01
POM121L9P	-0.57	4.51E-01	1.00E+00	1.22	1.87E-01	7.41E-01
APMAP	0.34	4.17E-01	1.00E+00	-0.46	1.87E-01	7.41E-01
HSPE1	-0.01	9.74E-01	1.00E+00	-0.69	1.88E-01	7.41E-01
XLOC_007718	0.65	7.39E-01	1.00E+00	-1.29	1.88E-01	7.41E-01
AC092376.1	-0.12	9.73E-01	1.00E+00	1.60	1.88E-01	7.41E-01
HIST1H4I	0.21	7.21E-01	1.00E+00	-0.35	1.88E-01	7.41E-01
ACER2	0.34	4.65E-01	1.00E+00	0.93	1.88E-01	7.41E-01
RPS6KB2	-0.08	8.39E-01	1.00E+00	0.43	1.88E-01	7.41E-01
ARF1	0.00	9.95E-01	1.00E+00	0.15	1.88E-01	7.41E-01
SLAIN2	-0.14	6.24E-01	1.00E+00	-0.33	1.88E-01	7.41E-01

AL513304.1	-0.12	9.73E-01	1.00E+00	2.52	1.88E-01	7.41E-01
RLIM	0.00	9.92E-01	1.00E+00	0.28	1.88E-01	7.41E-01
G31356	-1.37	3.02E-01	1.00E+00	-0.89	1.88E-01	7.42E-01
XAGE3	NA	NA	NA	-2.57	1.88E-01	7.42E-01
AL137784.1	0.65	3.50E-01	1.00E+00	-0.89	1.88E-01	7.42E-01
IGHV4-39	7.65	4.27E-06	1.39E-03	4.14	1.88E-01	7.42E-01
MAGEE2	-0.54	6.31E-01	1.00E+00	1.80	1.88E-01	7.42E-01
WTAP	-0.04	8.34E-01	1.00E+00	0.25	1.88E-01	7.42E-01
EFCAB7	-0.31	3.22E-01	1.00E+00	-0.51	1.88E-01	7.42E-01
XLOC_005571	0.31	6.65E-01	1.00E+00	1.48	1.88E-01	7.42E-01
AC019205.1	-0.56	1.72E-01	1.00E+00	-0.41	1.88E-01	7.42E-01
AC013565.1	-3.16	3.09E-02	1.00E+00	-1.23	1.88E-01	7.42E-01
TMEM191A	-0.10	7.27E-01	1.00E+00	0.42	1.88E-01	7.42E-01
PRCC	-0.31	1.66E-01	1.00E+00	0.27	1.88E-01	7.42E-01
NDUFA4	0.02	9.35E-01	1.00E+00	-0.49	1.88E-01	7.42E-01
FRAS1	-0.45	4.30E-01	1.00E+00	1.04	1.89E-01	7.42E-01
EP400P1	-0.63	1.70E-01	1.00E+00	0.46	1.89E-01	7.42E-01
G38642	4.62	2.34E-02	9.15E-01	-1.65	1.89E-01	7.42E-01
ARSI	-0.40	3.65E-01	1.00E+00	0.92	1.89E-01	7.42E-01
SYVN1	-0.07	7.48E-01	1.00E+00	0.54	1.89E-01	7.42E-01
KHK	0.11	6.21E-01	1.00E+00	-0.40	1.89E-01	7.42E-01
HS3ST2	0.49	4.08E-01	1.00E+00	1.10	1.89E-01	7.42E-01
RNF144A-AS1	-3.28	1.26E-02	7.01E-01	1.32	1.89E-01	7.43E-01
NMT2	0.55	7.45E-02	1.00E+00	-0.51	1.89E-01	7.43E-01
HIST2H4A	-1.35	1.88E-01	1.00E+00	-0.78	1.89E-01	7.43E-01
CYP7A1	0.48	8.88E-01	1.00E+00	-2.29	1.89E-01	7.43E-01
GFER	0.07	8.04E-01	1.00E+00	0.63	1.89E-01	7.44E-01
RPL29	-0.28	3.52E-01	1.00E+00	0.38	1.89E-01	7.44E-01
AL137026.1	-2.29	3.84E-01	1.00E+00	-1.16	1.89E-01	7.44E-01
AL513165.1	-0.24	6.80E-01	1.00E+00	0.99	1.89E-01	7.44E-01
AC234781.1	0.70	5.28E-01	1.00E+00	0.77	1.89E-01	7.44E-01
TNFRSF1B	0.28	4.56E-01	1.00E+00	0.92	1.90E-01	7.44E-01

ZHX2	0.18	5.28E-01	1.00E+00	0.34	1.90E-01	7.44E-01
CEP350	-0.25	3.40E-01	1.00E+00	-0.36	1.90E-01	7.44E-01
AL009174.1	-0.80	4.04E-01	1.00E+00	-0.77	1.90E-01	7.45E-01
ZNF668	-0.23	4.07E-01	1.00E+00	0.53	1.90E-01	7.45E-01
AREL1	0.05	8.19E-01	1.00E+00	0.51	1.90E-01	7.45E-01
LPCAT1	-0.15	6.45E-01	1.00E+00	0.88	1.90E-01	7.45E-01
AL133163.1	1.19	5.71E-01	1.00E+00	-1.66	1.90E-01	7.45E-01
GPAM	3.96	5.64E-03	4.46E-01	-1.00	1.90E-01	7.45E-01
SCML1	0.07	8.87E-01	1.00E+00	-0.42	1.90E-01	7.45E-01
AC016866.1	-0.53	5.31E-01	1.00E+00	0.86	1.90E-01	7.45E-01
NAE1	-0.20	3.42E-01	1.00E+00	-0.41	1.90E-01	7.45E-01
OR7E15P	0.50	7.91E-01	1.00E+00	-2.26	1.90E-01	7.45E-01
SOX6	0.01	9.74E-01	1.00E+00	-0.50	1.90E-01	7.45E-01
SDSL	-0.18	6.47E-01	1.00E+00	0.78	1.90E-01	7.45E-01
GPT	0.08	8.55E-01	1.00E+00	-0.47	1.90E-01	7.45E-01
DLG1	0.41	5.08E-02	1.00E+00	-0.73	1.90E-01	7.45E-01
RTN1	-0.58	1.53E-01	1.00E+00	-1.00	1.90E-01	7.45E-01
UNC50	-0.01	9.53E-01	1.00E+00	-0.40	1.90E-01	7.45E-01
FLOT1	0.18	6.39E-01	1.00E+00	0.49	1.90E-01	7.45E-01
GCNT7	-0.09	9.69E-01	1.00E+00	-1.34	1.90E-01	7.45E-01
HERC2P2	-0.34	5.84E-01	1.00E+00	0.81	1.91E-01	7.45E-01
SCTR	1.19	5.66E-01	1.00E+00	-1.28	1.91E-01	7.45E-01
HSPE1P25	-0.80	8.18E-01	1.00E+00	-0.99	1.91E-01	7.45E-01
GTF2IP20	-0.05	9.35E-01	1.00E+00	0.91	1.91E-01	7.45E-01
XLOC_000019	-0.72	1.02E-01	1.00E+00	0.80	1.91E-01	7.45E-01
AC034199.1	NA	NA	NA	2.39	1.91E-01	7.45E-01
AC062017.1	0.14	8.77E-01	1.00E+00	-0.88	1.91E-01	7.45E-01
BEX5	-0.60	1.49E-01	1.00E+00	-0.43	1.91E-01	7.45E-01
ZBTB38	0.04	8.24E-01	1.00E+00	0.20	1.91E-01	7.45E-01
DGAT2	1.41	3.82E-03	3.38E-01	-0.67	1.91E-01	7.45E-01
SRSF10	0.12	7.05E-01	1.00E+00	-0.34	1.91E-01	7.45E-01
TMEM230	0.18	5.87E-01	1.00E+00	-0.47	1.91E-01	7.45E-01

SPOPL	0.08	8.24E-01	1.00E+00	0.31	1.91E-01	7.45E-01
ZNF787	-0.11	6.80E-01	1.00E+00	1.01	1.91E-01	7.45E-01
AL158206.1	0.95	3.55E-02	1.00E+00	-0.65	1.91E-01	7.45E-01
AC009961.1	-0.85	2.71E-01	1.00E+00	-0.68	1.91E-01	7.45E-01
DMRT3	-0.12	8.87E-01	1.00E+00	1.11	1.91E-01	7.45E-01
CLEC2B	0.15	7.03E-01	1.00E+00	-0.61	1.91E-01	7.45E-01
WDR86-AS1	-0.13	9.25E-01	1.00E+00	-1.22	1.91E-01	7.46E-01
CIDECP	0.20	4.49E-01	1.00E+00	-0.41	1.91E-01	7.46E-01
EIF5AL1	-0.67	3.70E-01	1.00E+00	-0.62	1.91E-01	7.46E-01
ATP6AP1	-0.08	6.91E-01	1.00E+00	0.28	1.91E-01	7.46E-01
SH3GLB1	0.10	6.41E-01	1.00E+00	-0.15	1.91E-01	7.46E-01
MT-ND5	-0.10	7.98E-01	1.00E+00	-0.44	1.91E-01	7.46E-01
DACT2	-0.29	4.26E-01	1.00E+00	-0.89	1.91E-01	7.46E-01
ZNF383	0.22	4.60E-01	1.00E+00	-0.41	1.91E-01	7.46E-01
GMPR2	0.05	7.70E-01	1.00E+00	0.18	1.91E-01	7.46E-01
G22255	-0.96	3.07E-01	1.00E+00	-1.34	1.91E-01	7.46E-01
AC100854.1	0.17	8.16E-01	1.00E+00	1.06	1.91E-01	7.46E-01
PLN	-0.06	9.36E-01	1.00E+00	-0.65	1.91E-01	7.46E-01
ZNF615	0.31	2.62E-01	1.00E+00	-0.41	1.91E-01	7.46E-01
CERKL	0.04	9.35E-01	1.00E+00	0.64	1.91E-01	7.46E-01
AC008555.5	0.26	6.38E-01	1.00E+00	-0.71	1.92E-01	7.46E-01
SCRN1	0.07	8.46E-01	1.00E+00	0.39	1.92E-01	7.46E-01
AC079140.2	0.41	8.14E-01	1.00E+00	-0.91	1.92E-01	7.46E-01
CEP95	-0.18	5.97E-01	1.00E+00	0.26	1.92E-01	7.46E-01
AL445223.1	1.13	7.44E-01	1.00E+00	-2.80	1.92E-01	7.46E-01
CDH15	-2.41	1.45E-01	1.00E+00	1.57	1.92E-01	7.46E-01
ZNF345	-0.01	9.68E-01	1.00E+00	-0.55	1.92E-01	7.46E-01
LINC02235	-1.00	5.36E-01	1.00E+00	-1.44	1.92E-01	7.46E-01
HMGN3	0.18	3.54E-01	1.00E+00	-0.56	1.92E-01	7.46E-01
G29816	-0.50	6.26E-01	1.00E+00	-1.11	1.92E-01	7.46E-01
MGST3	0.08	8.02E-01	1.00E+00	-0.44	1.92E-01	7.46E-01
ILF3	-0.09	5.82E-01	1.00E+00	0.44	1.92E-01	7.46E-01

TAF15	-0.15	4.96E-01	1.00E+00	0.98	1.92E-01	7.46E-01
TFCP2L1	0.15	8.19E-01	1.00E+00	-0.63	1.92E-01	7.46E-01
BRD2	-0.09	7.20E-01	1.00E+00	0.51	1.92E-01	7.46E-01
HS3ST3A1	-1.76	2.16E-05	6.33E-03	1.36	1.92E-01	7.46E-01
RHOF	-0.83	3.95E-01	1.00E+00	0.80	1.92E-01	7.46E-01
C17orf100	-0.06	8.55E-01	1.00E+00	-0.53	1.92E-01	7.46E-01
HAAO	0.10	7.42E-01	1.00E+00	0.40	1.92E-01	7.46E-01
AC109347.2	-1.58	3.88E-01	1.00E+00	0.85	1.92E-01	7.46E-01
CPNE5	-0.81	9.61E-02	1.00E+00	0.74	1.92E-01	7.46E-01
EEF1DP4	-2.31	8.95E-02	1.00E+00	-1.98	1.92E-01	7.46E-01
C5orf67	-1.42	1.59E-01	1.00E+00	-1.49	1.92E-01	7.46E-01
AL022323.4	0.34	7.97E-01	1.00E+00	1.08	1.92E-01	7.46E-01
EFCAB10	-1.18	2.11E-01	1.00E+00	0.77	1.92E-01	7.46E-01
MAPK3	-0.09	6.23E-01	1.00E+00	0.63	1.92E-01	7.46E-01
COX7A1	0.26	6.80E-01	1.00E+00	-0.65	1.92E-01	7.46E-01
XLOC_009459	-0.09	9.54E-01	1.00E+00	1.12	1.92E-01	7.46E-01
TIRAP	0.12	7.79E-01	1.00E+00	0.41	1.92E-01	7.46E-01
INTS2	0.24	4.05E-01	1.00E+00	-0.33	1.93E-01	7.46E-01
QRSL1	0.08	6.72E-01	1.00E+00	0.28	1.93E-01	7.46E-01
TNFRSF13C	-0.45	4.57E-01	1.00E+00	0.78	1.93E-01	7.46E-01
AL031281.2	-0.46	6.95E-01	1.00E+00	1.16	1.93E-01	7.46E-01
LINC01287	2.74	4.16E-01	1.00E+00	2.39	1.93E-01	7.46E-01
CBR3-AS1	0.25	5.06E-01	1.00E+00	-0.58	1.93E-01	7.46E-01
PICSAR	-0.46	2.04E-01	1.00E+00	0.88	1.93E-01	7.46E-01
S100P	-0.85	1.04E-01	1.00E+00	0.72	1.93E-01	7.46E-01
AL590560.1	-0.99	1.16E-01	1.00E+00	-1.25	1.93E-01	7.46E-01
AL596244.1	0.14	8.04E-01	1.00E+00	1.17	1.93E-01	7.46E-01
AC087294.1	-1.92	2.08E-01	1.00E+00	-1.53	1.93E-01	7.46E-01
TEF	-0.47	1.80E-01	1.00E+00	-0.49	1.93E-01	7.46E-01
PALD1	0.22	4.75E-01	1.00E+00	1.01	1.93E-01	7.46E-01
AC011447.3	0.72	5.09E-01	1.00E+00	1.38	1.93E-01	7.46E-01
RUFY3	-0.31	2.05E-01	1.00E+00	-0.37	1.93E-01	7.46E-01

BRWD1-IT2	-0.15	8.19E-01	1.00E+00	-1.07	1.93E-01	7.46E-01
FTH1P7	0.53	5.31E-01	1.00E+00	-0.72	1.93E-01	7.46E-01
TMEM243	0.30	1.67E-01	1.00E+00	-0.30	1.93E-01	7.46E-01
ANKRD20A7P	1.22	3.45E-01	1.00E+00	1.38	1.93E-01	7.46E-01
TESC	0.08	9.07E-01	1.00E+00	-0.79	1.93E-01	7.46E-01
SMG7	-0.04	8.49E-01	1.00E+00	0.37	1.93E-01	7.46E-01
SPOP	0.33	1.03E-01	1.00E+00	-0.23	1.93E-01	7.46E-01
AC104563.1	0.63	6.52E-01	1.00E+00	-0.84	1.93E-01	7.46E-01
CCR10	-0.45	6.05E-01	1.00E+00	0.75	1.93E-01	7.46E-01
AC245060.4	-0.07	8.09E-01	1.00E+00	-0.36	1.93E-01	7.46E-01
FAM72C	-0.15	9.19E-01	1.00E+00	-0.97	1.93E-01	7.46E-01
C22orf24	-2.57	2.37E-01	1.00E+00	1.62	1.93E-01	7.46E-01
SMILR	-0.69	6.76E-01	1.00E+00	1.59	1.93E-01	7.46E-01
LMBR1	0.05	7.56E-01	1.00E+00	-0.43	1.93E-01	7.46E-01
TTC25	-0.20	7.64E-01	1.00E+00	-0.72	1.93E-01	7.46E-01
NLGN3	-0.03	9.51E-01	1.00E+00	0.87	1.93E-01	7.46E-01
CYLD	0.00	1.00E+00	1.00E+00	0.34	1.93E-01	7.46E-01
AC004975.2	-2.79	1.72E-02	8.25E-01	1.73	1.94E-01	7.46E-01
AL157395.1	-2.30	1.54E-01	1.00E+00	-1.60	1.94E-01	7.46E-01
RTN4RL1	0.28	2.49E-01	1.00E+00	-0.99	1.94E-01	7.46E-01
AC007671.1	1.10	4.97E-01	1.00E+00	1.61	1.94E-01	7.46E-01
KLRG1	1.19	1.95E-01	1.00E+00	-0.84	1.94E-01	7.46E-01
CFLAR	-0.01	9.57E-01	1.00E+00	0.36	1.94E-01	7.46E-01
COLEC11	-0.34	6.83E-01	1.00E+00	1.15	1.94E-01	7.46E-01
FABP5P7	-0.03	9.35E-01	1.00E+00	0.53	1.94E-01	7.46E-01
AC007342.3	0.13	9.70E-01	1.00E+00	1.40	1.94E-01	7.46E-01
EIF3LP2	-0.50	8.26E-01	1.00E+00	-0.91	1.94E-01	7.46E-01
KPNA6	0.04	7.79E-01	1.00E+00	0.29	1.94E-01	7.46E-01
BZW1P2	-0.05	9.18E-01	1.00E+00	-0.41	1.94E-01	7.46E-01
CD248	0.40	4.22E-01	1.00E+00	0.78	1.94E-01	7.46E-01
SSUH2	-0.66	5.00E-01	1.00E+00	0.98	1.94E-01	7.46E-01
CSTB	-0.01	9.74E-01	1.00E+00	0.33	1.94E-01	7.46E-01

SH3BP5-AS1	0.97	2.70E-01	1.00E+00	0.78	1.94E-01	7.47E-01
AL162231.2	0.36	3.33E-01	1.00E+00	0.56	1.94E-01	7.47E-01
ZNF408	-0.14	6.01E-01	1.00E+00	0.34	1.94E-01	7.47E-01
GRIK4	-0.33	5.71E-01	1.00E+00	-1.17	1.94E-01	7.47E-01
SEZ6	-2.60	3.36E-02	1.00E+00	-1.39	1.94E-01	7.47E-01
PPP1R9A	0.72	3.75E-01	1.00E+00	-0.72	1.94E-01	7.47E-01
AC010168.2	0.10	9.05E-01	1.00E+00	0.86	1.94E-01	7.47E-01
POLR2K	0.22	3.24E-01	1.00E+00	-0.52	1.94E-01	7.47E-01
SLIRP	-0.04	8.55E-01	1.00E+00	-0.67	1.94E-01	7.47E-01
LINC02473	-2.44	3.04E-01	1.00E+00	-1.89	1.94E-01	7.47E-01
DLGAP4	-0.22	2.98E-01	1.00E+00	0.26	1.94E-01	7.47E-01
NIT2	-0.02	9.25E-01	1.00E+00	-0.33	1.94E-01	7.47E-01
C6orf222	0.67	5.37E-01	1.00E+00	1.60	1.94E-01	7.47E-01
SDHDP6	1.57	1.57E-01	1.00E+00	-0.67	1.94E-01	7.47E-01
LINC01254	-0.13	7.60E-01	1.00E+00	-1.04	1.94E-01	7.47E-01
DAZAP1	-0.33	2.92E-01	1.00E+00	0.68	1.95E-01	7.47E-01
AL022476.1	0.17	8.90E-01	1.00E+00	-0.99	1.95E-01	7.47E-01
C1QTNF1	0.58	1.74E-01	1.00E+00	0.90	1.95E-01	7.47E-01
KREMEN2	-0.81	1.57E-01	1.00E+00	-1.25	1.95E-01	7.47E-01
G41779	-0.02	9.81E-01	1.00E+00	0.93	1.95E-01	7.47E-01
AC137932.2	-1.83	3.51E-01	1.00E+00	-1.45	1.95E-01	7.47E-01
RABEP2	-0.13	6.18E-01	1.00E+00	0.52	1.95E-01	7.47E-01
AL133371.2	0.53	6.01E-01	1.00E+00	1.86	1.95E-01	7.47E-01
AL161772.1	0.85	3.59E-01	1.00E+00	-1.38	1.95E-01	7.47E-01
RAD54B	-1.22	1.91E-01	1.00E+00	0.64	1.95E-01	7.47E-01
AC006946.2	-0.28	8.26E-01	1.00E+00	-1.20	1.95E-01	7.47E-01
AL160408.1	-2.00	2.91E-01	1.00E+00	1.10	1.95E-01	7.47E-01
NR2C1	0.07	8.35E-01	1.00E+00	-0.31	1.95E-01	7.47E-01
BZW2	-0.06	7.87E-01	1.00E+00	-0.26	1.95E-01	7.47E-01
S100A2	-0.69	9.30E-02	1.00E+00	0.71	1.95E-01	7.47E-01
PLXNB2	-0.26	2.56E-01	1.00E+00	0.73	1.95E-01	7.47E-01
ASH1L-AS1	-0.26	4.98E-01	1.00E+00	0.55	1.95E-01	7.47E-01

BEND3	-0.10	8.09E-01	1.00E+00	0.77	1.95E-01	7.47E-01
TAP1	-0.11	8.05E-01	1.00E+00	0.62	1.95E-01	7.47E-01
TNIP1	0.30	3.04E-01	1.00E+00	0.62	1.95E-01	7.47E-01
HIST1H2BD	-0.65	2.77E-01	1.00E+00	0.55	1.95E-01	7.47E-01
CREM	0.15	6.14E-01	1.00E+00	0.30	1.95E-01	7.48E-01
BPHL	0.11	6.12E-01	1.00E+00	-0.37	1.95E-01	7.48E-01
CARD6	0.46	3.68E-01	1.00E+00	0.87	1.96E-01	7.48E-01
HIST1H4J	1.35	2.23E-01	1.00E+00	0.45	1.96E-01	7.48E-01
AC046158.3	-1.28	7.10E-01	1.00E+00	2.06	1.96E-01	7.48E-01
AC099568.2	-0.41	6.45E-01	1.00E+00	-1.09	1.96E-01	7.48E-01
ESRRAP2	1.57	5.00E-01	1.00E+00	1.42	1.96E-01	7.48E-01
NUDCD1	-0.05	8.74E-01	1.00E+00	-0.32	1.96E-01	7.48E-01
ENKD1	-0.20	4.52E-01	1.00E+00	0.63	1.96E-01	7.48E-01
POFUT2	0.23	5.68E-01	1.00E+00	0.79	1.96E-01	7.48E-01
JARID2-AS1	-0.33	8.23E-01	1.00E+00	1.26	1.96E-01	7.48E-01
SPATA6L	0.80	1.48E-01	1.00E+00	0.55	1.96E-01	7.49E-01
IL17C	-1.72	6.11E-01	1.00E+00	1.92	1.96E-01	7.49E-01
RRAGD	0.14	7.02E-01	1.00E+00	-0.44	1.96E-01	7.49E-01
FAM204A	0.00	9.89E-01	1.00E+00	-0.38	1.96E-01	7.49E-01
ZEB2	0.09	8.38E-01	1.00E+00	0.52	1.96E-01	7.49E-01
DCST1	-0.25	7.98E-01	1.00E+00	0.82	1.96E-01	7.49E-01
GTF3C2	0.08	7.20E-01	1.00E+00	0.27	1.96E-01	7.49E-01
ATXN2L	-0.27	2.23E-01	1.00E+00	0.73	1.96E-01	7.49E-01
GSN-AS1	1.42	1.67E-01	1.00E+00	0.94	1.96E-01	7.49E-01
NUCKS1	0.21	1.80E-01	1.00E+00	0.41	1.96E-01	7.49E-01
MT1X	-0.02	9.64E-01	1.00E+00	-0.93	1.96E-01	7.49E-01
MAP3K15	1.33	3.27E-01	1.00E+00	0.92	1.96E-01	7.49E-01
NOS1	-0.45	3.21E-01	1.00E+00	-0.85	1.96E-01	7.49E-01
C2orf49	0.07	7.73E-01	1.00E+00	-0.36	1.96E-01	7.49E-01
TBC1D8-AS1	-0.93	2.18E-01	1.00E+00	1.14	1.97E-01	7.49E-01
ZNF660	0.16	8.48E-01	1.00E+00	1.02	1.97E-01	7.49E-01
LYRM2	0.06	7.23E-01	1.00E+00	-0.30	1.97E-01	7.49E-01

SPPL2B	-0.04	8.60E-01	1.00E+00	0.43	1.97E-01	7.49E-01
TOX4	-0.16	5.08E-01	1.00E+00	0.25	1.97E-01	7.49E-01
GPCPD1	-0.18	5.37E-01	1.00E+00	0.28	1.97E-01	7.49E-01
LZTS1	-0.49	3.96E-02	1.00E+00	0.88	1.97E-01	7.49E-01
TSPAN3	0.16	5.42E-01	1.00E+00	-0.42	1.97E-01	7.49E-01
CEP135	-0.48	5.00E-02	1.00E+00	0.30	1.97E-01	7.49E-01
DYM	0.14	5.01E-01	1.00E+00	-0.23	1.97E-01	7.49E-01
TAF9	-0.06	8.19E-01	1.00E+00	-0.50	1.97E-01	7.49E-01
PCYT1B	-0.36	7.15E-01	1.00E+00	1.41	1.97E-01	7.49E-01
AC119674.1	-1.09	3.98E-01	1.00E+00	-1.28	1.97E-01	7.49E-01
CLCN5	0.22	4.37E-01	1.00E+00	0.56	1.97E-01	7.49E-01
NEFH	-2.18	1.92E-05	5.70E-03	1.36	1.97E-01	7.49E-01
AC010247.2	1.55	1.76E-01	1.00E+00	1.67	1.97E-01	7.49E-01
ITLN2	-1.17	2.68E-01	1.00E+00	-1.30	1.97E-01	7.49E-01
NIFK-AS1	0.16	6.82E-01	1.00E+00	-0.41	1.97E-01	7.49E-01
MTIF3	0.03	8.72E-01	1.00E+00	-0.39	1.97E-01	7.49E-01
AC073896.4	-0.59	5.66E-01	1.00E+00	-0.71	1.97E-01	7.49E-01
SPRR5	0.59	6.26E-01	1.00E+00	1.00	1.97E-01	7.49E-01
AC117490.2	-1.85	4.36E-01	1.00E+00	-1.50	1.97E-01	7.49E-01
CD96	-0.69	2.84E-01	1.00E+00	1.05	1.97E-01	7.49E-01
AL445673.1	-0.34	7.81E-01	1.00E+00	-1.46	1.97E-01	7.49E-01
SCNN1G	-0.63	2.10E-01	1.00E+00	-0.90	1.97E-01	7.49E-01
CNTNAP3	0.58	1.33E-01	1.00E+00	-0.51	1.97E-01	7.49E-01
ELMO2	0.06	7.97E-01	1.00E+00	0.30	1.97E-01	7.49E-01
WASF1	-0.23	5.69E-01	1.00E+00	0.45	1.97E-01	7.49E-01
STAM	0.12	6.44E-01	1.00E+00	0.22	1.97E-01	7.49E-01
EPOR	0.33	3.62E-01	1.00E+00	0.52	1.97E-01	7.49E-01
AC003681.1	0.84	2.46E-01	1.00E+00	0.55	1.98E-01	7.49E-01
NUPR2	1.14	8.91E-02	1.00E+00	-0.78	1.98E-01	7.49E-01
XYLT1	0.33	2.46E-01	1.00E+00	0.53	1.98E-01	7.49E-01
CAMK2G	-0.14	5.81E-01	1.00E+00	0.49	1.98E-01	7.49E-01
ANKRD33B	-0.27	4.17E-01	1.00E+00	-0.55	1.98E-01	7.49E-01

SH3BP5L	0.18	4.87E-01	1.00E+00	0.75	1.98E-01	7.49E-01
IGHV1-46	2.03	4.35E-01	1.00E+00	2.50	1.98E-01	7.49E-01
NOD2	-0.24	6.68E-01	1.00E+00	0.68	1.98E-01	7.49E-01
SPOCD1	-1.38	2.01E-01	1.00E+00	1.31	1.98E-01	7.49E-01
PDIA5	0.08	8.50E-01	1.00E+00	0.62	1.98E-01	7.49E-01
SCRN3	0.10	6.92E-01	1.00E+00	-0.23	1.98E-01	7.49E-01
AC131235.4	-2.25	5.03E-01	1.00E+00	-1.98	1.98E-01	7.49E-01
CXorf40B	0.31	2.46E-01	1.00E+00	0.31	1.98E-01	7.49E-01
CDSN	-0.67	5.03E-01	1.00E+00	1.21	1.98E-01	7.49E-01
MACO1	0.07	6.96E-01	1.00E+00	0.55	1.98E-01	7.49E-01
LEF1	-0.54	1.04E-01	1.00E+00	0.59	1.98E-01	7.49E-01
RNF222	-0.19	8.06E-01	1.00E+00	1.05	1.98E-01	7.49E-01
DOCK5	-0.14	6.85E-01	1.00E+00	0.42	1.98E-01	7.49E-01
AC068580.1	-3.44	3.39E-02	1.00E+00	1.94	1.98E-01	7.49E-01
FTH1P2	-0.01	9.88E-01	1.00E+00	-0.77	1.98E-01	7.49E-01
TOM1	-0.11	6.96E-01	1.00E+00	0.28	1.98E-01	7.49E-01
KCNJ14	-0.94	4.86E-02	1.00E+00	0.79	1.98E-01	7.50E-01
SRSF9	-0.06	7.66E-01	1.00E+00	-0.66	1.98E-01	7.50E-01
GSDME	-0.06	9.21E-01	1.00E+00	0.74	1.98E-01	7.50E-01
AC090515.2	-0.98	2.89E-01	1.00E+00	-0.80	1.99E-01	7.50E-01
SNORA33	-1.67	6.26E-01	1.00E+00	-1.60	1.99E-01	7.50E-01
LINC01597	1.79	5.58E-01	1.00E+00	1.37	1.99E-01	7.50E-01
TRGV9	-0.75	6.70E-01	1.00E+00	1.81	1.99E-01	7.50E-01
SMARCD1	-0.17	2.26E-01	1.00E+00	0.59	1.99E-01	7.50E-01
MYLK-AS1	0.89	4.97E-01	1.00E+00	-0.91	1.99E-01	7.50E-01
FBXO44	0.11	6.59E-01	1.00E+00	0.27	1.99E-01	7.50E-01
SYAP1	-0.14	2.86E-01	1.00E+00	-0.26	1.99E-01	7.50E-01
LINC02367	-2.83	1.79E-01	1.00E+00	-0.75	1.99E-01	7.50E-01
SUMO1	0.05	7.12E-01	1.00E+00	-0.41	1.99E-01	7.50E-01
ZNF468	0.12	6.64E-01	1.00E+00	-0.39	1.99E-01	7.50E-01
AL450998.1	1.14	5.65E-01	1.00E+00	1.10	1.99E-01	7.50E-01
AC100803.1	-1.95	5.51E-01	1.00E+00	2.84	1.99E-01	7.50E-01

ARID1A	-0.42	7.28E-02	1.00E+00	0.51	1.99E-01	7.50E-01
FAHD2CP	-0.42	4.48E-01	1.00E+00	-0.43	1.99E-01	7.50E-01
PPCS	0.16	3.89E-01	1.00E+00	-0.51	1.99E-01	7.50E-01
DCAF11	0.06	6.96E-01	1.00E+00	-0.17	1.99E-01	7.50E-01
OLFML2A	-0.07	8.16E-01	1.00E+00	0.45	1.99E-01	7.51E-01
LY6K	-0.16	7.29E-01	1.00E+00	-0.52	1.99E-01	7.51E-01
TRMT13	0.10	7.76E-01	1.00E+00	-0.34	1.99E-01	7.51E-01
CCNL1	-0.17	5.92E-01	1.00E+00	0.36	1.99E-01	7.51E-01
GPN1	-0.01	9.68E-01	1.00E+00	-0.42	1.99E-01	7.51E-01
MSI1	-0.94	1.80E-01	1.00E+00	1.12	1.99E-01	7.51E-01
S100B	0.74	2.98E-01	1.00E+00	-0.66	1.99E-01	7.51E-01
XLOC_001376	-1.12	4.47E-01	1.00E+00	1.59	1.99E-01	7.51E-01
AC009078.2	0.21	8.84E-01	1.00E+00	2.48	1.99E-01	7.51E-01
GNMT	-0.46	7.59E-01	1.00E+00	-1.24	1.99E-01	7.51E-01
SETD3	0.09	5.23E-01	1.00E+00	-0.27	1.99E-01	7.51E-01
MTX3	0.34	1.74E-01	1.00E+00	-0.29	2.00E-01	7.51E-01
LAMB3	-0.22	4.18E-01	1.00E+00	0.50	2.00E-01	7.51E-01
AC138305.1	-0.11	8.74E-01	1.00E+00	-0.79	2.00E-01	7.51E-01
TENM4	-0.23	6.11E-01	1.00E+00	0.61	2.00E-01	7.51E-01
BRINP3	1.47	3.10E-01	1.00E+00	1.39	2.00E-01	7.51E-01
P2RY4	0.18	8.77E-01	1.00E+00	-1.27	2.00E-01	7.51E-01
MKRN1	0.09	6.26E-01	1.00E+00	-0.50	2.00E-01	7.51E-01
SYNJ2	-0.13	6.52E-01	1.00E+00	0.70	2.00E-01	7.51E-01
WASL	-0.08	6.33E-01	1.00E+00	-0.27	2.00E-01	7.51E-01
KIAA0895LP1	-1.50	1.72E-01	1.00E+00	1.45	2.00E-01	7.51E-01
HELQ	-0.02	9.05E-01	1.00E+00	-0.30	2.00E-01	7.51E-01
RBBP4	-0.03	8.76E-01	1.00E+00	-0.21	2.00E-01	7.51E-01
PCDHA7	-2.84	9.77E-03	6.13E-01	1.96	2.00E-01	7.51E-01
PCDHAC1	0.39	7.34E-01	1.00E+00	1.48	2.00E-01	7.51E-01
ANGPTL2	0.24	6.33E-01	1.00E+00	0.72	2.00E-01	7.51E-01
TMEM189	0.00	9.92E-01	1.00E+00	-0.25	2.00E-01	7.51E-01
AC007637.1	1.49	8.74E-02	1.00E+00	-1.18	2.00E-01	7.51E-01

AC019193.2	1.19	3.69E-01	1.00E+00	-1.45	2.00E-01	7.52E-01
GSTZ1	-0.08	7.44E-01	1.00E+00	0.20	2.00E-01	7.52E-01
SHPRH	-0.07	8.01E-01	1.00E+00	-0.36	2.00E-01	7.52E-01
GNB1L	-0.02	9.59E-01	1.00E+00	0.31	2.00E-01	7.52E-01
ATP6V1C1	0.35	1.58E-01	1.00E+00	-0.28	2.01E-01	7.52E-01
CEP57L1	0.08	8.17E-01	1.00E+00	-0.39	2.01E-01	7.52E-01
RAB12	0.08	6.59E-01	1.00E+00	0.82	2.01E-01	7.52E-01
DDX17	-0.12	7.00E-01	1.00E+00	0.42	2.01E-01	7.52E-01
LRRN2	-0.15	8.01E-01	1.00E+00	1.62	2.01E-01	7.52E-01
PPP5D1	-0.40	4.58E-01	1.00E+00	-0.77	2.01E-01	7.52E-01
FAM186B	-2.28	3.14E-02	1.00E+00	1.07	2.01E-01	7.52E-01
SYTL2	-0.10	6.67E-01	1.00E+00	0.41	2.01E-01	7.52E-01
MNT	-0.77	9.36E-03	6.05E-01	0.73	2.01E-01	7.52E-01
DDX28	-0.18	4.52E-01	1.00E+00	0.29	2.01E-01	7.52E-01
FILIP1L	-0.24	5.25E-01	1.00E+00	0.35	2.01E-01	7.52E-01
TSC22D4	-0.29	2.55E-01	1.00E+00	0.59	2.01E-01	7.52E-01
DLX2	-1.13	2.28E-01	1.00E+00	1.20	2.01E-01	7.52E-01
CAMLG	0.09	6.29E-01	1.00E+00	-0.36	2.01E-01	7.52E-01
RPS6KA3	0.00	9.94E-01	1.00E+00	-0.30	2.01E-01	7.52E-01
AC090948.3	-2.79	4.10E-01	1.00E+00	1.99	2.01E-01	7.52E-01
TESPA1	-0.20	7.23E-01	1.00E+00	0.90	2.01E-01	7.52E-01
AC135721.1	-1.57	9.55E-02	1.00E+00	-1.49	2.01E-01	7.52E-01
AP003469.2	-1.99	1.91E-01	1.00E+00	-1.48	2.01E-01	7.52E-01
MTHFD1L	-0.05	8.74E-01	1.00E+00	0.74	2.01E-01	7.52E-01
COX5BP6	0.45	7.47E-01	1.00E+00	1.23	2.01E-01	7.53E-01
PTPRG	0.42	2.19E-01	1.00E+00	0.57	2.01E-01	7.53E-01
DLAT	0.00	9.91E-01	1.00E+00	-0.34	2.01E-01	7.53E-01
AC005244.1	-0.39	9.10E-01	1.00E+00	0.88	2.01E-01	7.53E-01
LINC02323	1.28	2.62E-01	1.00E+00	1.75	2.01E-01	7.53E-01
IPCEF1	-0.78	8.05E-02	1.00E+00	0.78	2.02E-01	7.53E-01
HLA-K	-0.02	9.71E-01	1.00E+00	0.73	2.02E-01	7.53E-01
ZNF646	-0.39	9.37E-02	1.00E+00	0.69	2.02E-01	7.53E-01

ZNF254	-0.18	5.55E-01	1.00E+00	-0.49	2.02E-01	7.53E-01
CD40LG	0.21	7.98E-01	1.00E+00	1.29	2.02E-01	7.53E-01
DLX1	-0.53	5.44E-01	1.00E+00	1.16	2.02E-01	7.53E-01
AC007182.2	0.37	9.14E-01	1.00E+00	0.91	2.02E-01	7.53E-01
CMPK2	-0.02	9.87E-01	1.00E+00	1.06	2.02E-01	7.53E-01
PRKAR1A	0.23	3.42E-01	1.00E+00	-0.32	2.02E-01	7.53E-01
FAM21EP	-0.39	5.98E-01	1.00E+00	0.72	2.02E-01	7.53E-01
HPS5	0.47	1.36E-01	1.00E+00	0.33	2.02E-01	7.53E-01
C14orf180	1.19	7.21E-01	1.00E+00	-1.36	2.02E-01	7.53E-01
KIF19	-0.27	6.51E-01	1.00E+00	1.23	2.02E-01	7.54E-01
TGFBR3	0.54	8.92E-02	1.00E+00	-0.42	2.02E-01	7.54E-01
SETX	-0.04	8.10E-01	1.00E+00	0.36	2.02E-01	7.54E-01
MFSD5	-0.04	9.02E-01	1.00E+00	-0.38	2.02E-01	7.54E-01
AL391280.1	0.66	5.67E-01	1.00E+00	2.01	2.02E-01	7.55E-01
APOBEC3D	-0.87	6.03E-01	1.00E+00	1.00	2.02E-01	7.55E-01
G22374	-2.23	1.12E-01	1.00E+00	0.98	2.03E-01	7.55E-01
HIST1H2AL	-2.81	3.99E-01	1.00E+00	-1.48	2.03E-01	7.55E-01
SELP	-0.49	3.87E-01	1.00E+00	0.75	2.03E-01	7.55E-01
GRIA3	0.00	9.96E-01	1.00E+00	0.92	2.03E-01	7.55E-01
SBDS	0.25	5.65E-02	1.00E+00	-0.40	2.03E-01	7.55E-01
PIGV	0.26	2.69E-01	1.00E+00	-0.26	2.03E-01	7.55E-01
C5orf34	0.11	7.94E-01	1.00E+00	-0.69	2.03E-01	7.55E-01
IGKV3-15	6.18	3.54E-06	1.17E-03	3.99	2.03E-01	7.55E-01
MYCL	0.31	4.38E-01	1.00E+00	-0.76	2.03E-01	7.56E-01
ADAM17	-0.06	7.79E-01	1.00E+00	0.49	2.03E-01	7.56E-01
CBFA2T2	-0.26	3.22E-01	1.00E+00	-0.47	2.03E-01	7.56E-01
AC024610.2	1.10	4.12E-01	1.00E+00	1.24	2.03E-01	7.56E-01
PTOV1	-0.21	4.72E-01	1.00E+00	-0.50	2.03E-01	7.56E-01
LRR6	-0.51	2.87E-01	1.00E+00	-0.57	2.03E-01	7.56E-01
SIRPB1	-1.01	2.93E-01	1.00E+00	1.18	2.03E-01	7.56E-01
ALG9	0.64	3.93E-02	1.00E+00	0.44	2.03E-01	7.56E-01
AL731563.3	0.46	7.59E-01	1.00E+00	-1.29	2.03E-01	7.56E-01

PTBP2	0.30	5.17E-01	1.00E+00	-0.51	2.03E-01	7.56E-01
AC021106.3	0.25	8.32E-01	1.00E+00	1.65	2.03E-01	7.56E-01
RCOR2	0.17	8.07E-01	1.00E+00	1.25	2.03E-01	7.56E-01
LINC00445	3.73	1.49E-01	1.00E+00	-1.58	2.04E-01	7.56E-01
TRRAP	-0.10	7.32E-01	1.00E+00	0.67	2.04E-01	7.56E-01
GRIN3A	0.51	3.96E-01	1.00E+00	1.05	2.04E-01	7.56E-01
DUSP1	-1.23	1.23E-01	1.00E+00	-0.61	2.04E-01	7.56E-01
GTF2H2	0.03	9.54E-01	1.00E+00	-0.50	2.04E-01	7.56E-01
C11orf71	-0.09	6.93E-01	1.00E+00	-0.57	2.04E-01	7.56E-01
XLOC_004673	0.34	5.17E-01	1.00E+00	1.41	2.04E-01	7.56E-01
PUS10	-0.27	3.43E-01	1.00E+00	-0.34	2.04E-01	7.56E-01
TAPT1-AS1	0.26	6.00E-01	1.00E+00	-1.02	2.04E-01	7.56E-01
AL031985.3	-1.10	4.69E-02	1.00E+00	0.86	2.04E-01	7.56E-01
SNORD112	-0.39	8.96E-01	1.00E+00	1.30	2.04E-01	7.56E-01
STX4	-0.02	9.31E-01	1.00E+00	0.42	2.04E-01	7.56E-01
BRF2	0.52	6.62E-02	1.00E+00	0.28	2.04E-01	7.56E-01
FAM122B	-0.25	2.10E-01	1.00E+00	0.33	2.04E-01	7.56E-01
MAPK7	-0.31	2.36E-01	1.00E+00	0.55	2.04E-01	7.56E-01
TRAV14DV4	-1.75	3.38E-01	1.00E+00	2.02	2.04E-01	7.56E-01
DCAKD	-0.08	7.61E-01	1.00E+00	-0.41	2.04E-01	7.56E-01
TMOD1	-0.23	5.85E-01	1.00E+00	-0.52	2.04E-01	7.56E-01
IGHV5-51	1.29	3.73E-01	1.00E+00	4.01	2.04E-01	7.56E-01
ZNF529	0.25	4.48E-01	1.00E+00	-0.37	2.04E-01	7.56E-01
RABGAP1L	-0.01	9.45E-01	1.00E+00	-0.25	2.04E-01	7.56E-01
FLT3LG	3.28	1.10E-01	1.00E+00	1.15	2.04E-01	7.56E-01
MRPL39	0.12	5.71E-01	1.00E+00	-0.42	2.04E-01	7.56E-01
CNTN1	-0.69	1.65E-01	1.00E+00	-0.66	2.04E-01	7.56E-01
LIMS1	0.18	4.95E-01	1.00E+00	0.36	2.04E-01	7.56E-01
AC046143.1	0.54	7.97E-01	1.00E+00	1.06	2.04E-01	7.56E-01
G4061	-1.05	3.08E-01	1.00E+00	1.61	2.04E-01	7.56E-01
CNOT8	0.37	7.60E-02	1.00E+00	-0.28	2.04E-01	7.56E-01
RPL6	-0.16	6.29E-01	1.00E+00	0.39	2.04E-01	7.56E-01

MRPS14	0.01	9.79E-01	1.00E+00	-0.40	2.04E-01	7.56E-01
POU2AF1	0.63	4.33E-01	1.00E+00	1.61	2.04E-01	7.56E-01
ZFP28	0.28	2.99E-01	1.00E+00	-0.56	2.04E-01	7.56E-01
RPL11	-0.05	8.72E-01	1.00E+00	0.39	2.05E-01	7.56E-01
PML	-0.36	3.42E-01	1.00E+00	0.66	2.05E-01	7.56E-01
SHISA2	-0.94	9.03E-02	1.00E+00	0.66	2.05E-01	7.56E-01
ATP5MD	0.24	1.87E-01	1.00E+00	-0.47	2.05E-01	7.56E-01
AC112484.1	0.57	6.20E-01	1.00E+00	1.04	2.05E-01	7.56E-01
AC017071.1	-0.47	7.10E-01	1.00E+00	1.12	2.05E-01	7.56E-01
FAM124A	-0.21	5.33E-01	1.00E+00	0.83	2.05E-01	7.56E-01
LASP1	0.25	3.73E-01	1.00E+00	0.64	2.05E-01	7.56E-01
NIPSNAP3A	0.12	6.49E-01	1.00E+00	-0.42	2.05E-01	7.56E-01
AMPD3	-0.03	9.44E-01	1.00E+00	0.45	2.05E-01	7.56E-01
AC064875.1	-1.19	7.28E-01	1.00E+00	1.64	2.05E-01	7.57E-01
FA2H	-0.13	7.68E-01	1.00E+00	-1.09	2.05E-01	7.57E-01
ARL5A	0.08	8.53E-01	1.00E+00	-0.51	2.05E-01	7.57E-01
KRT8P39	-1.38	5.61E-01	1.00E+00	-1.85	2.05E-01	7.57E-01
ADAMTS7P4	-0.24	8.41E-01	1.00E+00	1.27	2.05E-01	7.57E-01
PAPSS2	0.26	5.92E-01	1.00E+00	0.68	2.05E-01	7.57E-01
S100A1	0.41	7.73E-01	1.00E+00	-0.88	2.05E-01	7.57E-01
CDC16	0.03	8.57E-01	1.00E+00	-0.37	2.05E-01	7.57E-01
WFIKKN1	-1.19	7.89E-03	5.46E-01	-1.32	2.05E-01	7.57E-01
TPP1	0.27	3.57E-01	1.00E+00	0.28	2.05E-01	7.57E-01
PPIA	0.05	8.01E-01	1.00E+00	-0.31	2.05E-01	7.57E-01
EEF1AKMT2	0.13	7.15E-01	1.00E+00	-0.65	2.05E-01	7.57E-01
HLA-DPA3	-0.80	8.18E-01	1.00E+00	3.00	2.05E-01	7.57E-01
AC093827.5	-0.70	6.98E-01	1.00E+00	-0.86	2.05E-01	7.57E-01
ITPR1	0.36	5.47E-01	1.00E+00	0.60	2.05E-01	7.57E-01
HERC1	0.18	5.32E-01	1.00E+00	0.31	2.05E-01	7.57E-01
ZNF541	0.24	7.79E-01	1.00E+00	-0.93	2.06E-01	7.58E-01
AC037198.1	0.00	9.99E-01	1.00E+00	1.38	2.06E-01	7.58E-01
MBNL1-AS1	-0.22	6.53E-01	1.00E+00	0.53	2.06E-01	7.58E-01

PIGP	0.21	5.18E-01	1.00E+00	-0.51	2.06E-01	7.58E-01
LINC01481	-0.62	3.91E-01	1.00E+00	-0.80	2.06E-01	7.58E-01
AC068205.2	-0.21	9.35E-01	1.00E+00	-2.56	2.06E-01	7.58E-01
ORC1	-0.58	8.79E-02	1.00E+00	0.64	2.06E-01	7.58E-01
RRN3	0.22	2.29E-01	1.00E+00	-0.28	2.06E-01	7.58E-01
RFXAP	0.04	9.07E-01	1.00E+00	-0.77	2.06E-01	7.58E-01
ADGRE5	0.17	6.12E-01	1.00E+00	0.73	2.06E-01	7.58E-01
ERG	0.29	5.38E-01	1.00E+00	0.59	2.06E-01	7.58E-01
TEX26	0.56	8.71E-01	1.00E+00	-1.83	2.06E-01	7.58E-01
PGLS	-0.08	7.34E-01	1.00E+00	0.21	2.06E-01	7.58E-01
SLC4A9	-0.80	8.18E-01	1.00E+00	-1.96	2.06E-01	7.58E-01
AC021752.1	0.44	6.56E-01	1.00E+00	-0.95	2.06E-01	7.58E-01
FBXL5	0.17	5.11E-01	1.00E+00	-0.41	2.06E-01	7.58E-01
SYNE4	0.45	4.00E-01	1.00E+00	-0.86	2.06E-01	7.58E-01
EMC3	0.03	8.53E-01	1.00E+00	-0.29	2.06E-01	7.58E-01
HSPA8P1	NA	NA	NA	1.13	2.06E-01	7.58E-01
COX7B	0.02	9.18E-01	1.00E+00	-0.52	2.06E-01	7.58E-01
ARHGAP15	0.43	3.25E-01	1.00E+00	0.41	2.06E-01	7.58E-01
PLEC	-0.47	1.66E-01	1.00E+00	0.88	2.06E-01	7.58E-01
AC012442.2	0.93	3.69E-01	1.00E+00	-0.93	2.06E-01	7.58E-01
AC026471.4	-0.29	7.24E-01	1.00E+00	-0.54	2.06E-01	7.58E-01
AL353593.2	1.42	2.89E-01	1.00E+00	-1.44	2.07E-01	7.58E-01
GFPT2	0.41	4.01E-01	1.00E+00	0.77	2.07E-01	7.58E-01
EPRS	-0.29	1.13E-01	1.00E+00	0.18	2.07E-01	7.58E-01
AC010326.3	-1.24	8.68E-02	1.00E+00	0.83	2.07E-01	7.58E-01
CTU2	-0.20	5.54E-01	1.00E+00	0.36	2.07E-01	7.58E-01
ZNF491	0.21	7.56E-01	1.00E+00	-0.97	2.07E-01	7.58E-01
FBLN1	0.78	1.61E-01	1.00E+00	0.65	2.07E-01	7.58E-01
EXOC6	0.00	9.90E-01	1.00E+00	-0.30	2.07E-01	7.58E-01
C19orf73	-0.34	5.06E-01	1.00E+00	-0.55	2.07E-01	7.58E-01
GVQW3	0.13	8.57E-01	1.00E+00	-0.91	2.07E-01	7.58E-01
SH2B1	-0.20	3.81E-01	1.00E+00	0.72	2.07E-01	7.58E-01

GNB4	0.18	5.67E-01	1.00E+00	-0.38	2.07E-01	7.58E-01
SUOX	0.26	5.61E-01	1.00E+00	-0.48	2.07E-01	7.58E-01
GNB5	0.09	7.31E-01	1.00E+00	0.22	2.07E-01	7.58E-01
TNMD	1.10	2.36E-01	1.00E+00	-1.03	2.07E-01	7.58E-01
MT-TL1	1.28	7.08E-01	1.00E+00	-1.04	2.07E-01	7.58E-01
ZNF354C	0.30	4.39E-01	1.00E+00	0.64	2.07E-01	7.58E-01
PARD3	0.06	8.61E-01	1.00E+00	-0.46	2.07E-01	7.58E-01
AC104653.1	-2.55	1.26E-01	1.00E+00	-1.07	2.07E-01	7.59E-01
AC124804.1	-3.06	8.46E-03	5.67E-01	-2.09	2.07E-01	7.59E-01
TTC39A	-0.34	5.43E-01	1.00E+00	0.62	2.07E-01	7.59E-01
GNPAT	0.30	1.03E-01	1.00E+00	-0.34	2.07E-01	7.59E-01
TRAM2-AS1	0.04	9.02E-01	1.00E+00	-0.68	2.07E-01	7.59E-01
SBF1	0.09	7.45E-01	1.00E+00	0.73	2.08E-01	7.59E-01
PTH2R	0.74	5.89E-01	1.00E+00	-1.32	2.08E-01	7.59E-01
KCNMB4	-0.50	1.29E-01	1.00E+00	-0.62	2.08E-01	7.59E-01
CCDC146	0.57	1.64E-01	1.00E+00	0.49	2.08E-01	7.59E-01
STRIP1	-0.01	9.38E-01	1.00E+00	0.36	2.08E-01	7.59E-01
KPNB1	0.10	5.48E-01	1.00E+00	0.39	2.08E-01	7.59E-01
FAM45A	0.00	9.99E-01	1.00E+00	-0.22	2.08E-01	7.59E-01
AC025178.1	0.13	9.62E-01	1.00E+00	1.34	2.08E-01	7.59E-01
XLOC_006348	-2.16	5.28E-01	1.00E+00	2.40	2.08E-01	7.59E-01
GJC1	0.06	8.63E-01	1.00E+00	0.79	2.08E-01	7.59E-01
KCNQ3	-0.21	7.53E-01	1.00E+00	0.91	2.08E-01	7.59E-01
YWHAE	0.04	8.08E-01	1.00E+00	-0.25	2.08E-01	7.59E-01
AC105345.1	0.63	5.17E-01	1.00E+00	1.60	2.08E-01	7.60E-01
GNRHR2	-0.42	2.87E-01	1.00E+00	0.79	2.08E-01	7.60E-01
AL031429.1	2.11	5.39E-01	1.00E+00	-1.59	2.08E-01	7.60E-01
PLPP5	-0.41	7.95E-02	1.00E+00	-0.33	2.08E-01	7.60E-01
XLOC_008979	0.31	7.52E-01	1.00E+00	1.27	2.08E-01	7.60E-01
PLA2G7	0.20	7.81E-01	1.00E+00	0.64	2.08E-01	7.60E-01
ZNF90	0.09	8.85E-01	1.00E+00	-0.72	2.08E-01	7.60E-01
SQOR	0.12	6.22E-01	1.00E+00	0.29	2.08E-01	7.60E-01

GRB2	0.04	8.16E-01	1.00E+00	0.37	2.08E-01	7.60E-01
RPL10A	-0.17	6.13E-01	1.00E+00	0.38	2.08E-01	7.60E-01
SOS2	0.25	2.04E-01	1.00E+00	-0.41	2.08E-01	7.60E-01
HLA-J	0.16	9.47E-01	1.00E+00	0.80	2.09E-01	7.60E-01
GJD3	-0.81	2.77E-01	1.00E+00	1.44	2.09E-01	7.60E-01
MFSD14B	0.36	1.24E-01	1.00E+00	-0.48	2.09E-01	7.60E-01
CFAP73	-0.72	4.07E-01	1.00E+00	-1.00	2.09E-01	7.60E-01
USP38	-0.07	8.24E-01	1.00E+00	0.32	2.09E-01	7.60E-01
NDUFA12	0.11	6.14E-01	1.00E+00	-0.53	2.09E-01	7.60E-01
SUPT6H	-0.13	5.05E-01	1.00E+00	0.55	2.09E-01	7.60E-01
SORBS1	1.30	6.88E-02	1.00E+00	-0.65	2.09E-01	7.60E-01
TRGV5	2.54	2.57E-01	1.00E+00	1.60	2.09E-01	7.60E-01
AC233976.1	-0.34	8.98E-01	1.00E+00	2.09	2.09E-01	7.60E-01
SPTY2D1	0.04	8.74E-01	1.00E+00	0.27	2.09E-01	7.60E-01
AP000695.2	-0.92	6.59E-01	1.00E+00	1.37	2.09E-01	7.60E-01
DENND4A	0.09	6.77E-01	1.00E+00	0.44	2.09E-01	7.61E-01
AL357568.2	-1.65	6.32E-01	1.00E+00	-2.14	2.09E-01	7.61E-01
SLC12A7	-0.42	3.00E-01	1.00E+00	0.82	2.09E-01	7.61E-01
ZNF639	0.04	8.35E-01	1.00E+00	-0.49	2.09E-01	7.61E-01
AC137932.1	0.38	5.44E-01	1.00E+00	1.00	2.09E-01	7.61E-01
ACSBG1	-0.15	8.38E-01	1.00E+00	-1.04	2.09E-01	7.61E-01
TRAV16	-2.36	3.87E-01	1.00E+00	1.66	2.09E-01	7.61E-01
RASAL3	-0.63	2.45E-01	1.00E+00	1.18	2.09E-01	7.61E-01
AC004803.1	-0.09	8.36E-01	1.00E+00	-0.57	2.10E-01	7.61E-01
VAV2	0.03	8.88E-01	1.00E+00	0.97	2.10E-01	7.61E-01
G26223	1.76	9.11E-02	1.00E+00	1.56	2.10E-01	7.61E-01
TALDO1	0.02	9.20E-01	1.00E+00	-0.21	2.10E-01	7.61E-01
STX1A	-0.70	3.62E-01	1.00E+00	0.99	2.10E-01	7.61E-01
CUEDC2	-0.09	6.67E-01	1.00E+00	0.21	2.10E-01	7.61E-01
BLOC1S5	0.42	7.84E-02	1.00E+00	-0.32	2.10E-01	7.61E-01
XLOC_012145	0.81	4.98E-01	1.00E+00	1.24	2.10E-01	7.61E-01
RNF5	0.01	9.58E-01	1.00E+00	-0.18	2.10E-01	7.61E-01

NPIP5	-0.02	9.72E-01	1.00E+00	0.65	2.10E-01	7.62E-01
HSPD1P10	-1.66	4.66E-01	1.00E+00	-2.05	2.10E-01	7.62E-01
GDPGP1	0.23	7.33E-01	1.00E+00	-0.65	2.10E-01	7.62E-01
YTHDF3-AS1	0.25	5.74E-01	1.00E+00	-0.53	2.10E-01	7.62E-01
TMEM87A	0.27	7.44E-02	1.00E+00	-0.25	2.10E-01	7.62E-01
NCBP3	0.12	5.64E-01	1.00E+00	0.35	2.10E-01	7.62E-01
TRAV4	0.34	8.17E-01	1.00E+00	1.66	2.10E-01	7.62E-01
XLOC_001195	0.40	5.55E-01	1.00E+00	1.15	2.10E-01	7.62E-01
STK39	0.15	7.95E-01	1.00E+00	-0.56	2.10E-01	7.62E-01
HVCN1	0.06	9.04E-01	1.00E+00	0.47	2.10E-01	7.62E-01
XLOC_007469	-1.61	6.25E-01	1.00E+00	-1.03	2.10E-01	7.62E-01
PSEN2	-0.06	7.33E-01	1.00E+00	0.31	2.10E-01	7.62E-01
PLA2G4D	0.18	7.52E-01	1.00E+00	0.98	2.10E-01	7.62E-01
AC093827.4	0.00	9.90E-01	1.00E+00	0.56	2.10E-01	7.62E-01
TMEM38B	0.14	5.40E-01	1.00E+00	-0.47	2.10E-01	7.62E-01
AC090970.2	-1.18	1.34E-01	1.00E+00	-1.10	2.10E-01	7.62E-01
AC108471.2	-2.09	5.40E-01	1.00E+00	-1.26	2.10E-01	7.62E-01
ACSS1	0.02	9.10E-01	1.00E+00	-0.69	2.11E-01	7.62E-01
HOXB9	-1.07	1.61E-01	1.00E+00	1.45	2.11E-01	7.62E-01
FAM189A2	0.16	7.25E-01	1.00E+00	-0.87	2.11E-01	7.62E-01
AL356317.1	-0.24	8.42E-01	1.00E+00	-1.34	2.11E-01	7.62E-01
BCL2L2	0.39	2.91E-02	9.89E-01	0.38	2.11E-01	7.62E-01
ARRB1	0.27	3.18E-01	1.00E+00	0.36	2.11E-01	7.62E-01
TFDP2	0.08	7.94E-01	1.00E+00	-0.28	2.11E-01	7.62E-01
IFFO1	0.11	7.80E-01	1.00E+00	0.95	2.11E-01	7.62E-01
FANCE	0.12	7.04E-01	1.00E+00	-0.50	2.11E-01	7.62E-01
MFSD10	-0.08	7.81E-01	1.00E+00	0.27	2.11E-01	7.62E-01
HLA-DRB9	-0.58	8.54E-01	1.00E+00	0.87	2.11E-01	7.62E-01
RUNX1T1	0.49	3.72E-01	1.00E+00	0.54	2.11E-01	7.62E-01
FHL3	-0.28	3.53E-01	1.00E+00	0.38	2.11E-01	7.62E-01
GABPB1	-0.16	5.33E-01	1.00E+00	-0.31	2.11E-01	7.62E-01
BFAR	0.09	7.46E-01	1.00E+00	0.29	2.11E-01	7.62E-01

AC025175.1	1.04	5.48E-02	1.00E+00	-1.41	2.11E-01	7.62E-01
SCAND2P	0.73	1.79E-01	1.00E+00	0.84	2.11E-01	7.62E-01
ALDH7A1P1	0.43	8.27E-01	1.00E+00	-0.81	2.11E-01	7.62E-01
NDUFS4	0.08	7.01E-01	1.00E+00	-0.36	2.11E-01	7.62E-01
XPO6	-0.13	4.57E-01	1.00E+00	0.65	2.11E-01	7.62E-01
DNM3OS	0.45	3.65E-01	1.00E+00	0.53	2.11E-01	7.62E-01
TIMM23	-0.05	8.09E-01	1.00E+00	-0.34	2.11E-01	7.62E-01
AC254562.3	-0.15	7.84E-01	1.00E+00	0.90	2.11E-01	7.62E-01
GPR12	0.03	9.70E-01	1.00E+00	-0.96	2.11E-01	7.62E-01
AC005332.6	0.36	3.38E-01	1.00E+00	0.33	2.11E-01	7.62E-01
XLOC_002293	-0.03	9.77E-01	1.00E+00	0.96	2.11E-01	7.62E-01
AC078819.1	-0.70	3.30E-01	1.00E+00	0.69	2.11E-01	7.62E-01
P2RX5-TAX1BP3	-0.22	6.45E-01	1.00E+00	-0.88	2.11E-01	7.62E-01
FAM177A1	0.04	8.37E-01	1.00E+00	-0.34	2.11E-01	7.62E-01
TRBV6-1	-1.12	5.78E-01	1.00E+00	2.17	2.11E-01	7.62E-01
P2RX1	-0.80	3.10E-01	1.00E+00	-0.94	2.11E-01	7.62E-01
ZNF322	0.09	7.76E-01	1.00E+00	0.33	2.12E-01	7.62E-01
DNAH3	-0.37	4.94E-01	1.00E+00	-0.59	2.12E-01	7.62E-01
BMS1P5	-0.93	4.04E-01	1.00E+00	0.97	2.12E-01	7.62E-01
CABP1	0.72	5.10E-01	1.00E+00	0.91	2.12E-01	7.62E-01
ZNF333	0.04	8.75E-01	1.00E+00	0.33	2.12E-01	7.62E-01
SLC22A31	0.58	5.52E-01	1.00E+00	-1.22	2.12E-01	7.62E-01
OSBPL1A	0.08	7.91E-01	1.00E+00	-0.42	2.12E-01	7.62E-01
HNRNPUL2	0.10	6.13E-01	1.00E+00	0.58	2.12E-01	7.62E-01
MAPRE1	-0.01	9.64E-01	1.00E+00	0.23	2.12E-01	7.62E-01
PANK4	0.02	9.13E-01	1.00E+00	-0.30	2.12E-01	7.62E-01
FAM180B	0.56	4.30E-01	1.00E+00	0.81	2.12E-01	7.62E-01
RP11-782C8.2	-2.14	2.00E-01	1.00E+00	-1.08	2.12E-01	7.62E-01
ZBTB16	0.39	7.25E-01	1.00E+00	-0.83	2.12E-01	7.63E-01
CNR2	-2.47	4.70E-01	1.00E+00	2.14	2.12E-01	7.63E-01
AKR7A2	-0.11	6.31E-01	1.00E+00	-0.22	2.12E-01	7.63E-01
AP001574.1	-1.39	2.07E-01	1.00E+00	0.74	2.12E-01	7.63E-01

AC015849.3	0.85	3.07E-01	1.00E+00	1.19	2.12E-01	7.63E-01
FO393419.3	-1.68	3.87E-01	1.00E+00	1.20	2.12E-01	7.63E-01
SLC25A25-AS1	-0.86	5.67E-02	1.00E+00	1.26	2.12E-01	7.63E-01
RINT1	0.15	6.60E-01	1.00E+00	0.41	2.12E-01	7.63E-01
DIO3OS	0.64	4.62E-01	1.00E+00	0.92	2.12E-01	7.63E-01
AC009053.2	0.46	7.00E-01	1.00E+00	-1.21	2.12E-01	7.63E-01
FAM161A	0.14	6.96E-01	1.00E+00	-0.60	2.13E-01	7.63E-01
G25496	-0.58	6.59E-01	1.00E+00	-0.99	2.13E-01	7.63E-01
GCNT4	-0.28	5.63E-01	1.00E+00	0.51	2.13E-01	7.63E-01
FSTL1	0.78	1.48E-01	1.00E+00	0.65	2.13E-01	7.63E-01
AC093827.3	0.77	5.59E-01	1.00E+00	0.84	2.13E-01	7.63E-01
CACFD1	-0.35	1.80E-01	1.00E+00	0.64	2.13E-01	7.63E-01
HRNR	-1.78	9.61E-03	6.08E-01	3.91	2.13E-01	7.63E-01
ANKRD18B	0.29	5.87E-01	1.00E+00	-0.89	2.13E-01	7.63E-01
G31132	-2.77	1.40E-01	1.00E+00	0.85	2.13E-01	7.63E-01
FNDC3B	0.31	4.32E-01	1.00E+00	0.39	2.13E-01	7.63E-01
HSD17B7	-0.14	7.06E-01	1.00E+00	-0.44	2.13E-01	7.63E-01
B9D1	-0.31	4.23E-01	1.00E+00	0.35	2.13E-01	7.63E-01
AC006978.1	0.05	8.52E-01	1.00E+00	0.56	2.13E-01	7.63E-01
HIST1H4K	0.74	7.68E-01	1.00E+00	0.92	2.13E-01	7.63E-01
U91328.1	-0.08	8.44E-01	1.00E+00	-0.64	2.13E-01	7.63E-01
NTAN1	0.02	9.53E-01	1.00E+00	-0.42	2.13E-01	7.63E-01
RNVU1-6	-0.50	7.49E-01	1.00E+00	-1.02	2.13E-01	7.63E-01
COPRS	-0.16	6.01E-01	1.00E+00	-0.83	2.13E-01	7.63E-01
COPS9	0.02	8.76E-01	1.00E+00	-0.49	2.13E-01	7.63E-01
AC008629.1	-2.86	9.24E-02	1.00E+00	-1.00	2.13E-01	7.63E-01
ITPKB	0.09	6.59E-01	1.00E+00	0.47	2.13E-01	7.63E-01
RHCG	-0.64	3.19E-01	1.00E+00	0.91	2.13E-01	7.63E-01
C3orf20	-0.73	3.65E-01	1.00E+00	2.08	2.13E-01	7.63E-01
INTU	0.46	1.14E-01	1.00E+00	-0.52	2.13E-01	7.63E-01
AC019069.1	0.05	9.59E-01	1.00E+00	1.42	2.13E-01	7.64E-01
C8orf37-AS1	0.17	9.06E-01	1.00E+00	-0.96	2.13E-01	7.64E-01

ACAT2	-0.32	4.80E-01	1.00E+00	-0.59	2.13E-01	7.64E-01
EEF1A1P9	0.94	1.59E-01	1.00E+00	-0.48	2.14E-01	7.64E-01
NPM1P27	-0.07	8.49E-01	1.00E+00	-0.41	2.14E-01	7.64E-01
COX6C	0.02	9.03E-01	1.00E+00	-0.56	2.14E-01	7.64E-01
AC246787.1	1.01	3.30E-01	1.00E+00	-0.82	2.14E-01	7.64E-01
HDAC1	-0.16	4.73E-01	1.00E+00	0.23	2.14E-01	7.64E-01
ZCWPW2	-0.20	8.47E-01	1.00E+00	-0.89	2.14E-01	7.64E-01
XLOC_007562	-2.86	4.00E-01	1.00E+00	-2.27	2.14E-01	7.65E-01
DRGX	-0.18	8.64E-01	1.00E+00	-1.49	2.14E-01	7.65E-01
SLC26A2	0.33	5.99E-01	1.00E+00	-0.59	2.14E-01	7.65E-01
KIAA0355	-0.01	9.25E-01	1.00E+00	0.42	2.14E-01	7.65E-01
LINC01678	-0.38	6.53E-01	1.00E+00	1.01	2.14E-01	7.65E-01
KLHL11	-0.59	4.70E-02	1.00E+00	-0.87	2.14E-01	7.65E-01
COL23A1	0.19	6.48E-01	1.00E+00	1.13	2.14E-01	7.65E-01
GMCL1	0.41	4.08E-02	1.00E+00	-0.34	2.14E-01	7.65E-01
REXO1	-0.80	2.14E-02	8.94E-01	0.96	2.14E-01	7.65E-01
FAIM	0.32	2.98E-01	1.00E+00	-0.39	2.14E-01	7.65E-01
MSRB1	-0.06	8.27E-01	1.00E+00	-0.28	2.14E-01	7.65E-01
DPY30	0.00	9.94E-01	1.00E+00	-0.48	2.14E-01	7.65E-01
LINC00205	-0.46	1.99E-01	1.00E+00	0.61	2.14E-01	7.65E-01
PPIP5K2	0.17	6.02E-01	1.00E+00	-0.31	2.14E-01	7.65E-01
BNIP3L	0.32	1.80E-01	1.00E+00	-0.40	2.15E-01	7.65E-01
UTP4	0.08	6.85E-01	1.00E+00	-0.25	2.15E-01	7.65E-01
ADRA2C	-0.17	7.29E-01	1.00E+00	-1.06	2.15E-01	7.65E-01
SLC22A2	-1.32	5.57E-01	1.00E+00	1.48	2.15E-01	7.65E-01
SNTG2	-0.07	8.82E-01	1.00E+00	-1.18	2.15E-01	7.65E-01
EPB41L4B	0.22	4.01E-01	1.00E+00	-0.45	2.15E-01	7.65E-01
ESCO2	0.24	6.48E-01	1.00E+00	0.71	2.15E-01	7.65E-01
NDUFA6	-0.10	5.97E-01	1.00E+00	-0.39	2.15E-01	7.65E-01
AC007249.2	-0.70	3.41E-01	1.00E+00	0.96	2.15E-01	7.65E-01
IRAK3	0.73	8.76E-02	1.00E+00	0.71	2.15E-01	7.65E-01
CYB5B	0.08	6.57E-01	1.00E+00	-0.32	2.15E-01	7.65E-01

DCTN6	0.21	2.56E-01	1.00E+00	-0.43	2.15E-01	7.65E-01
XLOC_013986	0.05	9.65E-01	1.00E+00	0.93	2.15E-01	7.65E-01
TEX101	0.20	8.27E-01	1.00E+00	1.30	2.15E-01	7.65E-01
HEXIM1	-0.08	6.62E-01	1.00E+00	0.40	2.15E-01	7.65E-01
MORC4	-0.23	2.10E-01	1.00E+00	-0.43	2.15E-01	7.65E-01
KLHL18	0.08	8.45E-01	1.00E+00	0.37	2.15E-01	7.65E-01
OIP5-AS1	-0.03	9.57E-01	1.00E+00	-0.55	2.15E-01	7.65E-01
HMGB1P6	0.56	4.62E-02	1.00E+00	-0.40	2.15E-01	7.65E-01
M6PR	0.07	7.69E-01	1.00E+00	0.24	2.15E-01	7.66E-01
RARA	-0.32	2.57E-01	1.00E+00	0.82	2.15E-01	7.66E-01
MRFAP1	0.14	4.12E-01	1.00E+00	0.25	2.15E-01	7.66E-01
PDCL3P4	-0.50	7.47E-01	1.00E+00	-0.81	2.15E-01	7.66E-01
CEP250	0.00	9.95E-01	1.00E+00	0.63	2.15E-01	7.66E-01
MED15	-0.32	1.64E-01	1.00E+00	0.46	2.15E-01	7.66E-01
DES	-0.74	3.43E-01	1.00E+00	-0.91	2.15E-01	7.66E-01
C20orf204	0.07	8.80E-01	1.00E+00	1.04	2.16E-01	7.66E-01
IGKV3-11	4.57	1.49E-02	7.62E-01	3.89	2.16E-01	7.66E-01
KDM2B	-0.26	4.54E-01	1.00E+00	0.42	2.16E-01	7.66E-01
MYO5C	0.09	8.66E-01	1.00E+00	-0.61	2.16E-01	7.66E-01
NDUFB4P12	NA	NA	NA	-0.91	2.16E-01	7.66E-01
SELENOS	0.09	6.44E-01	1.00E+00	-0.34	2.16E-01	7.67E-01
PRDX6	0.06	7.20E-01	1.00E+00	-0.20	2.16E-01	7.67E-01
WISP3	0.15	8.18E-01	1.00E+00	0.76	2.16E-01	7.67E-01
MYH7	0.21	8.95E-01	1.00E+00	1.68	2.16E-01	7.67E-01
AL592546.1	-2.39	3.74E-01	1.00E+00	1.46	2.16E-01	7.67E-01
KIF4A	0.23	4.09E-01	1.00E+00	0.53	2.16E-01	7.67E-01
ZNF195	0.00	9.98E-01	1.00E+00	-0.34	2.16E-01	7.67E-01
LINC02019	0.14	8.77E-01	1.00E+00	0.81	2.16E-01	7.67E-01
DUSP6	0.70	9.45E-02	1.00E+00	0.46	2.16E-01	7.67E-01
CDS2	0.39	2.96E-01	1.00E+00	0.32	2.16E-01	7.67E-01
CDK2AP1	0.08	7.12E-01	1.00E+00	-0.66	2.16E-01	7.67E-01
PDE7B	0.26	7.16E-01	1.00E+00	0.74	2.16E-01	7.67E-01

EMILIN2	0.20	6.40E-01	1.00E+00	1.04	2.16E-01	7.67E-01
COMMD8	-0.06	8.32E-01	1.00E+00	-0.53	2.16E-01	7.67E-01
G39823	-0.29	7.51E-01	1.00E+00	-1.05	2.16E-01	7.67E-01
PLEKHA3	0.38	2.40E-01	1.00E+00	-0.43	2.17E-01	7.67E-01
TNFAIP3	-1.00	3.34E-01	1.00E+00	0.60	2.17E-01	7.67E-01
Z68871.1	-2.98	1.00E-02	6.22E-01	0.56	2.17E-01	7.67E-01
PRSS51	-0.52	5.78E-01	1.00E+00	1.90	2.17E-01	7.68E-01
CNTN3	0.95	2.37E-02	9.15E-01	0.99	2.17E-01	7.68E-01
GNG11	0.34	4.73E-01	1.00E+00	-0.58	2.17E-01	7.68E-01
CYC1	-0.26	2.48E-01	1.00E+00	-0.31	2.17E-01	7.68E-01
ARID3C	-1.02	1.80E-01	1.00E+00	-1.16	2.17E-01	7.68E-01
AL022323.1	-0.39	8.37E-01	1.00E+00	-0.92	2.17E-01	7.68E-01
PPP2R5D	-0.02	8.87E-01	1.00E+00	0.36	2.17E-01	7.68E-01
ROMO1	-0.10	5.89E-01	1.00E+00	-0.42	2.17E-01	7.68E-01
HMG3-AS1	0.08	8.54E-01	1.00E+00	0.40	2.17E-01	7.68E-01
FRG1	-0.04	8.01E-01	1.00E+00	-0.32	2.17E-01	7.68E-01
MEX3C	0.13	5.70E-01	1.00E+00	0.49	2.17E-01	7.68E-01
C1orf158	-0.60	8.61E-01	1.00E+00	-2.20	2.17E-01	7.68E-01
ITGB1BP1	0.32	2.99E-01	1.00E+00	-0.48	2.17E-01	7.68E-01
BCL2L11	-0.13	7.56E-01	1.00E+00	0.68	2.17E-01	7.68E-01
AC007728.2	-2.97	7.46E-02	1.00E+00	1.44	2.18E-01	7.68E-01
AC022730.4	-3.06	2.17E-01	1.00E+00	2.38	2.18E-01	7.68E-01
ARHGAP42	-0.08	7.74E-01	1.00E+00	0.40	2.18E-01	7.68E-01
LIMK2	-0.02	9.51E-01	1.00E+00	0.39	2.18E-01	7.68E-01
CDIPT	0.17	3.78E-01	1.00E+00	-0.59	2.18E-01	7.68E-01
CYB5R1	0.13	6.10E-01	1.00E+00	-0.32	2.18E-01	7.68E-01
PARP14	0.07	8.91E-01	1.00E+00	0.65	2.18E-01	7.68E-01
AP000962.1	0.08	9.78E-01	1.00E+00	-1.15	2.18E-01	7.68E-01
AZU1	-1.54	6.54E-01	1.00E+00	2.03	2.18E-01	7.68E-01
AL009178.2	-0.60	3.91E-01	1.00E+00	1.43	2.18E-01	7.68E-01
MIPEP	-0.37	3.06E-01	1.00E+00	-0.47	2.18E-01	7.68E-01
NAA30	0.14	5.36E-01	1.00E+00	-0.38	2.18E-01	7.68E-01

GNAZ	-0.18	7.41E-01	1.00E+00	-0.83	2.18E-01	7.68E-01
HMG2N2P4	0.94	7.83E-01	1.00E+00	-0.54	2.18E-01	7.69E-01
MPPE1	0.21	4.16E-01	1.00E+00	0.21	2.18E-01	7.69E-01
STK10	-0.18	5.94E-01	1.00E+00	0.66	2.18E-01	7.69E-01
CSNK2A1	0.06	7.22E-01	1.00E+00	0.28	2.18E-01	7.69E-01
HILPDA	0.32	4.61E-01	1.00E+00	-0.42	2.18E-01	7.69E-01
G5109	1.23	5.49E-01	1.00E+00	-1.01	2.18E-01	7.69E-01
THEG	-1.24	1.23E-01	1.00E+00	0.71	2.18E-01	7.69E-01
JPH4	-0.98	6.85E-02	1.00E+00	0.91	2.18E-01	7.69E-01
XLOC_004398	-2.13	5.36E-01	1.00E+00	-3.25	2.18E-01	7.69E-01
CLIP3	0.16	7.70E-01	1.00E+00	0.70	2.18E-01	7.69E-01
NOTCH1	-0.36	1.11E-01	1.00E+00	0.74	2.18E-01	7.69E-01
ZNF709	1.34	6.97E-01	1.00E+00	-1.03	2.18E-01	7.69E-01
CPNE3	0.14	5.17E-01	1.00E+00	-0.28	2.18E-01	7.69E-01
AC008267.3	0.95	2.98E-01	1.00E+00	0.95	2.18E-01	7.69E-01
COX17	0.18	5.26E-01	1.00E+00	-0.53	2.19E-01	7.69E-01
PNPLA3	0.91	6.74E-02	1.00E+00	-0.67	2.19E-01	7.69E-01
HOXA2	0.14	8.88E-01	1.00E+00	-0.96	2.19E-01	7.69E-01
MAGIX	-0.14	7.11E-01	1.00E+00	-0.53	2.19E-01	7.69E-01
ARPC1A	0.38	1.31E-01	1.00E+00	-0.55	2.19E-01	7.70E-01
ASB4	0.32	6.86E-01	1.00E+00	-1.49	2.19E-01	7.70E-01
TTC26	-0.28	4.20E-01	1.00E+00	0.36	2.19E-01	7.70E-01
CTBP2P8	-2.18	3.45E-01	1.00E+00	-1.00	2.19E-01	7.70E-01
CISD2	0.19	4.69E-01	1.00E+00	-0.41	2.19E-01	7.70E-01
FRY	0.07	7.18E-01	1.00E+00	-0.42	2.19E-01	7.70E-01
HSPA6	-0.42	4.10E-01	1.00E+00	0.70	2.19E-01	7.70E-01
DSG3	-0.32	3.22E-01	1.00E+00	0.73	2.19E-01	7.70E-01
AC010531.6	0.51	5.59E-01	1.00E+00	-0.91	2.19E-01	7.70E-01
IRF2BPL	-0.07	7.97E-01	1.00E+00	0.68	2.19E-01	7.70E-01
CLDN15	0.08	8.04E-01	1.00E+00	0.59	2.19E-01	7.70E-01
LINC01778	1.11	6.06E-01	1.00E+00	-0.99	2.19E-01	7.70E-01
PQBP1	-0.25	1.49E-01	1.00E+00	0.24	2.19E-01	7.70E-01

LPCAT2	-0.17	4.84E-01	1.00E+00	-0.18	2.19E-01	7.70E-01
NPY5R	0.93	2.58E-01	1.00E+00	-0.75	2.19E-01	7.70E-01
PPM1L	-0.20	2.59E-01	1.00E+00	-0.38	2.19E-01	7.70E-01
TUBB2B	-0.56	3.98E-01	1.00E+00	0.61	2.19E-01	7.70E-01
AL356481.1	-0.90	8.68E-02	1.00E+00	-0.69	2.19E-01	7.70E-01
TMIGD3	0.14	8.35E-01	1.00E+00	1.29	2.20E-01	7.70E-01
MRPL43	-0.15	4.39E-01	1.00E+00	-0.19	2.20E-01	7.70E-01
SHH	-3.40	3.42E-02	1.00E+00	-1.45	2.20E-01	7.70E-01
KCNAB1	0.08	9.12E-01	1.00E+00	-0.70	2.20E-01	7.70E-01
G12163	-1.43	7.46E-02	1.00E+00	-1.01	2.20E-01	7.71E-01
RMRP	0.02	9.67E-01	1.00E+00	0.88	2.20E-01	7.71E-01
WDR13	-0.08	7.44E-01	1.00E+00	0.22	2.20E-01	7.71E-01
CCDC59	-0.10	5.44E-01	1.00E+00	-0.29	2.20E-01	7.71E-01
AC011487.2	1.20	7.22E-01	1.00E+00	1.80	2.20E-01	7.71E-01
AC083855.2	0.73	5.91E-02	1.00E+00	0.46	2.20E-01	7.71E-01
WDR31	-0.01	9.65E-01	1.00E+00	-0.63	2.20E-01	7.71E-01
XLOC_005587	0.73	1.49E-01	1.00E+00	0.71	2.20E-01	7.71E-01
FAM209B	1.03	5.60E-01	1.00E+00	1.00	2.20E-01	7.71E-01
AC011632.2	-3.09	6.86E-02	1.00E+00	-1.34	2.20E-01	7.71E-01
NROB1	0.76	7.85E-01	1.00E+00	-2.42	2.20E-01	7.71E-01
GNA15	0.11	8.01E-01	1.00E+00	0.59	2.20E-01	7.71E-01
ANKRD52	-0.12	6.68E-01	1.00E+00	0.83	2.20E-01	7.71E-01
SHROOM4	-0.03	9.29E-01	1.00E+00	0.71	2.20E-01	7.71E-01
BX322234.1	-0.39	3.45E-01	1.00E+00	0.77	2.20E-01	7.71E-01
XLOC_006390	0.50	5.58E-01	1.00E+00	1.17	2.20E-01	7.71E-01
HoxA6	-1.00	1.11E-01	1.00E+00	-0.59	2.20E-01	7.71E-01
NCS1	-0.15	6.69E-01	1.00E+00	-0.61	2.20E-01	7.71E-01
SV2A	-0.67	3.28E-01	1.00E+00	1.13	2.20E-01	7.71E-01
AC092123.1	-3.78	4.07E-02	1.00E+00	-0.93	2.21E-01	7.71E-01
MICALL1	-0.29	3.98E-01	1.00E+00	0.75	2.21E-01	7.71E-01
WDR81	-0.27	2.31E-01	1.00E+00	0.80	2.21E-01	7.71E-01
CECR7	-0.55	2.26E-01	1.00E+00	-0.43	2.21E-01	7.71E-01

RPS15	-0.10	7.02E-01	1.00E+00	0.36	2.21E-01	7.71E-01
ARMC5	-0.25	3.80E-01	1.00E+00	0.59	2.21E-01	7.71E-01
SH2D1A	-0.63	5.48E-01	1.00E+00	1.04	2.21E-01	7.71E-01
PIP	-0.83	6.20E-01	1.00E+00	-3.83	2.21E-01	7.71E-01
XLOC_011981	0.81	7.11E-01	1.00E+00	1.75	2.21E-01	7.72E-01
IFITM10	-0.65	1.84E-01	1.00E+00	1.06	2.21E-01	7.72E-01
RPP14	0.16	5.13E-01	1.00E+00	0.31	2.21E-01	7.72E-01
LINC01352	1.46	3.22E-02	1.00E+00	1.16	2.21E-01	7.72E-01
MFAP3	0.18	4.60E-01	1.00E+00	0.31	2.21E-01	7.72E-01
TMEM63A	0.01	9.75E-01	1.00E+00	0.56	2.21E-01	7.72E-01
KDM4A	0.14	4.65E-01	1.00E+00	0.47	2.21E-01	7.72E-01
MSRB2	0.24	5.76E-01	1.00E+00	-0.82	2.21E-01	7.72E-01
RPS4Y1	1.03	6.28E-01	1.00E+00	-2.52	2.21E-01	7.72E-01
TECPR2	-0.12	5.26E-01	1.00E+00	0.65	2.21E-01	7.72E-01
AL354732.1	-1.54	3.95E-01	1.00E+00	1.92	2.21E-01	7.72E-01
AL139339.1	-0.75	4.69E-01	1.00E+00	1.12	2.21E-01	7.72E-01
C1QTNF12	-1.00	4.88E-02	1.00E+00	-0.89	2.21E-01	7.72E-01
AC096677.1	-0.43	6.38E-01	1.00E+00	-0.65	2.21E-01	7.72E-01
TMEM120A	0.14	5.22E-01	1.00E+00	-0.29	2.21E-01	7.72E-01
AL121987.1	0.70	7.32E-01	1.00E+00	-1.50	2.21E-01	7.72E-01
C9orf24	-0.33	7.14E-01	1.00E+00	-0.75	2.21E-01	7.72E-01
XLOC_007131	NA	NA	NA	-2.23	2.21E-01	7.72E-01
AP001189.3	-0.26	6.00E-01	1.00E+00	1.39	2.22E-01	7.72E-01
CAND1	0.00	9.86E-01	1.00E+00	-0.24	2.22E-01	7.72E-01
CDK20	-0.28	3.13E-01	1.00E+00	0.42	2.22E-01	7.72E-01
G28650	0.30	7.58E-01	1.00E+00	-1.21	2.22E-01	7.72E-01
MIR4292	-0.83	4.06E-01	1.00E+00	2.31	2.22E-01	7.72E-01
JCAD	0.14	7.73E-01	1.00E+00	0.77	2.22E-01	7.72E-01
SNHG15	-0.33	4.10E-01	1.00E+00	0.34	2.22E-01	7.72E-01
MTMR14	0.05	7.77E-01	1.00E+00	0.23	2.22E-01	7.72E-01
SMIM2-AS1	0.55	5.64E-01	1.00E+00	-0.81	2.22E-01	7.72E-01
ZNF433-AS1	-0.83	2.18E-01	1.00E+00	-0.65	2.22E-01	7.72E-01

LINC01410	-0.50	4.49E-01	1.00E+00	0.80	2.22E-01	7.72E-01
KCTD11	-0.34	5.25E-01	1.00E+00	0.57	2.22E-01	7.72E-01
TBC1D4	0.02	9.06E-01	1.00E+00	-0.30	2.22E-01	7.72E-01
UGP2	0.49	2.08E-01	1.00E+00	-0.37	2.22E-01	7.72E-01
APCDD1	-0.10	7.44E-01	1.00E+00	-0.54	2.22E-01	7.72E-01
ARFIP2	-0.10	5.31E-01	1.00E+00	0.16	2.22E-01	7.72E-01
IGBP1	0.02	9.31E-01	1.00E+00	0.26	2.22E-01	7.72E-01
HOXC-AS1	-0.50	3.58E-01	1.00E+00	-0.73	2.22E-01	7.73E-01
REXO5	0.26	4.09E-01	1.00E+00	-0.43	2.22E-01	7.73E-01
CNIH4	0.26	2.46E-01	1.00E+00	-0.51	2.22E-01	7.73E-01
RFC1	0.11	5.28E-01	1.00E+00	-0.22	2.22E-01	7.73E-01
CARS2	0.04	8.79E-01	1.00E+00	-0.59	2.22E-01	7.73E-01
BBS9	0.25	2.71E-01	1.00E+00	-0.25	2.22E-01	7.73E-01
GAREM2	-0.68	1.14E-01	1.00E+00	0.59	2.22E-01	7.73E-01
MCOLN1	-0.26	2.42E-01	1.00E+00	0.23	2.23E-01	7.73E-01
IRGQ	0.28	4.77E-01	1.00E+00	-0.27	2.23E-01	7.73E-01
HS2ST1	0.09	6.78E-01	1.00E+00	0.33	2.23E-01	7.73E-01
SLC18A2	-0.09	8.87E-01	1.00E+00	-0.60	2.23E-01	7.73E-01
MSL1	-0.17	5.32E-01	1.00E+00	0.59	2.23E-01	7.73E-01
AC011468.4	0.70	7.48E-01	1.00E+00	1.57	2.23E-01	7.74E-01
FCHO2	0.04	8.59E-01	1.00E+00	0.23	2.23E-01	7.74E-01
RAD21-AS1	-0.07	8.99E-01	1.00E+00	0.94	2.23E-01	7.74E-01
SAP30	0.15	6.29E-01	1.00E+00	-0.81	2.23E-01	7.74E-01
YIPF5	0.08	6.19E-01	1.00E+00	-0.23	2.23E-01	7.74E-01
RNASEH2B	0.03	9.07E-01	1.00E+00	-0.29	2.23E-01	7.74E-01
TENT5B	-0.59	2.12E-01	1.00E+00	-0.70	2.23E-01	7.74E-01
ABCA5	0.14	5.79E-01	1.00E+00	-0.34	2.23E-01	7.74E-01
INTS4	-0.19	4.24E-01	1.00E+00	-0.21	2.23E-01	7.74E-01
BCKDHB	-0.33	1.90E-01	1.00E+00	-0.42	2.23E-01	7.74E-01
SPIN4	-0.26	5.37E-01	1.00E+00	0.46	2.23E-01	7.74E-01
ADCY3	0.05	8.04E-01	1.00E+00	0.79	2.23E-01	7.74E-01
NDRG1	0.10	6.81E-01	1.00E+00	0.61	2.23E-01	7.74E-01

SUMO3	0.15	3.65E-01	1.00E+00	0.20	2.23E-01	7.74E-01
SP140L	-0.08	8.76E-01	1.00E+00	0.76	2.24E-01	7.74E-01
PCDHB2	-0.01	9.80E-01	1.00E+00	-0.60	2.24E-01	7.74E-01
ATAT1	-0.04	9.28E-01	1.00E+00	0.57	2.24E-01	7.74E-01
C8orf37	-0.67	4.12E-02	1.00E+00	-0.57	2.24E-01	7.74E-01
CNOT11	-0.04	8.68E-01	1.00E+00	-0.58	2.24E-01	7.74E-01
GPR61	-1.22	2.08E-01	1.00E+00	-1.11	2.24E-01	7.74E-01
AP001528.3	1.44	2.52E-01	1.00E+00	-0.79	2.24E-01	7.74E-01
POLR3GL	0.10	7.22E-01	1.00E+00	-0.40	2.24E-01	7.74E-01
SH3BGRL	-0.11	5.61E-01	1.00E+00	-0.27	2.24E-01	7.74E-01
XLOC_013570	-1.39	4.66E-01	1.00E+00	1.77	2.24E-01	7.74E-01
COMMD6	0.08	7.28E-01	1.00E+00	-0.56	2.24E-01	7.74E-01
G35951	-0.82	4.77E-01	1.00E+00	-1.21	2.24E-01	7.74E-01
PIN4	-0.05	7.96E-01	1.00E+00	-0.35	2.24E-01	7.74E-01
OR3A2	-0.15	9.67E-01	1.00E+00	-2.99	2.24E-01	7.74E-01
SRI	0.17	4.29E-01	1.00E+00	-0.44	2.24E-01	7.74E-01
ALMS1P1	-2.14	2.49E-01	1.00E+00	1.71	2.24E-01	7.74E-01
G32308	-2.93	3.88E-01	1.00E+00	2.62	2.24E-01	7.74E-01
MROH8	0.39	4.95E-01	1.00E+00	-0.55	2.24E-01	7.74E-01
ERN2	-2.84	3.87E-01	1.00E+00	-1.13	2.24E-01	7.74E-01
CMTR1	0.13	5.94E-01	1.00E+00	0.52	2.24E-01	7.74E-01
KRTAP5-AS1	-1.94	1.58E-01	1.00E+00	1.25	2.24E-01	7.74E-01
SCRIB	-0.46	1.74E-01	1.00E+00	0.94	2.24E-01	7.74E-01
XLOC_010043	-1.04	7.17E-01	1.00E+00	1.33	2.24E-01	7.74E-01
ARG1	0.62	3.40E-01	1.00E+00	0.83	2.24E-01	7.74E-01
AL133406.3	0.29	6.68E-01	1.00E+00	1.27	2.24E-01	7.74E-01
NR1D2	-0.66	2.09E-03	2.39E-01	-0.36	2.24E-01	7.74E-01
LAPTM4A	0.28	9.15E-02	1.00E+00	-0.36	2.24E-01	7.74E-01
AC020978.3	-0.38	7.93E-01	1.00E+00	-1.55	2.24E-01	7.74E-01
CNFN	0.11	8.48E-01	1.00E+00	0.75	2.25E-01	7.75E-01
GSTA4	-0.05	8.90E-01	1.00E+00	-0.45	2.25E-01	7.75E-01
TRAV8-3	-2.23	5.04E-01	1.00E+00	1.72	2.25E-01	7.75E-01

ADAM9	0.23	3.92E-01	1.00E+00	0.39	2.25E-01	7.75E-01
AC009152.3	-2.47	4.69E-01	1.00E+00	1.73	2.25E-01	7.75E-01
ARHGAP18	0.23	5.14E-01	1.00E+00	0.33	2.25E-01	7.75E-01
EEF2K	0.29	3.76E-01	1.00E+00	-0.42	2.25E-01	7.75E-01
HOXC-AS2	-0.79	1.96E-01	1.00E+00	-0.75	2.25E-01	7.75E-01
AQP4	3.44	1.99E-01	1.00E+00	-1.51	2.25E-01	7.75E-01
CDC7	-0.42	1.94E-01	1.00E+00	0.43	2.25E-01	7.75E-01
LINC01936	0.47	5.02E-01	1.00E+00	1.05	2.25E-01	7.75E-01
XLOC_005173	-3.12	2.14E-01	1.00E+00	-3.88	2.25E-01	7.75E-01
CD1E	0.31	6.29E-01	1.00E+00	-0.81	2.25E-01	7.75E-01
COMMD9	-0.03	8.59E-01	1.00E+00	-0.36	2.25E-01	7.75E-01
GM2A	-0.14	6.38E-01	1.00E+00	0.41	2.25E-01	7.75E-01
MIA2	-0.05	8.54E-01	1.00E+00	-0.19	2.25E-01	7.75E-01
EHD4	-0.39	4.72E-02	1.00E+00	0.42	2.25E-01	7.75E-01
CEP19	0.06	9.17E-01	1.00E+00	-0.71	2.25E-01	7.75E-01
CDIP1	-0.04	8.63E-01	1.00E+00	0.37	2.25E-01	7.75E-01
AC020915.2	-1.28	3.91E-01	1.00E+00	1.13	2.25E-01	7.75E-01
TNRC6C-AS1	-0.36	4.91E-01	1.00E+00	1.30	2.25E-01	7.75E-01
GCNT1	-0.29	4.96E-01	1.00E+00	0.47	2.26E-01	7.75E-01
NXPH4	-0.28	5.31E-01	1.00E+00	-0.79	2.26E-01	7.75E-01
TXNDC16	-0.02	9.34E-01	1.00E+00	-0.26	2.26E-01	7.75E-01
ANKRD27	0.22	3.61E-01	1.00E+00	-0.29	2.26E-01	7.75E-01
HNRNPA1P76	NA	NA	NA	-2.07	2.26E-01	7.75E-01
XLOC_010097	0.10	8.74E-01	1.00E+00	-0.67	2.26E-01	7.75E-01
RPS20	-0.07	8.12E-01	1.00E+00	0.28	2.26E-01	7.75E-01
MUC12	-0.94	5.03E-01	1.00E+00	1.01	2.26E-01	7.75E-01
PLK1	0.55	1.16E-01	1.00E+00	0.43	2.26E-01	7.75E-01
COL6A4P1	0.18	9.09E-01	1.00E+00	1.31	2.26E-01	7.75E-01
AC016405.2	-2.01	4.67E-01	1.00E+00	-1.28	2.26E-01	7.75E-01
AOX1	1.07	5.12E-02	1.00E+00	0.79	2.26E-01	7.75E-01
GPD1L	0.16	5.21E-01	1.00E+00	-0.43	2.26E-01	7.75E-01
ADAL	-0.18	6.32E-01	1.00E+00	-0.39	2.26E-01	7.75E-01

CCDC85A	-0.23	6.68E-01	1.00E+00	-0.92	2.26E-01	7.75E-01
PWWP2B	0.03	9.16E-01	1.00E+00	0.54	2.26E-01	7.75E-01
WDR45BP1	-0.21	9.53E-01	1.00E+00	-1.36	2.26E-01	7.75E-01
NRG3	-0.44	6.21E-01	1.00E+00	-1.36	2.26E-01	7.75E-01
LINC01119	0.71	4.03E-01	1.00E+00	1.27	2.26E-01	7.75E-01
SDCBP2	0.02	9.65E-01	1.00E+00	0.49	2.26E-01	7.75E-01
LRRIQ1	-1.35	1.18E-01	1.00E+00	-1.12	2.26E-01	7.75E-01
AL356599.1	-0.27	4.40E-01	1.00E+00	-0.55	2.26E-01	7.75E-01
RPS23P1	-3.34	1.14E-01	1.00E+00	1.65	2.26E-01	7.75E-01
AC004765.1	-0.50	8.71E-01	1.00E+00	-1.97	2.26E-01	7.75E-01
SMO	-0.12	6.47E-01	1.00E+00	0.54	2.26E-01	7.75E-01
RCSD1	0.32	3.07E-01	1.00E+00	0.81	2.26E-01	7.75E-01
ACIN1	-0.17	4.33E-01	1.00E+00	0.52	2.26E-01	7.75E-01
TTPA	1.04	7.58E-01	1.00E+00	-1.27	2.26E-01	7.75E-01
AC083873.1	0.80	5.35E-01	1.00E+00	-0.67	2.26E-01	7.75E-01
MMP25	-0.76	3.14E-01	1.00E+00	1.33	2.26E-01	7.75E-01
HOXA3	-0.34	5.22E-01	1.00E+00	-0.55	2.26E-01	7.75E-01
CALM2P2	0.88	5.20E-01	1.00E+00	-0.74	2.26E-01	7.75E-01
NUCB2	-0.07	8.40E-01	1.00E+00	-0.42	2.26E-01	7.75E-01
ZDHHC4	0.25	5.81E-01	1.00E+00	-0.38	2.26E-01	7.75E-01
DDX59	-0.10	6.75E-01	1.00E+00	-0.25	2.26E-01	7.75E-01
ISCA2	0.12	6.26E-01	1.00E+00	-0.49	2.26E-01	7.75E-01
PINX1	-0.38	2.16E-01	1.00E+00	0.36	2.26E-01	7.75E-01
TRAV19	3.48	5.98E-03	4.59E-01	1.97	2.27E-01	7.75E-01
SMAD7	-0.12	5.04E-01	1.00E+00	0.77	2.27E-01	7.75E-01
EPHB6	-0.18	7.00E-01	1.00E+00	-0.57	2.27E-01	7.75E-01
RNF144B	-0.04	9.03E-01	1.00E+00	0.30	2.27E-01	7.75E-01
ASXL1	-0.07	7.82E-01	1.00E+00	0.56	2.27E-01	7.75E-01
AC090971.3	-2.41	1.61E-01	1.00E+00	0.94	2.27E-01	7.75E-01
MPZL2	-0.31	3.13E-01	1.00E+00	0.44	2.27E-01	7.75E-01
ABHD3	0.23	5.26E-01	1.00E+00	-0.39	2.27E-01	7.75E-01
C9orf50	-0.82	5.63E-01	1.00E+00	-1.45	2.27E-01	7.75E-01

TRGV10	2.53	2.37E-01	1.00E+00	2.23	2.27E-01	7.75E-01
CYSTM1	0.06	8.91E-01	1.00E+00	-0.42	2.27E-01	7.75E-01
AC007690.1	1.47	6.67E-01	1.00E+00	-1.60	2.27E-01	7.75E-01
FBL	-0.13	6.68E-01	1.00E+00	0.41	2.27E-01	7.75E-01
KIAA0825	-0.02	9.61E-01	1.00E+00	-0.62	2.27E-01	7.75E-01
SYPL1	0.09	6.57E-01	1.00E+00	-0.33	2.27E-01	7.75E-01
AC008440.3	0.86	2.32E-01	1.00E+00	0.95	2.27E-01	7.75E-01
UBE2Q2L	1.32	3.47E-01	1.00E+00	-1.22	2.27E-01	7.75E-01
THRB	0.12	6.24E-01	1.00E+00	-0.31	2.27E-01	7.75E-01
TPX2	-0.06	8.60E-01	1.00E+00	0.45	2.27E-01	7.75E-01
TRMO	0.21	2.78E-01	1.00E+00	0.29	2.27E-01	7.75E-01
AL161908.1	-1.28	2.83E-01	1.00E+00	-1.39	2.27E-01	7.75E-01
SLC35F5	0.42	2.52E-01	1.00E+00	-0.32	2.27E-01	7.75E-01
SYNPO2L	-2.33	2.53E-01	1.00E+00	1.64	2.27E-01	7.75E-01
ZNF556	-2.95	2.66E-01	1.00E+00	2.22	2.27E-01	7.75E-01
HMGB1P10	-0.09	7.81E-01	1.00E+00	-0.32	2.27E-01	7.76E-01
CALML5	-0.05	9.25E-01	1.00E+00	0.80	2.27E-01	7.76E-01
CATSPERB	0.33	6.93E-01	1.00E+00	1.22	2.27E-01	7.76E-01
BHLHE40-AS1	0.34	5.10E-01	1.00E+00	-0.57	2.27E-01	7.76E-01
MIR4697HG	-0.07	9.06E-01	1.00E+00	-1.04	2.28E-01	7.76E-01
PACSIN1	-1.61	3.25E-01	1.00E+00	1.36	2.28E-01	7.76E-01
CPN2	-3.28	9.45E-02	1.00E+00	1.48	2.28E-01	7.76E-01
SEMA3A	0.41	2.45E-01	1.00E+00	0.67	2.28E-01	7.76E-01
SOX8	0.18	7.70E-01	1.00E+00	-0.94	2.28E-01	7.76E-01
NPM1	-0.10	5.15E-01	1.00E+00	0.21	2.28E-01	7.76E-01
CUBN	0.41	2.73E-01	1.00E+00	0.76	2.28E-01	7.76E-01
MAB21L1	0.36	6.91E-01	1.00E+00	1.11	2.28E-01	7.76E-01
YPEL4	-0.11	8.46E-01	1.00E+00	0.66	2.28E-01	7.76E-01
CLEC9A	-0.06	9.16E-01	1.00E+00	1.01	2.28E-01	7.76E-01
CSNK1D	0.13	5.23E-01	1.00E+00	0.31	2.28E-01	7.76E-01
COQ3	-0.07	7.22E-01	1.00E+00	-0.40	2.28E-01	7.76E-01
AC092919.2	-2.63	9.74E-03	6.12E-01	1.16	2.28E-01	7.76E-01

AC023830.3	2.48	9.77E-02	1.00E+00	-3.17	2.28E-01	7.76E-01
HMCN2	-0.14	8.31E-01	1.00E+00	0.82	2.28E-01	7.76E-01
PANTR1	0.34	7.05E-01	1.00E+00	1.00	2.28E-01	7.76E-01
DUTP6	0.10	9.26E-01	1.00E+00	1.04	2.28E-01	7.76E-01
PQLC3	0.25	2.55E-01	1.00E+00	-0.48	2.28E-01	7.76E-01
ITGA3	-0.45	4.54E-02	1.00E+00	0.69	2.28E-01	7.76E-01
SRD5A3	-0.27	3.46E-01	1.00E+00	-0.36	2.28E-01	7.76E-01
KCNQ1	-0.03	9.48E-01	1.00E+00	1.01	2.28E-01	7.76E-01
TRAT1	-1.43	1.79E-01	1.00E+00	1.09	2.28E-01	7.76E-01
SULT1B1	1.68	2.73E-01	1.00E+00	1.52	2.28E-01	7.76E-01
GAS2L3	0.15	5.29E-01	1.00E+00	0.43	2.28E-01	7.76E-01
AC097461.1	0.16	7.19E-01	1.00E+00	-0.66	2.28E-01	7.76E-01
MIR4482-1	2.57	2.75E-01	1.00E+00	0.99	2.28E-01	7.76E-01
NLRC3	0.52	2.16E-01	1.00E+00	0.97	2.29E-01	7.76E-01
DENND1A	-0.35	2.08E-01	1.00E+00	0.69	2.29E-01	7.76E-01
RBCK1	-0.25	4.37E-01	1.00E+00	0.47	2.29E-01	7.76E-01
LINC01549	-2.82	4.11E-02	1.00E+00	1.20	2.29E-01	7.76E-01
MCTS1	-0.04	8.76E-01	1.00E+00	-0.28	2.29E-01	7.77E-01
SPATS2L	-0.01	9.86E-01	1.00E+00	0.34	2.29E-01	7.77E-01
G7528	0.29	8.50E-01	1.00E+00	1.37	2.29E-01	7.77E-01
MED29	-0.07	6.69E-01	1.00E+00	0.16	2.29E-01	7.77E-01
SLC5A10	0.00	9.99E-01	1.00E+00	0.94	2.29E-01	7.77E-01
C2orf66	-0.02	9.95E-01	1.00E+00	-2.18	2.29E-01	7.77E-01
AC026369.3	NA	NA	NA	2.40	2.29E-01	7.77E-01
FAM3C	-0.04	8.48E-01	1.00E+00	-0.53	2.29E-01	7.77E-01
YPEL3	-0.01	9.70E-01	1.00E+00	-0.73	2.29E-01	7.77E-01
AC025594.2	-2.68	1.18E-01	1.00E+00	1.86	2.29E-01	7.77E-01
NETO1	1.92	5.58E-02	1.00E+00	1.52	2.29E-01	7.77E-01
G5134	0.00	1.00E+00	1.00E+00	1.41	2.29E-01	7.77E-01
CENPO	-0.08	8.12E-01	1.00E+00	0.57	2.29E-01	7.77E-01
RUFY1	-0.07	6.85E-01	1.00E+00	-0.31	2.29E-01	7.77E-01
ITPKB-IT1	-2.98	1.32E-01	1.00E+00	-1.55	2.29E-01	7.77E-01

RASGEF1A	-0.09	8.52E-01	1.00E+00	0.87	2.29E-01	7.77E-01
IGHV1-24	1.46	6.70E-01	1.00E+00	3.80	2.29E-01	7.77E-01
SUDS3	0.32	2.00E-01	1.00E+00	-0.24	2.29E-01	7.77E-01
BACE1	-0.19	4.21E-01	1.00E+00	0.55	2.29E-01	7.77E-01
SCGB1B2P	-1.22	4.93E-01	1.00E+00	-3.76	2.29E-01	7.77E-01
ALPK3	0.23	7.68E-01	1.00E+00	1.14	2.30E-01	7.77E-01
AC104843.1	0.10	9.77E-01	1.00E+00	-0.82	2.30E-01	7.77E-01
ZNF197	0.00	9.96E-01	1.00E+00	0.43	2.30E-01	7.78E-01
MSNP1	0.43	9.03E-01	1.00E+00	0.78	2.30E-01	7.78E-01
VGF	-2.82	2.03E-04	4.65E-02	1.68	2.30E-01	7.78E-01
HS3ST6	-0.12	8.09E-01	1.00E+00	-0.86	2.30E-01	7.78E-01
ZNF611	0.05	8.31E-01	1.00E+00	-0.26	2.30E-01	7.78E-01
SCYL3	0.26	2.32E-01	1.00E+00	-0.23	2.30E-01	7.78E-01
TRBV5-6	-1.52	3.87E-01	1.00E+00	1.51	2.30E-01	7.78E-01
OLFM4	-0.17	8.77E-01	1.00E+00	1.64	2.30E-01	7.78E-01
AC008622.2	0.33	7.86E-01	1.00E+00	-0.86	2.30E-01	7.78E-01
AC092653.2	1.22	6.01E-01	1.00E+00	-1.03	2.30E-01	7.79E-01
DCX	0.09	9.38E-01	1.00E+00	1.17	2.30E-01	7.79E-01
RIPPLY2	-1.37	5.37E-01	1.00E+00	1.86	2.30E-01	7.79E-01
SFT2D1	0.49	2.44E-02	9.22E-01	-0.37	2.31E-01	7.79E-01
UBE4A	0.00	9.91E-01	1.00E+00	-0.20	2.31E-01	7.79E-01
SIK2	0.29	4.67E-01	1.00E+00	0.48	2.31E-01	7.79E-01
ANKRD16	-0.20	4.34E-01	1.00E+00	-0.65	2.31E-01	7.79E-01
AC022415.1	0.26	7.96E-01	1.00E+00	-0.76	2.31E-01	7.79E-01
NPIP3	-0.30	7.37E-01	1.00E+00	0.95	2.31E-01	7.79E-01
RNF113A	-0.02	9.09E-01	1.00E+00	0.19	2.31E-01	7.79E-01
ADM	-0.63	1.39E-01	1.00E+00	0.56	2.31E-01	7.79E-01
FAM189A1	-0.65	5.14E-01	1.00E+00	-1.36	2.31E-01	7.79E-01
INO80	-0.11	5.38E-01	1.00E+00	0.48	2.31E-01	7.79E-01
DMTN	0.09	6.78E-01	1.00E+00	-0.46	2.31E-01	7.79E-01
TMEM258	-0.15	4.30E-01	1.00E+00	-0.52	2.31E-01	7.79E-01
G39634	-0.12	9.31E-01	1.00E+00	1.33	2.31E-01	7.79E-01

SLC40A1	0.53	2.37E-01	1.00E+00	-0.41	2.31E-01	7.79E-01
PDE4A	0.01	9.74E-01	1.00E+00	0.55	2.31E-01	7.79E-01
PIDD1	0.00	9.99E-01	1.00E+00	0.74	2.31E-01	7.79E-01
XLOC_003463	-1.92	5.78E-01	1.00E+00	-1.72	2.31E-01	7.79E-01
ZNF445	0.27	3.92E-01	1.00E+00	0.62	2.31E-01	7.79E-01
RNF138	0.02	9.38E-01	1.00E+00	-0.31	2.31E-01	7.79E-01
RNF145	0.10	6.69E-01	1.00E+00	0.51	2.31E-01	7.79E-01
PHF20	-0.06	7.41E-01	1.00E+00	0.18	2.31E-01	7.79E-01
ZFP92	0.31	6.82E-01	1.00E+00	1.16	2.31E-01	7.79E-01
RNU1-59P	-0.86	4.35E-01	1.00E+00	-0.88	2.31E-01	7.79E-01
TSN	0.02	8.84E-01	1.00E+00	-0.25	2.31E-01	7.79E-01
NXPE3	0.26	4.22E-01	1.00E+00	0.62	2.31E-01	7.79E-01
LMF1-AS1	0.42	7.06E-01	1.00E+00	1.19	2.31E-01	7.79E-01
MED25	-0.13	6.40E-01	1.00E+00	0.64	2.31E-01	7.79E-01
9-Sep	-0.28	1.74E-01	1.00E+00	0.68	2.32E-01	7.79E-01
ARGFXP2	0.67	8.44E-01	1.00E+00	2.08	2.32E-01	7.79E-01
AC024575.1	2.23	3.37E-01	1.00E+00	1.02	2.32E-01	7.79E-01
PDCD5P1	-0.58	8.67E-01	1.00E+00	-0.94	2.32E-01	7.79E-01
BX088651.4	-0.77	4.33E-01	1.00E+00	-0.73	2.32E-01	7.79E-01
CLPTM1L	0.11	5.33E-01	1.00E+00	-0.57	2.32E-01	7.79E-01
DMGDH	0.68	2.04E-01	1.00E+00	-0.80	2.32E-01	7.79E-01
C16orf71	-0.42	6.33E-01	1.00E+00	-1.21	2.32E-01	7.79E-01
CPT1C	-0.78	1.46E-02	7.60E-01	0.52	2.32E-01	7.79E-01
DIAPH2-AS1	-1.16	3.60E-01	1.00E+00	1.01	2.32E-01	7.79E-01
AC025166.1	-0.43	6.77E-01	1.00E+00	-0.97	2.32E-01	7.79E-01
CASP1	-0.17	6.04E-01	1.00E+00	0.31	2.32E-01	7.79E-01
AC107067.1	-0.07	9.59E-01	1.00E+00	1.17	2.32E-01	7.79E-01
EIF4EBP1	-0.31	3.60E-01	1.00E+00	0.39	2.32E-01	7.79E-01
AC011416.3	-2.54	1.76E-02	8.33E-01	-1.00	2.32E-01	7.79E-01
AC127070.4	0.75	7.33E-01	1.00E+00	-1.17	2.32E-01	7.79E-01
TARS2	-0.01	9.55E-01	1.00E+00	0.17	2.32E-01	7.79E-01
PA2G4P6	-1.52	6.60E-01	1.00E+00	0.96	2.32E-01	7.79E-01

RPS6KA5	-0.02	9.46E-01	1.00E+00	-0.34	2.32E-01	7.79E-01
ADM2	-0.01	9.92E-01	1.00E+00	1.22	2.32E-01	7.79E-01
KLHL10	-0.14	9.31E-01	1.00E+00	-1.41	2.32E-01	7.79E-01
ARID5B	-0.08	7.53E-01	1.00E+00	0.30	2.32E-01	7.79E-01
ZNF568	0.37	1.97E-01	1.00E+00	-0.37	2.32E-01	7.79E-01
SKA1	-0.15	7.06E-01	1.00E+00	0.69	2.32E-01	7.79E-01
PAXX	-0.25	4.54E-01	1.00E+00	0.28	2.32E-01	7.79E-01
PHBP12	-1.93	5.74E-01	1.00E+00	-1.38	2.32E-01	7.79E-01
GLYATL1P4	-1.47	3.14E-01	1.00E+00	-1.74	2.32E-01	7.79E-01
BX005266.2	0.35	7.07E-01	1.00E+00	-0.76	2.32E-01	7.79E-01
PET100	0.47	6.23E-01	1.00E+00	-0.70	2.32E-01	7.79E-01
SF3B1	0.01	9.77E-01	1.00E+00	0.14	2.32E-01	7.79E-01
COL10A1	0.33	7.34E-01	1.00E+00	1.04	2.32E-01	7.79E-01
KYAT3	-0.20	4.99E-01	1.00E+00	-0.28	2.32E-01	7.79E-01
TUG1	0.00	9.97E-01	1.00E+00	0.26	2.32E-01	7.79E-01
TMEM54	0.06	8.67E-01	1.00E+00	-0.70	2.32E-01	7.79E-01
LRFN3	-0.09	7.13E-01	1.00E+00	0.96	2.33E-01	7.79E-01
TBL1X	0.51	4.50E-02	1.00E+00	0.32	2.33E-01	7.79E-01
TRPV6	-0.16	6.36E-01	1.00E+00	-0.68	2.33E-01	7.79E-01
AL590999.1	1.18	3.85E-01	1.00E+00	1.46	2.33E-01	7.79E-01
TRIP12	0.06	6.81E-01	1.00E+00	0.41	2.33E-01	7.79E-01
FSTL5	-1.09	2.90E-01	1.00E+00	1.58	2.33E-01	7.79E-01
RASGRP3	0.22	7.12E-01	1.00E+00	0.56	2.33E-01	7.79E-01
AC117402.1	-2.88	8.48E-02	1.00E+00	-1.88	2.33E-01	7.80E-01
LIAS	-0.11	6.79E-01	1.00E+00	-0.33	2.33E-01	7.80E-01
ZC3H4	-0.09	7.22E-01	1.00E+00	0.63	2.33E-01	7.80E-01
CTBP1	-0.19	2.34E-01	1.00E+00	-0.26	2.33E-01	7.80E-01
PEX26	0.10	6.26E-01	1.00E+00	0.65	2.33E-01	7.80E-01
C12orf4	0.15	5.09E-01	1.00E+00	0.27	2.33E-01	7.80E-01
GABRB3	0.10	8.70E-01	1.00E+00	-0.78	2.33E-01	7.80E-01
NAP1L1	-0.04	8.37E-01	1.00E+00	0.21	2.33E-01	7.80E-01
CUL5	0.17	4.23E-01	1.00E+00	-0.27	2.33E-01	7.80E-01

TSEN34	-0.13	5.87E-01	1.00E+00	-0.55	2.33E-01	7.80E-01
TMEM177	0.16	6.81E-01	1.00E+00	-0.30	2.33E-01	7.80E-01
ZDHHC15	0.03	9.25E-01	1.00E+00	-0.47	2.33E-01	7.80E-01
PGLYRP4	-0.25	5.36E-01	1.00E+00	0.73	2.34E-01	7.80E-01
EXTL3	0.02	9.22E-01	1.00E+00	0.52	2.34E-01	7.80E-01
STK19	0.00	1.00E+00	1.00E+00	0.31	2.34E-01	7.81E-01
MRPL35P2	-3.57	2.42E-02	9.20E-01	1.21	2.34E-01	7.81E-01
RELB	-0.21	5.57E-01	1.00E+00	0.97	2.34E-01	7.81E-01
AC016700.2	0.04	9.87E-01	1.00E+00	-0.73	2.34E-01	7.81E-01
AL355987.4	1.08	2.98E-01	1.00E+00	-1.26	2.34E-01	7.81E-01
AC011444.1	0.76	5.20E-01	1.00E+00	-0.76	2.34E-01	7.81E-01
FAM98B	-0.21	1.64E-01	1.00E+00	0.49	2.34E-01	7.81E-01
NEXN	0.05	9.27E-01	1.00E+00	0.54	2.34E-01	7.81E-01
AF127577.4	0.99	3.37E-01	1.00E+00	-0.81	2.34E-01	7.81E-01
PHF12	-0.27	2.22E-01	1.00E+00	0.58	2.34E-01	7.81E-01
FRMD6	0.10	7.45E-01	1.00E+00	0.27	2.34E-01	7.81E-01
AL445524.1	0.27	4.97E-01	1.00E+00	-0.50	2.34E-01	7.81E-01
ADCY1	0.00	9.97E-01	1.00E+00	0.95	2.34E-01	7.81E-01
G26051	0.48	7.26E-01	1.00E+00	1.70	2.34E-01	7.81E-01
ZHX3	0.31	2.40E-01	1.00E+00	0.42	2.34E-01	7.81E-01
UNC13D	-0.38	3.40E-01	1.00E+00	0.93	2.34E-01	7.81E-01
LINC00346	0.40	4.78E-01	1.00E+00	1.27	2.34E-01	7.81E-01
RBFOX1	-0.41	8.55E-01	1.00E+00	1.10	2.34E-01	7.81E-01
SLC9A9	0.34	2.15E-01	1.00E+00	0.27	2.34E-01	7.81E-01
RPL21P4	NA	NA	NA	-0.89	2.34E-01	7.81E-01
MAGED1	-0.40	1.91E-01	1.00E+00	0.27	2.34E-01	7.81E-01
PLB1	-0.69	9.80E-02	1.00E+00	0.38	2.34E-01	7.81E-01
TFAM	0.12	6.33E-01	1.00E+00	-0.21	2.34E-01	7.81E-01
KIF24	-0.08	8.01E-01	1.00E+00	0.86	2.34E-01	7.81E-01
TMEM47	0.31	5.42E-01	1.00E+00	-0.66	2.34E-01	7.81E-01
USP12-AS1	-1.55	6.51E-01	1.00E+00	1.03	2.34E-01	7.81E-01
AP003025.1	-1.20	6.88E-01	1.00E+00	1.57	2.35E-01	7.81E-01

ZNF555	-0.14	7.15E-01	1.00E+00	-0.49	2.35E-01	7.81E-01
TLN2	0.75	2.36E-01	1.00E+00	0.62	2.35E-01	7.81E-01
ASPRV1	0.15	8.18E-01	1.00E+00	0.75	2.35E-01	7.81E-01
TMEM182	0.22	5.23E-01	1.00E+00	-0.54	2.35E-01	7.81E-01
PRKCZ	-0.36	2.03E-01	1.00E+00	-0.76	2.35E-01	7.81E-01
SPRR4	-1.48	6.43E-01	1.00E+00	1.15	2.35E-01	7.81E-01
DAND5	1.09	5.40E-01	1.00E+00	-1.26	2.35E-01	7.81E-01
CHD6	-0.03	8.73E-01	1.00E+00	0.29	2.35E-01	7.81E-01
GPR171	0.29	7.25E-01	1.00E+00	0.81	2.35E-01	7.81E-01
CENPU	-0.71	2.02E-01	1.00E+00	-0.60	2.35E-01	7.81E-01
HOXC12	0.34	5.32E-01	1.00E+00	-0.63	2.35E-01	7.81E-01
MAP2K4	0.18	4.49E-01	1.00E+00	-0.43	2.35E-01	7.81E-01
ZNF680	0.13	7.63E-01	1.00E+00	-0.51	2.35E-01	7.81E-01
CHFR	-0.14	6.57E-01	1.00E+00	0.34	2.35E-01	7.81E-01
ADHFE1	1.44	1.95E-01	1.00E+00	-0.92	2.35E-01	7.81E-01
DCAF7	0.13	5.69E-01	1.00E+00	0.33	2.35E-01	7.81E-01
SNUPN	0.00	9.95E-01	1.00E+00	-0.35	2.35E-01	7.81E-01
DMRTA1	-0.07	9.55E-01	1.00E+00	0.85	2.35E-01	7.81E-01
CDX1	1.37	1.33E-01	1.00E+00	1.24	2.35E-01	7.81E-01
NBPF15	-0.41	2.29E-01	1.00E+00	0.35	2.35E-01	7.81E-01
N4BP2L2	0.02	9.36E-01	1.00E+00	-0.30	2.35E-01	7.81E-01
FURIN	-0.29	1.62E-01	1.00E+00	0.77	2.35E-01	7.81E-01
LRRC3-DT	0.58	7.35E-01	1.00E+00	-1.58	2.35E-01	7.81E-01
SORD2P	-2.66	8.68E-02	1.00E+00	0.90	2.36E-01	7.82E-01
TSPAN31	0.16	4.23E-01	1.00E+00	-0.29	2.36E-01	7.82E-01
LIN9	0.10	7.73E-01	1.00E+00	-0.49	2.36E-01	7.82E-01
ERCC1	-0.29	2.39E-01	1.00E+00	0.19	2.36E-01	7.82E-01
CDKL1	0.70	1.01E-01	1.00E+00	0.51	2.36E-01	7.82E-01
AL591468.1	NA	NA	NA	2.21	2.36E-01	7.82E-01
XPOT	0.11	6.53E-01	1.00E+00	-0.25	2.36E-01	7.82E-01
AL390728.4	-0.04	9.44E-01	1.00E+00	0.40	2.36E-01	7.82E-01
REM1	0.18	7.55E-01	1.00E+00	0.65	2.36E-01	7.82E-01

LINC01465	-1.14	4.55E-02	1.00E+00	0.62	2.36E-01	7.82E-01
TMEM88	1.49	6.44E-02	1.00E+00	-0.81	2.36E-01	7.82E-01
LIF	-0.12	6.83E-01	1.00E+00	0.87	2.36E-01	7.82E-01
BACH1-AS1	-0.78	7.87E-01	1.00E+00	-1.39	2.36E-01	7.82E-01
AL359541.1	0.60	7.19E-01	1.00E+00	1.24	2.36E-01	7.82E-01
C8orf34-AS1	-3.35	2.92E-02	9.89E-01	1.27	2.36E-01	7.82E-01
CALD1	0.00	9.94E-01	1.00E+00	0.39	2.36E-01	7.82E-01
XRCC3	-0.06	8.74E-01	1.00E+00	0.51	2.36E-01	7.82E-01
FOXD2-AS1	0.02	9.83E-01	1.00E+00	1.30	2.36E-01	7.83E-01
FAM129C	-0.40	7.57E-01	1.00E+00	1.69	2.36E-01	7.83E-01
TMEM95	-0.57	6.93E-01	1.00E+00	1.67	2.36E-01	7.83E-01
HSPD1P4	1.33	5.65E-01	1.00E+00	-0.70	2.36E-01	7.83E-01
NUTM2B	0.18	7.71E-01	1.00E+00	1.61	2.37E-01	7.83E-01
LINC01473	-1.31	1.75E-01	1.00E+00	-0.88	2.37E-01	7.83E-01
AL449106.1	-0.20	9.07E-01	1.00E+00	2.37	2.37E-01	7.83E-01
LINC00303	0.09	9.79E-01	1.00E+00	1.87	2.37E-01	7.83E-01
AC004771.3	-2.49	2.50E-02	9.28E-01	0.96	2.37E-01	7.83E-01
AC068700.1	0.28	6.95E-01	1.00E+00	-1.20	2.37E-01	7.83E-01
AC005725.1	0.39	7.92E-01	1.00E+00	1.62	2.37E-01	7.83E-01
BAG4	0.07	7.62E-01	1.00E+00	-0.43	2.37E-01	7.83E-01
AP001189.5	-1.17	4.08E-01	1.00E+00	-1.20	2.37E-01	7.83E-01
AC074011.1	-1.51	4.58E-01	1.00E+00	-1.13	2.37E-01	7.83E-01
XLOC_013283	-1.14	2.71E-01	1.00E+00	1.07	2.37E-01	7.83E-01
AC009159.3	-1.84	5.55E-01	1.00E+00	0.93	2.37E-01	7.83E-01
G8753	-0.42	7.51E-01	1.00E+00	-0.92	2.37E-01	7.83E-01
CCNC	0.08	7.78E-01	1.00E+00	-0.44	2.37E-01	7.83E-01
LDOC1	-0.31	2.50E-01	1.00E+00	-0.30	2.37E-01	7.84E-01
MYO3A	-0.49	3.44E-01	1.00E+00	-1.09	2.37E-01	7.84E-01
AC063952.1	0.13	9.71E-01	1.00E+00	1.15	2.37E-01	7.84E-01
GPR37	-0.04	8.90E-01	1.00E+00	-0.68	2.37E-01	7.84E-01
UCP3	-0.26	6.71E-01	1.00E+00	1.50	2.37E-01	7.84E-01
G10910	0.15	8.92E-01	1.00E+00	1.28	2.38E-01	7.84E-01

CAT	0.28	3.91E-01	1.00E+00	-0.41	2.38E-01	7.84E-01
AC093249.6	-0.47	4.77E-01	1.00E+00	-0.70	2.38E-01	7.84E-01
AL451123.1	-0.03	9.59E-01	1.00E+00	0.73	2.38E-01	7.84E-01
AC018638.4	-0.87	6.64E-02	1.00E+00	1.42	2.38E-01	7.84E-01
AC119428.2	-2.14	2.26E-01	1.00E+00	1.09	2.38E-01	7.84E-01
XLOC_011616	-0.74	7.33E-01	1.00E+00	-1.66	2.38E-01	7.84E-01
ZMYND15	-0.25	6.06E-01	1.00E+00	1.10	2.38E-01	7.84E-01
RGS9	0.42	1.36E-01	1.00E+00	-0.37	2.38E-01	7.84E-01
LZIC	-0.16	4.53E-01	1.00E+00	-0.21	2.38E-01	7.84E-01
AL928921.2	0.75	1.67E-01	1.00E+00	-0.57	2.38E-01	7.84E-01
GALNT10	0.33	2.99E-01	1.00E+00	0.61	2.38E-01	7.84E-01
TCTEX1D1	0.25	7.27E-01	1.00E+00	1.04	2.38E-01	7.84E-01
CDC42SE2	0.09	5.89E-01	1.00E+00	0.22	2.38E-01	7.84E-01
ADAT1	-0.17	3.42E-01	1.00E+00	0.30	2.38E-01	7.84E-01
UNC5C	0.07	9.33E-01	1.00E+00	0.83	2.38E-01	7.84E-01
PTGR1	-0.08	7.73E-01	1.00E+00	-0.26	2.38E-01	7.84E-01
ACTG1	-0.28	9.18E-02	1.00E+00	0.22	2.38E-01	7.84E-01
MYL12B	0.00	9.80E-01	1.00E+00	-0.27	2.38E-01	7.84E-01
ZNF260	0.33	2.88E-01	1.00E+00	-0.33	2.38E-01	7.84E-01
ZNF124	0.07	8.55E-01	1.00E+00	0.45	2.38E-01	7.84E-01
AC007229.1	NA	NA	NA	-0.92	2.38E-01	7.84E-01
L3MBTL2	-0.15	4.89E-01	1.00E+00	0.34	2.38E-01	7.84E-01
C2CD4A	-0.39	6.81E-01	1.00E+00	-1.22	2.38E-01	7.84E-01
PPP1R2	0.15	4.03E-01	1.00E+00	-0.23	2.38E-01	7.84E-01
HIST2H2AA4	-1.40	2.70E-01	1.00E+00	-0.58	2.38E-01	7.84E-01
SUZ12P1	0.08	8.42E-01	1.00E+00	-0.45	2.39E-01	7.85E-01
TMEM106A	0.61	1.69E-01	1.00E+00	0.88	2.39E-01	7.85E-01
CDK5RAP1	0.26	1.45E-01	1.00E+00	0.21	2.39E-01	7.85E-01
WIPF2	-0.10	6.51E-01	1.00E+00	0.28	2.39E-01	7.85E-01
TNFAIP1	-0.17	3.42E-01	1.00E+00	0.25	2.39E-01	7.85E-01
IGHV1-58	1.59	6.41E-01	1.00E+00	2.46	2.39E-01	7.85E-01
MT-CO2	-0.11	7.68E-01	1.00E+00	-0.42	2.39E-01	7.85E-01

C6orf52	-1.39	1.94E-02	8.74E-01	-0.58	2.39E-01	7.85E-01
KIF18A	0.31	4.22E-01	1.00E+00	-0.71	2.39E-01	7.85E-01
NOD1	-0.17	4.44E-01	1.00E+00	0.67	2.39E-01	7.85E-01
XLOC_003930	-0.20	8.59E-01	1.00E+00	1.08	2.39E-01	7.85E-01
RAC3	-0.15	7.00E-01	1.00E+00	0.73	2.39E-01	7.85E-01
G32202	-0.50	5.63E-01	1.00E+00	1.16	2.39E-01	7.86E-01
CLCA2	-0.47	2.62E-01	1.00E+00	0.56	2.39E-01	7.86E-01
MIR4477B	0.72	5.15E-01	1.00E+00	1.14	2.39E-01	7.86E-01
RAB13	0.24	3.52E-01	1.00E+00	0.27	2.39E-01	7.86E-01
PRRC2B	-0.08	7.22E-01	1.00E+00	0.72	2.39E-01	7.86E-01
AC005696.1	-0.44	6.72E-01	1.00E+00	-0.75	2.39E-01	7.86E-01
XLOC_005574	-0.22	7.95E-01	1.00E+00	-0.97	2.40E-01	7.86E-01
G15373	-1.60	2.67E-01	1.00E+00	-0.76	2.40E-01	7.86E-01
G38557	-3.71	3.63E-02	1.00E+00	-1.89	2.40E-01	7.86E-01
CDH2	-0.99	6.35E-02	1.00E+00	0.93	2.40E-01	7.86E-01
SLC22A16	0.75	6.96E-01	1.00E+00	1.27	2.40E-01	7.86E-01
CRABP2	-0.19	4.90E-01	1.00E+00	0.47	2.40E-01	7.86E-01
AC007036.1	-0.60	8.59E-01	1.00E+00	1.29	2.40E-01	7.86E-01
IGLJ3	NA	NA	NA	2.23	2.40E-01	7.86E-01
VPS26A	0.02	9.30E-01	1.00E+00	-0.43	2.40E-01	7.86E-01
FASTKD3	-0.01	9.69E-01	1.00E+00	-0.39	2.40E-01	7.86E-01
CAMSAP1	-0.28	3.17E-01	1.00E+00	0.51	2.40E-01	7.86E-01
SETD4	0.30	2.42E-01	1.00E+00	-0.30	2.40E-01	7.86E-01
OSCP1	-0.13	6.71E-01	1.00E+00	-0.39	2.40E-01	7.86E-01
DCLK1	0.65	2.02E-01	1.00E+00	0.50	2.40E-01	7.86E-01
TRAPPC6B	-0.15	6.27E-01	1.00E+00	0.30	2.40E-01	7.86E-01
CD8B	0.56	1.12E-01	1.00E+00	0.89	2.40E-01	7.86E-01
AL807752.5	-1.29	3.41E-01	1.00E+00	1.76	2.40E-01	7.86E-01
XLOC_000303	-1.28	1.79E-01	1.00E+00	-1.29	2.40E-01	7.86E-01
TMEM106B	0.05	8.47E-01	1.00E+00	-0.31	2.40E-01	7.86E-01
LCE2A	0.86	2.07E-01	1.00E+00	0.82	2.40E-01	7.86E-01
HTR7P1	0.23	4.17E-01	1.00E+00	0.62	2.40E-01	7.86E-01

AC090246.1	1.13	5.64E-01	1.00E+00	1.48	2.40E-01	7.86E-01
PLEKHB2	0.10	6.50E-01	1.00E+00	0.18	2.40E-01	7.86E-01
ERMAP	0.13	5.95E-01	1.00E+00	0.29	2.40E-01	7.86E-01
TLE1	-0.03	9.14E-01	1.00E+00	-0.61	2.40E-01	7.86E-01
CCDC9B	0.27	4.35E-01	1.00E+00	0.49	2.41E-01	7.86E-01
H2AFJ	0.25	3.55E-01	1.00E+00	0.27	2.41E-01	7.86E-01
ACTL6A	-0.13	5.21E-01	1.00E+00	-0.30	2.41E-01	7.86E-01
ADAMTS18	-0.54	6.83E-01	1.00E+00	1.40	2.41E-01	7.86E-01
TRG-AS1	-0.22	8.44E-01	1.00E+00	1.23	2.41E-01	7.86E-01
DNAJC21	0.13	5.31E-01	1.00E+00	-0.33	2.41E-01	7.87E-01
AL162151.2	-1.04	3.94E-01	1.00E+00	-0.71	2.41E-01	7.87E-01
GMEB1	0.06	7.18E-01	1.00E+00	0.30	2.41E-01	7.87E-01
TMSB4X	0.20	4.58E-01	1.00E+00	-0.40	2.41E-01	7.87E-01
NDUFA13	0.20	8.69E-01	1.00E+00	-0.68	2.41E-01	7.87E-01
FAM160B1	0.05	8.89E-01	1.00E+00	-0.44	2.41E-01	7.87E-01
LSM3	0.05	8.19E-01	1.00E+00	-0.48	2.41E-01	7.87E-01
ENTPD4	0.06	8.55E-01	1.00E+00	0.40	2.41E-01	7.87E-01
LRP4-AS1	0.97	4.48E-01	1.00E+00	-1.17	2.41E-01	7.87E-01
DPEP3	0.90	7.91E-01	1.00E+00	1.82	2.41E-01	7.87E-01
HMGB3	-0.07	8.10E-01	1.00E+00	0.36	2.41E-01	7.87E-01
STK36	0.25	5.04E-01	1.00E+00	0.74	2.41E-01	7.87E-01
RUNDC3A-AS1	-0.56	5.51E-01	1.00E+00	-1.08	2.41E-01	7.87E-01
NPTN-IT1	1.55	3.49E-01	1.00E+00	-1.60	2.41E-01	7.87E-01
ALG1L6P	0.18	7.73E-01	1.00E+00	0.85	2.41E-01	7.87E-01
TAS2R15P	-2.72	2.50E-01	1.00E+00	-1.68	2.41E-01	7.87E-01
NXPE2	0.05	9.76E-01	1.00E+00	1.75	2.41E-01	7.87E-01
XKRX	0.32	6.02E-01	1.00E+00	0.75	2.42E-01	7.88E-01
ATE1	0.00	9.90E-01	1.00E+00	-0.25	2.42E-01	7.88E-01
TRPS1	-0.73	4.49E-02	1.00E+00	0.35	2.42E-01	7.88E-01
ZNF331	0.16	4.27E-01	1.00E+00	0.32	2.42E-01	7.88E-01
TEX264	0.12	6.56E-01	1.00E+00	0.21	2.42E-01	7.88E-01
PDE3A	-0.02	9.67E-01	1.00E+00	0.72	2.42E-01	7.88E-01

FMN1	-0.29	4.32E-01	1.00E+00	0.49	2.42E-01	7.88E-01
ZNF587B	0.19	6.17E-01	1.00E+00	-0.35	2.42E-01	7.88E-01
IMPA1	0.08	8.05E-01	1.00E+00	-0.31	2.42E-01	7.88E-01
ZNF225	0.21	5.86E-01	1.00E+00	-0.54	2.42E-01	7.88E-01
TIGAR	-0.37	5.61E-01	1.00E+00	0.42	2.42E-01	7.88E-01
IKZF4	0.27	4.31E-01	1.00E+00	0.55	2.42E-01	7.88E-01
NCMAP	-0.18	7.95E-01	1.00E+00	1.03	2.42E-01	7.88E-01
MALL	-0.26	5.25E-01	1.00E+00	0.28	2.42E-01	7.88E-01
GOLGA8VP	-0.53	8.77E-01	1.00E+00	-2.10	2.42E-01	7.88E-01
UACA	0.04	8.85E-01	1.00E+00	-0.25	2.42E-01	7.88E-01
ERI3	-0.23	2.10E-01	1.00E+00	-0.21	2.42E-01	7.88E-01
LINC00324	0.06	8.17E-01	1.00E+00	-0.43	2.42E-01	7.88E-01
OR10A6	0.90	6.37E-01	1.00E+00	-1.36	2.42E-01	7.88E-01
LRRN3	1.04	2.39E-01	1.00E+00	-0.82	2.42E-01	7.88E-01
AC010186.3	0.66	3.71E-01	1.00E+00	0.94	2.42E-01	7.88E-01
G12578	0.25	6.51E-01	1.00E+00	-1.05	2.42E-01	7.88E-01
ZNF654	-0.02	9.53E-01	1.00E+00	-0.33	2.42E-01	7.88E-01
AC007238.1	0.02	9.83E-01	1.00E+00	-0.55	2.42E-01	7.88E-01
HEXB	0.21	3.16E-01	1.00E+00	0.29	2.42E-01	7.88E-01
MPRIPP1	-1.41	1.84E-01	1.00E+00	1.09	2.43E-01	7.88E-01
LDHB	0.74	4.58E-01	1.00E+00	-0.84	2.43E-01	7.88E-01
REPS1	-0.01	9.61E-01	1.00E+00	-0.47	2.43E-01	7.88E-01
G7666	0.33	7.29E-01	1.00E+00	0.83	2.43E-01	7.88E-01
PPP1R15B	-0.03	9.34E-01	1.00E+00	0.26	2.43E-01	7.88E-01
NAXE	-0.09	5.62E-01	1.00E+00	-0.31	2.43E-01	7.88E-01
CXCL2	-3.18	1.37E-02	7.37E-01	1.20	2.43E-01	7.88E-01
TXNRD3	0.02	9.51E-01	1.00E+00	-0.73	2.43E-01	7.88E-01
BX890604.2	-0.33	3.54E-01	1.00E+00	-0.56	2.43E-01	7.89E-01
FAM182B	-0.67	3.94E-01	1.00E+00	-0.80	2.43E-01	7.89E-01
AP001885.1	0.05	9.88E-01	1.00E+00	-2.16	2.43E-01	7.89E-01
ZYX	-0.39	1.55E-01	1.00E+00	0.67	2.43E-01	7.89E-01
RAET1L	0.04	9.50E-01	1.00E+00	0.79	2.43E-01	7.89E-01

TTN	0.95	4.59E-02	1.00E+00	0.41	2.43E-01	7.89E-01
USP32	0.05	8.82E-01	1.00E+00	0.56	2.43E-01	7.89E-01
ATF4	-0.15	5.89E-01	1.00E+00	0.52	2.43E-01	7.89E-01
SLBP	-0.13	5.79E-01	1.00E+00	-0.44	2.43E-01	7.89E-01
AC106827.1	-0.67	8.47E-01	1.00E+00	-1.60	2.43E-01	7.89E-01
PKIG	0.05	8.70E-01	1.00E+00	0.35	2.43E-01	7.89E-01
PDE10A	-0.51	3.74E-01	1.00E+00	1.12	2.43E-01	7.89E-01
COX7A2	-0.02	8.85E-01	1.00E+00	-0.37	2.43E-01	7.89E-01
ASAH1	0.41	7.51E-02	1.00E+00	-0.46	2.43E-01	7.89E-01
CCDC183	-0.33	5.04E-01	1.00E+00	0.63	2.43E-01	7.89E-01
GSTK1	-0.14	4.52E-01	1.00E+00	-0.14	2.44E-01	7.89E-01
ADGRF2	0.29	5.17E-01	1.00E+00	0.80	2.44E-01	7.89E-01
HS3ST4	-0.65	4.99E-01	1.00E+00	-1.39	2.44E-01	7.89E-01
MYO1E	-0.27	2.84E-01	1.00E+00	0.44	2.44E-01	7.89E-01
XLOC_012841	-0.05	9.58E-01	1.00E+00	-1.23	2.44E-01	7.89E-01
LINC01725	-0.50	2.72E-01	1.00E+00	0.70	2.44E-01	7.89E-01
OSBPL3	-0.06	8.64E-01	1.00E+00	0.37	2.44E-01	7.90E-01
XLOC_010811	-2.23	2.34E-01	1.00E+00	-1.15	2.44E-01	7.90E-01
FO XK2	-0.18	4.94E-01	1.00E+00	0.54	2.44E-01	7.90E-01
CFAP58	-1.76	2.01E-02	8.84E-01	-1.17	2.44E-01	7.90E-01
TULP2	0.52	5.40E-01	1.00E+00	1.21	2.44E-01	7.90E-01
EIF1P7	0.66	8.49E-01	1.00E+00	-0.98	2.44E-01	7.90E-01
MLLT11	-0.86	1.05E-02	6.35E-01	0.40	2.44E-01	7.90E-01
AL139246.3	-1.29	5.01E-01	1.00E+00	-1.72	2.44E-01	7.90E-01
HPS4	0.14	5.56E-01	1.00E+00	0.22	2.44E-01	7.90E-01
SLC9A1	-0.22	4.79E-01	1.00E+00	0.66	2.44E-01	7.90E-01
WDR43	-0.23	3.70E-01	1.00E+00	0.24	2.44E-01	7.90E-01
GIMAP1	0.33	5.11E-01	1.00E+00	0.60	2.44E-01	7.90E-01
C4orf33	0.25	3.73E-01	1.00E+00	0.32	2.44E-01	7.90E-01
YWHAZP2	0.43	7.93E-01	1.00E+00	-0.74	2.45E-01	7.90E-01
MME	2.60	6.35E-02	1.00E+00	1.00	2.45E-01	7.90E-01
CPQ	0.54	1.36E-01	1.00E+00	0.36	2.45E-01	7.90E-01

WWTR1	0.14	6.33E-01	1.00E+00	-0.30	2.45E-01	7.90E-01
AL353625.1	0.72	2.29E-01	1.00E+00	1.17	2.45E-01	7.91E-01
MANCR	-0.15	9.28E-01	1.00E+00	0.93	2.45E-01	7.91E-01
ANK1	-1.30	5.01E-03	4.15E-01	0.94	2.45E-01	7.91E-01
YES1P1	-2.05	3.27E-01	1.00E+00	1.17	2.45E-01	7.91E-01
RPLP0	-0.20	5.69E-01	1.00E+00	0.34	2.45E-01	7.91E-01
KIAA0895	-0.42	3.45E-01	1.00E+00	-0.56	2.45E-01	7.91E-01
KLF16	-0.51	1.77E-01	1.00E+00	0.73	2.45E-01	7.91E-01
CCT3	-0.19	3.23E-01	1.00E+00	0.15	2.45E-01	7.91E-01
HRAT5	-1.54	1.56E-01	1.00E+00	-1.01	2.45E-01	7.91E-01
TNPO2	0.07	6.18E-01	1.00E+00	0.52	2.45E-01	7.91E-01
AC141557.1	-1.60	4.02E-02	1.00E+00	-0.54	2.45E-01	7.91E-01
MED21	0.25	3.03E-01	1.00E+00	-0.38	2.45E-01	7.91E-01
ATXN3	0.35	3.25E-01	1.00E+00	-0.29	2.45E-01	7.91E-01
PPP6R2	-0.23	1.52E-01	1.00E+00	0.35	2.46E-01	7.91E-01
NSD1	-0.18	4.47E-01	1.00E+00	0.49	2.46E-01	7.91E-01
AL049840.5	-1.03	7.15E-01	1.00E+00	-1.24	2.46E-01	7.91E-01
ZNF525	-0.22	5.80E-01	1.00E+00	-0.37	2.46E-01	7.91E-01
RNF224	0.15	9.01E-01	1.00E+00	1.20	2.46E-01	7.91E-01
RWDD4P2	0.02	9.61E-01	1.00E+00	-0.33	2.46E-01	7.91E-01
SHMT2	-0.20	1.97E-01	1.00E+00	0.26	2.46E-01	7.91E-01
NDUFC2	0.47	1.87E-01	1.00E+00	-0.53	2.46E-01	7.91E-01
AC091729.3	-0.17	7.56E-01	1.00E+00	-0.75	2.46E-01	7.91E-01
AC127164.1	0.33	8.86E-01	1.00E+00	1.37	2.46E-01	7.91E-01
PRKRA	-0.13	5.08E-01	1.00E+00	-0.46	2.46E-01	7.91E-01
NAT8L	2.12	7.64E-02	1.00E+00	0.99	2.46E-01	7.91E-01
FAM3A	0.02	9.44E-01	1.00E+00	0.30	2.46E-01	7.91E-01
AC092162.3	-0.08	9.38E-01	1.00E+00	-1.95	2.46E-01	7.91E-01
RAB8A	-0.01	9.56E-01	1.00E+00	0.32	2.46E-01	7.91E-01
AC245140.3	-2.40	2.83E-01	1.00E+00	-1.48	2.46E-01	7.91E-01
LOX	0.76	1.55E-01	1.00E+00	0.58	2.46E-01	7.91E-01
MEIS3P2	-0.96	1.10E-01	1.00E+00	1.19	2.46E-01	7.91E-01

TMPRSS6	0.35	4.42E-01	1.00E+00	-1.01	2.46E-01	7.91E-01
AC067817.2	0.63	6.16E-01	1.00E+00	1.16	2.46E-01	7.91E-01
TRMT44	-0.15	3.83E-01	1.00E+00	-0.56	2.46E-01	7.91E-01
AL031666.1	-0.92	4.96E-01	1.00E+00	-0.69	2.46E-01	7.92E-01
COX20	0.43	5.12E-01	1.00E+00	0.66	2.46E-01	7.92E-01
HAUS6	-0.15	5.64E-01	1.00E+00	-0.27	2.46E-01	7.92E-01
NFAT5	-0.19	4.12E-01	1.00E+00	-0.37	2.46E-01	7.92E-01
AL606760.1	0.10	9.39E-01	1.00E+00	0.79	2.46E-01	7.92E-01
CEP112	0.13	7.64E-01	1.00E+00	-0.45	2.46E-01	7.92E-01
MRPL53	1.00	2.99E-01	1.00E+00	0.81	2.46E-01	7.92E-01
PTPN13	0.08	8.40E-01	1.00E+00	-0.41	2.47E-01	7.92E-01
FGF14-AS2	-0.17	5.21E-01	1.00E+00	-0.52	2.47E-01	7.92E-01
TRBV3-1	-2.42	9.67E-02	1.00E+00	1.02	2.47E-01	7.92E-01
G43247	0.34	8.63E-01	1.00E+00	-0.78	2.47E-01	7.93E-01
LVRN	1.64	1.02E-02	6.27E-01	-0.92	2.47E-01	7.93E-01
LGALS12	4.12	3.05E-02	1.00E+00	-1.17	2.47E-01	7.93E-01
AL590006.1	0.56	8.71E-01	1.00E+00	1.15	2.47E-01	7.93E-01
CMC2	-0.06	8.16E-01	1.00E+00	-0.48	2.47E-01	7.93E-01
AC092134.1	2.17	6.61E-02	1.00E+00	-1.35	2.47E-01	7.93E-01
P3H2	0.60	4.64E-03	3.93E-01	0.52	2.47E-01	7.93E-01
CYP2B7P	0.84	5.20E-01	1.00E+00	-1.34	2.47E-01	7.93E-01
SUB1	0.16	5.66E-01	1.00E+00	-0.34	2.47E-01	7.93E-01
MS4A4E	-0.82	7.20E-01	1.00E+00	1.09	2.47E-01	7.93E-01
AC092139.3	-2.42	4.78E-01	1.00E+00	1.41	2.47E-01	7.93E-01
USPL1	-0.03	9.40E-01	1.00E+00	-0.38	2.47E-01	7.93E-01
AL391244.3	-0.39	5.74E-01	1.00E+00	1.10	2.47E-01	7.93E-01
AC090579.1	0.60	2.60E-01	1.00E+00	-0.63	2.47E-01	7.93E-01
OPN4	0.44	4.65E-01	1.00E+00	1.22	2.47E-01	7.93E-01
RBM17	0.06	7.29E-01	1.00E+00	-0.13	2.47E-01	7.93E-01
TMED1	-0.11	7.34E-01	1.00E+00	0.35	2.47E-01	7.93E-01
VRK1	-0.16	5.33E-01	1.00E+00	-0.39	2.47E-01	7.93E-01
MYH11	-0.21	7.60E-01	1.00E+00	-0.73	2.47E-01	7.93E-01

AC084262.1	0.64	7.51E-01	1.00E+00	-1.65	2.48E-01	7.93E-01
MOGAT2	-0.61	4.22E-01	1.00E+00	-0.95	2.48E-01	7.93E-01
FCN2	1.61	2.81E-01	1.00E+00	-2.05	2.48E-01	7.93E-01
LYSMD1	0.18	5.16E-01	1.00E+00	0.62	2.48E-01	7.93E-01
MLST8	-0.14	5.40E-01	1.00E+00	0.13	2.48E-01	7.93E-01
ZNF438	0.00	9.95E-01	1.00E+00	0.24	2.48E-01	7.93E-01
MRPL47	-0.24	2.75E-01	1.00E+00	-0.27	2.48E-01	7.93E-01
LINC00707	-2.55	2.20E-01	1.00E+00	1.43	2.48E-01	7.93E-01
TRIL	0.11	8.24E-01	1.00E+00	0.72	2.48E-01	7.93E-01
IL18BP	-0.54	1.93E-01	1.00E+00	0.70	2.48E-01	7.93E-01
AC046185.3	-1.03	6.80E-02	1.00E+00	1.08	2.48E-01	7.93E-01
MAD2L1BP	-0.01	9.77E-01	1.00E+00	0.20	2.48E-01	7.93E-01
MDGA1	-1.25	1.15E-01	1.00E+00	0.80	2.48E-01	7.93E-01
L3MBTL4-AS1	-1.19	3.60E-01	1.00E+00	1.02	2.48E-01	7.93E-01
IRF2BP2	-0.32	1.08E-01	1.00E+00	0.28	2.48E-01	7.93E-01
PER3	-0.79	2.62E-03	2.64E-01	-0.37	2.48E-01	7.93E-01
SLC2A13	-0.08	8.02E-01	1.00E+00	-0.64	2.48E-01	7.93E-01
PDCD10	0.11	6.60E-01	1.00E+00	-0.42	2.48E-01	7.93E-01
IMPG1	-0.82	6.54E-01	1.00E+00	-1.47	2.48E-01	7.93E-01
MAL	-0.44	2.64E-01	1.00E+00	-0.52	2.48E-01	7.93E-01
AC007406.5	0.43	2.71E-01	1.00E+00	-0.59	2.48E-01	7.93E-01
HIPK3	0.11	4.86E-01	1.00E+00	-0.26	2.48E-01	7.93E-01
RIBC2	-0.46	4.62E-01	1.00E+00	0.91	2.48E-01	7.93E-01
PTMAP4	-0.14	7.78E-01	1.00E+00	-0.43	2.48E-01	7.93E-01
CCDC183-AS1	-3.07	6.11E-03	4.63E-01	1.20	2.48E-01	7.93E-01
FAM174B	0.25	6.12E-01	1.00E+00	-0.56	2.48E-01	7.93E-01
GCOM1	0.32	6.01E-01	1.00E+00	0.38	2.48E-01	7.93E-01
N4BP2L1	0.18	3.92E-01	1.00E+00	-0.38	2.48E-01	7.93E-01
SLC15A2	0.53	4.91E-01	1.00E+00	0.92	2.49E-01	7.94E-01
DHCR7	-0.26	5.34E-01	1.00E+00	-0.38	2.49E-01	7.94E-01
NPIP4	0.72	2.19E-01	1.00E+00	0.58	2.49E-01	7.94E-01
AL122035.1	-0.02	9.75E-01	1.00E+00	-0.58	2.49E-01	7.94E-01

GPR146	-0.31	4.08E-01	1.00E+00	-0.58	2.49E-01	7.94E-01
MIRLET7BHG	0.57	3.29E-01	1.00E+00	0.54	2.49E-01	7.94E-01
XLOC_002951	-1.09	4.14E-01	1.00E+00	1.40	2.49E-01	7.94E-01
AC002467.1	-0.42	5.39E-01	1.00E+00	-0.43	2.49E-01	7.94E-01
ZNF37BP	-0.13	7.18E-01	1.00E+00	-0.53	2.49E-01	7.94E-01
AC009113.1	0.27	3.13E-01	1.00E+00	-0.45	2.49E-01	7.94E-01
COL18A1	-0.66	6.16E-02	1.00E+00	1.00	2.49E-01	7.94E-01
XLOC_003284	-1.13	5.17E-01	1.00E+00	-1.55	2.49E-01	7.94E-01
GTSE1-DT	-2.32	1.13E-02	6.59E-01	-1.14	2.49E-01	7.94E-01
ANKRD18EP	-0.13	6.57E-01	1.00E+00	0.51	2.49E-01	7.94E-01
MVP	-0.21	4.49E-01	1.00E+00	0.50	2.49E-01	7.94E-01
LINC02432	-3.55	3.23E-02	1.00E+00	-1.43	2.49E-01	7.95E-01
LEP	5.30	7.44E-03	5.24E-01	-1.16	2.49E-01	7.95E-01
MCRIP1	0.00	9.90E-01	1.00E+00	0.42	2.49E-01	7.95E-01
AC083862.2	1.50	5.65E-01	1.00E+00	1.38	2.49E-01	7.95E-01
MB	-0.16	8.44E-01	1.00E+00	-0.70	2.50E-01	7.95E-01
LAP3	0.04	8.97E-01	1.00E+00	0.45	2.50E-01	7.95E-01
ITGA7	0.89	2.04E-01	1.00E+00	0.90	2.50E-01	7.95E-01
HTR1B	-2.46	4.60E-02	1.00E+00	2.03	2.50E-01	7.95E-01
AC026470.2	-1.59	2.50E-01	1.00E+00	0.83	2.50E-01	7.95E-01
PDIA3P1	-0.47	1.47E-01	1.00E+00	-0.27	2.50E-01	7.95E-01
AC016949.1	-2.56	1.19E-01	1.00E+00	0.81	2.50E-01	7.95E-01
RBM18	0.11	6.09E-01	1.00E+00	-0.23	2.50E-01	7.95E-01
AC016705.2	-3.49	5.54E-03	4.41E-01	1.99	2.50E-01	7.95E-01
FBXO2	-0.16	6.22E-01	1.00E+00	-0.68	2.50E-01	7.95E-01
VPS37A	0.27	1.47E-01	1.00E+00	-0.24	2.50E-01	7.95E-01
RAD52	0.43	2.31E-01	1.00E+00	0.35	2.50E-01	7.95E-01
TGFBR1	0.36	2.62E-01	1.00E+00	0.35	2.50E-01	7.95E-01
AKAP1	-0.16	4.43E-01	1.00E+00	-0.42	2.50E-01	7.95E-01
RCE1	0.01	9.82E-01	1.00E+00	0.23	2.50E-01	7.95E-01
UCP2	0.24	5.74E-01	1.00E+00	0.53	2.50E-01	7.95E-01
ANKIB1	0.01	9.59E-01	1.00E+00	0.40	2.50E-01	7.95E-01

GABRE	1.68	2.37E-02	9.15E-01	-0.66	2.50E-01	7.95E-01
CUTALP	0.40	1.27E-01	1.00E+00	0.31	2.50E-01	7.95E-01
TRIB2	-0.03	9.34E-01	1.00E+00	0.47	2.50E-01	7.95E-01
PIGH	-0.04	8.70E-01	1.00E+00	-0.46	2.50E-01	7.95E-01
AL442125.1	-1.39	8.21E-02	1.00E+00	-1.27	2.50E-01	7.95E-01
MYC	-1.18	1.26E-01	1.00E+00	0.49	2.50E-01	7.95E-01
IGHG3	4.08	4.02E-02	1.00E+00	3.60	2.50E-01	7.95E-01
TRAV10	0.52	8.74E-01	1.00E+00	2.06	2.50E-01	7.95E-01
INCENP	-0.11	5.50E-01	1.00E+00	0.99	2.50E-01	7.95E-01
C15orf61	-0.17	6.09E-01	1.00E+00	-0.49	2.50E-01	7.95E-01
CRYBG3	0.08	8.03E-01	1.00E+00	-0.35	2.50E-01	7.95E-01
MGAT2	-0.20	8.50E-01	1.00E+00	0.60	2.51E-01	7.95E-01
GLRX3P2	NA	NA	NA	0.97	2.51E-01	7.95E-01
XLOC_012471	-0.24	9.45E-01	1.00E+00	-1.62	2.51E-01	7.95E-01
KIAA0930	-0.20	4.79E-01	1.00E+00	0.51	2.51E-01	7.95E-01
HOOK3	-0.10	5.57E-01	1.00E+00	-0.26	2.51E-01	7.95E-01
IL17RB	-0.30	5.52E-01	1.00E+00	-0.61	2.51E-01	7.95E-01
CMC1	0.04	8.72E-01	1.00E+00	-0.46	2.51E-01	7.95E-01
ZBTB8A	-0.13	7.31E-01	1.00E+00	0.47	2.51E-01	7.95E-01
AASDHPPT	0.12	6.08E-01	1.00E+00	-0.36	2.51E-01	7.95E-01
MCMDC2	-0.02	9.73E-01	1.00E+00	0.53	2.51E-01	7.95E-01
JKAMP	0.14	5.10E-01	1.00E+00	-0.48	2.51E-01	7.95E-01
DONSON	-0.63	9.07E-02	1.00E+00	0.49	2.51E-01	7.95E-01
GOLGA2P5	-0.78	2.84E-01	1.00E+00	1.18	2.51E-01	7.95E-01
G13213	-0.17	9.61E-01	1.00E+00	1.04	2.51E-01	7.95E-01
ZNF273	0.33	3.41E-01	1.00E+00	-0.41	2.51E-01	7.95E-01
SCNN1B	-0.24	4.13E-01	1.00E+00	-0.38	2.51E-01	7.95E-01
ADAM28	-0.48	3.31E-01	1.00E+00	0.70	2.51E-01	7.95E-01
FAM43B	-0.12	8.89E-01	1.00E+00	1.22	2.51E-01	7.95E-01
AC105020.1	-2.22	1.17E-01	1.00E+00	1.77	2.51E-01	7.95E-01
ASB12	-1.22	3.84E-01	1.00E+00	-1.21	2.51E-01	7.95E-01
PYGO1	0.74	1.72E-02	8.26E-01	0.52	2.51E-01	7.95E-01

ABRA	-15.88	3.35E-06	1.14E-03	-1.74	2.51E-01	7.95E-01
AL354836.1	-0.27	7.56E-01	1.00E+00	1.00	2.51E-01	7.95E-01
LAMA4	0.54	2.49E-01	1.00E+00	0.55	2.51E-01	7.95E-01
CAAP1	-0.03	8.99E-01	1.00E+00	-0.23	2.52E-01	7.95E-01
TRIM62	-0.56	2.04E-01	1.00E+00	0.53	2.52E-01	7.95E-01
AC005019.1	NA	NA	NA	-0.97	2.52E-01	7.95E-01
DZIP3	-0.06	8.32E-01	1.00E+00	-0.34	2.52E-01	7.95E-01
UBR7	0.10	5.81E-01	1.00E+00	-0.23	2.52E-01	7.95E-01
NKX2-8	0.06	9.58E-01	1.00E+00	-1.83	2.52E-01	7.95E-01
AC087752.4	-1.32	4.09E-01	1.00E+00	-1.28	2.52E-01	7.95E-01
AL163051.2	0.54	5.93E-01	1.00E+00	-0.92	2.52E-01	7.95E-01
RFFL	0.00	9.97E-01	1.00E+00	0.42	2.52E-01	7.95E-01
CRY2	-0.39	1.87E-01	1.00E+00	-0.37	2.52E-01	7.95E-01
FAM149B1	0.26	1.83E-01	1.00E+00	0.30	2.52E-01	7.95E-01
NBEAL2	-0.02	9.68E-01	1.00E+00	1.03	2.52E-01	7.95E-01
ELMSAN1	-0.37	1.66E-01	1.00E+00	0.30	2.52E-01	7.95E-01
RBL1	-0.23	4.25E-01	1.00E+00	-0.41	2.52E-01	7.95E-01
TOX	-0.32	4.51E-01	1.00E+00	0.54	2.52E-01	7.95E-01
NFKB2	-0.26	3.45E-01	1.00E+00	0.93	2.52E-01	7.95E-01
ZIC4	1.07	4.88E-01	1.00E+00	1.56	2.52E-01	7.95E-01
ING4	0.09	6.58E-01	1.00E+00	-0.20	2.52E-01	7.95E-01
ZCCHC10	0.07	8.22E-01	1.00E+00	-0.44	2.52E-01	7.95E-01
ZDHHC3	0.05	8.34E-01	1.00E+00	-0.37	2.52E-01	7.95E-01
EXT2	0.05	7.69E-01	1.00E+00	0.35	2.52E-01	7.96E-01
XLOC_006721	-0.68	1.43E-01	1.00E+00	-0.48	2.52E-01	7.96E-01
XLOC_009350	-0.74	2.81E-02	9.75E-01	-0.84	2.52E-01	7.96E-01
KIAA0319L	-0.01	9.55E-01	1.00E+00	0.34	2.52E-01	7.96E-01
ADNP	-0.06	7.84E-01	1.00E+00	0.28	2.52E-01	7.96E-01
FBXO40	0.31	7.74E-01	1.00E+00	-1.99	2.52E-01	7.96E-01
LINC01505	-1.09	4.79E-01	1.00E+00	1.56	2.52E-01	7.96E-01
G19167	-3.90	7.66E-02	1.00E+00	1.52	2.52E-01	7.96E-01
RXRG	-0.35	4.38E-01	1.00E+00	0.53	2.53E-01	7.96E-01

DLL1	-0.27	4.47E-01	1.00E+00	0.44	2.53E-01	7.96E-01
TAF7	0.13	4.42E-01	1.00E+00	-0.20	2.53E-01	7.96E-01
G4640	-1.67	2.95E-01	1.00E+00	1.35	2.53E-01	7.96E-01
REN	-0.74	8.31E-01	1.00E+00	3.00	2.53E-01	7.96E-01
CREG2	-4.79	3.13E-06	1.09E-03	1.37	2.53E-01	7.96E-01
ATXN10	0.17	2.13E-01	1.00E+00	-0.31	2.53E-01	7.96E-01
AGTR1	1.34	3.49E-02	1.00E+00	-0.79	2.53E-01	7.96E-01
AC103702.2	-3.18	3.47E-01	1.00E+00	1.36	2.53E-01	7.96E-01
RN7SK	0.18	6.00E-01	1.00E+00	-0.69	2.53E-01	7.96E-01
TMEM198	-0.87	5.10E-02	1.00E+00	0.65	2.53E-01	7.97E-01
LOXL1-AS1	-0.03	9.59E-01	1.00E+00	-0.36	2.53E-01	7.97E-01
RCN1P2	0.92	2.70E-01	1.00E+00	-0.60	2.53E-01	7.97E-01
FAM98A	-0.13	5.21E-01	1.00E+00	0.23	2.53E-01	7.97E-01
AC022706.1	0.54	4.84E-01	1.00E+00	0.56	2.53E-01	7.97E-01
CCDC124	-0.28	2.74E-01	1.00E+00	0.29	2.53E-01	7.97E-01
AC005005.4	-0.40	8.24E-01	1.00E+00	1.18	2.54E-01	7.97E-01
ZNF783	0.05	8.72E-01	1.00E+00	0.61	2.54E-01	7.97E-01
CDRT15P1	1.04	3.93E-01	1.00E+00	1.73	2.54E-01	7.97E-01
AL137002.2	-1.26	1.06E-01	1.00E+00	0.97	2.54E-01	7.97E-01
AL023581.2	3.06	1.10E-01	1.00E+00	-0.79	2.54E-01	7.97E-01
RPA3	0.39	6.69E-02	1.00E+00	-0.42	2.54E-01	7.98E-01
KSR2	0.21	8.77E-01	1.00E+00	-1.03	2.54E-01	7.98E-01
THEGL	-0.02	9.84E-01	1.00E+00	1.03	2.54E-01	7.98E-01
SCHIP1	0.17	8.89E-01	1.00E+00	-1.05	2.54E-01	7.98E-01
LYPLA1	0.03	9.43E-01	1.00E+00	-0.42	2.54E-01	7.98E-01
ZFP14	0.18	7.45E-01	1.00E+00	-0.38	2.54E-01	7.98E-01
LY6G5B	-0.53	7.22E-01	1.00E+00	1.40	2.54E-01	7.98E-01
XLOC_007800	0.78	4.27E-01	1.00E+00	-0.87	2.54E-01	7.98E-01
G38146	-0.15	9.13E-01	1.00E+00	1.32	2.54E-01	7.98E-01
AC015922.3	0.83	1.32E-01	1.00E+00	0.60	2.54E-01	7.98E-01
COX16	0.49	2.14E-01	1.00E+00	-0.53	2.54E-01	7.98E-01
GGPS1	-0.03	9.05E-01	1.00E+00	-0.47	2.54E-01	7.98E-01

PDGFRA	0.66	5.63E-02	1.00E+00	0.51	2.54E-01	7.98E-01
ZCCHC8	0.17	5.56E-01	1.00E+00	0.45	2.55E-01	7.98E-01
PLA2G15	0.07	7.93E-01	1.00E+00	0.33	2.55E-01	7.98E-01
DHPS	-0.29	8.73E-01	1.00E+00	0.83	2.55E-01	7.98E-01
TIMM8B	0.03	8.79E-01	1.00E+00	-0.45	2.55E-01	7.98E-01
AL133215.2	-1.21	1.64E-01	1.00E+00	-1.14	2.55E-01	7.98E-01
AC099343.2	-0.28	8.02E-01	1.00E+00	1.54	2.55E-01	7.98E-01
SNX6	0.14	5.31E-01	1.00E+00	-0.22	2.55E-01	7.98E-01
TUBB	-0.17	4.53E-01	1.00E+00	0.23	2.55E-01	7.98E-01
PPP6C	0.27	1.59E-01	1.00E+00	-0.18	2.55E-01	7.98E-01
CHCHD2P2	2.04	2.25E-01	1.00E+00	0.97	2.55E-01	7.99E-01
LINC01515	0.10	7.91E-01	1.00E+00	-0.63	2.55E-01	7.99E-01
RPS3AP5	0.07	9.18E-01	1.00E+00	-0.58	2.55E-01	7.99E-01
SOCS5	-0.04	8.54E-01	1.00E+00	0.30	2.55E-01	7.99E-01
XLOC_011119	1.54	6.44E-01	1.00E+00	1.58	2.55E-01	7.99E-01
PSPH	-0.03	9.44E-01	1.00E+00	0.29	2.55E-01	7.99E-01
TAOK1	-0.01	9.49E-01	1.00E+00	0.26	2.55E-01	7.99E-01
IREB2	0.15	4.44E-01	1.00E+00	0.26	2.55E-01	7.99E-01
TRAV2	-0.73	7.05E-01	1.00E+00	1.82	2.55E-01	7.99E-01
MST1L	-0.57	4.14E-01	1.00E+00	1.01	2.55E-01	7.99E-01
CALHM2	0.15	6.90E-01	1.00E+00	0.58	2.55E-01	7.99E-01
CNPY4	0.09	7.93E-01	1.00E+00	0.42	2.55E-01	7.99E-01
TTC14	0.17	6.03E-01	1.00E+00	-0.31	2.55E-01	7.99E-01
AC087645.2	-2.21	4.59E-02	1.00E+00	1.03	2.55E-01	7.99E-01
CPEB4	-0.04	8.77E-01	1.00E+00	0.27	2.55E-01	7.99E-01
AC019254.1	-2.71	4.25E-01	1.00E+00	1.10	2.55E-01	7.99E-01
G7779	-1.17	6.94E-01	1.00E+00	2.10	2.55E-01	7.99E-01
SEC14L1	0.22	5.51E-01	1.00E+00	0.62	2.56E-01	7.99E-01
TARBP2	-0.08	7.14E-01	1.00E+00	0.28	2.56E-01	7.99E-01
SCML2	0.11	7.60E-01	1.00E+00	-0.67	2.56E-01	7.99E-01
RNU6-531P	-0.72	5.97E-01	1.00E+00	1.19	2.56E-01	7.99E-01
NAT16	-1.66	4.94E-01	1.00E+00	2.15	2.56E-01	7.99E-01

LINC02005	-0.85	7.52E-01	1.00E+00	1.94	2.56E-01	7.99E-01
AC245140.2	-0.10	9.49E-01	1.00E+00	0.83	2.56E-01	7.99E-01
AC016405.1	-2.36	1.21E-01	1.00E+00	-0.96	2.56E-01	7.99E-01
AC002456.1	0.44	8.99E-01	1.00E+00	-1.32	2.56E-01	7.99E-01
G6968	0.35	9.15E-01	1.00E+00	-1.30	2.56E-01	7.99E-01
FLJ31104	-0.86	5.70E-01	1.00E+00	0.85	2.56E-01	7.99E-01
G35257	0.57	7.22E-01	1.00E+00	-1.07	2.56E-01	7.99E-01
VPS37C	-0.23	3.53E-01	1.00E+00	0.42	2.56E-01	7.99E-01
MRGPRF	-0.15	6.44E-01	1.00E+00	0.60	2.56E-01	7.99E-01
ANXA8	-0.20	5.70E-01	1.00E+00	-0.75	2.56E-01	7.99E-01
B4GALNT3	0.06	8.77E-01	1.00E+00	0.80	2.56E-01	7.99E-01
CLEC4C	-3.48	7.15E-02	1.00E+00	1.85	2.56E-01	7.99E-01
UBE3B	0.11	5.02E-01	1.00E+00	-0.22	2.56E-01	7.99E-01
LINC02595	-0.85	3.71E-01	1.00E+00	0.69	2.56E-01	7.99E-01
ETS1	0.11	7.38E-01	1.00E+00	0.88	2.56E-01	7.99E-01
NAT14	-0.38	2.12E-01	1.00E+00	0.95	2.56E-01	7.99E-01
ZNF717	0.41	1.26E-01	1.00E+00	-0.39	2.56E-01	7.99E-01
QPCTL	-0.46	2.03E-01	1.00E+00	0.51	2.56E-01	7.99E-01
BHMT2	0.70	1.97E-01	1.00E+00	-0.79	2.56E-01	7.99E-01
FRG2HP	0.27	5.70E-01	1.00E+00	-0.85	2.56E-01	7.99E-01
EIF5B	-0.03	8.88E-01	1.00E+00	0.33	2.56E-01	7.99E-01
ATP8A2	-1.35	3.27E-02	1.00E+00	0.68	2.57E-01	7.99E-01
CCRL2	0.71	4.54E-01	1.00E+00	0.70	2.57E-01	7.99E-01
INSIG2	0.45	1.66E-01	1.00E+00	-0.41	2.57E-01	7.99E-01
BOLA3-AS1	0.38	3.48E-01	1.00E+00	-0.52	2.57E-01	7.99E-01
RNU6-925P	-2.01	1.55E-01	1.00E+00	-1.10	2.57E-01	8.00E-01
MBD2	0.15	4.86E-01	1.00E+00	-0.58	2.57E-01	8.00E-01
AL031846.1	-2.86	4.02E-01	1.00E+00	2.06	2.57E-01	8.00E-01
EPS15L1	-0.21	3.65E-01	1.00E+00	0.28	2.57E-01	8.00E-01
ZDHC8	-0.20	4.39E-01	1.00E+00	0.63	2.57E-01	8.00E-01
EXOSC3	0.29	3.47E-01	1.00E+00	-0.36	2.57E-01	8.00E-01
DCLRE1B	-0.08	6.86E-01	1.00E+00	0.37	2.57E-01	8.00E-01

G31133	0.44	6.92E-01	1.00E+00	1.14	2.57E-01	8.00E-01
KCNK17	-0.76	7.81E-01	1.00E+00	1.91	2.57E-01	8.00E-01
NEFM	-3.62	3.72E-03	3.33E-01	1.14	2.57E-01	8.00E-01
C8orf44	0.13	8.17E-01	1.00E+00	-0.46	2.57E-01	8.00E-01
ZNF605	-0.04	9.08E-01	1.00E+00	0.35	2.57E-01	8.00E-01
SCARNA5	-0.67	8.47E-01	1.00E+00	-1.29	2.57E-01	8.00E-01
SIPA1L1	-0.37	1.01E-01	1.00E+00	0.35	2.57E-01	8.00E-01
SPIB	-2.78	3.35E-02	1.00E+00	1.78	2.57E-01	8.00E-01
G18713	-0.75	6.13E-01	1.00E+00	0.85	2.57E-01	8.00E-01
INA	-1.58	7.36E-03	5.21E-01	1.16	2.58E-01	8.00E-01
PEBP4	-0.08	9.13E-01	1.00E+00	-0.61	2.58E-01	8.00E-01
GK	-0.05	8.95E-01	1.00E+00	0.43	2.58E-01	8.00E-01
ODF3L1	0.28	5.89E-01	1.00E+00	-0.59	2.58E-01	8.00E-01
KLRG2	-0.51	8.36E-02	1.00E+00	-0.99	2.58E-01	8.00E-01
OVOL2	0.04	9.04E-01	1.00E+00	-0.76	2.58E-01	8.00E-01
LINC02044	0.79	6.27E-01	1.00E+00	-1.46	2.58E-01	8.00E-01
ZC2HC1A	0.02	9.53E-01	1.00E+00	-0.58	2.58E-01	8.00E-01
CR381670.1	1.16	3.79E-01	1.00E+00	-0.90	2.58E-01	8.00E-01
POLR2C	0.02	9.12E-01	1.00E+00	0.21	2.58E-01	8.00E-01
CDK10	-0.14	6.67E-01	1.00E+00	0.20	2.58E-01	8.00E-01
AC009118.3	-1.15	1.83E-01	1.00E+00	-0.82	2.58E-01	8.00E-01
RRAS2	0.40	1.84E-01	1.00E+00	-0.61	2.58E-01	8.00E-01
P2RX6	2.59	4.82E-02	1.00E+00	-1.29	2.58E-01	8.00E-01
OGG1	-0.27	2.73E-01	1.00E+00	-0.21	2.58E-01	8.00E-01
AL121820.1	1.10	1.22E-01	1.00E+00	1.25	2.58E-01	8.00E-01
RNFT1	0.36	2.14E-01	1.00E+00	-0.47	2.58E-01	8.00E-01
AC025048.2	0.39	6.21E-01	1.00E+00	0.99	2.58E-01	8.00E-01
CUEDC1	-0.07	8.51E-01	1.00E+00	0.90	2.58E-01	8.00E-01
CHCHD3	0.06	7.78E-01	1.00E+00	-0.23	2.58E-01	8.00E-01
BLOC1S3	-0.15	6.22E-01	1.00E+00	0.25	2.58E-01	8.00E-01
AC092802.1	-0.66	2.98E-01	1.00E+00	-0.70	2.58E-01	8.00E-01
EOMES	-2.42	8.13E-02	1.00E+00	1.52	2.58E-01	8.00E-01

XLOC_010453	0.57	7.71E-01	1.00E+00	2.45	2.58E-01	8.00E-01
WDR74	-0.20	4.08E-01	1.00E+00	0.29	2.58E-01	8.00E-01
LINC01336	-1.58	1.60E-01	1.00E+00	1.01	2.58E-01	8.00E-01
AP001056.1	-1.52	3.57E-01	1.00E+00	1.36	2.58E-01	8.00E-01
CRHR2	0.58	1.99E-01	1.00E+00	0.85	2.58E-01	8.00E-01
LINC01835	0.62	4.77E-01	1.00E+00	0.89	2.58E-01	8.00E-01
SNX11	0.20	3.43E-01	1.00E+00	0.26	2.58E-01	8.00E-01
CD247	0.03	9.72E-01	1.00E+00	1.01	2.58E-01	8.00E-01
GPR25	0.89	7.96E-01	1.00E+00	2.39	2.58E-01	8.00E-01
ESS2	-0.14	5.63E-01	1.00E+00	0.30	2.58E-01	8.00E-01
KIF7	0.18	6.10E-01	1.00E+00	1.04	2.58E-01	8.00E-01
DSG2	0.18	7.46E-01	1.00E+00	-0.38	2.58E-01	8.00E-01
IFT27	0.07	7.28E-01	1.00E+00	0.29	2.58E-01	8.00E-01
AL450322.1	0.65	3.81E-01	1.00E+00	-0.91	2.59E-01	8.00E-01
AC104590.1	-1.52	6.24E-01	1.00E+00	1.89	2.59E-01	8.00E-01
REV3L	0.25	3.54E-01	1.00E+00	0.31	2.59E-01	8.00E-01
ICOSLG	-0.37	3.19E-01	1.00E+00	0.77	2.59E-01	8.00E-01
ABHD1	-0.09	8.99E-01	1.00E+00	-0.99	2.59E-01	8.00E-01
NUTM2G	-0.95	3.12E-01	1.00E+00	1.06	2.59E-01	8.00E-01
MTERF1	0.11	7.17E-01	1.00E+00	-0.49	2.59E-01	8.00E-01
TEAD2	0.24	6.26E-01	1.00E+00	0.68	2.59E-01	8.00E-01
AC007557.3	-0.56	8.73E-01	1.00E+00	-0.94	2.59E-01	8.00E-01
ADAMTS9	-0.12	7.80E-01	1.00E+00	0.83	2.59E-01	8.00E-01
AL354696.2	-0.76	3.92E-01	1.00E+00	-0.52	2.59E-01	8.00E-01
AC068790.5	1.12	7.47E-01	1.00E+00	1.42	2.59E-01	8.00E-01
AC116667.1	-0.40	7.03E-01	1.00E+00	1.33	2.59E-01	8.00E-01
AC084759.3	-0.17	8.02E-01	1.00E+00	-1.32	2.59E-01	8.00E-01
BRWD1	0.07	7.60E-01	1.00E+00	-0.20	2.59E-01	8.00E-01
RPL7AP28	-0.30	7.64E-01	1.00E+00	-0.87	2.59E-01	8.00E-01
ARPC4	0.02	9.20E-01	1.00E+00	0.17	2.59E-01	8.00E-01
ABHD14B	0.16	6.29E-01	1.00E+00	-0.31	2.59E-01	8.00E-01
TP73	-0.70	1.07E-01	1.00E+00	-0.79	2.59E-01	8.00E-01

TSEN2	0.04	8.49E-01	1.00E+00	-0.25	2.59E-01	8.00E-01
FUS	-0.20	3.21E-01	1.00E+00	0.30	2.59E-01	8.00E-01
AC093635.1	-2.72	6.39E-02	1.00E+00	-0.94	2.59E-01	8.00E-01
MEGF6	-0.15	6.47E-01	1.00E+00	0.76	2.59E-01	8.00E-01
LINC00243	-0.13	9.16E-01	1.00E+00	-1.00	2.59E-01	8.00E-01
SNHG7	0.53	1.91E-01	1.00E+00	0.68	2.59E-01	8.00E-01
MICAL2	-0.61	1.25E-01	1.00E+00	0.50	2.59E-01	8.00E-01
ITGA9-AS1	-0.03	9.34E-01	1.00E+00	-0.41	2.60E-01	8.00E-01
KANK1	-0.01	9.83E-01	1.00E+00	-0.28	2.60E-01	8.00E-01
GAA	-0.49	4.26E-02	1.00E+00	0.65	2.60E-01	8.00E-01
NFKBIL1	0.07	7.75E-01	1.00E+00	0.48	2.60E-01	8.00E-01
HBM	0.56	8.71E-01	1.00E+00	1.61	2.60E-01	8.00E-01
FAM120C	-0.34	1.56E-01	1.00E+00	0.38	2.60E-01	8.00E-01
AC108693.2	-0.29	9.32E-01	1.00E+00	0.89	2.60E-01	8.00E-01
POMT2	0.39	2.75E-01	1.00E+00	0.66	2.60E-01	8.00E-01
SEC11C	-0.02	9.27E-01	1.00E+00	-0.35	2.60E-01	8.00E-01
TUBB8P7	0.14	8.87E-01	1.00E+00	0.97	2.60E-01	8.00E-01
PAM	0.82	5.94E-02	1.00E+00	0.45	2.60E-01	8.00E-01
AC003072.1	0.38	5.10E-01	1.00E+00	0.88	2.60E-01	8.00E-01
ZC3H14	-0.17	3.77E-01	1.00E+00	-0.24	2.60E-01	8.00E-01
GPR39	-0.04	9.53E-01	1.00E+00	0.73	2.60E-01	8.00E-01
CSNK2B	-0.05	9.14E-01	1.00E+00	-0.75	2.60E-01	8.00E-01
AP2B1	-0.02	9.37E-01	1.00E+00	0.41	2.60E-01	8.00E-01
PRPF4B	0.08	7.55E-01	1.00E+00	0.24	2.60E-01	8.00E-01
FAM133A	-0.82	5.16E-01	1.00E+00	-1.14	2.60E-01	8.00E-01
AL160272.1	3.19	5.14E-02	1.00E+00	1.66	2.60E-01	8.00E-01
AC017002.1	0.81	8.13E-01	1.00E+00	1.50	2.60E-01	8.00E-01
CDC37	-0.11	5.15E-01	1.00E+00	0.33	2.60E-01	8.00E-01
PAAF1	0.32	4.69E-02	1.00E+00	-0.32	2.60E-01	8.00E-01
ACBD6	-0.14	5.63E-01	1.00E+00	0.15	2.60E-01	8.00E-01
MAP7D1	-0.08	7.62E-01	1.00E+00	0.81	2.60E-01	8.00E-01
CCDC9	-0.11	7.03E-01	1.00E+00	0.74	2.61E-01	8.00E-01

PACSIN2	0.26	1.67E-01	1.00E+00	0.22	2.61E-01	8.00E-01
XLOC_003741	-2.60	1.42E-01	1.00E+00	-1.48	2.61E-01	8.00E-01
Z82217.1	0.01	9.96E-01	1.00E+00	1.11	2.61E-01	8.00E-01
ARG2	0.03	9.30E-01	1.00E+00	0.56	2.61E-01	8.00E-01
SOD1	0.19	3.09E-01	1.00E+00	-0.23	2.61E-01	8.00E-01
CCNO	-1.16	2.75E-03	2.72E-01	-0.62	2.61E-01	8.00E-01
SF3B6	-0.04	8.56E-01	1.00E+00	-0.37	2.61E-01	8.00E-01
CRBN	0.34	7.79E-02	1.00E+00	-0.42	2.61E-01	8.00E-01
BTBD18	0.74	7.00E-01	1.00E+00	-1.55	2.61E-01	8.00E-01
AL078581.1	-0.43	7.23E-01	1.00E+00	0.91	2.61E-01	8.00E-01
THAP2	0.06	8.91E-01	1.00E+00	0.37	2.61E-01	8.00E-01
FLNB-AS1	-2.95	1.32E-01	1.00E+00	1.47	2.61E-01	8.00E-01
ZNF215	1.23	9.22E-02	1.00E+00	0.89	2.61E-01	8.00E-01
ATP5MPL	0.23	2.35E-01	1.00E+00	-0.49	2.61E-01	8.00E-01
ZNF518A	-0.08	7.97E-01	1.00E+00	-0.25	2.61E-01	8.00E-01
DPH3	0.10	6.94E-01	1.00E+00	-0.32	2.61E-01	8.00E-01
GPRC5C	-0.29	3.84E-01	1.00E+00	-0.44	2.61E-01	8.00E-01
PRDM8	0.87	8.85E-02	1.00E+00	0.90	2.61E-01	8.00E-01
XLOC_002995	-1.64	4.04E-01	1.00E+00	-1.33	2.61E-01	8.00E-01
AC114956.2	-2.40	5.15E-03	4.18E-01	-1.01	2.61E-01	8.00E-01
ITIH1	-2.65	1.10E-01	1.00E+00	1.36	2.61E-01	8.00E-01
ZNF358	0.20	5.91E-01	1.00E+00	0.49	2.61E-01	8.00E-01
SOGA1	-0.36	1.43E-01	1.00E+00	0.67	2.61E-01	8.00E-01
NMBR	0.01	9.95E-01	1.00E+00	1.48	2.61E-01	8.00E-01
XLOC_013994	0.13	6.72E-01	1.00E+00	-0.60	2.61E-01	8.00E-01
ZBTB11	-0.05	8.61E-01	1.00E+00	-0.26	2.61E-01	8.00E-01
CTDSP2	0.20	2.81E-01	1.00E+00	0.43	2.61E-01	8.00E-01
NDUFV3	-0.19	5.06E-01	1.00E+00	-0.16	2.61E-01	8.00E-01
HIGD2A	-0.03	8.99E-01	1.00E+00	-0.47	2.61E-01	8.00E-01
CLPTM1	-0.18	3.93E-01	1.00E+00	0.40	2.61E-01	8.00E-01
CABP4	-0.06	9.43E-01	1.00E+00	0.81	2.61E-01	8.00E-01
KCTD7	0.41	4.98E-01	1.00E+00	0.53	2.61E-01	8.00E-01

RP11-391M20.1	0.25	4.56E-01	1.00E+00	-0.36	2.62E-01	8.00E-01
TSPAN7	0.05	9.15E-01	1.00E+00	-0.58	2.62E-01	8.00E-01
Z99129.4	0.30	4.03E-01	1.00E+00	-0.43	2.62E-01	8.00E-01
H3F3A	0.00	9.86E-01	1.00E+00	-0.27	2.62E-01	8.00E-01
MBOAT4	-0.19	9.30E-01	1.00E+00	0.77	2.62E-01	8.00E-01
NT5C2	-0.18	3.50E-01	1.00E+00	0.39	2.62E-01	8.00E-01
IGHG1	4.23	8.61E-11	5.11E-08	3.51	2.62E-01	8.00E-01
AL353764.1	0.32	8.74E-01	1.00E+00	1.34	2.62E-01	8.00E-01
RAB36	-0.01	9.73E-01	1.00E+00	0.58	2.62E-01	8.00E-01
HOXA9	-0.56	1.45E-01	1.00E+00	-0.59	2.62E-01	8.00E-01
DENND5B-AS1	-2.74	2.58E-01	1.00E+00	-0.64	2.62E-01	8.00E-01
PSMC1	-0.06	7.83E-01	1.00E+00	0.18	2.62E-01	8.00E-01
PTPRU	0.16	6.28E-01	1.00E+00	0.56	2.62E-01	8.00E-01
SLC25A42	0.10	7.71E-01	1.00E+00	-0.52	2.62E-01	8.00E-01
UBE2Q2P2	0.97	2.85E-01	1.00E+00	-0.81	2.62E-01	8.00E-01
AC092053.3	-0.94	1.24E-01	1.00E+00	-0.63	2.62E-01	8.00E-01
DCDC2	0.99	2.79E-01	1.00E+00	1.17	2.62E-01	8.00E-01
TIMM21	0.39	1.86E-01	1.00E+00	-0.38	2.62E-01	8.00E-01
KIF26A	-0.05	8.92E-01	1.00E+00	0.86	2.62E-01	8.00E-01
IGKV1-12	1.38	6.83E-01	1.00E+00	3.54	2.62E-01	8.00E-01
CASQ2	-0.55	3.64E-01	1.00E+00	-0.72	2.62E-01	8.00E-01
PRR14	-0.26	3.01E-01	1.00E+00	0.37	2.62E-01	8.00E-01
USP16	0.00	9.81E-01	1.00E+00	-0.15	2.62E-01	8.00E-01
LINC02014	-1.91	4.40E-01	1.00E+00	-1.43	2.62E-01	8.00E-01
OLA1P1	-1.04	5.58E-01	1.00E+00	-0.55	2.62E-01	8.00E-01
CALR	-0.27	2.08E-01	1.00E+00	0.66	2.62E-01	8.00E-01
GSEC	-0.41	4.76E-01	1.00E+00	0.67	2.62E-01	8.00E-01
FBXO21	0.02	9.12E-01	1.00E+00	-0.29	2.62E-01	8.00E-01
ZSCAN20	0.45	3.00E-01	1.00E+00	0.64	2.62E-01	8.00E-01
ACBD5	0.06	8.45E-01	1.00E+00	-0.19	2.62E-01	8.00E-01
G3769	-2.83	1.49E-01	1.00E+00	-1.42	2.62E-01	8.00E-01
AL049840.1	0.76	3.80E-01	1.00E+00	0.78	2.62E-01	8.00E-01

CMSS1	-0.33	6.03E-02	1.00E+00	-0.28	2.62E-01	8.00E-01
VPS18	-0.06	8.05E-01	1.00E+00	0.54	2.62E-01	8.00E-01
AVPI1	-0.59	1.32E-01	1.00E+00	0.30	2.62E-01	8.00E-01
AC128688.1	-0.79	4.94E-01	1.00E+00	-0.96	2.62E-01	8.00E-01
DRG1	0.08	6.35E-01	1.00E+00	-0.26	2.62E-01	8.00E-01
HOXC-AS3	-0.81	4.49E-01	1.00E+00	-0.53	2.63E-01	8.00E-01
BCL2L10	0.14	7.56E-01	1.00E+00	-0.60	2.63E-01	8.00E-01
AGFG1	0.19	3.82E-01	1.00E+00	-0.51	2.63E-01	8.01E-01
OTOA	1.27	3.42E-01	1.00E+00	1.13	2.63E-01	8.01E-01
ATP6AP2	0.08	6.85E-01	1.00E+00	-0.30	2.63E-01	8.01E-01
MCM5	-0.68	3.54E-03	3.20E-01	0.25	2.63E-01	8.01E-01
ZNF207	-0.24	2.17E-01	1.00E+00	0.18	2.63E-01	8.01E-01
AL162742.1	-1.93	3.85E-02	1.00E+00	-1.12	2.63E-01	8.01E-01
AC010325.1	0.24	8.31E-01	1.00E+00	-0.88	2.63E-01	8.01E-01
NMB	1.72	4.26E-02	1.00E+00	-0.60	2.63E-01	8.01E-01
ECD	0.05	7.70E-01	1.00E+00	-0.24	2.63E-01	8.01E-01
CLEC3B	0.90	4.67E-02	1.00E+00	-0.74	2.63E-01	8.01E-01
AC087521.2	1.11	6.41E-01	1.00E+00	1.22	2.63E-01	8.01E-01
RASA4CP	0.26	4.06E-01	1.00E+00	0.39	2.63E-01	8.01E-01
MYBPC3	0.75	6.70E-01	1.00E+00	2.07	2.63E-01	8.01E-01
LINC01671	0.62	4.58E-01	1.00E+00	1.11	2.63E-01	8.01E-01
DUXAP9	-1.19	6.12E-01	1.00E+00	0.99	2.63E-01	8.01E-01
LINC01013	-0.82	4.02E-01	1.00E+00	0.94	2.63E-01	8.01E-01
GREB1	-0.01	9.91E-01	1.00E+00	0.62	2.63E-01	8.01E-01
AC092720.1	0.26	7.66E-01	1.00E+00	1.29	2.63E-01	8.01E-01
LETMD1	0.12	6.99E-01	1.00E+00	-0.29	2.63E-01	8.01E-01
STXBP5	0.01	9.80E-01	1.00E+00	-0.41	2.63E-01	8.01E-01
ATXN2	-0.02	9.39E-01	1.00E+00	-0.24	2.63E-01	8.01E-01
SPATA20P1	NA	NA	NA	1.98	2.63E-01	8.01E-01
PACSIN3	-0.20	4.67E-01	1.00E+00	-0.41	2.63E-01	8.01E-01
SUMO2	0.12	4.43E-01	1.00E+00	-0.27	2.63E-01	8.01E-01
GTF2H1	0.02	9.36E-01	1.00E+00	-0.23	2.63E-01	8.01E-01

SLC35A5	0.20	5.97E-01	1.00E+00	-0.33	2.64E-01	8.01E-01
TRAPPC4	0.08	7.15E-01	1.00E+00	-0.38	2.64E-01	8.01E-01
C6orf203	0.27	3.49E-01	1.00E+00	-0.35	2.64E-01	8.01E-01
SH3TC2	-0.26	6.22E-01	1.00E+00	0.70	2.64E-01	8.01E-01
KCNMA1	-0.36	5.20E-01	1.00E+00	0.71	2.64E-01	8.01E-01
AL137793.1	-0.29	8.35E-01	1.00E+00	-1.32	2.64E-01	8.01E-01
INPP5K	-0.09	5.60E-01	1.00E+00	-0.17	2.64E-01	8.01E-01
COL7A1	-0.80	4.38E-02	1.00E+00	0.88	2.64E-01	8.01E-01
HOXD9	0.21	5.29E-01	1.00E+00	0.54	2.64E-01	8.01E-01
NPTX2	0.08	8.77E-01	1.00E+00	1.06	2.64E-01	8.01E-01
AC091074.1	-1.50	4.27E-01	1.00E+00	-2.06	2.64E-01	8.01E-01
ALKBH8	0.26	2.15E-01	1.00E+00	0.26	2.64E-01	8.01E-01
CBLN3	0.22	5.54E-01	1.00E+00	0.89	2.64E-01	8.01E-01
STIM1	0.14	3.64E-01	1.00E+00	0.38	2.64E-01	8.01E-01
AC009302.1	-1.86	2.69E-01	1.00E+00	-0.73	2.64E-01	8.01E-01
VAMP5	-0.08	8.05E-01	1.00E+00	0.44	2.64E-01	8.01E-01
G36217	-1.55	4.25E-01	1.00E+00	-1.55	2.64E-01	8.01E-01
C1orf216	-0.12	7.04E-01	1.00E+00	0.45	2.64E-01	8.01E-01
ATP1B2	-0.33	5.87E-01	1.00E+00	0.51	2.64E-01	8.01E-01
XLOC_001716	1.35	4.87E-01	1.00E+00	-1.82	2.64E-01	8.01E-01
CAMK2N2	-2.40	2.22E-02	8.97E-01	2.11	2.64E-01	8.01E-01
LINC00636	0.21	9.02E-01	1.00E+00	1.26	2.64E-01	8.01E-01
RPL7A	-0.22	4.93E-01	1.00E+00	0.46	2.64E-01	8.01E-01
APOBEC3A	-1.09	3.46E-01	1.00E+00	3.49	2.64E-01	8.01E-01
ENPP5	0.19	6.97E-01	1.00E+00	-0.77	2.64E-01	8.01E-01
RALGAPA1	-0.23	3.73E-01	1.00E+00	-0.37	2.64E-01	8.01E-01
XLOC_009447	-0.96	6.89E-02	1.00E+00	-0.74	2.64E-01	8.01E-01
ZNRF1	-0.31	3.27E-01	1.00E+00	-0.51	2.64E-01	8.01E-01
PAICSP1	-2.09	3.08E-01	1.00E+00	0.93	2.64E-01	8.01E-01
PRKAA2	0.24	7.11E-01	1.00E+00	-0.58	2.64E-01	8.01E-01
NDUFB6	-0.10	5.18E-01	1.00E+00	-0.47	2.64E-01	8.01E-01
AC083899.1	0.41	5.42E-01	1.00E+00	0.36	2.65E-01	8.01E-01

HLA-DQB1-AS1	1.30	4.77E-01	1.00E+00	1.18	2.65E-01	8.01E-01
RPL18A	-0.30	2.79E-01	1.00E+00	0.39	2.65E-01	8.01E-01
AL691447.2	0.64	5.15E-01	1.00E+00	1.36	2.65E-01	8.01E-01
AGTPBP1	-0.20	3.83E-01	1.00E+00	-0.49	2.65E-01	8.01E-01
DGKD	0.39	4.16E-01	1.00E+00	0.71	2.65E-01	8.01E-01
MYEF2	0.67	3.44E-01	1.00E+00	0.39	2.65E-01	8.01E-01
POLR3K	-0.06	8.62E-01	1.00E+00	-0.39	2.65E-01	8.01E-01
TMEM8B	0.15	7.19E-01	1.00E+00	-0.52	2.65E-01	8.01E-01
NUDT7	0.12	8.38E-01	1.00E+00	-0.58	2.65E-01	8.01E-01
PPP2R3A	-0.32	3.70E-01	1.00E+00	-0.35	2.65E-01	8.01E-01
XLOC_001374	-3.31	7.36E-02	1.00E+00	-0.86	2.65E-01	8.01E-01
ATP13A3	0.78	5.57E-02	1.00E+00	0.43	2.65E-01	8.01E-01
NEK5	0.86	2.97E-01	1.00E+00	0.64	2.65E-01	8.02E-01
ANXA2R	0.11	8.21E-01	1.00E+00	0.62	2.65E-01	8.02E-01
URM1	-0.26	1.41E-01	1.00E+00	0.21	2.65E-01	8.02E-01
GABPA	0.05	8.55E-01	1.00E+00	-0.27	2.66E-01	8.02E-01
UPK3A	-0.76	7.73E-01	1.00E+00	1.35	2.66E-01	8.02E-01
ARID5A	-0.25	4.28E-01	1.00E+00	0.66	2.66E-01	8.02E-01
AC131206.1	0.05	9.37E-01	1.00E+00	0.51	2.66E-01	8.02E-01
PKP4	0.00	9.95E-01	1.00E+00	0.37	2.66E-01	8.02E-01
PARL	0.24	6.30E-01	1.00E+00	-0.45	2.66E-01	8.02E-01
LINC01762	-2.64	2.71E-02	9.60E-01	-1.08	2.66E-01	8.02E-01
AC104162.2	-1.67	1.42E-01	1.00E+00	-0.65	2.66E-01	8.02E-01
MIR133A1HG	-2.86	1.33E-01	1.00E+00	-1.22	2.66E-01	8.03E-01
COX19	0.13	5.43E-01	1.00E+00	0.25	2.66E-01	8.03E-01
CCR5	0.16	8.16E-01	1.00E+00	3.48	2.66E-01	8.03E-01
MYRIP	-0.14	7.86E-01	1.00E+00	-0.87	2.66E-01	8.03E-01
AL133520.1	1.02	5.64E-02	1.00E+00	0.93	2.66E-01	8.03E-01
AL445487.1	-1.36	6.93E-01	1.00E+00	1.69	2.66E-01	8.03E-01
SLC12A9	-0.45	6.13E-02	1.00E+00	0.81	2.66E-01	8.03E-01
UTP14A	-0.10	5.98E-01	1.00E+00	0.34	2.66E-01	8.03E-01
NPM1P37	1.27	7.13E-01	1.00E+00	-1.40	2.66E-01	8.03E-01

SLC4A7	0.34	3.73E-01	1.00E+00	0.47	2.66E-01	8.03E-01
TNFSF18	-1.40	2.85E-01	1.00E+00	1.42	2.66E-01	8.03E-01
G6485	0.11	8.60E-01	1.00E+00	1.17	2.66E-01	8.03E-01
ATP1B3-AS1	-2.77	4.14E-01	1.00E+00	1.99	2.66E-01	8.03E-01
PRR15L	0.16	8.05E-01	1.00E+00	-0.78	2.66E-01	8.03E-01
HERC2P9	0.19	7.79E-01	1.00E+00	0.62	2.66E-01	8.03E-01
CREG1	-0.04	9.06E-01	1.00E+00	-0.40	2.66E-01	8.03E-01
FST	0.99	4.03E-02	1.00E+00	0.57	2.67E-01	8.03E-01
LARS	-0.28	8.99E-02	1.00E+00	-0.15	2.67E-01	8.03E-01
LINC02182	-2.46	2.56E-01	1.00E+00	0.99	2.67E-01	8.03E-01
FXR1	-0.04	7.96E-01	1.00E+00	0.21	2.67E-01	8.03E-01
FGFR1OP2	0.02	9.32E-01	1.00E+00	-0.23	2.67E-01	8.03E-01
PGP	-0.60	3.95E-02	1.00E+00	-0.78	2.67E-01	8.03E-01
MEGF10	0.25	7.83E-01	1.00E+00	-1.09	2.67E-01	8.03E-01
RPS4XP14	0.56	8.71E-01	1.00E+00	-1.07	2.67E-01	8.03E-01
AC090409.1	1.12	1.49E-01	1.00E+00	-0.71	2.67E-01	8.03E-01
PUS7	-0.53	4.67E-02	1.00E+00	-0.25	2.67E-01	8.03E-01
TMEM45B	0.05	8.92E-01	1.00E+00	0.55	2.67E-01	8.03E-01
POLR3A	0.07	7.70E-01	1.00E+00	0.33	2.67E-01	8.03E-01
AC073072.2	0.88	7.98E-01	1.00E+00	-0.81	2.67E-01	8.03E-01
COG6	0.08	7.35E-01	1.00E+00	-0.25	2.67E-01	8.03E-01
TEX261	0.20	4.11E-01	1.00E+00	-0.44	2.67E-01	8.03E-01
TRMT2B	0.20	2.78E-01	1.00E+00	-0.24	2.67E-01	8.03E-01
HMGB1P5	0.38	8.33E-02	1.00E+00	-0.27	2.67E-01	8.03E-01
DNMT1	-0.38	7.88E-02	1.00E+00	0.39	2.67E-01	8.03E-01
MKLN1	0.24	3.59E-01	1.00E+00	-0.23	2.67E-01	8.03E-01
SNX18P3	-0.07	9.26E-01	1.00E+00	-1.39	2.67E-01	8.03E-01
PIH1D1	0.12	4.67E-01	1.00E+00	0.19	2.67E-01	8.03E-01
DOCK3	-0.68	2.62E-01	1.00E+00	-0.79	2.67E-01	8.03E-01
STPG1	0.01	9.71E-01	1.00E+00	-0.23	2.67E-01	8.03E-01
THYN1	0.14	5.83E-01	1.00E+00	-0.38	2.67E-01	8.03E-01
CUL3	0.23	4.00E-01	1.00E+00	-0.48	2.67E-01	8.03E-01

MRS2	0.23	3.69E-01	1.00E+00	-0.28	2.68E-01	8.03E-01
AP001057.1	-0.26	9.17E-01	1.00E+00	1.48	2.68E-01	8.03E-01
ST6GALNAC4	-0.28	4.10E-01	1.00E+00	0.44	2.68E-01	8.03E-01
BET1L	-0.16	5.12E-01	1.00E+00	0.25	2.68E-01	8.03E-01
AP001330.1	-0.30	7.54E-01	1.00E+00	-0.93	2.68E-01	8.03E-01
RNF216	-0.22	2.49E-01	1.00E+00	0.30	2.68E-01	8.03E-01
CDHR3	0.33	5.02E-01	1.00E+00	-0.74	2.68E-01	8.03E-01
NFIA-AS2	-2.38	1.20E-01	1.00E+00	1.01	2.68E-01	8.03E-01
SEZ6L	-2.11	5.11E-01	1.00E+00	-0.98	2.68E-01	8.03E-01
GPX8	0.22	5.76E-01	1.00E+00	0.41	2.68E-01	8.03E-01
G41319	-0.06	9.49E-01	1.00E+00	0.77	2.68E-01	8.03E-01
DNAJA3	0.04	8.30E-01	1.00E+00	-0.25	2.68E-01	8.03E-01
MRPL22	0.07	6.68E-01	1.00E+00	-0.39	2.68E-01	8.03E-01
AC103760.1	1.12	1.41E-01	1.00E+00	-0.82	2.68E-01	8.03E-01
RPL10P11	-0.81	5.82E-01	1.00E+00	-1.57	2.68E-01	8.03E-01
AC009570.1	-2.99	8.19E-02	1.00E+00	-1.26	2.68E-01	8.03E-01
SPIN3	0.17	7.00E-01	1.00E+00	0.62	2.68E-01	8.03E-01
AF131215.7	0.04	9.57E-01	1.00E+00	-1.04	2.68E-01	8.03E-01
PTPRD-AS1	-2.69	7.72E-02	1.00E+00	-1.39	2.68E-01	8.03E-01
PROKR1	4.97	4.86E-02	1.00E+00	1.79	2.68E-01	8.03E-01
SLC3A1	1.05	7.57E-01	1.00E+00	-1.08	2.68E-01	8.03E-01
PHF19	0.26	2.75E-01	1.00E+00	0.48	2.68E-01	8.03E-01
SUCLG2	-0.03	8.66E-01	1.00E+00	-0.21	2.68E-01	8.03E-01
TH	0.41	7.63E-01	1.00E+00	1.72	2.68E-01	8.03E-01
AC023983.1	3.27	3.32E-01	1.00E+00	-0.82	2.68E-01	8.03E-01
SSPO	-0.15	8.80E-01	1.00E+00	1.27	2.68E-01	8.03E-01
CCND2-AS1	1.23	3.30E-01	1.00E+00	0.85	2.68E-01	8.04E-01
KIAA1841	-0.19	5.72E-01	1.00E+00	-0.43	2.69E-01	8.04E-01
OXA1L	-0.19	3.77E-01	1.00E+00	0.23	2.69E-01	8.04E-01
ARHGAP35	-0.20	3.78E-01	1.00E+00	0.52	2.69E-01	8.04E-01
OSGEPL1	0.10	7.40E-01	1.00E+00	-0.44	2.69E-01	8.04E-01
MARK4	-0.67	2.49E-02	9.28E-01	0.74	2.69E-01	8.04E-01

LINC00518	-0.30	8.13E-01	1.00E+00	1.13	2.69E-01	8.04E-01
ST13P4	-0.33	7.00E-01	1.00E+00	-0.46	2.69E-01	8.04E-01
SGCG	0.95	1.69E-03	2.28E-01	-0.83	2.69E-01	8.04E-01
AP001324.1	0.18	6.64E-01	1.00E+00	-0.66	2.69E-01	8.04E-01
LCN2	-1.00	1.76E-01	1.00E+00	0.92	2.69E-01	8.04E-01
NELFE	-0.14	4.52E-01	1.00E+00	-0.11	2.69E-01	8.04E-01
ADK	0.15	5.98E-01	1.00E+00	-0.42	2.69E-01	8.04E-01
AL136982.5	0.44	5.54E-01	1.00E+00	0.90	2.69E-01	8.04E-01
AIM2	-2.46	2.38E-02	9.16E-01	3.47	2.69E-01	8.04E-01
SMIM6	-2.80	1.43E-01	1.00E+00	-1.76	2.69E-01	8.04E-01
TFR2	-0.02	9.52E-01	1.00E+00	0.81	2.69E-01	8.04E-01
GPR27	-0.13	6.80E-01	1.00E+00	-0.60	2.69E-01	8.04E-01
LYAR	0.22	2.84E-01	1.00E+00	0.26	2.69E-01	8.04E-01
PI4K2A	0.13	5.10E-01	1.00E+00	0.54	2.69E-01	8.04E-01
IQCE	-0.15	4.37E-01	1.00E+00	0.52	2.69E-01	8.04E-01
AL138781.2	0.89	1.54E-01	1.00E+00	-1.19	2.69E-01	8.04E-01
SEPHS1	-0.07	6.58E-01	1.00E+00	-0.20	2.69E-01	8.04E-01
CDK5RAP2	0.00	9.88E-01	1.00E+00	0.29	2.69E-01	8.04E-01
SNAPIN	0.01	9.67E-01	1.00E+00	-0.34	2.69E-01	8.04E-01
IGFALS	-1.66	6.48E-02	1.00E+00	1.23	2.69E-01	8.04E-01
NAP1L4P1	0.64	5.39E-01	1.00E+00	0.84	2.69E-01	8.04E-01
WDR91	0.05	8.41E-01	1.00E+00	0.52	2.69E-01	8.04E-01
GREM2	0.07	8.55E-01	1.00E+00	0.69	2.69E-01	8.04E-01
BCAS1	-0.15	8.46E-01	1.00E+00	-0.65	2.70E-01	8.04E-01
AL359220.1	0.08	8.08E-01	1.00E+00	-0.39	2.70E-01	8.04E-01
AC018557.2	2.85	2.15E-01	1.00E+00	1.25	2.70E-01	8.04E-01
LRWD1	-0.09	6.97E-01	1.00E+00	0.38	2.70E-01	8.04E-01
KTN1-AS1	-0.43	2.07E-01	1.00E+00	-0.41	2.70E-01	8.04E-01
AC242988.2	1.12	6.05E-01	1.00E+00	1.85	2.70E-01	8.04E-01
AC068594.1	1.71	2.96E-01	1.00E+00	1.04	2.70E-01	8.04E-01
CNOT7	0.13	4.02E-01	1.00E+00	-0.32	2.70E-01	8.04E-01
SAR1B	-0.01	9.53E-01	1.00E+00	-0.31	2.70E-01	8.04E-01

AL031727.1	0.42	7.98E-01	1.00E+00	-0.79	2.70E-01	8.04E-01
ZNF433	-0.26	3.34E-01	1.00E+00	-0.46	2.70E-01	8.04E-01
PRDX5	0.02	9.28E-01	1.00E+00	0.22	2.70E-01	8.04E-01
IL1RAP	-0.06	8.81E-01	1.00E+00	0.29	2.70E-01	8.04E-01
COA3	0.03	8.70E-01	1.00E+00	-0.38	2.70E-01	8.04E-01
FAM174A	0.18	5.58E-01	1.00E+00	-0.29	2.70E-01	8.04E-01
CLVS2	-1.18	1.18E-01	1.00E+00	-1.17	2.70E-01	8.04E-01
ST3GAL2	-0.07	8.01E-01	1.00E+00	0.64	2.70E-01	8.04E-01
SYT2	-0.44	6.91E-01	1.00E+00	0.84	2.70E-01	8.04E-01
ZNF324B	-0.06	8.49E-01	1.00E+00	0.60	2.71E-01	8.05E-01
PARP16	0.08	6.82E-01	1.00E+00	-0.38	2.71E-01	8.05E-01
ATL3	0.42	4.99E-02	1.00E+00	-0.36	2.71E-01	8.05E-01
RMI1	-0.34	2.81E-01	1.00E+00	-0.33	2.71E-01	8.05E-01
SLC36A2	-2.46	2.91E-01	1.00E+00	-0.97	2.71E-01	8.05E-01
PAK2	0.02	9.01E-01	1.00E+00	0.33	2.71E-01	8.05E-01
CACNA1A	-0.36	5.61E-01	1.00E+00	0.91	2.71E-01	8.05E-01
C9orf147	-2.38	4.46E-02	1.00E+00	0.84	2.71E-01	8.05E-01
MAFF	-0.18	7.52E-01	1.00E+00	0.45	2.71E-01	8.06E-01
PPIL4	0.23	3.67E-01	1.00E+00	-0.31	2.71E-01	8.06E-01
TMEM43	0.21	3.35E-01	1.00E+00	-0.23	2.71E-01	8.06E-01
UNC5B-AS1	-0.44	5.59E-01	1.00E+00	0.77	2.71E-01	8.06E-01
FKBP3	-0.14	5.53E-01	1.00E+00	-0.35	2.71E-01	8.06E-01
ACSL3	0.31	4.50E-01	1.00E+00	-0.31	2.71E-01	8.06E-01
COIL	-0.10	6.21E-01	1.00E+00	-0.29	2.71E-01	8.06E-01
ZGPAT	-0.18	5.45E-01	1.00E+00	0.39	2.71E-01	8.06E-01
ZC3H12A	-1.77	8.49E-03	5.68E-01	0.69	2.71E-01	8.06E-01
CHMP4A	0.56	2.02E-01	1.00E+00	0.59	2.71E-01	8.06E-01
GLMN	0.22	3.97E-01	1.00E+00	0.37	2.71E-01	8.06E-01
Z93241.1	-0.45	6.94E-01	1.00E+00	-1.91	2.71E-01	8.06E-01
PI15	-1.76	3.55E-04	7.50E-02	1.07	2.72E-01	8.06E-01
AC127521.1	1.27	3.92E-01	1.00E+00	-0.99	2.72E-01	8.06E-01
SAMD3	0.13	8.92E-01	1.00E+00	1.27	2.72E-01	8.06E-01

AC105760.1	NA	NA	NA	2.41	2.72E-01	8.06E-01
AL121987.2	0.84	8.00E-01	1.00E+00	-1.02	2.72E-01	8.06E-01
AL596202.1	1.05	1.93E-01	1.00E+00	-0.76	2.72E-01	8.06E-01
AC104339.1	NA	NA	NA	1.09	2.72E-01	8.06E-01
OLFM1	-0.19	6.08E-01	1.00E+00	-0.61	2.72E-01	8.06E-01
PSMA3	-0.02	9.39E-01	1.00E+00	-0.23	2.72E-01	8.06E-01
PLA2G16	1.86	8.63E-02	1.00E+00	-0.68	2.72E-01	8.06E-01
NUP50	0.09	7.31E-01	1.00E+00	0.17	2.72E-01	8.06E-01
AFF4	-0.12	4.07E-01	1.00E+00	0.39	2.72E-01	8.06E-01
RP11-87H9.3	-0.58	6.35E-01	1.00E+00	-0.73	2.72E-01	8.06E-01
G22375	-0.04	9.75E-01	1.00E+00	0.86	2.72E-01	8.06E-01
ITSN2	0.07	8.12E-01	1.00E+00	-0.22	2.72E-01	8.07E-01
DHX32	-0.08	7.96E-01	1.00E+00	-0.39	2.72E-01	8.07E-01
AL031722.1	-2.95	3.16E-02	1.00E+00	0.81	2.72E-01	8.07E-01
PENK	0.36	5.70E-01	1.00E+00	0.75	2.72E-01	8.07E-01
XLOC_000340	-0.94	7.78E-01	1.00E+00	-1.28	2.72E-01	8.07E-01
TMEM159	0.27	1.86E-01	1.00E+00	-0.29	2.72E-01	8.07E-01
L3MBTL1	0.24	6.30E-01	1.00E+00	-0.74	2.72E-01	8.07E-01
CREBRF	0.17	4.40E-01	1.00E+00	-0.38	2.72E-01	8.07E-01
OXSRI	0.28	1.14E-01	1.00E+00	0.36	2.72E-01	8.07E-01
AC003991.1	NA	NA	NA	1.27	2.72E-01	8.07E-01
MEP1A	-0.87	7.40E-01	1.00E+00	1.65	2.73E-01	8.07E-01
AL158211.1	1.00	6.00E-01	1.00E+00	-1.93	2.73E-01	8.07E-01
COX7CP1	0.06	9.79E-01	1.00E+00	-0.72	2.73E-01	8.07E-01
SCUBE2	0.04	9.14E-01	1.00E+00	-0.46	2.73E-01	8.07E-01
ARHGAP6	0.41	3.08E-01	1.00E+00	0.56	2.73E-01	8.07E-01
PSMA6	-0.32	5.03E-01	1.00E+00	0.72	2.73E-01	8.07E-01
S100A5	0.63	3.72E-01	1.00E+00	0.84	2.73E-01	8.07E-01
AC008969.1	-0.12	7.92E-01	1.00E+00	0.60	2.73E-01	8.07E-01
EPB41L2	0.31	4.55E-01	1.00E+00	0.52	2.73E-01	8.07E-01
KSR1	-0.30	2.81E-01	1.00E+00	0.63	2.73E-01	8.07E-01
BCKDK	-0.07	7.72E-01	1.00E+00	0.20	2.73E-01	8.07E-01

OBP2A	-2.12	1.34E-01	1.00E+00	-0.86	2.73E-01	8.07E-01
PIK3CB	0.17	4.72E-01	1.00E+00	-0.25	2.73E-01	8.07E-01
ULK2	0.19	3.44E-01	1.00E+00	-0.49	2.73E-01	8.07E-01
PHC2	0.03	9.16E-01	1.00E+00	0.67	2.73E-01	8.07E-01
XLOC_002882	-0.81	8.13E-01	1.00E+00	1.85	2.73E-01	8.07E-01
REXO2	0.22	3.52E-01	1.00E+00	-0.42	2.73E-01	8.07E-01
H1F0	-0.19	3.89E-01	1.00E+00	0.35	2.73E-01	8.07E-01
CGREF1	-0.10	8.74E-01	1.00E+00	0.85	2.73E-01	8.07E-01
TADA3	-0.07	7.75E-01	1.00E+00	0.28	2.73E-01	8.07E-01
ST3GAL4	-0.06	8.75E-01	1.00E+00	0.32	2.73E-01	8.07E-01
DCAF15	-0.21	3.88E-01	1.00E+00	0.56	2.73E-01	8.07E-01
IGKV1-9	5.23	1.15E-01	1.00E+00	3.46	2.73E-01	8.07E-01
TMA16	0.03	9.15E-01	1.00E+00	-0.31	2.73E-01	8.07E-01
MYL12BP2	1.41	2.35E-01	1.00E+00	-1.04	2.73E-01	8.07E-01
AC024909.2	3.31	2.83E-01	1.00E+00	-1.18	2.73E-01	8.07E-01
POLE4	-0.08	6.74E-01	1.00E+00	-0.36	2.73E-01	8.07E-01
AC084033.3	0.74	1.72E-01	1.00E+00	-0.44	2.73E-01	8.07E-01
PKN1	0.20	6.76E-01	1.00E+00	0.74	2.73E-01	8.07E-01
EPHX4	-0.73	4.16E-01	1.00E+00	-0.78	2.73E-01	8.07E-01
RPL13A	-0.14	6.39E-01	1.00E+00	0.32	2.73E-01	8.07E-01
IGHV1-2	6.41	2.41E-04	5.49E-02	3.45	2.74E-01	8.07E-01
CCNI2	-2.35	8.79E-02	1.00E+00	1.43	2.74E-01	8.07E-01
SH2D4B	-0.24	9.02E-01	1.00E+00	1.22	2.74E-01	8.07E-01
ZFP91	0.12	5.26E-01	1.00E+00	0.20	2.74E-01	8.07E-01
CWF19L1	-0.12	6.26E-01	1.00E+00	-0.22	2.74E-01	8.07E-01
XLOC_007955	1.70	5.40E-01	1.00E+00	1.03	2.74E-01	8.07E-01
CGRRF1	0.29	2.92E-01	1.00E+00	-0.39	2.74E-01	8.07E-01
APOL2	-0.48	3.20E-01	1.00E+00	0.61	2.74E-01	8.07E-01
TOP2B	-0.02	8.95E-01	1.00E+00	-0.36	2.74E-01	8.07E-01
BLNK	-0.29	4.71E-01	1.00E+00	0.41	2.74E-01	8.07E-01
PRSS21	-2.09	8.91E-03	5.87E-01	-0.71	2.74E-01	8.07E-01
NUPL2	-0.17	5.18E-01	1.00E+00	-0.29	2.74E-01	8.08E-01

OARD1	0.23	2.36E-01	1.00E+00	-0.27	2.74E-01	8.08E-01
APBB1IP	1.04	1.35E-01	1.00E+00	0.78	2.74E-01	8.08E-01
TNNI3	-0.86	3.69E-01	1.00E+00	1.01	2.74E-01	8.08E-01
G33879	-0.15	9.15E-01	1.00E+00	1.34	2.74E-01	8.08E-01
ZNF281	0.07	8.24E-01	1.00E+00	0.28	2.74E-01	8.08E-01
DEDD2	-0.20	5.40E-01	1.00E+00	0.24	2.74E-01	8.08E-01
PLXNB1	-0.15	5.29E-01	1.00E+00	0.52	2.74E-01	8.08E-01
G6PC3	0.06	8.90E-01	1.00E+00	0.34	2.74E-01	8.08E-01
TERC	-2.83	2.07E-01	1.00E+00	-0.68	2.75E-01	8.08E-01
CTNND2	-0.37	9.02E-01	1.00E+00	-1.18	2.75E-01	8.08E-01
TRIM45	0.19	5.22E-01	1.00E+00	0.58	2.75E-01	8.08E-01
SYT11	-0.18	7.29E-01	1.00E+00	0.60	2.75E-01	8.08E-01
PAOX	0.04	8.48E-01	1.00E+00	-0.64	2.75E-01	8.08E-01
WDPCP	0.28	4.13E-01	1.00E+00	-0.41	2.75E-01	8.08E-01
DCUN1D5	-0.22	3.57E-01	1.00E+00	0.25	2.75E-01	8.08E-01
URB1	0.11	5.87E-01	1.00E+00	0.45	2.75E-01	8.08E-01
AC073548.1	-2.36	1.75E-01	1.00E+00	1.26	2.75E-01	8.08E-01
ATP5MC1	-0.17	3.01E-01	1.00E+00	-0.42	2.75E-01	8.08E-01
LINC01940	1.18	3.90E-01	1.00E+00	1.68	2.75E-01	8.08E-01
CTNNAL1	0.04	8.84E-01	1.00E+00	-0.35	2.75E-01	8.08E-01
ENHO	0.79	2.05E-01	1.00E+00	-0.63	2.75E-01	8.08E-01
CARD9	-0.93	2.78E-02	9.71E-01	0.63	2.75E-01	8.08E-01
AC113410.2	0.19	7.43E-01	1.00E+00	0.71	2.75E-01	8.08E-01
LIPE-AS1	2.60	8.61E-04	1.48E-01	-0.67	2.75E-01	8.08E-01
TRIM56	0.26	3.94E-01	1.00E+00	0.54	2.75E-01	8.08E-01
VDAC3	0.02	9.11E-01	1.00E+00	-0.28	2.75E-01	8.08E-01
AC010976.1	0.88	5.42E-01	1.00E+00	1.20	2.75E-01	8.08E-01
TFAP2A-AS2	-2.95	2.03E-02	8.88E-01	0.92	2.75E-01	8.08E-01
TPST1	0.34	2.18E-01	1.00E+00	0.34	2.75E-01	8.08E-01
AC138393.1	-0.43	2.22E-01	1.00E+00	-0.57	2.76E-01	8.08E-01
AC005550.2	-0.11	9.67E-01	1.00E+00	-1.33	2.76E-01	8.08E-01
ZC3HC1	0.24	4.35E-01	1.00E+00	-0.31	2.76E-01	8.08E-01

ITIH6	1.05	5.33E-01	1.00E+00	-1.39	2.76E-01	8.08E-01
PCP4	-0.18	8.07E-01	1.00E+00	-0.69	2.76E-01	8.08E-01
PIN4P1	-0.75	8.29E-01	1.00E+00	-1.09	2.76E-01	8.08E-01
TCIM	0.09	7.92E-01	1.00E+00	0.55	2.76E-01	8.08E-01
LZTFL1	-0.05	8.07E-01	1.00E+00	-0.25	2.76E-01	8.08E-01
RSPO3	0.08	8.82E-01	1.00E+00	0.66	2.76E-01	8.08E-01
DDX21	-0.24	4.08E-01	1.00E+00	0.40	2.76E-01	8.08E-01
TFB1M	0.02	9.30E-01	1.00E+00	-0.45	2.76E-01	8.08E-01
G18534	-0.26	7.57E-01	1.00E+00	-0.86	2.76E-01	8.08E-01
SLC39A3	-0.30	2.44E-01	1.00E+00	0.25	2.76E-01	8.08E-01
RPS3	-0.19	5.48E-01	1.00E+00	0.31	2.76E-01	8.08E-01
AL109809.1	-0.22	8.39E-01	1.00E+00	0.81	2.76E-01	8.08E-01
ARL17B	0.93	1.21E-01	1.00E+00	0.51	2.76E-01	8.08E-01
TMEM51	-0.06	8.48E-01	1.00E+00	0.59	2.76E-01	8.08E-01
LINC00528	-1.99	2.64E-01	1.00E+00	1.47	2.76E-01	8.08E-01
WASHC3	-0.17	3.76E-01	1.00E+00	-0.37	2.76E-01	8.08E-01
XLOC_008614	-2.40	3.96E-01	1.00E+00	0.87	2.76E-01	8.08E-01
DDX24	-0.04	8.03E-01	1.00E+00	0.17	2.76E-01	8.08E-01
TTC23L	-0.57	4.66E-01	1.00E+00	0.95	2.76E-01	8.08E-01
XLOC_014129	1.09	1.10E-01	1.00E+00	1.12	2.76E-01	8.08E-01
ZNF101	-0.20	4.86E-01	1.00E+00	0.32	2.76E-01	8.08E-01
MAN1B1	-0.09	6.41E-01	1.00E+00	0.21	2.76E-01	8.08E-01
XLOC_010693	-1.21	4.37E-01	1.00E+00	-0.77	2.76E-01	8.08E-01
KIF3C	-0.28	4.36E-01	1.00E+00	0.74	2.76E-01	8.08E-01
LINC00667	-0.13	6.98E-01	1.00E+00	-0.29	2.76E-01	8.08E-01
TERF2	-0.14	4.82E-01	1.00E+00	-0.27	2.76E-01	8.09E-01
ZFAS1	0.04	9.03E-01	1.00E+00	0.30	2.77E-01	8.09E-01
G32019	-1.00	5.58E-01	1.00E+00	-0.98	2.77E-01	8.09E-01
Z84484.1	0.24	8.72E-01	1.00E+00	1.02	2.77E-01	8.09E-01
PDGFRB	-0.19	6.61E-01	1.00E+00	0.77	2.77E-01	8.09E-01
INTS6-AS1	-0.57	5.03E-01	1.00E+00	-0.57	2.77E-01	8.09E-01
TCTN2	0.13	4.92E-01	1.00E+00	0.51	2.77E-01	8.09E-01

GSTM1	3.32	3.03E-01	1.00E+00	3.41	2.77E-01	8.09E-01
CYSRT1	-0.18	7.61E-01	1.00E+00	0.69	2.77E-01	8.09E-01
TMEM221	-0.03	9.72E-01	1.00E+00	-1.02	2.77E-01	8.09E-01
ATXN7L3B	0.15	3.75E-01	1.00E+00	-0.20	2.77E-01	8.09E-01
XLOC_001457	0.03	9.85E-01	1.00E+00	1.59	2.77E-01	8.09E-01
RTTN	0.43	2.52E-01	1.00E+00	0.53	2.77E-01	8.09E-01
PCMTD1	0.11	7.55E-01	1.00E+00	-0.28	2.77E-01	8.09E-01
TMEM25	-0.02	9.58E-01	1.00E+00	-0.28	2.77E-01	8.09E-01
TBX2	-0.03	9.51E-01	1.00E+00	1.02	2.77E-01	8.09E-01
AMD1	0.06	8.27E-01	1.00E+00	0.19	2.77E-01	8.09E-01
AC122688.3	0.59	5.67E-01	1.00E+00	0.72	2.77E-01	8.09E-01
RNASE1	0.07	8.85E-01	1.00E+00	0.49	2.77E-01	8.09E-01
ASPN	0.04	9.39E-01	1.00E+00	0.47	2.77E-01	8.09E-01
FAM53B	-0.33	2.34E-01	1.00E+00	0.58	2.77E-01	8.09E-01
RABL6	-0.14	5.86E-01	1.00E+00	0.66	2.77E-01	8.09E-01
CDC6	-0.32	3.91E-01	1.00E+00	0.46	2.77E-01	8.09E-01
AC097662.1	0.62	3.76E-01	1.00E+00	-1.02	2.77E-01	8.09E-01
MT-ATP8	-0.25	5.51E-01	1.00E+00	-0.63	2.78E-01	8.09E-01
RPL35P5	0.13	8.92E-01	1.00E+00	-0.66	2.78E-01	8.09E-01
AP001469.3	0.36	5.23E-01	1.00E+00	0.82	2.78E-01	8.09E-01
ABCA17P	1.07	3.17E-01	1.00E+00	-0.86	2.78E-01	8.09E-01
SMIM26	0.46	1.48E-01	1.00E+00	-0.62	2.78E-01	8.10E-01
RBM20	-0.33	5.68E-01	1.00E+00	0.87	2.78E-01	8.10E-01
AP4S1	-0.01	9.72E-01	1.00E+00	0.23	2.78E-01	8.10E-01
SERPINA9	-0.93	4.62E-01	1.00E+00	-1.22	2.78E-01	8.10E-01
FKBP4	-0.30	1.10E-01	1.00E+00	-0.32	2.78E-01	8.10E-01
CTPS1	-0.50	3.78E-02	1.00E+00	0.38	2.78E-01	8.10E-01
GHDC	0.15	6.03E-01	1.00E+00	0.70	2.78E-01	8.10E-01
PJKV	0.74	3.42E-01	1.00E+00	-0.66	2.78E-01	8.10E-01
LACTB2	-0.49	1.14E-01	1.00E+00	-0.45	2.78E-01	8.10E-01
AC105749.1	0.27	8.35E-01	1.00E+00	1.06	2.78E-01	8.10E-01
PGAM1	-0.12	5.06E-01	1.00E+00	0.31	2.78E-01	8.10E-01

PIF1	-0.30	7.49E-01	1.00E+00	1.30	2.78E-01	8.10E-01
WDR61	0.14	4.26E-01	1.00E+00	-0.34	2.78E-01	8.10E-01
UGGT2	0.11	7.31E-01	1.00E+00	-0.34	2.78E-01	8.10E-01
VPS33B	0.74	1.40E-01	1.00E+00	-0.38	2.78E-01	8.10E-01
BICD1	-0.40	1.60E-01	1.00E+00	0.51	2.78E-01	8.10E-01
DNAAF2	0.07	8.06E-01	1.00E+00	-0.30	2.78E-01	8.10E-01
SNHG10	-0.51	3.90E-01	1.00E+00	-0.53	2.78E-01	8.10E-01
AC002511.1	0.55	8.65E-01	1.00E+00	1.77	2.78E-01	8.10E-01
IRF4	0.09	8.50E-01	1.00E+00	-0.41	2.79E-01	8.10E-01
AC008264.2	0.10	9.77E-01	1.00E+00	2.23	2.79E-01	8.10E-01
CUX1	0.01	9.83E-01	1.00E+00	0.30	2.79E-01	8.10E-01
AC110079.1	-0.70	1.34E-01	1.00E+00	0.82	2.79E-01	8.10E-01
YTHDC1	0.06	7.45E-01	1.00E+00	0.30	2.79E-01	8.10E-01
ZRSR2	-0.06	7.89E-01	1.00E+00	-0.41	2.79E-01	8.10E-01
SYNE2	-0.50	3.20E-02	1.00E+00	-0.34	2.79E-01	8.10E-01
AC007529.2	3.87	1.74E-01	1.00E+00	-1.37	2.79E-01	8.10E-01
ZFYVE27	0.13	6.87E-01	1.00E+00	0.27	2.79E-01	8.10E-01
AL357060.1	0.28	5.34E-01	1.00E+00	0.39	2.79E-01	8.10E-01
TINF2	0.03	8.37E-01	1.00E+00	0.19	2.79E-01	8.10E-01
HINT1	-0.07	7.37E-01	1.00E+00	-0.34	2.79E-01	8.10E-01
MGAM2	0.41	7.51E-01	1.00E+00	1.60	2.79E-01	8.10E-01
ATP10A	0.26	5.42E-01	1.00E+00	0.81	2.79E-01	8.10E-01
RCOR1	0.03	9.06E-01	1.00E+00	0.50	2.79E-01	8.10E-01
FAM86C1	-0.21	6.74E-01	1.00E+00	0.32	2.79E-01	8.10E-01
LINC01679	-0.51	1.86E-01	1.00E+00	0.39	2.79E-01	8.10E-01
LINC00242	-1.96	1.08E-01	1.00E+00	0.62	2.79E-01	8.10E-01
AMTN	-1.70	1.89E-01	1.00E+00	-1.53	2.79E-01	8.10E-01
RGPD8	-0.07	8.79E-01	1.00E+00	0.59	2.79E-01	8.10E-01
TCP11L1	0.27	3.82E-01	1.00E+00	0.42	2.79E-01	8.10E-01
SCRN2	0.19	6.26E-01	1.00E+00	-0.35	2.79E-01	8.10E-01
MRTFA-AS1	0.91	7.54E-01	1.00E+00	1.29	2.79E-01	8.10E-01
SMIM8	-0.02	9.55E-01	1.00E+00	-0.52	2.79E-01	8.10E-01

LAGE3	-0.16	5.87E-01	1.00E+00	-0.42	2.79E-01	8.10E-01
PCSK7	-0.07	7.56E-01	1.00E+00	0.55	2.79E-01	8.10E-01
SLC9A6	0.03	8.55E-01	1.00E+00	-0.22	2.79E-01	8.10E-01
MNAT1	0.18	5.07E-01	1.00E+00	-0.33	2.79E-01	8.10E-01
ZNF77	-0.23	3.27E-01	1.00E+00	-0.33	2.79E-01	8.10E-01
PNPLA4	-0.16	4.59E-01	1.00E+00	-0.28	2.80E-01	8.10E-01
CXorf57	0.38	2.13E-01	1.00E+00	0.59	2.80E-01	8.10E-01
TTC17	-0.05	8.14E-01	1.00E+00	0.18	2.80E-01	8.10E-01
MDH2	-0.13	4.91E-01	1.00E+00	-0.21	2.80E-01	8.11E-01
TMEM254	0.05	8.78E-01	1.00E+00	-0.53	2.80E-01	8.11E-01
S100A3	-2.23	1.22E-03	1.86E-01	0.69	2.80E-01	8.11E-01
ZCCHC9	0.28	3.20E-01	1.00E+00	0.14	2.80E-01	8.11E-01
WTIP	0.15	7.35E-01	1.00E+00	0.80	2.80E-01	8.11E-01
TBATA	-0.30	7.54E-01	1.00E+00	-0.91	2.80E-01	8.11E-01
EPHA1-AS1	-0.52	4.63E-01	1.00E+00	-0.66	2.80E-01	8.11E-01
XLOC_002897	0.44	8.12E-01	1.00E+00	1.08	2.80E-01	8.11E-01
C1RL-AS1	0.13	8.72E-01	1.00E+00	0.56	2.80E-01	8.11E-01
AC110619.1	-0.92	3.19E-01	1.00E+00	1.11	2.80E-01	8.11E-01
SUSD4	-0.15	7.42E-01	1.00E+00	-0.50	2.80E-01	8.11E-01
AP000892.3	-1.35	1.51E-01	1.00E+00	0.65	2.80E-01	8.11E-01
LMNB1	-0.13	6.03E-01	1.00E+00	0.58	2.80E-01	8.11E-01
TTI1	0.11	6.54E-01	1.00E+00	-0.30	2.80E-01	8.11E-01
AC004241.5	0.48	7.41E-01	1.00E+00	-0.89	2.80E-01	8.11E-01
SLC23A1	0.00	1.00E+00	1.00E+00	0.70	2.80E-01	8.11E-01
LIX1L-AS1	1.17	4.77E-01	1.00E+00	-0.60	2.81E-01	8.11E-01
ZNF562	0.11	7.03E-01	1.00E+00	0.28	2.81E-01	8.11E-01
ZNF600	0.10	7.73E-01	1.00E+00	-0.42	2.81E-01	8.11E-01
MEIS3	-0.20	6.21E-01	1.00E+00	0.81	2.81E-01	8.11E-01
SLC16A1-AS1	0.06	9.06E-01	1.00E+00	0.55	2.81E-01	8.11E-01
AC018607.1	1.76	6.07E-01	1.00E+00	1.55	2.81E-01	8.11E-01
COX5B	-0.05	7.79E-01	1.00E+00	-0.27	2.81E-01	8.12E-01
XLOC_011484	3.06	9.14E-02	1.00E+00	-1.49	2.81E-01	8.12E-01

SOX4	-0.12	6.86E-01	1.00E+00	0.32	2.81E-01	8.12E-01
PURA	0.14	5.68E-01	1.00E+00	-0.28	2.81E-01	8.12E-01
DUSP18	-0.49	1.60E-01	1.00E+00	0.32	2.81E-01	8.12E-01
ZSCAN2	-0.24	7.12E-01	1.00E+00	0.51	2.81E-01	8.12E-01
DLEU7-AS1	0.38	9.14E-01	1.00E+00	2.19	2.81E-01	8.12E-01
KCNK15-AS1	-1.88	3.02E-01	1.00E+00	0.83	2.81E-01	8.12E-01
E4F1	-0.20	4.34E-01	1.00E+00	0.40	2.81E-01	8.12E-01
THORLNC	-1.70	2.66E-02	9.50E-01	-0.70	2.81E-01	8.12E-01
AC007686.3	0.68	4.42E-01	1.00E+00	-0.73	2.81E-01	8.12E-01
CDC42BPB	-0.16	4.37E-01	1.00E+00	0.75	2.81E-01	8.12E-01
AC106028.3	-0.36	8.74E-01	1.00E+00	-1.03	2.81E-01	8.12E-01
AC105046.1	-0.86	2.63E-01	1.00E+00	-0.76	2.81E-01	8.12E-01
TMEM108	-0.14	7.78E-01	1.00E+00	0.56	2.81E-01	8.12E-01
RNU6-238P	0.16	9.55E-01	1.00E+00	1.17	2.81E-01	8.12E-01
KRT6C	-2.79	8.45E-02	1.00E+00	3.37	2.81E-01	8.12E-01
TRBV30	-0.95	7.81E-01	1.00E+00	0.95	2.81E-01	8.12E-01
ZNF454	-0.09	8.87E-01	1.00E+00	-0.74	2.81E-01	8.12E-01
MTAP	0.07	7.81E-01	1.00E+00	-0.17	2.82E-01	8.12E-01
ENO4	-1.65	2.17E-01	1.00E+00	-0.78	2.82E-01	8.12E-01
APOL6	-0.11	8.57E-01	1.00E+00	0.64	2.82E-01	8.12E-01
LINC00630	-0.24	5.68E-01	1.00E+00	0.44	2.82E-01	8.12E-01
P2RY6	-0.11	8.85E-01	1.00E+00	2.58	2.82E-01	8.12E-01
EBI3	-0.33	6.51E-01	1.00E+00	1.14	2.82E-01	8.12E-01
PLXNA4	0.43	1.76E-01	1.00E+00	0.52	2.82E-01	8.12E-01
MMP9	-0.59	2.77E-01	1.00E+00	0.91	2.82E-01	8.12E-01
ASIC1	-0.33	4.97E-01	1.00E+00	0.88	2.82E-01	8.12E-01
NCDN	-0.58	6.03E-02	1.00E+00	0.56	2.82E-01	8.12E-01
G38513	-0.76	4.99E-01	1.00E+00	1.19	2.82E-01	8.12E-01
AC090197.1	-1.22	6.15E-01	1.00E+00	1.54	2.82E-01	8.12E-01
PALM	0.25	6.17E-01	1.00E+00	0.70	2.82E-01	8.12E-01
XLOC_002196	1.12	3.86E-01	1.00E+00	-0.77	2.82E-01	8.12E-01
CGAS	-0.72	7.16E-02	1.00E+00	0.61	2.82E-01	8.12E-01

KCNAB3	0.05	9.62E-01	1.00E+00	1.73	2.82E-01	8.12E-01
ARRDC1-AS1	0.07	7.77E-01	1.00E+00	-0.34	2.82E-01	8.12E-01
BTF3L4	0.22	3.43E-01	1.00E+00	-0.23	2.82E-01	8.12E-01
ZYG11B	0.03	8.92E-01	1.00E+00	-0.33	2.82E-01	8.13E-01
ZFP36L2	-0.51	9.84E-02	1.00E+00	-0.36	2.82E-01	8.13E-01
TUBGCP2	-0.40	2.17E-02	8.94E-01	0.28	2.83E-01	8.13E-01
ARHGAP21	-0.10	7.67E-01	1.00E+00	0.63	2.83E-01	8.13E-01
SIK3-IT1	0.56	8.71E-01	1.00E+00	-1.65	2.83E-01	8.13E-01
CAMK2D	0.24	2.69E-01	1.00E+00	0.22	2.83E-01	8.13E-01
UGT2B7	-3.93	2.40E-02	9.18E-01	-1.13	2.83E-01	8.13E-01
COMMD3	-0.03	9.21E-01	1.00E+00	-0.58	2.83E-01	8.13E-01
ORC5	0.34	1.11E-01	1.00E+00	-0.37	2.83E-01	8.13E-01
AC069360.1	-1.98	2.16E-01	1.00E+00	0.97	2.83E-01	8.13E-01
AGBL5	-0.07	7.16E-01	1.00E+00	-0.29	2.83E-01	8.13E-01
RALGDS	0.29	5.40E-01	1.00E+00	-0.33	2.83E-01	8.13E-01
AKIRIN2	0.09	6.73E-01	1.00E+00	0.26	2.83E-01	8.13E-01
SH3RF3-AS1	-0.22	5.84E-01	1.00E+00	1.11	2.83E-01	8.13E-01
AC004921.1	-0.85	5.79E-01	1.00E+00	1.47	2.83E-01	8.13E-01
SGPL1	0.23	4.76E-01	1.00E+00	0.28	2.83E-01	8.13E-01
NKD2	-0.04	9.21E-01	1.00E+00	0.79	2.83E-01	8.13E-01
ELMOD1	0.10	8.93E-01	1.00E+00	-0.71	2.83E-01	8.13E-01
G27456	0.66	4.00E-01	1.00E+00	1.27	2.83E-01	8.13E-01
AC004847.1	-0.60	5.73E-01	1.00E+00	1.60	2.83E-01	8.14E-01
MRPS30	-0.24	2.89E-01	1.00E+00	-0.26	2.83E-01	8.14E-01
XLOC_001595	2.12	2.76E-01	1.00E+00	-0.95	2.84E-01	8.14E-01
SGPP2	0.09	8.21E-01	1.00E+00	-0.79	2.84E-01	8.14E-01
FAM87A	-3.15	5.94E-03	4.59E-01	-1.06	2.84E-01	8.14E-01
AL356515.1	1.01	6.31E-01	1.00E+00	1.04	2.84E-01	8.14E-01
CYGB	0.27	4.50E-01	1.00E+00	0.75	2.84E-01	8.14E-01
AAAS	-0.27	1.02E-01	1.00E+00	-0.20	2.84E-01	8.14E-01
APCDD1L	-0.25	6.42E-01	1.00E+00	0.75	2.84E-01	8.14E-01
TULP4	-0.04	8.94E-01	1.00E+00	-0.38	2.84E-01	8.14E-01

HAND2-AS1	1.00	1.37E-01	1.00E+00	0.91	2.84E-01	8.14E-01
AL512363.1	-1.52	3.58E-03	3.22E-01	0.66	2.84E-01	8.14E-01
XRCC1	0.12	5.67E-01	1.00E+00	0.24	2.84E-01	8.14E-01
RFESD	0.24	7.21E-01	1.00E+00	-0.65	2.84E-01	8.14E-01
AC125437.2	-0.94	7.83E-01	1.00E+00	1.41	2.84E-01	8.15E-01
SNAPC1	0.28	3.51E-01	1.00E+00	-0.34	2.84E-01	8.15E-01
MAPK10	1.17	1.93E-01	1.00E+00	-0.69	2.84E-01	8.15E-01
AC124067.4	0.15	8.69E-01	1.00E+00	1.20	2.84E-01	8.15E-01
PINK1	-0.01	9.63E-01	1.00E+00	-0.69	2.84E-01	8.15E-01
MMADHC	0.07	7.46E-01	1.00E+00	-0.33	2.84E-01	8.15E-01
AGMAT	-2.50	2.19E-02	8.96E-01	0.91	2.84E-01	8.15E-01
WNT3	-0.11	7.75E-01	1.00E+00	-0.71	2.84E-01	8.15E-01
SLC27A6	-0.96	6.25E-02	1.00E+00	-1.16	2.85E-01	8.15E-01
GNAL	-0.37	1.65E-01	1.00E+00	-0.43	2.85E-01	8.15E-01
ZNF132	0.28	5.64E-01	1.00E+00	0.44	2.85E-01	8.15E-01
CALB2	2.99	1.98E-02	8.80E-01	-0.92	2.85E-01	8.15E-01
TXK	-0.71	4.14E-01	1.00E+00	0.78	2.85E-01	8.15E-01
DCD	-1.23	3.73E-01	1.00E+00	-3.34	2.85E-01	8.15E-01
RRM2	0.15	7.49E-01	1.00E+00	0.51	2.85E-01	8.15E-01
SNAPC4	-0.09	7.62E-01	1.00E+00	0.77	2.85E-01	8.15E-01
AL109936.6	0.03	9.79E-01	1.00E+00	-1.10	2.85E-01	8.15E-01
UBE2QL1	-0.79	2.38E-01	1.00E+00	-0.79	2.85E-01	8.15E-01
DNM1L	-0.04	8.30E-01	1.00E+00	-0.17	2.85E-01	8.15E-01
FLCN	0.33	2.23E-01	1.00E+00	0.59	2.85E-01	8.15E-01
FKRP	-0.10	7.60E-01	1.00E+00	0.72	2.85E-01	8.15E-01
G4300	-0.06	9.38E-01	1.00E+00	-0.77	2.85E-01	8.15E-01
DCUN1D4	0.22	3.79E-01	1.00E+00	-0.34	2.85E-01	8.15E-01
GATM	0.09	8.26E-01	1.00E+00	-0.56	2.85E-01	8.15E-01
NAP1L6	0.23	8.56E-01	1.00E+00	1.11	2.85E-01	8.15E-01
NECTIN2	-0.23	3.47E-01	1.00E+00	0.55	2.85E-01	8.15E-01
OR2T10	-3.99	8.18E-02	1.00E+00	-1.81	2.85E-01	8.15E-01
AC010247.1	-3.73	1.02E-01	1.00E+00	1.35	2.85E-01	8.15E-01

AL021328.1	0.32	6.32E-01	1.00E+00	0.44	2.85E-01	8.15E-01
CACNA1F	-0.94	3.36E-01	1.00E+00	0.97	2.85E-01	8.15E-01
XLOC_010271	1.40	4.71E-01	1.00E+00	1.61	2.85E-01	8.15E-01
TSNAX	0.19	5.69E-01	1.00E+00	-0.29	2.85E-01	8.15E-01
SECISBP2L	0.05	8.26E-01	1.00E+00	0.35	2.85E-01	8.15E-01
PLPP1	0.20	6.47E-01	1.00E+00	-0.42	2.86E-01	8.15E-01
UBR1	-0.06	8.55E-01	1.00E+00	0.31	2.86E-01	8.15E-01
E2F5	-0.06	9.03E-01	1.00E+00	-0.43	2.86E-01	8.15E-01
BDP1	-0.28	2.71E-01	1.00E+00	-0.28	2.86E-01	8.15E-01
CSGALNACT2	0.02	9.30E-01	1.00E+00	0.44	2.86E-01	8.15E-01
METTL1	-0.34	2.91E-01	1.00E+00	0.34	2.86E-01	8.15E-01
Z95331.1	1.42	3.85E-01	1.00E+00	0.97	2.86E-01	8.15E-01
CASP12	0.71	1.65E-01	1.00E+00	0.76	2.86E-01	8.15E-01
G10695	-0.83	1.52E-01	1.00E+00	-0.70	2.86E-01	8.16E-01
CYB5RL	-0.15	6.80E-01	1.00E+00	0.44	2.86E-01	8.16E-01
CCDC189	0.60	8.61E-01	1.00E+00	0.90	2.86E-01	8.16E-01
XLOC_002002	0.82	5.85E-01	1.00E+00	1.58	2.86E-01	8.16E-01
CAMK1	0.31	7.10E-01	1.00E+00	-0.73	2.86E-01	8.16E-01
CELF4	-1.14	3.14E-01	1.00E+00	0.73	2.86E-01	8.16E-01
TUBD1	0.32	3.42E-01	1.00E+00	-0.35	2.86E-01	8.16E-01
CCIN	0.64	6.99E-01	1.00E+00	1.49	2.86E-01	8.16E-01
PTPRN	-0.21	9.51E-01	1.00E+00	1.29	2.86E-01	8.16E-01
PLAG1	0.22	5.52E-01	1.00E+00	0.41	2.86E-01	8.16E-01
DOK1	1.20	1.20E-01	1.00E+00	0.49	2.87E-01	8.16E-01
SEMA4D	-0.15	5.81E-01	1.00E+00	0.46	2.87E-01	8.16E-01
DHRS12	0.49	1.36E-01	1.00E+00	-0.40	2.87E-01	8.16E-01
H2AFVP1	1.00	5.22E-01	1.00E+00	0.63	2.87E-01	8.16E-01
MAP6	-0.72	2.39E-01	1.00E+00	-0.70	2.87E-01	8.16E-01
C2orf69	-0.15	6.06E-01	1.00E+00	-0.26	2.87E-01	8.16E-01
TBILA	0.45	6.49E-01	1.00E+00	0.82	2.87E-01	8.16E-01
TRIM69	-0.04	9.22E-01	1.00E+00	0.34	2.87E-01	8.16E-01
LDHD	0.83	1.57E-01	1.00E+00	-0.53	2.87E-01	8.16E-01

MRAP	1.09	7.45E-01	1.00E+00	-1.18	2.87E-01	8.16E-01
KIRREL3	0.34	6.79E-01	1.00E+00	0.73	2.87E-01	8.16E-01
RUSC2	0.07	7.17E-01	1.00E+00	0.71	2.87E-01	8.16E-01
PHLDB3	0.05	9.26E-01	1.00E+00	0.51	2.87E-01	8.16E-01
YY1	0.12	4.45E-01	1.00E+00	0.28	2.87E-01	8.16E-01
ST5	-0.37	1.73E-01	1.00E+00	0.49	2.87E-01	8.16E-01
DERL2	0.19	3.91E-01	1.00E+00	-0.34	2.87E-01	8.16E-01
AC023906.5	0.89	4.63E-01	1.00E+00	0.97	2.87E-01	8.16E-01
AC007365.1	0.60	4.80E-01	1.00E+00	0.87	2.87E-01	8.16E-01
TOGARAM2	0.54	3.60E-01	1.00E+00	-0.89	2.87E-01	8.16E-01
ZNF165	0.09	7.97E-01	1.00E+00	0.42	2.87E-01	8.16E-01
C19orf24	-0.20	5.42E-01	1.00E+00	0.18	2.87E-01	8.16E-01
STK3	0.03	9.09E-01	1.00E+00	-0.30	2.87E-01	8.16E-01
TERF1	-0.04	8.51E-01	1.00E+00	-0.25	2.87E-01	8.16E-01
ATP5MG	0.22	4.77E-01	1.00E+00	-0.55	2.87E-01	8.16E-01
AC004925.1	-0.23	7.90E-01	1.00E+00	-1.22	2.87E-01	8.16E-01
XLOC_006070	-1.09	5.66E-01	1.00E+00	0.70	2.87E-01	8.16E-01
AC010329.1	0.55	1.74E-01	1.00E+00	-0.63	2.87E-01	8.16E-01
EPOP	-1.76	1.32E-03	1.95E-01	1.05	2.87E-01	8.16E-01
KCTD2	0.16	3.91E-01	1.00E+00	0.47	2.87E-01	8.16E-01
RAD18	-0.07	7.40E-01	1.00E+00	0.31	2.87E-01	8.16E-01
NPDC1	-0.05	8.54E-01	1.00E+00	0.42	2.87E-01	8.16E-01
AL132800.1	-1.92	2.06E-01	1.00E+00	0.96	2.87E-01	8.16E-01
PTENP1	0.85	3.22E-01	1.00E+00	0.67	2.87E-01	8.16E-01
G33960	-1.02	3.43E-01	1.00E+00	-0.98	2.87E-01	8.16E-01
RPS3AP49	NA	NA	NA	-0.83	2.88E-01	8.16E-01
HNRNPA1P10	-0.25	4.25E-01	1.00E+00	-0.25	2.88E-01	8.16E-01
AL663070.1	0.72	4.99E-01	1.00E+00	-0.98	2.88E-01	8.16E-01
NDRG4	-0.64	8.80E-02	1.00E+00	0.48	2.88E-01	8.16E-01
FANCB	-0.66	3.66E-01	1.00E+00	-0.61	2.88E-01	8.16E-01
ECE1	-0.22	4.58E-01	1.00E+00	0.61	2.88E-01	8.16E-01
OIT3	0.05	9.81E-01	1.00E+00	1.80	2.88E-01	8.16E-01

AF131215.5	-0.07	8.15E-01	1.00E+00	0.91	2.88E-01	8.16E-01
RTN3P1	-1.03	6.83E-01	1.00E+00	-0.63	2.88E-01	8.16E-01
PDCD5	-0.23	3.15E-01	1.00E+00	-0.33	2.88E-01	8.16E-01
HNRNPA1P16	-0.12	8.90E-01	1.00E+00	1.03	2.88E-01	8.16E-01
KDEL2	0.11	6.13E-01	1.00E+00	-0.22	2.88E-01	8.16E-01
SMAD4	0.34	8.30E-02	1.00E+00	-0.27	2.88E-01	8.16E-01
EMP1	0.26	2.00E-01	1.00E+00	0.21	2.88E-01	8.16E-01
MESP2	0.07	9.23E-01	1.00E+00	-0.79	2.88E-01	8.16E-01
CYP20A1	-0.12	6.34E-01	1.00E+00	-0.30	2.88E-01	8.16E-01
AL109811.2	2.38	4.84E-01	1.00E+00	0.91	2.88E-01	8.16E-01
MPLKIP	0.02	9.29E-01	1.00E+00	-0.40	2.88E-01	8.16E-01
LINC01218	-0.15	9.66E-01	1.00E+00	-1.35	2.88E-01	8.16E-01
ATR1	-0.11	6.89E-01	1.00E+00	0.33	2.88E-01	8.16E-01
CYP4F8	0.49	8.82E-01	1.00E+00	-1.41	2.88E-01	8.16E-01
LRRC23	-0.26	3.56E-01	1.00E+00	0.23	2.88E-01	8.16E-01
PHB2	-0.16	4.84E-01	1.00E+00	0.19	2.88E-01	8.16E-01
SAP30BP	-0.05	7.48E-01	1.00E+00	0.22	2.88E-01	8.16E-01
WEE2-AS1	-0.76	1.44E-01	1.00E+00	0.69	2.88E-01	8.16E-01
USP14	0.15	4.22E-01	1.00E+00	-0.23	2.88E-01	8.16E-01
CHKA	-0.35	5.42E-01	1.00E+00	-0.83	2.88E-01	8.16E-01
GLCE	-0.23	4.14E-01	1.00E+00	-0.25	2.89E-01	8.16E-01
COA4	-0.01	9.75E-01	1.00E+00	0.18	2.89E-01	8.16E-01
RNF214	-0.16	4.49E-01	1.00E+00	0.26	2.89E-01	8.16E-01
TDRP	0.28	4.25E-01	1.00E+00	-0.65	2.89E-01	8.16E-01
AAMDC	0.45	1.33E-01	1.00E+00	-0.57	2.89E-01	8.16E-01
TAF12	0.04	8.03E-01	1.00E+00	-0.33	2.89E-01	8.16E-01
C19orf81	0.65	3.20E-01	1.00E+00	-1.21	2.89E-01	8.16E-01
VEGFD	0.29	8.16E-01	1.00E+00	-0.94	2.89E-01	8.16E-01
ABC4	-0.38	1.86E-01	1.00E+00	0.53	2.89E-01	8.16E-01
AL139424.2	-0.11	8.76E-01	1.00E+00	-1.00	2.89E-01	8.16E-01
MTLN	-0.04	8.82E-01	1.00E+00	-0.37	2.89E-01	8.16E-01
ECH1	0.23	4.32E-01	1.00E+00	-0.36	2.89E-01	8.16E-01

FAM104B	-0.23	3.66E-01	1.00E+00	-0.44	2.89E-01	8.16E-01
SRXN1	-1.43	6.26E-02	1.00E+00	0.98	2.89E-01	8.16E-01
CRTAP	0.16	5.67E-01	1.00E+00	0.29	2.89E-01	8.16E-01
LPIN1	0.38	3.95E-01	1.00E+00	-0.50	2.89E-01	8.16E-01
HIC2	0.29	4.75E-01	1.00E+00	0.70	2.89E-01	8.16E-01
RPL23	-0.06	8.52E-01	1.00E+00	0.27	2.89E-01	8.16E-01
PTPN11	0.23	2.79E-01	1.00E+00	-0.23	2.89E-01	8.16E-01
CPSF6	-0.12	5.38E-01	1.00E+00	-0.11	2.89E-01	8.16E-01
TENT4B	-0.03	9.14E-01	1.00E+00	0.29	2.89E-01	8.16E-01
OSMR	-0.21	3.75E-01	1.00E+00	0.59	2.89E-01	8.16E-01
CUL7	0.09	7.54E-01	1.00E+00	0.58	2.89E-01	8.16E-01
AL031058.1	-0.35	5.48E-01	1.00E+00	-0.66	2.89E-01	8.16E-01
TRIM7	0.06	8.96E-01	1.00E+00	-0.57	2.89E-01	8.17E-01
LINC00526	0.33	3.58E-01	1.00E+00	-0.44	2.90E-01	8.17E-01
AC011468.1	-0.27	7.92E-01	1.00E+00	0.67	2.90E-01	8.17E-01
BAZ2B	-0.06	7.37E-01	1.00E+00	-0.27	2.90E-01	8.17E-01
NOL4L	-0.13	7.74E-01	1.00E+00	0.40	2.90E-01	8.17E-01
TWSG1	0.14	5.98E-01	1.00E+00	0.25	2.90E-01	8.17E-01
SPIN2B	0.25	3.60E-01	1.00E+00	-0.30	2.90E-01	8.17E-01
METTL24	0.39	4.64E-01	1.00E+00	0.94	2.90E-01	8.17E-01
RPL31P2	-0.06	9.86E-01	1.00E+00	-0.82	2.90E-01	8.17E-01
IL10RB	-1.28	1.07E-01	1.00E+00	0.55	2.90E-01	8.17E-01
AL121845.4	-0.72	8.08E-01	1.00E+00	-1.68	2.90E-01	8.17E-01
TAF13	0.02	9.42E-01	1.00E+00	0.42	2.90E-01	8.17E-01
ACTR2	-0.02	8.98E-01	1.00E+00	0.20	2.90E-01	8.17E-01
NKX3-2	-3.43	3.44E-02	1.00E+00	1.50	2.90E-01	8.17E-01
AC004917.1	2.91	3.90E-01	1.00E+00	1.29	2.90E-01	8.17E-01
BORCS7	0.29	3.52E-01	1.00E+00	-0.34	2.90E-01	8.17E-01
GYG2	3.32	1.48E-02	7.61E-01	-0.90	2.90E-01	8.17E-01
AL451042.2	0.74	2.80E-01	1.00E+00	0.46	2.90E-01	8.17E-01
AC013264.1	-0.58	8.68E-01	1.00E+00	1.71	2.90E-01	8.17E-01
SCN7A	0.15	7.82E-01	1.00E+00	-0.51	2.91E-01	8.18E-01

ELMOD2	0.26	3.75E-01	1.00E+00	-0.32	2.91E-01	8.18E-01
PSPHP1	-0.48	8.67E-01	1.00E+00	3.32	2.91E-01	8.18E-01
AC078777.1	-0.90	4.43E-01	1.00E+00	0.98	2.91E-01	8.18E-01
AC119396.1	-0.83	5.68E-01	1.00E+00	1.61	2.91E-01	8.18E-01
LINC01060	-0.75	7.14E-01	1.00E+00	2.24	2.91E-01	8.18E-01
PRKCA	-0.77	1.71E-02	8.25E-01	0.44	2.91E-01	8.18E-01
AC016907.2	2.13	2.17E-01	1.00E+00	-1.07	2.91E-01	8.18E-01
GEN1	-0.19	5.69E-01	1.00E+00	0.51	2.91E-01	8.18E-01
LINC00189	-2.28	2.03E-01	1.00E+00	-0.71	2.91E-01	8.18E-01
EEF1A1	0.03	9.07E-01	1.00E+00	0.34	2.91E-01	8.18E-01
LINC00565	-1.60	1.76E-01	1.00E+00	1.47	2.91E-01	8.18E-01
AC007036.2	-0.19	9.12E-01	1.00E+00	1.20	2.91E-01	8.18E-01
DNAAF4	-1.39	5.40E-01	1.00E+00	0.89	2.91E-01	8.18E-01
FAM66C	0.13	7.76E-01	1.00E+00	-0.73	2.91E-01	8.18E-01
AC068620.3	0.19	9.05E-01	1.00E+00	-1.06	2.91E-01	8.18E-01
SUPT20H	0.18	4.91E-01	1.00E+00	0.20	2.91E-01	8.18E-01
STPG4	-2.21	1.08E-01	1.00E+00	1.06	2.91E-01	8.18E-01
PARP10	-0.20	6.48E-01	1.00E+00	0.89	2.91E-01	8.18E-01
CA2	-0.14	8.11E-01	1.00E+00	-0.46	2.91E-01	8.18E-01
MRPL21	0.01	9.41E-01	1.00E+00	-0.30	2.91E-01	8.18E-01
CHI3L1	-0.42	4.92E-01	1.00E+00	0.60	2.91E-01	8.18E-01
IMMP2L	-0.04	8.84E-01	1.00E+00	-0.39	2.91E-01	8.18E-01
ELP6	0.03	9.08E-01	1.00E+00	-0.23	2.91E-01	8.18E-01
CLDN8	0.19	5.78E-01	1.00E+00	-0.65	2.92E-01	8.18E-01
ZFP30	0.23	5.91E-01	1.00E+00	-0.50	2.92E-01	8.18E-01
AC092287.1	-1.46	2.33E-01	1.00E+00	-0.71	2.92E-01	8.18E-01
MRM1	0.52	1.31E-01	1.00E+00	-0.50	2.92E-01	8.18E-01
NIM1K	-0.66	1.04E-01	1.00E+00	0.70	2.92E-01	8.18E-01
TRAV23DV6	-0.19	9.56E-01	1.00E+00	1.54	2.92E-01	8.19E-01
LINC00865	0.39	6.97E-01	1.00E+00	0.91	2.92E-01	8.19E-01
RAD1	0.34	1.18E-01	1.00E+00	-0.28	2.92E-01	8.19E-01
ATP5PB	-0.04	8.25E-01	1.00E+00	-0.25	2.92E-01	8.19E-01

ATE1-AS1	-0.96	3.59E-01	1.00E+00	-1.00	2.92E-01	8.19E-01
SFXN4	-0.04	8.85E-01	1.00E+00	-0.26	2.92E-01	8.19E-01
RAP2C	0.02	9.28E-01	1.00E+00	0.21	2.92E-01	8.19E-01
RCC1	-0.53	4.54E-02	1.00E+00	0.37	2.92E-01	8.19E-01
PI4KAP2	0.40	4.20E-01	1.00E+00	0.83	2.92E-01	8.19E-01
AC055764.2	-1.12	6.30E-01	1.00E+00	-0.97	2.92E-01	8.19E-01
TMEM205	-0.31	2.54E-01	1.00E+00	-0.49	2.92E-01	8.19E-01
ZSCAN18	0.47	9.83E-02	1.00E+00	-0.66	2.92E-01	8.19E-01
DTNA	0.46	4.17E-01	1.00E+00	0.50	2.92E-01	8.19E-01
PAR6G-AS1	-0.57	1.39E-01	1.00E+00	-0.54	2.92E-01	8.19E-01
TRAC	-0.09	8.71E-01	1.00E+00	0.40	2.92E-01	8.19E-01
RABL2A	-0.18	5.24E-01	1.00E+00	-0.27	2.92E-01	8.19E-01
RNF144A	0.21	5.23E-01	1.00E+00	0.53	2.92E-01	8.19E-01
AC092953.2	1.16	1.36E-01	1.00E+00	0.67	2.92E-01	8.19E-01
DHRS13	-0.21	3.99E-01	1.00E+00	-0.48	2.92E-01	8.19E-01
DUSP28	0.01	9.73E-01	1.00E+00	-0.33	2.92E-01	8.19E-01
SLIT2	0.29	5.78E-01	1.00E+00	0.56	2.92E-01	8.19E-01
AC108010.1	-1.11	3.25E-02	1.00E+00	1.00	2.93E-01	8.19E-01
CELF5	-1.32	9.36E-02	1.00E+00	1.11	2.93E-01	8.19E-01
XLOC_007686	0.61	2.66E-01	1.00E+00	1.12	2.93E-01	8.19E-01
KIAA1958	-0.34	3.74E-01	1.00E+00	-0.41	2.93E-01	8.19E-01
SSB	-0.06	8.21E-01	1.00E+00	-0.23	2.93E-01	8.19E-01
RAB9B	-0.11	8.21E-01	1.00E+00	-0.56	2.93E-01	8.19E-01
METAP2	0.05	7.43E-01	1.00E+00	0.17	2.93E-01	8.19E-01
RPS28	-0.11	6.96E-01	1.00E+00	0.40	2.93E-01	8.19E-01
FTLP2	NA	NA	NA	-0.87	2.93E-01	8.19E-01
TTR	-3.99	6.04E-03	4.62E-01	1.08	2.93E-01	8.19E-01
SERHL2	0.44	4.81E-01	1.00E+00	-0.54	2.93E-01	8.19E-01
TG	-0.14	8.64E-01	1.00E+00	-0.82	2.93E-01	8.19E-01
XLOC_000972	-0.27	8.04E-01	1.00E+00	1.34	2.93E-01	8.19E-01
UCN	0.47	7.44E-01	1.00E+00	1.34	2.93E-01	8.19E-01
PEG10	0.00	9.95E-01	1.00E+00	0.57	2.93E-01	8.19E-01

FGF12	-0.20	8.22E-01	1.00E+00	-0.56	2.93E-01	8.19E-01
ACE	0.02	9.69E-01	1.00E+00	0.78	2.93E-01	8.19E-01
MOSPD3	0.12	6.98E-01	1.00E+00	-0.38	2.93E-01	8.19E-01
GGT7	0.13	5.32E-01	1.00E+00	0.42	2.93E-01	8.19E-01
DYNLRB1	-0.01	9.28E-01	1.00E+00	-0.17	2.93E-01	8.19E-01
LINC01614	0.90	7.96E-01	1.00E+00	1.96	2.93E-01	8.20E-01
CFAP53	-0.20	7.57E-01	1.00E+00	0.56	2.93E-01	8.20E-01
Z82206.1	-1.10	7.53E-01	1.00E+00	-0.86	2.94E-01	8.20E-01
AC000124.1	0.50	8.32E-01	1.00E+00	-2.48	2.94E-01	8.20E-01
ICAM1	-1.01	5.77E-02	1.00E+00	0.77	2.94E-01	8.20E-01
MAP9	0.41	4.44E-01	1.00E+00	0.40	2.94E-01	8.20E-01
ALKBH2	-0.13	4.64E-01	1.00E+00	-0.20	2.94E-01	8.21E-01
AC132872.2	-1.09	7.06E-01	1.00E+00	1.05	2.94E-01	8.21E-01
AC012358.3	-3.11	5.42E-02	1.00E+00	-0.67	2.94E-01	8.21E-01
SYT13	-1.94	7.25E-02	1.00E+00	0.97	2.94E-01	8.21E-01
RPL17P50	0.86	2.64E-01	1.00E+00	0.45	2.94E-01	8.21E-01
SRPRB	0.10	6.46E-01	1.00E+00	-0.18	2.94E-01	8.21E-01
G22228	0.55	5.47E-01	1.00E+00	1.24	2.94E-01	8.21E-01
CSNK1A1	-0.14	6.40E-01	1.00E+00	0.22	2.94E-01	8.21E-01
AC090425.1	-0.51	7.00E-01	1.00E+00	-0.64	2.94E-01	8.21E-01
RBX1	0.36	7.29E-02	1.00E+00	-0.35	2.94E-01	8.21E-01
RMDN3	0.11	6.86E-01	1.00E+00	-0.23	2.94E-01	8.21E-01
TGFA	0.18	6.83E-01	1.00E+00	0.49	2.95E-01	8.21E-01
TOP1	0.10	5.87E-01	1.00E+00	0.38	2.95E-01	8.21E-01
SLC1A7	1.00	7.21E-02	1.00E+00	0.77	2.95E-01	8.21E-01
DNAAF1	-1.14	3.34E-01	1.00E+00	-1.16	2.95E-01	8.21E-01
C21orf62	-1.63	4.03E-01	1.00E+00	-1.44	2.95E-01	8.21E-01
AL353194.1	0.84	2.92E-01	1.00E+00	-0.53	2.95E-01	8.21E-01
C12orf65	0.15	5.17E-01	1.00E+00	-0.21	2.95E-01	8.21E-01
ATP8B3	0.37	5.86E-01	1.00E+00	0.89	2.95E-01	8.21E-01
LYPD3	-0.32	5.47E-01	1.00E+00	0.62	2.95E-01	8.21E-01
ZNF462	-0.05	8.59E-01	1.00E+00	0.33	2.95E-01	8.21E-01

GABRA4	-1.95	1.34E-01	1.00E+00	-2.94	2.95E-01	8.21E-01
CCDC34	-0.04	8.51E-01	1.00E+00	-0.29	2.95E-01	8.21E-01
TMSB4XP2	NA	NA	NA	-0.78	2.95E-01	8.21E-01
CCDC150	0.73	4.43E-01	1.00E+00	0.68	2.95E-01	8.21E-01
ARHGAP25	0.17	6.46E-01	1.00E+00	0.63	2.95E-01	8.21E-01
ZNF354B	-0.32	3.37E-01	1.00E+00	-0.37	2.95E-01	8.21E-01
DNAJC27	0.26	4.78E-01	1.00E+00	-0.29	2.95E-01	8.21E-01
TLE1P1	0.83	6.25E-01	1.00E+00	-0.70	2.95E-01	8.21E-01
ZNF252P-AS1	2.60	1.53E-01	1.00E+00	1.26	2.95E-01	8.21E-01
SLC43A1	-0.02	9.60E-01	1.00E+00	0.41	2.95E-01	8.21E-01
CKAP4	-0.02	9.15E-01	1.00E+00	0.50	2.95E-01	8.21E-01
AC079467.1	0.97	2.98E-01	1.00E+00	1.55	2.95E-01	8.21E-01
VPS33A	0.05	8.32E-01	1.00E+00	0.21	2.95E-01	8.21E-01
RPL41	0.08	7.71E-01	1.00E+00	0.34	2.95E-01	8.21E-01
DHRS7B	-0.15	4.18E-01	1.00E+00	-0.29	2.95E-01	8.21E-01
FNDC10	-0.36	2.57E-01	1.00E+00	-0.66	2.95E-01	8.21E-01
ABHD17AP6	-1.33	4.43E-01	1.00E+00	-1.16	2.96E-01	8.21E-01
CSRP2	0.21	4.93E-01	1.00E+00	0.39	2.96E-01	8.21E-01
ADAM1B	1.42	1.29E-01	1.00E+00	-1.35	2.96E-01	8.21E-01
AP001434.1	0.44	8.99E-01	1.00E+00	1.60	2.96E-01	8.21E-01
SNX25	0.09	8.10E-01	1.00E+00	-0.53	2.96E-01	8.21E-01
EIF4EBP2	0.39	3.44E-02	1.00E+00	-0.25	2.96E-01	8.21E-01
RP11-566K19.6	-0.39	8.29E-01	1.00E+00	-1.11	2.96E-01	8.21E-01
AFMID	-0.30	1.60E-01	1.00E+00	0.25	2.96E-01	8.21E-01
GYG1	-0.25	1.90E-01	1.00E+00	0.20	2.96E-01	8.21E-01
ARMCX4	-0.15	6.03E-01	1.00E+00	0.50	2.96E-01	8.21E-01
AL139128.1	30.00	6.57E-18	5.54E-15	1.57	2.96E-01	8.21E-01
RP6-42F4.1	0.19	6.73E-01	1.00E+00	-0.37	2.96E-01	8.21E-01
BBOX1-AS1	0.93	5.19E-01	1.00E+00	0.67	2.96E-01	8.21E-01
XLOC_003471	-0.18	7.42E-01	1.00E+00	-0.54	2.96E-01	8.22E-01
DNAH7	-0.69	3.86E-01	1.00E+00	-0.97	2.96E-01	8.22E-01
AAR2	-0.03	9.02E-01	1.00E+00	0.16	2.96E-01	8.22E-01

FLJ37453	-0.07	7.86E-01	1.00E+00	-0.34	2.96E-01	8.22E-01
TRIM16	-0.22	4.39E-01	1.00E+00	0.25	2.96E-01	8.22E-01
ZNF335	-0.33	2.32E-01	1.00E+00	0.50	2.96E-01	8.22E-01
LMX1B	-0.39	4.11E-01	1.00E+00	0.72	2.96E-01	8.22E-01
ZNF572	0.05	9.49E-01	1.00E+00	-0.95	2.96E-01	8.22E-01
AC024560.2	-1.63	2.16E-01	1.00E+00	-1.45	2.96E-01	8.22E-01
RELA	-0.23	2.30E-01	1.00E+00	0.30	2.96E-01	8.22E-01
GPX1	0.29	5.14E-01	1.00E+00	0.41	2.96E-01	8.22E-01
ZNF614	-0.01	9.56E-01	1.00E+00	-0.21	2.96E-01	8.22E-01
STMP1	0.21	2.30E-01	1.00E+00	-0.35	2.97E-01	8.22E-01
ZNF788	0.54	2.16E-01	1.00E+00	-0.57	2.97E-01	8.22E-01
RPL12	-0.22	4.41E-01	1.00E+00	0.28	2.97E-01	8.22E-01
SYMPK	-0.35	1.37E-01	1.00E+00	0.68	2.97E-01	8.22E-01
AC012313.4	0.79	3.63E-01	1.00E+00	-0.87	2.97E-01	8.22E-01
NRSN2-AS1	-0.29	3.76E-01	1.00E+00	-0.35	2.97E-01	8.22E-01
HEMGN	0.56	8.71E-01	1.00E+00	-1.66	2.97E-01	8.22E-01
NUDT15	0.05	8.53E-01	1.00E+00	-0.21	2.97E-01	8.22E-01
ADI1	0.06	7.98E-01	1.00E+00	-0.31	2.97E-01	8.22E-01
PCNP	0.01	9.49E-01	1.00E+00	-0.26	2.97E-01	8.22E-01
GAS1RR	-0.23	6.18E-01	1.00E+00	-0.37	2.97E-01	8.22E-01
KAT2B	0.20	3.58E-01	1.00E+00	0.32	2.97E-01	8.22E-01
SLC25A37	-0.04	8.92E-01	1.00E+00	0.28	2.97E-01	8.22E-01
GOLGA7	0.20	3.67E-01	1.00E+00	-0.34	2.97E-01	8.22E-01
RP6-206I17.1	-0.18	6.80E-01	1.00E+00	0.29	2.97E-01	8.22E-01
KIT	0.45	3.97E-01	1.00E+00	-0.43	2.97E-01	8.22E-01
SERBP1	-0.09	6.86E-01	1.00E+00	0.16	2.97E-01	8.22E-01
MAP1A	-0.18	7.59E-01	1.00E+00	0.56	2.97E-01	8.22E-01
S100A10	0.10	6.54E-01	1.00E+00	-0.25	2.97E-01	8.22E-01
NPHP1	-0.14	6.95E-01	1.00E+00	-0.37	2.97E-01	8.22E-01
CHCHD2P6	0.82	1.69E-01	1.00E+00	0.60	2.97E-01	8.22E-01
RNF149	0.00	9.91E-01	1.00E+00	0.24	2.97E-01	8.22E-01
AC002401.4	NA	NA	NA	1.49	2.97E-01	8.22E-01

CCDC12	-0.06	8.16E-01	1.00E+00	0.26	2.97E-01	8.22E-01
AL136979.1	0.97	3.81E-01	1.00E+00	1.15	2.97E-01	8.22E-01
NBAT1	-1.38	6.12E-01	1.00E+00	1.31	2.97E-01	8.22E-01
TNFAIP8	0.34	2.81E-01	1.00E+00	-0.28	2.97E-01	8.22E-01
AC026691.1	0.35	5.49E-01	1.00E+00	0.92	2.97E-01	8.22E-01
G27759	-1.69	6.99E-03	5.09E-01	0.67	2.98E-01	8.22E-01
SIGLEC22P	0.38	7.88E-01	1.00E+00	1.42	2.98E-01	8.22E-01
FBXL12	-0.02	9.39E-01	1.00E+00	0.24	2.98E-01	8.22E-01
AL590627.1	-1.86	4.71E-01	1.00E+00	-1.04	2.98E-01	8.22E-01
POLR2B	0.20	3.51E-01	1.00E+00	0.17	2.98E-01	8.22E-01
AF213884.3	-2.87	2.65E-02	9.49E-01	0.94	2.98E-01	8.22E-01
AL139174.1	3.43	3.09E-01	1.00E+00	-1.14	2.98E-01	8.22E-01
ZNF510	0.29	4.23E-01	1.00E+00	0.38	2.98E-01	8.22E-01
ABCC10	0.01	9.65E-01	1.00E+00	0.61	2.98E-01	8.22E-01
AC005237.1	0.88	3.27E-01	1.00E+00	-1.24	2.98E-01	8.22E-01
LINC01534	-0.07	9.30E-01	1.00E+00	-0.71	2.98E-01	8.22E-01
DRP2	-0.21	8.32E-01	1.00E+00	-1.55	2.98E-01	8.22E-01
FBLN2	0.57	2.31E-01	1.00E+00	0.64	2.98E-01	8.22E-01
RPL10	-0.13	6.12E-01	1.00E+00	0.24	2.98E-01	8.22E-01
RPL31P11	0.43	9.03E-01	1.00E+00	-1.05	2.98E-01	8.22E-01
RHOA	0.07	7.19E-01	1.00E+00	-0.21	2.98E-01	8.22E-01
KAT6B	-0.05	8.46E-01	1.00E+00	-0.25	2.98E-01	8.22E-01
MRPL34	-0.13	4.39E-01	1.00E+00	-0.27	2.98E-01	8.22E-01
ALG11	-0.03	9.06E-01	1.00E+00	-0.27	2.98E-01	8.22E-01
CNN2	-0.18	3.06E-01	1.00E+00	0.33	2.98E-01	8.22E-01
GSDMA	-0.09	8.92E-01	1.00E+00	0.57	2.98E-01	8.22E-01
STAM2	-0.02	9.39E-01	1.00E+00	-0.15	2.98E-01	8.22E-01
SELENOM	-0.10	7.97E-01	1.00E+00	0.35	2.98E-01	8.22E-01
AC011498.1	0.91	4.93E-01	1.00E+00	-1.03	2.98E-01	8.22E-01
ZNF503-AS2	-0.24	5.67E-01	1.00E+00	0.42	2.98E-01	8.22E-01
HSD17B1P1	-0.45	3.78E-01	1.00E+00	1.16	2.98E-01	8.22E-01
AXIN1	-0.26	3.34E-01	1.00E+00	0.58	2.98E-01	8.22E-01

RHEB	0.27	1.54E-01	1.00E+00	-0.28	2.98E-01	8.22E-01
MTF1	0.15	5.17E-01	1.00E+00	0.20	2.99E-01	8.22E-01
GABARAP	-3.12	1.60E-01	1.00E+00	0.61	2.99E-01	8.22E-01
NAIP	-0.38	4.94E-01	1.00E+00	0.93	2.99E-01	8.22E-01
AP000688.1	0.34	7.25E-01	1.00E+00	-0.72	2.99E-01	8.22E-01
CCNG2	0.59	6.65E-02	1.00E+00	-0.43	2.99E-01	8.22E-01
AC116667.2	1.09	6.29E-01	1.00E+00	1.57	2.99E-01	8.22E-01
HLA-DOB	-0.66	1.42E-01	1.00E+00	0.53	2.99E-01	8.22E-01
CCDC162P	1.23	2.92E-01	1.00E+00	-0.84	2.99E-01	8.22E-01
CCDC87	-0.58	5.94E-01	1.00E+00	-1.35	2.99E-01	8.22E-01
ZNF530	0.39	1.42E-01	1.00E+00	-0.31	2.99E-01	8.22E-01
SEMA5A	-0.04	9.16E-01	1.00E+00	0.32	2.99E-01	8.22E-01
HGSNAT	0.09	7.50E-01	1.00E+00	-0.30	2.99E-01	8.22E-01
AC254633.1	0.44	4.65E-01	1.00E+00	0.81	2.99E-01	8.22E-01
Metazoa_SRP	-3.37	1.08E-01	1.00E+00	-1.12	2.99E-01	8.22E-01
UBP1	0.06	7.84E-01	1.00E+00	0.45	2.99E-01	8.22E-01
RHEBL1	0.46	1.28E-01	1.00E+00	0.46	2.99E-01	8.22E-01
HCFC1	-0.39	1.55E-01	1.00E+00	0.57	2.99E-01	8.22E-01
FRS2	-0.15	4.51E-01	1.00E+00	0.17	2.99E-01	8.22E-01
LRRC40	0.24	3.90E-01	1.00E+00	-0.26	2.99E-01	8.22E-01
NPM1P6	0.05	9.60E-01	1.00E+00	-0.50	2.99E-01	8.22E-01
ARV1	-0.13	5.55E-01	1.00E+00	-0.36	2.99E-01	8.22E-01
AC041040.1	0.85	4.44E-01	1.00E+00	1.50	2.99E-01	8.22E-01
RNU7-163P	0.12	9.71E-01	1.00E+00	1.12	2.99E-01	8.22E-01
AC005520.2	0.61	5.98E-02	1.00E+00	-0.60	2.99E-01	8.22E-01
G25680	-1.69	3.42E-01	1.00E+00	1.22	2.99E-01	8.22E-01
AC037459.2	0.29	5.90E-01	1.00E+00	-0.67	2.99E-01	8.22E-01
XPO4	-0.07	7.79E-01	1.00E+00	-0.30	2.99E-01	8.22E-01
SLC6A11	-0.51	2.82E-01	1.00E+00	0.65	2.99E-01	8.22E-01
FKBP9	0.23	4.28E-01	1.00E+00	0.31	2.99E-01	8.22E-01
HIST4H4	0.01	9.83E-01	1.00E+00	0.53	3.00E-01	8.22E-01
ATP5PD	0.13	5.07E-01	1.00E+00	-0.37	3.00E-01	8.22E-01

AL160313.1	-0.44	6.64E-01	1.00E+00	-0.61	3.00E-01	8.22E-01
ELMO3	-0.37	3.05E-01	1.00E+00	0.46	3.00E-01	8.22E-01
FBXW4	0.03	8.90E-01	1.00E+00	0.48	3.00E-01	8.22E-01
GCC2-AS1	-1.48	1.77E-01	1.00E+00	0.51	3.00E-01	8.22E-01
VAPA	0.06	7.54E-01	1.00E+00	-0.29	3.00E-01	8.22E-01
CFAP58-DT	-0.41	3.88E-01	1.00E+00	-0.51	3.00E-01	8.22E-01
RN7SL749P	0.36	9.17E-01	1.00E+00	1.26	3.00E-01	8.22E-01
SLC39A13	-0.07	7.84E-01	1.00E+00	0.32	3.00E-01	8.22E-01
AC112236.2	-0.02	9.84E-01	1.00E+00	0.78	3.00E-01	8.22E-01
ZNF813	0.32	2.06E-01	1.00E+00	0.34	3.00E-01	8.22E-01
PSMC1P1	-0.01	9.87E-01	1.00E+00	-0.31	3.00E-01	8.22E-01
ARMC12	0.80	4.80E-01	1.00E+00	1.13	3.00E-01	8.22E-01
GDF3	-3.47	1.73E-01	1.00E+00	1.40	3.00E-01	8.22E-01
PDZD4	-0.80	3.93E-02	1.00E+00	0.80	3.00E-01	8.22E-01
CTD-3222D19.7	-0.48	6.60E-01	1.00E+00	0.80	3.00E-01	8.22E-01
PCDHGA6	-0.14	6.71E-01	1.00E+00	-0.43	3.00E-01	8.22E-01
TMEM74	0.05	9.34E-01	1.00E+00	-0.58	3.00E-01	8.22E-01
ZIC2	-0.92	2.43E-01	1.00E+00	1.23	3.00E-01	8.22E-01
MCU	0.26	4.45E-01	1.00E+00	-0.26	3.00E-01	8.22E-01
CLSTN2	0.23	6.74E-01	1.00E+00	-0.69	3.00E-01	8.22E-01
AL391834.1	-0.14	9.33E-01	1.00E+00	0.84	3.00E-01	8.22E-01
PAQR5	-0.08	7.38E-01	1.00E+00	0.40	3.00E-01	8.22E-01
ETFDH	0.27	2.02E-01	1.00E+00	-0.29	3.00E-01	8.22E-01
EDNRA	0.09	8.35E-01	1.00E+00	0.40	3.00E-01	8.22E-01
AGAP4	0.11	9.19E-01	1.00E+00	-0.65	3.01E-01	8.22E-01
NDUFA6-DT	0.22	5.57E-01	1.00E+00	0.52	3.01E-01	8.22E-01
NEDD4	0.33	2.72E-01	1.00E+00	0.31	3.01E-01	8.22E-01
PIAS4	-0.03	8.93E-01	1.00E+00	0.36	3.01E-01	8.22E-01
RGS22	0.60	1.19E-01	1.00E+00	-0.76	3.01E-01	8.22E-01
TTC21A	-0.66	3.99E-01	1.00E+00	0.75	3.01E-01	8.22E-01
TBC1D1	-0.06	8.70E-01	1.00E+00	0.56	3.01E-01	8.23E-01
PSMA5	-0.03	8.47E-01	1.00E+00	0.18	3.01E-01	8.23E-01

AC005839.1	0.58	3.74E-01	1.00E+00	0.52	3.01E-01	8.23E-01
SH3BGRL3	-0.28	3.11E-01	1.00E+00	0.30	3.01E-01	8.23E-01
ZNF131	-0.10	5.67E-01	1.00E+00	-0.18	3.01E-01	8.23E-01
VTI1A	-0.08	6.02E-01	1.00E+00	-0.17	3.01E-01	8.23E-01
AC009831.1	0.32	7.18E-01	1.00E+00	0.67	3.01E-01	8.23E-01
MCMBP	-0.13	5.79E-01	1.00E+00	-0.47	3.01E-01	8.23E-01
AC092168.2	-2.06	4.77E-01	1.00E+00	1.99	3.01E-01	8.23E-01
AC104438.1	0.90	7.01E-01	1.00E+00	-1.20	3.01E-01	8.23E-01
LMBR1L	0.14	6.91E-01	1.00E+00	0.32	3.01E-01	8.23E-01
AL354811.1	0.44	8.99E-01	1.00E+00	1.10	3.01E-01	8.23E-01
BSDC1	0.00	9.90E-01	1.00E+00	0.22	3.01E-01	8.23E-01
OR7E7P	0.37	7.24E-01	1.00E+00	-1.20	3.01E-01	8.23E-01
FAM86GP	0.38	6.62E-01	1.00E+00	0.86	3.01E-01	8.23E-01
PSME2P2	0.56	8.71E-01	1.00E+00	0.72	3.01E-01	8.23E-01
MAPRE3	0.14	6.37E-01	1.00E+00	-0.27	3.01E-01	8.23E-01
ZSWIM3	0.63	1.52E-01	1.00E+00	0.55	3.01E-01	8.23E-01
RBM25	-0.03	8.72E-01	1.00E+00	0.23	3.01E-01	8.23E-01
AC015912.3	-0.13	8.94E-01	1.00E+00	0.50	3.01E-01	8.23E-01
FAM189B	-0.27	3.05E-01	1.00E+00	0.69	3.02E-01	8.23E-01
ANKRD49	0.04	8.35E-01	1.00E+00	-0.40	3.02E-01	8.23E-01
AC009686.1	0.56	8.71E-01	1.00E+00	1.21	3.02E-01	8.23E-01
MRGPRX3	-0.18	9.37E-01	1.00E+00	2.11	3.02E-01	8.23E-01
AC135983.3	0.63	8.23E-01	1.00E+00	1.00	3.02E-01	8.23E-01
MED17	0.50	2.77E-01	1.00E+00	0.36	3.02E-01	8.23E-01
PCED1B	-0.26	5.80E-01	1.00E+00	0.48	3.02E-01	8.23E-01
FRG1JP	0.03	9.47E-01	1.00E+00	-0.33	3.02E-01	8.23E-01
CNTF	-0.76	3.28E-01	1.00E+00	0.74	3.02E-01	8.23E-01
XLOC_002554	0.02	9.65E-01	1.00E+00	0.81	3.02E-01	8.23E-01
AL135905.1	0.38	5.85E-01	1.00E+00	-0.75	3.02E-01	8.23E-01
AL157827.2	-1.31	2.72E-01	1.00E+00	1.04	3.02E-01	8.23E-01
PANO1	0.63	5.02E-01	1.00E+00	1.14	3.02E-01	8.23E-01
AP1B1	-0.09	7.15E-01	1.00E+00	0.44	3.02E-01	8.23E-01

WASH5P	0.04	9.64E-01	1.00E+00	0.48	3.02E-01	8.23E-01
ZFAND4	-0.06	8.74E-01	1.00E+00	-0.45	3.02E-01	8.23E-01
PCDHGB8P	-1.73	2.73E-01	1.00E+00	-1.22	3.02E-01	8.23E-01
GIMAP4	0.46	4.17E-01	1.00E+00	0.45	3.02E-01	8.23E-01
SLED1	0.98	1.88E-01	1.00E+00	0.98	3.02E-01	8.23E-01
LINC02289	0.01	9.94E-01	1.00E+00	-0.81	3.02E-01	8.23E-01
GRIN2C	-0.33	6.42E-01	1.00E+00	0.83	3.02E-01	8.23E-01
C12orf45	0.08	7.24E-01	1.00E+00	-0.36	3.02E-01	8.23E-01
EIF4G2	-0.07	7.67E-01	1.00E+00	0.19	3.02E-01	8.23E-01
AP003548.1	2.02	1.78E-01	1.00E+00	-0.84	3.02E-01	8.23E-01
GIMAP8	0.59	2.12E-01	1.00E+00	0.54	3.02E-01	8.23E-01
AL590617.1	-1.25	7.16E-01	1.00E+00	-1.78	3.02E-01	8.23E-01
C20orf96	-0.27	5.57E-01	1.00E+00	0.35	3.02E-01	8.23E-01
EGFL6	0.89	4.65E-01	1.00E+00	0.79	3.02E-01	8.23E-01
PRR16	0.67	2.91E-01	1.00E+00	0.70	3.03E-01	8.23E-01
LINC01270	-1.32	4.75E-01	1.00E+00	-1.11	3.03E-01	8.23E-01
RSF1	0.06	7.20E-01	1.00E+00	0.20	3.03E-01	8.23E-01
C12orf10	-0.17	4.77E-01	1.00E+00	0.25	3.03E-01	8.23E-01
PELP1	-0.05	7.86E-01	1.00E+00	0.53	3.03E-01	8.23E-01
MAF	-0.19	6.23E-01	1.00E+00	0.35	3.03E-01	8.23E-01
AC233723.1	-1.92	2.08E-02	8.94E-01	-0.56	3.03E-01	8.23E-01
AC009163.6	-0.25	6.43E-01	1.00E+00	-0.75	3.03E-01	8.23E-01
ZNF184	0.24	4.10E-01	1.00E+00	-0.47	3.03E-01	8.23E-01
AL445363.3	2.30	4.29E-02	1.00E+00	-0.39	3.03E-01	8.23E-01
LINC01697	1.38	2.37E-01	1.00E+00	-1.01	3.03E-01	8.23E-01
LINC00462	-0.32	7.56E-01	1.00E+00	0.86	3.03E-01	8.23E-01
HAUS3	0.30	3.90E-01	1.00E+00	-0.25	3.03E-01	8.23E-01
LINC01612	3.14	2.11E-01	1.00E+00	-1.16	3.03E-01	8.23E-01
NAGPA	-0.17	4.51E-01	1.00E+00	0.38	3.03E-01	8.23E-01
AC084824.5	-0.43	7.86E-01	1.00E+00	-0.90	3.03E-01	8.23E-01
ALKBH5	0.07	6.91E-01	1.00E+00	-0.36	3.03E-01	8.23E-01
CRHBP	-0.16	8.75E-01	1.00E+00	-0.93	3.03E-01	8.23E-01

ZNF385B	0.32	4.72E-01	1.00E+00	0.65	3.03E-01	8.23E-01
MACC1	0.19	6.11E-01	1.00E+00	-0.59	3.03E-01	8.23E-01
C11orf58	0.10	5.83E-01	1.00E+00	-0.28	3.03E-01	8.23E-01
RN7SL473P	1.86	1.85E-01	1.00E+00	0.83	3.03E-01	8.24E-01
SKP1	0.19	1.69E-01	1.00E+00	-0.44	3.04E-01	8.24E-01
G29778	0.03	9.68E-01	1.00E+00	-0.72	3.04E-01	8.24E-01
ZNF512B	-0.34	2.28E-01	1.00E+00	0.88	3.04E-01	8.24E-01
SAMD15	-1.78	1.78E-02	8.38E-01	0.90	3.04E-01	8.24E-01
STAB2	-0.61	5.34E-01	1.00E+00	1.19	3.04E-01	8.24E-01
IGFBP6	0.77	2.74E-01	1.00E+00	0.59	3.04E-01	8.24E-01
RPL13AP25	-0.08	8.35E-01	1.00E+00	-0.58	3.04E-01	8.24E-01
BRPF3	-0.33	9.44E-02	1.00E+00	0.58	3.04E-01	8.24E-01
G12855	1.55	3.53E-01	1.00E+00	1.49	3.04E-01	8.24E-01
SUCLA2-AS1	-0.33	7.47E-01	1.00E+00	-0.49	3.04E-01	8.24E-01
6-Sep	0.01	9.74E-01	1.00E+00	0.38	3.04E-01	8.24E-01
AC005076.1	0.88	3.24E-01	1.00E+00	-0.67	3.04E-01	8.24E-01
G1863	-0.49	6.99E-01	1.00E+00	1.26	3.04E-01	8.24E-01
IRF2BP1	-0.15	5.03E-01	1.00E+00	0.64	3.04E-01	8.24E-01
OAF	0.29	6.12E-01	1.00E+00	0.76	3.04E-01	8.24E-01
SMG1P2	-0.18	7.48E-01	1.00E+00	-0.51	3.04E-01	8.24E-01
PLCD3	-0.02	9.41E-01	1.00E+00	0.48	3.04E-01	8.24E-01
MAP3K7CL	0.22	6.43E-01	1.00E+00	0.34	3.04E-01	8.24E-01
AL137013.1	3.52	6.75E-02	1.00E+00	-1.00	3.04E-01	8.24E-01
UBN1	-0.08	6.34E-01	1.00E+00	0.43	3.04E-01	8.24E-01
C17orf64	-1.70	5.55E-01	1.00E+00	1.36	3.04E-01	8.24E-01
TBC1D2B	0.29	2.62E-01	1.00E+00	0.56	3.04E-01	8.24E-01
AC068389.3	3.21	3.42E-01	1.00E+00	0.98	3.04E-01	8.24E-01
CELSR3	-1.26	1.66E-03	2.25E-01	1.16	3.04E-01	8.24E-01
XLOC_003261	1.02	3.01E-01	1.00E+00	-0.96	3.04E-01	8.24E-01
SALL3	-1.24	4.22E-01	1.00E+00	-1.97	3.05E-01	8.24E-01
PATZ1	0.11	7.04E-01	1.00E+00	0.53	3.05E-01	8.24E-01
XLOC_012011	-0.52	6.45E-01	1.00E+00	0.81	3.05E-01	8.24E-01

SPART	0.22	2.41E-01	1.00E+00	-0.25	3.05E-01	8.24E-01
CCS	-0.17	3.83E-01	1.00E+00	0.18	3.05E-01	8.25E-01
TNFSF12	0.11	7.77E-01	1.00E+00	0.47	3.05E-01	8.25E-01
ALG5	0.08	6.78E-01	1.00E+00	-0.29	3.05E-01	8.25E-01
LINC01134	-1.99	1.60E-01	1.00E+00	-1.09	3.05E-01	8.25E-01
AC005064.1	0.30	6.98E-01	1.00E+00	-1.06	3.05E-01	8.25E-01
PJA1	0.28	2.87E-01	1.00E+00	-0.22	3.05E-01	8.25E-01
BTN2A2	0.02	9.26E-01	1.00E+00	0.42	3.05E-01	8.25E-01
PGBD2	-0.56	1.11E-01	1.00E+00	-0.33	3.05E-01	8.25E-01
SYNGR1	-0.34	1.54E-01	1.00E+00	-0.29	3.05E-01	8.25E-01
MYCBP	0.19	3.35E-01	1.00E+00	-0.28	3.05E-01	8.25E-01
LIG3	-0.26	2.14E-01	1.00E+00	-0.34	3.05E-01	8.25E-01
SERPINB9P1	-0.32	7.84E-01	1.00E+00	0.96	3.05E-01	8.25E-01
AC079447.1	-1.30	7.03E-01	1.00E+00	0.73	3.05E-01	8.25E-01
MGST2	0.11	5.84E-01	1.00E+00	-0.35	3.05E-01	8.25E-01
LINC00710	2.91	3.57E-01	1.00E+00	-1.51	3.06E-01	8.25E-01
RAB14	0.19	2.65E-01	1.00E+00	-0.24	3.06E-01	8.25E-01
NRSN2	-0.20	5.67E-01	1.00E+00	0.27	3.06E-01	8.25E-01
RBMXP4	0.63	6.02E-01	1.00E+00	1.00	3.06E-01	8.25E-01
FAM219A	-0.17	4.49E-01	1.00E+00	0.53	3.06E-01	8.26E-01
ZDHHC14	-0.37	2.45E-01	1.00E+00	0.45	3.06E-01	8.26E-01
TMSB4XP1	-1.34	6.97E-01	1.00E+00	-0.64	3.06E-01	8.26E-01
AC005180.2	-2.16	1.24E-02	6.93E-01	0.85	3.06E-01	8.26E-01
AC016586.1	-0.18	8.60E-01	1.00E+00	0.93	3.06E-01	8.26E-01
A4GALT	0.35	2.90E-01	1.00E+00	0.71	3.06E-01	8.26E-01
TNK2-AS1	-1.83	7.73E-02	1.00E+00	0.84	3.06E-01	8.26E-01
TRIP11	-0.13	6.20E-01	1.00E+00	-0.22	3.06E-01	8.26E-01
DAAM1	0.21	5.11E-01	1.00E+00	-0.35	3.06E-01	8.26E-01
EYA3	0.08	7.58E-01	1.00E+00	0.32	3.06E-01	8.26E-01
PRKAG1	0.00	9.98E-01	1.00E+00	0.16	3.06E-01	8.26E-01
AC103706.1	1.86	3.90E-01	1.00E+00	1.42	3.06E-01	8.26E-01
MTRF2	0.02	9.78E-01	1.00E+00	0.50	3.07E-01	8.26E-01

ATP2B1-AS1	-0.42	3.87E-01	1.00E+00	0.28	3.07E-01	8.26E-01
G9514	-3.20	1.56E-01	1.00E+00	-1.13	3.07E-01	8.26E-01
G7242	0.37	6.93E-01	1.00E+00	-0.47	3.07E-01	8.26E-01
MET	0.08	8.43E-01	1.00E+00	-0.32	3.07E-01	8.26E-01
MYL6B	-0.08	7.45E-01	1.00E+00	0.23	3.07E-01	8.26E-01
GJA1	-0.19	6.52E-01	1.00E+00	0.42	3.07E-01	8.26E-01
LINC02572	0.48	6.11E-01	1.00E+00	-1.28	3.07E-01	8.26E-01
HLA-DMA	-0.52	1.29E-01	1.00E+00	0.35	3.07E-01	8.26E-01
AC005229.4	-0.52	2.81E-01	1.00E+00	-0.51	3.07E-01	8.26E-01
DNAH12	-2.30	3.18E-01	1.00E+00	1.13	3.07E-01	8.27E-01
MRPS31	0.06	7.05E-01	1.00E+00	-0.29	3.07E-01	8.27E-01
AC011468.5	-2.13	4.73E-01	1.00E+00	-1.15	3.07E-01	8.27E-01
EPB41L1	0.12	7.80E-01	1.00E+00	0.40	3.07E-01	8.27E-01
CEP68	0.09	7.55E-01	1.00E+00	-0.25	3.07E-01	8.27E-01
PCDH15	4.69	2.17E-02	8.94E-01	-1.55	3.07E-01	8.27E-01
ERCC3	0.00	9.88E-01	1.00E+00	-0.17	3.07E-01	8.27E-01
ZNF136	0.19	4.94E-01	1.00E+00	0.39	3.07E-01	8.27E-01
LIN7C	0.28	3.80E-01	1.00E+00	-0.45	3.07E-01	8.27E-01
FBXO41	-0.33	1.52E-01	1.00E+00	0.86	3.07E-01	8.27E-01
LAMP1	0.02	9.22E-01	1.00E+00	0.52	3.07E-01	8.27E-01
SESN3	0.18	7.01E-01	1.00E+00	0.37	3.07E-01	8.27E-01
TST	0.07	8.22E-01	1.00E+00	0.37	3.08E-01	8.27E-01
CASS4	0.19	7.37E-01	1.00E+00	0.83	3.08E-01	8.27E-01
MAN1C1	0.04	9.02E-01	1.00E+00	0.51	3.08E-01	8.27E-01
FAM107B	0.24	4.67E-01	1.00E+00	-0.27	3.08E-01	8.27E-01
G22771	-0.95	3.21E-01	1.00E+00	-0.70	3.08E-01	8.27E-01
GGCT	-0.19	7.11E-01	1.00E+00	0.53	3.08E-01	8.28E-01
RASGRF2	0.46	5.00E-01	1.00E+00	0.54	3.08E-01	8.28E-01
LHFPL6	0.64	7.70E-02	1.00E+00	0.43	3.08E-01	8.28E-01
TTC5	0.22	3.26E-01	1.00E+00	-0.31	3.08E-01	8.28E-01
LINC01268	0.66	6.10E-01	1.00E+00	1.50	3.08E-01	8.28E-01
SERBP1P5	0.26	7.09E-01	1.00E+00	-0.36	3.08E-01	8.28E-01

FIBIN	0.66	1.75E-01	1.00E+00	0.41	3.08E-01	8.28E-01
FETUB	-0.08	9.25E-01	1.00E+00	0.85	3.08E-01	8.28E-01
PYHIN1	-0.98	2.84E-01	1.00E+00	1.00	3.08E-01	8.28E-01
TMBIM6	0.28	1.35E-01	1.00E+00	-0.26	3.08E-01	8.28E-01
DCTPP1	0.07	7.58E-01	1.00E+00	-0.26	3.08E-01	8.28E-01
LINC00968	0.23	7.16E-01	1.00E+00	-0.69	3.08E-01	8.28E-01
BATF3	-0.42	3.03E-01	1.00E+00	0.78	3.08E-01	8.28E-01
TMEM61	-0.01	9.87E-01	1.00E+00	-0.55	3.08E-01	8.28E-01
HOXB4	0.38	3.80E-01	1.00E+00	0.61	3.08E-01	8.28E-01
METTL13	0.28	6.69E-02	1.00E+00	0.29	3.08E-01	8.28E-01
SP9	0.51	4.79E-01	1.00E+00	-0.88	3.09E-01	8.28E-01
AC002128.1	4.51	1.19E-01	1.00E+00	-1.02	3.09E-01	8.28E-01
PAF1	0.13	5.33E-01	1.00E+00	0.26	3.09E-01	8.28E-01
CD200	0.29	6.79E-01	1.00E+00	0.41	3.09E-01	8.28E-01
RNF227	0.02	9.77E-01	1.00E+00	-0.49	3.09E-01	8.28E-01
PRKCB	-0.39	1.00E-01	1.00E+00	-0.41	3.09E-01	8.28E-01
EVI2A	0.20	7.85E-01	1.00E+00	0.44	3.09E-01	8.28E-01
LAIR1	1.32	1.20E-01	1.00E+00	0.73	3.09E-01	8.28E-01
CARD8-AS1	0.64	2.17E-01	1.00E+00	0.66	3.09E-01	8.28E-01
CIAPIN1	0.03	8.61E-01	1.00E+00	-0.19	3.09E-01	8.28E-01
ENTPD1	0.09	7.71E-01	1.00E+00	0.44	3.09E-01	8.28E-01
HCN3	-0.55	5.46E-02	1.00E+00	-0.59	3.09E-01	8.28E-01
RAMP2	0.19	6.97E-01	1.00E+00	-0.44	3.09E-01	8.28E-01
MRPL52	-0.14	5.26E-01	1.00E+00	-0.28	3.09E-01	8.28E-01
RGS17	0.38	7.61E-01	1.00E+00	0.86	3.09E-01	8.28E-01
ADGRF3	0.00	9.97E-01	1.00E+00	1.04	3.09E-01	8.28E-01
BAG5	0.00	9.98E-01	1.00E+00	-0.21	3.09E-01	8.28E-01
LAMA5	-0.39	2.70E-01	1.00E+00	0.74	3.09E-01	8.28E-01
FGF17	-0.10	8.82E-01	1.00E+00	-1.63	3.09E-01	8.29E-01
MT-CO3	-0.11	8.12E-01	1.00E+00	-0.33	3.09E-01	8.29E-01
CHEK1	-0.14	5.51E-01	1.00E+00	0.27	3.09E-01	8.29E-01
NFE2L1	-0.05	7.64E-01	1.00E+00	0.54	3.10E-01	8.29E-01

H3F3B	-0.22	4.35E-01	1.00E+00	-0.40	3.10E-01	8.29E-01
KLHDC7B	-2.29	9.80E-02	1.00E+00	3.18	3.10E-01	8.29E-01
FOXD2	-0.36	6.15E-01	1.00E+00	0.77	3.10E-01	8.29E-01
TEKT3	0.28	6.47E-01	1.00E+00	-0.72	3.10E-01	8.29E-01
AL031775.1	2.57	1.04E-01	1.00E+00	-0.87	3.10E-01	8.29E-01
RER1	0.13	4.15E-01	1.00E+00	-0.23	3.10E-01	8.29E-01
LINC00674	0.09	8.02E-01	1.00E+00	-0.32	3.10E-01	8.29E-01
NFKBIB	0.01	9.79E-01	1.00E+00	0.41	3.10E-01	8.29E-01
FZD6	0.20	4.65E-01	1.00E+00	-0.24	3.10E-01	8.29E-01
LY6E-DT	0.16	7.88E-01	1.00E+00	0.55	3.10E-01	8.29E-01
SNORD3B-1	0.62	6.07E-01	1.00E+00	-0.84	3.10E-01	8.29E-01
PPP1R1B	0.36	6.33E-01	1.00E+00	-0.68	3.10E-01	8.29E-01
DGAT2L6	0.70	8.28E-01	1.00E+00	-3.19	3.10E-01	8.29E-01
SNRNP48	0.04	8.91E-01	1.00E+00	-0.22	3.10E-01	8.29E-01
ZNF106	0.40	2.26E-01	1.00E+00	-0.30	3.10E-01	8.29E-01
TAF2	0.02	9.25E-01	1.00E+00	-0.16	3.10E-01	8.29E-01
ELK1	-0.22	3.03E-01	1.00E+00	0.34	3.10E-01	8.29E-01
PGLYRP2	-1.80	1.31E-01	1.00E+00	0.97	3.10E-01	8.29E-01
AC025809.2	NA	NA	NA	-2.14	3.10E-01	8.29E-01
SKAP1	0.28	6.38E-01	1.00E+00	0.37	3.10E-01	8.29E-01
XLOC_014155	-0.31	9.09E-01	1.00E+00	-1.29	3.10E-01	8.29E-01
APLF	-0.02	9.66E-01	1.00E+00	-0.33	3.11E-01	8.29E-01
AC016582.3	0.06	8.95E-01	1.00E+00	-0.73	3.11E-01	8.29E-01
SEMA3E	0.12	8.39E-01	1.00E+00	-0.66	3.11E-01	8.29E-01
XLOC_007942	0.70	6.68E-01	1.00E+00	0.96	3.11E-01	8.29E-01
AL031587.5	-0.58	4.98E-01	1.00E+00	0.86	3.11E-01	8.29E-01
HSPA7	-1.17	1.91E-01	1.00E+00	0.69	3.11E-01	8.29E-01
RAB32	0.10	7.33E-01	1.00E+00	-0.52	3.11E-01	8.29E-01
IFITM2	-0.18	6.27E-01	1.00E+00	0.37	3.11E-01	8.29E-01
AL158050.1	1.52	5.47E-01	1.00E+00	-0.76	3.11E-01	8.29E-01
ATF6	0.00	9.91E-01	1.00E+00	-0.12	3.11E-01	8.29E-01
LSM6	0.28	1.85E-01	1.00E+00	-0.31	3.11E-01	8.29E-01

CROCCP2	0.37	4.24E-01	1.00E+00	0.57	3.11E-01	8.29E-01
KNDC1	-2.78	3.46E-06	1.15E-03	1.22	3.11E-01	8.30E-01
AL049634.1	0.25	9.42E-01	1.00E+00	2.12	3.11E-01	8.30E-01
RXRB	0.18	4.57E-01	1.00E+00	0.46	3.11E-01	8.30E-01
PFN2	-0.19	6.68E-01	1.00E+00	-0.32	3.11E-01	8.30E-01
LAMP5	0.15	8.21E-01	1.00E+00	0.70	3.11E-01	8.30E-01
SLC25A25	-0.98	1.76E-01	1.00E+00	0.58	3.11E-01	8.30E-01
SMAD5-AS1	-0.03	9.83E-01	1.00E+00	-0.94	3.11E-01	8.30E-01
ARMC7	0.01	9.59E-01	1.00E+00	0.38	3.11E-01	8.30E-01
AC079210.1	-2.45	2.73E-01	1.00E+00	1.24	3.11E-01	8.30E-01
MYH16	-2.32	2.42E-01	1.00E+00	1.12	3.11E-01	8.30E-01
AL138831.1	3.12	3.46E-01	1.00E+00	1.26	3.11E-01	8.30E-01
ZBTB45	-0.08	7.40E-01	1.00E+00	0.35	3.12E-01	8.30E-01
TDO2	-1.64	1.10E-01	1.00E+00	3.18	3.12E-01	8.30E-01
RPL19	-0.20	4.67E-01	1.00E+00	0.23	3.12E-01	8.30E-01
USP13	0.34	2.31E-01	1.00E+00	-0.35	3.12E-01	8.30E-01
GNAI1	0.22	4.91E-01	1.00E+00	-0.30	3.12E-01	8.30E-01
MSL2	-0.03	9.01E-01	1.00E+00	-0.36	3.12E-01	8.30E-01
G10958	-2.03	3.72E-02	1.00E+00	0.67	3.12E-01	8.30E-01
AL591845.1	-0.45	4.66E-01	1.00E+00	0.76	3.12E-01	8.30E-01
DAB1	-1.00	1.92E-01	1.00E+00	-1.07	3.12E-01	8.30E-01
HNRNPA3	-0.04	8.36E-01	1.00E+00	0.38	3.12E-01	8.30E-01
ASB1	0.43	3.43E-01	1.00E+00	0.41	3.12E-01	8.30E-01
RUSC1	-0.24	3.03E-01	1.00E+00	0.25	3.12E-01	8.30E-01
TRDJ1	0.67	8.43E-01	1.00E+00	-1.19	3.12E-01	8.30E-01
EDA2R	0.13	7.77E-01	1.00E+00	0.76	3.12E-01	8.30E-01
PPP2CA	0.02	9.56E-01	1.00E+00	-0.29	3.12E-01	8.30E-01
GNG12	0.03	9.08E-01	1.00E+00	-0.26	3.12E-01	8.30E-01
KARSP2	-1.41	2.79E-01	1.00E+00	-1.41	3.12E-01	8.30E-01
STMN1	-0.23	2.27E-01	1.00E+00	-0.30	3.12E-01	8.30E-01
USP34	0.00	9.94E-01	1.00E+00	0.39	3.12E-01	8.30E-01
AC092427.1	-1.78	6.06E-01	1.00E+00	-1.48	3.12E-01	8.30E-01

KIF20A	0.16	6.56E-01	1.00E+00	0.60	3.12E-01	8.31E-01
DYNC1I2P1	-0.26	6.32E-01	1.00E+00	0.22	3.13E-01	8.31E-01
AC024075.3	0.29	6.08E-01	1.00E+00	0.65	3.13E-01	8.31E-01
XLOC_010311	0.23	6.38E-01	1.00E+00	-1.05	3.13E-01	8.31E-01
PRKACB	-0.08	8.60E-01	1.00E+00	-0.30	3.13E-01	8.31E-01
SLC9A4	-0.06	9.06E-01	1.00E+00	-0.93	3.13E-01	8.31E-01
BTBD19	0.59	3.36E-01	1.00E+00	0.76	3.13E-01	8.31E-01
C19orf12	0.28	2.90E-01	1.00E+00	-0.40	3.13E-01	8.31E-01
LINC00982	-0.78	1.35E-01	1.00E+00	-1.02	3.13E-01	8.31E-01
RPS6KA4	-0.34	2.63E-01	1.00E+00	0.69	3.13E-01	8.31E-01
AC022400.7	0.22	6.42E-01	1.00E+00	-0.41	3.13E-01	8.31E-01
ZNF548	0.20	3.12E-01	1.00E+00	-0.23	3.13E-01	8.31E-01
KCNN4	0.05	9.65E-01	1.00E+00	-0.51	3.13E-01	8.31E-01
AC116353.5	-2.57	1.10E-01	1.00E+00	0.82	3.13E-01	8.31E-01
AC005332.5	0.49	4.52E-01	1.00E+00	0.67	3.13E-01	8.31E-01
HDAC3	0.11	5.33E-01	1.00E+00	-0.19	3.13E-01	8.31E-01
TPTEP2	0.25	5.65E-01	1.00E+00	0.28	3.13E-01	8.32E-01
RRP36	-0.22	3.22E-01	1.00E+00	-0.55	3.13E-01	8.32E-01
KCNA2	0.09	9.02E-01	1.00E+00	-1.12	3.14E-01	8.32E-01
STK26	-0.13	7.37E-01	1.00E+00	-0.32	3.14E-01	8.32E-01
PRRX1	-0.03	9.41E-01	1.00E+00	0.64	3.14E-01	8.32E-01
DAD1	-0.01	9.33E-01	1.00E+00	-0.31	3.14E-01	8.32E-01
XLOC_009615	-0.03	9.85E-01	1.00E+00	-1.49	3.14E-01	8.32E-01
RPL21P120	2.75	3.93E-01	1.00E+00	-0.64	3.14E-01	8.32E-01
ROBO3	0.28	5.68E-01	1.00E+00	0.53	3.14E-01	8.32E-01
ZNF148	0.14	5.09E-01	1.00E+00	-0.17	3.14E-01	8.32E-01
GPR4	-0.50	4.10E-01	1.00E+00	0.79	3.14E-01	8.32E-01
AC026471.1	-0.21	6.03E-01	1.00E+00	0.47	3.14E-01	8.32E-01
IPO7	0.16	3.38E-01	1.00E+00	0.38	3.14E-01	8.32E-01
ZNF511	0.57	8.14E-02	1.00E+00	-0.32	3.14E-01	8.32E-01
AC004890.1	-2.54	4.56E-01	1.00E+00	-0.68	3.14E-01	8.32E-01
COL8A2	-0.12	7.80E-01	1.00E+00	0.61	3.14E-01	8.32E-01

TUBGCP4	0.00	9.90E-01	1.00E+00	-0.21	3.14E-01	8.32E-01
MINK1	-0.19	4.90E-01	1.00E+00	0.61	3.14E-01	8.32E-01
NAT10	0.01	9.68E-01	1.00E+00	-0.31	3.14E-01	8.32E-01
SOCS7	0.35	3.51E-01	1.00E+00	0.43	3.14E-01	8.32E-01
AC007533.1	1.94	5.51E-01	1.00E+00	-1.26	3.14E-01	8.32E-01
NXT2	0.07	8.28E-01	1.00E+00	-0.41	3.14E-01	8.32E-01
RUVBL2	-0.24	2.18E-01	1.00E+00	0.16	3.14E-01	8.32E-01
CA5B	0.18	6.03E-01	1.00E+00	0.37	3.15E-01	8.33E-01
NT5DC1	-0.32	1.60E-01	1.00E+00	-0.19	3.15E-01	8.33E-01
LOXL1	-0.16	7.43E-01	1.00E+00	0.73	3.15E-01	8.33E-01
CHMP1B2P	-0.96	2.35E-01	1.00E+00	-0.73	3.15E-01	8.33E-01
GPR63	-0.99	6.30E-02	1.00E+00	-0.81	3.15E-01	8.33E-01
CSGALNACT1	0.30	4.60E-01	1.00E+00	0.47	3.15E-01	8.33E-01
CXorf38	-0.02	9.13E-01	1.00E+00	0.26	3.15E-01	8.33E-01
LPO	-0.09	9.44E-01	1.00E+00	1.53	3.15E-01	8.33E-01
C9orf153	-1.90	5.50E-01	1.00E+00	-1.28	3.15E-01	8.33E-01
HMGXB3	-0.15	5.29E-01	1.00E+00	0.56	3.15E-01	8.33E-01
CCL23	0.08	8.97E-01	1.00E+00	0.64	3.15E-01	8.33E-01
TLL1	0.14	7.31E-01	1.00E+00	0.42	3.15E-01	8.33E-01
KCNF1	-3.56	2.07E-03	2.39E-01	1.74	3.15E-01	8.33E-01
CHMP2A	-0.05	7.49E-01	1.00E+00	-0.15	3.15E-01	8.33E-01
AC092809.3	-1.07	5.40E-01	1.00E+00	-0.68	3.15E-01	8.33E-01
HNRNPH3	-0.07	7.16E-01	1.00E+00	-0.16	3.15E-01	8.34E-01
ZCCHC17	0.00	9.95E-01	1.00E+00	-0.22	3.15E-01	8.34E-01
GDPD1	-0.23	5.95E-01	1.00E+00	-0.58	3.15E-01	8.34E-01
AP3D1	-0.08	6.98E-01	1.00E+00	0.48	3.16E-01	8.34E-01
TUBB1	0.44	6.73E-01	1.00E+00	-1.34	3.16E-01	8.34E-01
CDC23	0.03	8.58E-01	1.00E+00	-0.28	3.16E-01	8.34E-01
PGBD4	0.13	7.61E-01	1.00E+00	0.43	3.16E-01	8.34E-01
LMAN2	-0.05	7.79E-01	1.00E+00	0.17	3.16E-01	8.34E-01
ZNF217	-0.25	2.68E-01	1.00E+00	0.38	3.16E-01	8.34E-01
MORN2	0.02	9.22E-01	1.00E+00	-0.37	3.16E-01	8.34E-01

NNT	0.17	7.08E-01	1.00E+00	-0.28	3.16E-01	8.34E-01
IDH1-AS1	-0.12	9.11E-01	1.00E+00	-0.76	3.16E-01	8.34E-01
PEA15	0.10	5.89E-01	1.00E+00	0.26	3.16E-01	8.34E-01
SNAP91	-0.92	7.84E-01	1.00E+00	1.47	3.16E-01	8.34E-01
G36419	-3.45	3.63E-02	1.00E+00	-0.86	3.16E-01	8.34E-01
PCBP2	-0.06	8.01E-01	1.00E+00	0.32	3.16E-01	8.34E-01
PMS1	-0.26	4.16E-01	1.00E+00	-0.39	3.16E-01	8.34E-01
LRIG2	-0.02	9.32E-01	1.00E+00	-0.25	3.16E-01	8.34E-01
LDLRAD2	0.77	1.36E-01	1.00E+00	0.86	3.16E-01	8.34E-01
ZSCAN16	-0.23	4.82E-01	1.00E+00	-0.40	3.16E-01	8.34E-01
ZNF609	-0.38	1.10E-01	1.00E+00	0.61	3.16E-01	8.34E-01
ALG6	0.09	7.64E-01	1.00E+00	-0.38	3.16E-01	8.34E-01
HIST2H2BF	-0.91	2.05E-01	1.00E+00	-0.68	3.16E-01	8.34E-01
LINC01150	-1.12	3.41E-01	1.00E+00	1.05	3.16E-01	8.34E-01
AC114488.2	1.64	6.29E-02	1.00E+00	0.68	3.16E-01	8.34E-01
TTC1	-0.01	9.42E-01	1.00E+00	-0.32	3.17E-01	8.35E-01
AC005083.1	0.39	2.79E-01	1.00E+00	-0.71	3.17E-01	8.35E-01
G16361	-4.77	1.55E-01	1.00E+00	0.69	3.17E-01	8.35E-01
AD000090.1	0.13	6.83E-01	1.00E+00	-0.99	3.17E-01	8.35E-01
CD99L2	0.59	2.12E-01	1.00E+00	0.53	3.17E-01	8.35E-01
SMC5	-0.24	3.01E-01	1.00E+00	-0.24	3.17E-01	8.35E-01
MIR22HG	-0.08	7.87E-01	1.00E+00	0.27	3.17E-01	8.35E-01
VSIG8	0.29	6.85E-01	1.00E+00	-0.91	3.17E-01	8.35E-01
CEP78	-0.53	2.38E-03	2.47E-01	-0.27	3.17E-01	8.35E-01
SERPINC1	0.54	7.42E-01	1.00E+00	1.28	3.17E-01	8.35E-01
AC006042.4	-2.16	1.93E-01	1.00E+00	0.74	3.17E-01	8.35E-01
CYTOR	-0.18	7.49E-01	1.00E+00	0.41	3.17E-01	8.35E-01
EIF1P3	1.35	6.96E-01	1.00E+00	-0.78	3.17E-01	8.35E-01
DUSP15	-0.30	5.34E-01	1.00E+00	0.79	3.17E-01	8.35E-01
XLOC_006870	-0.34	5.64E-01	1.00E+00	-0.95	3.17E-01	8.35E-01
AP001267.3	-3.26	3.69E-02	1.00E+00	-1.06	3.17E-01	8.35E-01
MAOB	0.74	1.66E-01	1.00E+00	-0.51	3.17E-01	8.35E-01

AC125437.1	-0.87	3.81E-01	1.00E+00	0.99	3.17E-01	8.35E-01
CYP3A7	-0.53	8.66E-01	1.00E+00	-1.08	3.17E-01	8.35E-01
NRAS	0.05	8.59E-01	1.00E+00	0.16	3.17E-01	8.35E-01
FMO4	0.23	5.33E-01	1.00E+00	0.40	3.17E-01	8.35E-01
TFF3	0.14	6.95E-01	1.00E+00	0.54	3.17E-01	8.35E-01
LINC01285	-0.99	6.66E-01	1.00E+00	-1.54	3.18E-01	8.35E-01
WNT2B	0.30	3.68E-01	1.00E+00	-0.53	3.18E-01	8.35E-01
TTBK1	-2.19	4.79E-01	1.00E+00	1.52	3.18E-01	8.35E-01
AP000462.2	NA	NA	NA	-1.73	3.18E-01	8.35E-01
IFFO2	-0.15	7.82E-01	1.00E+00	0.59	3.18E-01	8.35E-01
ANGPTL7	-0.86	2.09E-01	1.00E+00	0.88	3.18E-01	8.35E-01
ZCCHC3	0.25	2.81E-01	1.00E+00	0.46	3.18E-01	8.35E-01
ZBTB34	0.36	1.26E-01	1.00E+00	0.35	3.18E-01	8.35E-01
LINC02256	0.31	7.05E-01	1.00E+00	-0.44	3.18E-01	8.35E-01
CALM1	0.03	8.61E-01	1.00E+00	-0.24	3.18E-01	8.35E-01
AL391807.1	-0.65	6.97E-01	1.00E+00	-1.55	3.18E-01	8.35E-01
EHD3	-0.55	7.47E-02	1.00E+00	0.51	3.18E-01	8.35E-01
TYRP1	0.59	3.80E-01	1.00E+00	0.83	3.18E-01	8.35E-01
FAM86JP	-0.16	7.13E-01	1.00E+00	0.40	3.18E-01	8.35E-01
AP002954.1	-1.11	4.93E-01	1.00E+00	1.21	3.18E-01	8.35E-01
AL356479.1	-0.53	5.75E-01	1.00E+00	-0.74	3.18E-01	8.35E-01
ENY2	0.13	4.46E-01	1.00E+00	-0.22	3.18E-01	8.35E-01
KATNA1	0.02	9.37E-01	1.00E+00	-0.29	3.18E-01	8.35E-01
LINC02001	-0.36	2.58E-01	1.00E+00	-0.40	3.18E-01	8.35E-01
AC092171.3	-0.43	7.68E-02	1.00E+00	0.78	3.18E-01	8.35E-01
TFAP2B	-0.38	2.55E-01	1.00E+00	-0.47	3.18E-01	8.35E-01
OR7E22P	-2.86	1.48E-02	7.62E-01	0.96	3.18E-01	8.35E-01
RPL27A	-0.18	5.05E-01	1.00E+00	0.31	3.18E-01	8.35E-01
XLOC_012077	0.19	8.71E-01	1.00E+00	-0.99	3.18E-01	8.35E-01
HOXD11	1.07	5.06E-01	1.00E+00	1.30	3.18E-01	8.35E-01
GOLGA8A	0.21	7.84E-01	1.00E+00	0.70	3.18E-01	8.35E-01
SEMA4G	-0.65	1.04E-01	1.00E+00	0.57	3.18E-01	8.35E-01

PLBD1	-0.06	8.55E-01	1.00E+00	0.27	3.18E-01	8.35E-01
AC084809.1	-1.40	2.23E-01	1.00E+00	0.66	3.18E-01	8.35E-01
COA7	-0.06	8.13E-01	1.00E+00	0.35	3.18E-01	8.35E-01
IL2RB	0.12	6.98E-01	1.00E+00	0.70	3.18E-01	8.35E-01
BMS1P16	-3.07	3.54E-01	1.00E+00	0.81	3.18E-01	8.35E-01
CRCT1	0.54	3.93E-01	1.00E+00	0.76	3.18E-01	8.35E-01
SNX1	0.05	7.88E-01	1.00E+00	0.15	3.19E-01	8.35E-01
NFKBIA	-0.82	1.62E-01	1.00E+00	0.42	3.19E-01	8.35E-01
Z73417.1	-1.14	2.71E-01	1.00E+00	1.03	3.19E-01	8.35E-01
SLC22A15	0.14	7.76E-01	1.00E+00	-0.47	3.19E-01	8.35E-01
DUSP10	-0.01	9.68E-01	1.00E+00	0.26	3.19E-01	8.35E-01
C10orf82	0.39	6.50E-01	1.00E+00	-0.92	3.19E-01	8.35E-01
DUSP2	-1.70	4.31E-02	1.00E+00	-0.53	3.19E-01	8.35E-01
AC106786.2	-2.00	2.55E-01	1.00E+00	0.84	3.19E-01	8.35E-01
RPP25	-0.07	8.10E-01	1.00E+00	0.42	3.19E-01	8.35E-01
CYP7B1	-0.26	5.11E-01	1.00E+00	0.35	3.19E-01	8.35E-01
RPS7P10	-0.76	4.12E-01	1.00E+00	-0.48	3.19E-01	8.35E-01
MTM1	0.06	7.95E-01	1.00E+00	-0.28	3.19E-01	8.35E-01
AL049776.1	0.89	5.90E-01	1.00E+00	0.98	3.19E-01	8.35E-01
CCDC25	0.06	7.70E-01	1.00E+00	-0.18	3.19E-01	8.35E-01
G3632	1.53	9.18E-02	1.00E+00	-0.89	3.19E-01	8.35E-01
FOXP4-AS1	0.42	8.44E-01	1.00E+00	-1.36	3.19E-01	8.35E-01
DCTN4	0.06	7.15E-01	1.00E+00	0.17	3.19E-01	8.35E-01
AC097532.2	-0.20	8.20E-01	1.00E+00	0.72	3.19E-01	8.35E-01
CACUL1	0.24	2.81E-01	1.00E+00	0.25	3.19E-01	8.35E-01
VWA7	-0.39	3.02E-01	1.00E+00	-0.82	3.19E-01	8.35E-01
MAGI3	-0.18	6.18E-01	1.00E+00	-0.35	3.19E-01	8.35E-01
LINC00327	0.26	6.34E-01	1.00E+00	-0.69	3.20E-01	8.35E-01
BNIP2	0.21	3.40E-01	1.00E+00	-0.24	3.20E-01	8.35E-01
ZNF629	-0.41	1.38E-01	1.00E+00	0.51	3.20E-01	8.35E-01
ZNF391	0.81	1.03E-01	1.00E+00	-0.51	3.20E-01	8.35E-01
AL731566.1	0.04	9.79E-01	1.00E+00	0.69	3.20E-01	8.35E-01

KATNB1	-0.22	4.50E-01	1.00E+00	0.22	3.20E-01	8.35E-01
PKD1P6	-0.92	3.17E-02	1.00E+00	0.70	3.20E-01	8.35E-01
LSM12P1	-0.69	5.19E-01	1.00E+00	-0.32	3.20E-01	8.35E-01
ARHGEF28	-0.07	7.01E-01	1.00E+00	-0.31	3.20E-01	8.35E-01
FAM90A1	1.17	1.35E-01	1.00E+00	1.06	3.20E-01	8.35E-01
RAPGEF6	0.09	7.89E-01	1.00E+00	0.39	3.20E-01	8.35E-01
MED24	-0.08	7.26E-01	1.00E+00	0.39	3.20E-01	8.35E-01
CORIN	-0.04	9.70E-01	1.00E+00	0.65	3.20E-01	8.35E-01
PATL2	-1.23	1.56E-01	1.00E+00	0.82	3.20E-01	8.35E-01
SH3BGR	-3.06	1.23E-01	1.00E+00	-0.76	3.20E-01	8.35E-01
TROVE2	0.11	6.35E-01	1.00E+00	-0.41	3.20E-01	8.35E-01
UQCRB	0.09	7.13E-01	1.00E+00	-0.22	3.20E-01	8.35E-01
AC007681.1	0.45	5.80E-01	1.00E+00	-0.80	3.20E-01	8.35E-01
FAM177B	1.55	3.58E-01	1.00E+00	0.77	3.20E-01	8.36E-01
TRMT112P6	-0.20	9.53E-01	1.00E+00	-0.74	3.20E-01	8.36E-01
AC009226.1	0.33	7.98E-01	1.00E+00	0.59	3.20E-01	8.36E-01
AC139491.5	0.63	6.96E-01	1.00E+00	1.59	3.20E-01	8.36E-01
MMP8	3.60	2.65E-01	1.00E+00	-1.27	3.20E-01	8.36E-01
ELK4	0.01	9.69E-01	1.00E+00	0.22	3.20E-01	8.36E-01
LINC02345	-0.28	6.83E-01	1.00E+00	-0.59	3.20E-01	8.36E-01
ICAM2	0.14	7.70E-01	1.00E+00	0.47	3.21E-01	8.36E-01
NDUFB2-AS1	-0.56	7.02E-01	1.00E+00	-0.67	3.21E-01	8.36E-01
C3	0.62	1.49E-01	1.00E+00	0.67	3.21E-01	8.36E-01
DNAJC19P5	-1.44	5.34E-02	1.00E+00	1.30	3.21E-01	8.36E-01
TNRC6C	-0.25	4.58E-01	1.00E+00	0.46	3.21E-01	8.36E-01
LINC00840	-1.00	2.22E-01	1.00E+00	-0.80	3.21E-01	8.36E-01
G42332	-1.46	2.24E-01	1.00E+00	1.20	3.21E-01	8.36E-01
LINC02334	-1.30	7.06E-01	1.00E+00	-1.20	3.21E-01	8.36E-01
SATB1	0.29	2.08E-01	1.00E+00	0.28	3.21E-01	8.36E-01
LRRFIP1P1	-2.17	3.99E-02	1.00E+00	0.57	3.21E-01	8.36E-01
AC008840.1	0.46	8.93E-01	1.00E+00	-1.69	3.21E-01	8.36E-01
CDC40	0.15	5.19E-01	1.00E+00	0.18	3.21E-01	8.36E-01

AC079921.1	-2.39	8.56E-02	1.00E+00	-1.21	3.21E-01	8.36E-01
MOSMO	0.46	1.36E-01	1.00E+00	-0.30	3.21E-01	8.36E-01
SH3BGRL2	0.67	1.59E-01	1.00E+00	-0.36	3.21E-01	8.36E-01
CXCL13	-4.09	1.68E-01	1.00E+00	3.12	3.21E-01	8.36E-01
AC114284.1	-1.52	4.85E-01	1.00E+00	1.31	3.21E-01	8.36E-01
IRAK4	-0.01	9.74E-01	1.00E+00	0.24	3.21E-01	8.36E-01
ZNF599	0.05	8.14E-01	1.00E+00	-0.41	3.21E-01	8.36E-01
ELK3	0.03	9.16E-01	1.00E+00	0.39	3.21E-01	8.36E-01
AC010320.1	-0.03	9.85E-01	1.00E+00	1.16	3.21E-01	8.36E-01
AC011477.3	1.47	1.57E-01	1.00E+00	0.71	3.21E-01	8.36E-01
IGLV1-47	7.45	2.69E-04	6.07E-02	3.12	3.21E-01	8.36E-01
KCNIP3	0.39	4.06E-01	1.00E+00	0.50	3.21E-01	8.36E-01
FAM193A	-0.29	2.08E-01	1.00E+00	0.43	3.21E-01	8.36E-01
TEX30	0.38	2.61E-01	1.00E+00	-0.41	3.21E-01	8.36E-01
LRRC8D	-0.26	3.69E-01	1.00E+00	0.39	3.21E-01	8.36E-01
TSKU	-0.16	4.49E-01	1.00E+00	-0.30	3.21E-01	8.36E-01
LRRC43	-1.22	6.45E-02	1.00E+00	0.62	3.22E-01	8.36E-01
MRC1L1	0.14	8.32E-01	1.00E+00	0.68	3.22E-01	8.36E-01
RPSAP61	-2.28	5.05E-01	1.00E+00	-0.89	3.22E-01	8.36E-01
MIEN1	0.08	7.10E-01	1.00E+00	-0.38	3.22E-01	8.36E-01
SMARCA5	0.17	5.42E-01	1.00E+00	0.22	3.22E-01	8.36E-01
AC005180.1	0.05	9.60E-01	1.00E+00	0.96	3.22E-01	8.36E-01
LMNA	-0.32	2.41E-01	1.00E+00	0.23	3.22E-01	8.36E-01
GCNT3	0.23	9.18E-01	1.00E+00	1.57	3.22E-01	8.36E-01
ASNS	-0.24	5.13E-01	1.00E+00	-0.19	3.22E-01	8.36E-01
UNC5A	-0.91	3.79E-01	1.00E+00	1.57	3.22E-01	8.36E-01
SNHG26	-0.49	3.42E-01	1.00E+00	0.62	3.22E-01	8.36E-01
NUDT14	-0.11	7.05E-01	1.00E+00	0.26	3.22E-01	8.36E-01
CHEK2	-0.18	5.25E-01	1.00E+00	0.26	3.22E-01	8.36E-01
ZNF17	-0.20	5.26E-01	1.00E+00	0.28	3.22E-01	8.36E-01
SLC2A6	-0.08	8.89E-01	1.00E+00	0.94	3.22E-01	8.36E-01
SPATA12	-0.64	5.47E-01	1.00E+00	0.93	3.22E-01	8.36E-01

AC002064.2	3.45	8.10E-02	1.00E+00	1.56	3.22E-01	8.36E-01
ALKBH3	-0.11	4.97E-01	1.00E+00	-0.21	3.22E-01	8.36E-01
PCMT1	0.02	9.04E-01	1.00E+00	-0.33	3.22E-01	8.36E-01
HTATIP2	0.05	8.35E-01	1.00E+00	-0.28	3.22E-01	8.36E-01
PARP4	0.05	8.25E-01	1.00E+00	0.34	3.22E-01	8.36E-01
LINC00475	-0.72	4.36E-01	1.00E+00	-0.80	3.22E-01	8.36E-01
POLR2A	-0.48	3.31E-02	1.00E+00	0.45	3.22E-01	8.36E-01
PLCL2	0.42	2.16E-01	1.00E+00	0.73	3.22E-01	8.36E-01
TRGV2	-1.03	7.60E-01	1.00E+00	1.55	3.22E-01	8.36E-01
NANP	0.15	5.03E-01	1.00E+00	-0.29	3.23E-01	8.36E-01
DPP9	-0.14	5.44E-01	1.00E+00	0.47	3.23E-01	8.36E-01
GANAB	-0.09	6.44E-01	1.00E+00	0.39	3.23E-01	8.36E-01
SLC25A51	0.30	2.90E-01	1.00E+00	-0.37	3.23E-01	8.36E-01
CLEC17A	-2.98	3.79E-01	1.00E+00	-1.67	3.23E-01	8.36E-01
TUBA8	-0.55	7.21E-01	1.00E+00	1.05	3.23E-01	8.37E-01
TP53TG1	0.02	9.03E-01	1.00E+00	-0.35	3.23E-01	8.37E-01
SENP6	-0.04	8.62E-01	1.00E+00	-0.26	3.23E-01	8.37E-01
DNTTIP2	-0.18	3.38E-01	1.00E+00	-0.27	3.23E-01	8.37E-01
TFAP4	-0.05	8.44E-01	1.00E+00	0.39	3.23E-01	8.37E-01
MRPS26	0.03	8.87E-01	1.00E+00	-0.20	3.23E-01	8.37E-01
CYP2T1P	-0.19	5.92E-01	1.00E+00	0.34	3.23E-01	8.37E-01
CNOT6	0.18	4.92E-01	1.00E+00	0.37	3.23E-01	8.37E-01
MAP3K14-AS1	-0.95	4.99E-02	1.00E+00	-0.54	3.23E-01	8.37E-01
SIN3A	-0.10	5.97E-01	1.00E+00	0.29	3.23E-01	8.37E-01
AL162386.2	0.26	9.20E-01	1.00E+00	-1.29	3.23E-01	8.37E-01
HUS1B	-1.73	7.69E-02	1.00E+00	-0.76	3.23E-01	8.37E-01
IDO2	1.44	4.12E-01	1.00E+00	-1.60	3.23E-01	8.37E-01
TSNARE1	-0.55	9.84E-02	1.00E+00	-0.50	3.23E-01	8.37E-01
ZNF443	0.29	5.81E-01	1.00E+00	-0.34	3.23E-01	8.37E-01
AC012676.3	-3.46	1.96E-01	1.00E+00	-1.15	3.23E-01	8.37E-01
KCTD14	-1.93	1.04E-01	1.00E+00	-0.53	3.23E-01	8.37E-01
NPC2	-0.08	7.15E-01	1.00E+00	0.26	3.23E-01	8.37E-01

OSTF1	0.08	7.21E-01	1.00E+00	-0.16	3.23E-01	8.37E-01
FKBP7	0.12	7.45E-01	1.00E+00	0.34	3.23E-01	8.37E-01
HIP1	-0.12	5.72E-01	1.00E+00	0.35	3.23E-01	8.37E-01
RBBP7	0.02	9.32E-01	1.00E+00	-0.26	3.24E-01	8.37E-01
CINP	-0.01	9.47E-01	1.00E+00	0.16	3.24E-01	8.37E-01
ZNRD1	0.36	2.73E-01	1.00E+00	-0.25	3.24E-01	8.37E-01
MAGI1-IT1	0.24	8.00E-01	1.00E+00	-0.94	3.24E-01	8.37E-01
RPL21P119	-0.24	7.42E-01	1.00E+00	-0.56	3.24E-01	8.37E-01
WNT10B	-0.15	7.90E-01	1.00E+00	-0.42	3.24E-01	8.37E-01
UQCRFS1P1	-0.69	1.42E-01	1.00E+00	0.38	3.24E-01	8.37E-01
TRPM1	-0.26	7.08E-01	1.00E+00	0.63	3.24E-01	8.37E-01
SWAP70	0.33	1.06E-01	1.00E+00	-0.19	3.24E-01	8.37E-01
EXOSC5	0.00	9.89E-01	1.00E+00	0.22	3.24E-01	8.37E-01
TM4SF19	-2.37	4.86E-01	1.00E+00	1.21	3.24E-01	8.37E-01
ZNF776	0.07	7.32E-01	1.00E+00	-0.26	3.24E-01	8.37E-01
TMEM132B	0.02	9.51E-01	1.00E+00	-0.53	3.24E-01	8.38E-01
FABP5P2	0.24	8.98E-01	1.00E+00	0.54	3.24E-01	8.38E-01
BLOC1S4	-0.24	3.71E-01	1.00E+00	-0.57	3.24E-01	8.38E-01
PHF20L1	0.11	5.71E-01	1.00E+00	-0.25	3.24E-01	8.38E-01
ARGLU1	-0.19	5.08E-01	1.00E+00	0.18	3.24E-01	8.38E-01
MEPCE	-0.20	2.13E-01	1.00E+00	0.43	3.24E-01	8.38E-01
DCHS2	0.16	7.65E-01	1.00E+00	0.82	3.25E-01	8.38E-01
PARP12	-0.10	8.45E-01	1.00E+00	0.65	3.25E-01	8.38E-01
BMP7	-0.02	9.71E-01	1.00E+00	-0.48	3.25E-01	8.38E-01
PEG13	-0.54	3.59E-01	1.00E+00	0.97	3.25E-01	8.38E-01
ZNF718	0.39	6.09E-01	1.00E+00	-0.45	3.25E-01	8.38E-01
NSDHL	-0.28	3.31E-01	1.00E+00	-0.14	3.25E-01	8.38E-01
MAST2	-0.28	3.43E-01	1.00E+00	0.53	3.25E-01	8.38E-01
MED18	-0.21	3.56E-01	1.00E+00	0.34	3.25E-01	8.38E-01
SDAD1	-0.03	8.59E-01	1.00E+00	-0.20	3.25E-01	8.38E-01
CSF2	-0.32	8.80E-01	1.00E+00	1.07	3.25E-01	8.38E-01
AL365436.1	-2.12	3.51E-01	1.00E+00	-1.00	3.25E-01	8.38E-01

EFHC2	0.16	7.50E-01	1.00E+00	-0.60	3.25E-01	8.38E-01
G25089	0.39	7.17E-01	1.00E+00	-0.86	3.25E-01	8.39E-01
G5146	0.49	3.92E-01	1.00E+00	0.63	3.25E-01	8.39E-01
AC007318.1	0.37	4.83E-01	1.00E+00	-0.39	3.25E-01	8.39E-01
IMP3	0.03	9.03E-01	1.00E+00	-0.37	3.25E-01	8.39E-01
POU3F3	-0.62	3.73E-01	1.00E+00	-0.81	3.26E-01	8.39E-01
ANKS1A	0.05	8.06E-01	1.00E+00	0.30	3.26E-01	8.39E-01
PDLIM1	-0.16	4.58E-01	1.00E+00	0.15	3.26E-01	8.39E-01
MDFIC	0.37	1.22E-01	1.00E+00	-0.52	3.26E-01	8.39E-01
KDM1B	-0.06	8.54E-01	1.00E+00	0.44	3.26E-01	8.39E-01
NME3	-0.05	8.18E-01	1.00E+00	0.21	3.26E-01	8.39E-01
EHP1	0.14	7.18E-01	1.00E+00	-0.31	3.26E-01	8.39E-01
SLC6A20	-0.41	5.74E-01	1.00E+00	1.20	3.26E-01	8.39E-01
ZNF14	0.40	3.53E-01	1.00E+00	-0.37	3.26E-01	8.39E-01
CXXC1	-0.16	4.83E-01	1.00E+00	0.30	3.26E-01	8.39E-01
RPL35P1	0.87	7.38E-01	1.00E+00	-0.85	3.26E-01	8.39E-01
CPSF7	-0.46	6.76E-02	1.00E+00	0.24	3.26E-01	8.39E-01
RUNX3	-0.62	6.53E-02	1.00E+00	0.57	3.26E-01	8.39E-01
RASSF10	-0.25	3.65E-01	1.00E+00	0.75	3.26E-01	8.39E-01
PTCD3	0.11	5.71E-01	1.00E+00	-0.21	3.26E-01	8.40E-01
FAM27A	-0.66	4.31E-01	1.00E+00	-0.65	3.26E-01	8.40E-01
ADGRA3	-0.02	9.48E-01	1.00E+00	-0.46	3.26E-01	8.40E-01
GABRQ	-0.53	2.89E-01	1.00E+00	0.80	3.26E-01	8.40E-01
PSTPIP2	0.04	9.14E-01	1.00E+00	0.36	3.26E-01	8.40E-01
ENG	-0.33	3.77E-01	1.00E+00	0.55	3.27E-01	8.40E-01
SIMC1	-0.22	4.62E-01	1.00E+00	-0.62	3.27E-01	8.40E-01
CFAP46	0.25	7.63E-01	1.00E+00	0.87	3.27E-01	8.40E-01
AC099548.2	-0.07	9.35E-01	1.00E+00	0.48	3.27E-01	8.40E-01
G37023	-0.46	7.83E-01	1.00E+00	1.41	3.27E-01	8.40E-01
AQP7	3.43	1.03E-02	6.32E-01	-0.84	3.27E-01	8.40E-01
SYCE3	0.84	4.32E-01	1.00E+00	-0.65	3.27E-01	8.40E-01
HABP4	0.01	9.80E-01	1.00E+00	-0.65	3.27E-01	8.40E-01

EPS15	0.05	7.81E-01	1.00E+00	-0.17	3.27E-01	8.40E-01
LINC00506	-0.07	9.58E-01	1.00E+00	1.09	3.27E-01	8.40E-01
ORAI3	0.34	2.57E-01	1.00E+00	-0.34	3.27E-01	8.40E-01
GOLGA4	-0.31	2.82E-01	1.00E+00	-0.29	3.27E-01	8.40E-01
AC022898.2	-0.54	8.75E-01	1.00E+00	-1.74	3.27E-01	8.40E-01
JADE1	0.16	3.79E-01	1.00E+00	-0.32	3.27E-01	8.40E-01
GINS1	-0.28	4.07E-01	1.00E+00	0.47	3.27E-01	8.40E-01
RIOK3	0.07	7.44E-01	1.00E+00	-0.17	3.27E-01	8.40E-01
SFRP1	0.88	2.41E-01	1.00E+00	0.55	3.27E-01	8.40E-01
ZP1	0.63	6.52E-01	1.00E+00	-1.13	3.27E-01	8.40E-01
XLOC_002440	-2.37	2.36E-01	1.00E+00	0.91	3.27E-01	8.40E-01
FGF13	-0.10	8.84E-01	1.00E+00	-0.62	3.27E-01	8.40E-01
ARMC6	-0.19	4.39E-01	1.00E+00	0.32	3.27E-01	8.40E-01
RRP9	-0.16	5.11E-01	1.00E+00	0.24	3.27E-01	8.40E-01
SRPX2	1.74	1.32E-02	7.22E-01	0.62	3.27E-01	8.40E-01
CLEC4G	0.61	3.19E-01	1.00E+00	0.81	3.27E-01	8.40E-01
AC004148.2	0.48	7.39E-01	1.00E+00	1.14	3.28E-01	8.40E-01
MOB3C	0.32	3.54E-01	1.00E+00	0.47	3.28E-01	8.40E-01
AC138150.2	0.43	7.36E-01	1.00E+00	0.74	3.28E-01	8.40E-01
PTEN	0.03	8.81E-01	1.00E+00	-0.47	3.28E-01	8.40E-01
KIAA1109	-0.10	6.32E-01	1.00E+00	0.35	3.28E-01	8.40E-01
NKAPL	0.37	5.02E-01	1.00E+00	-0.42	3.28E-01	8.40E-01
CNNM1	-0.87	9.35E-04	1.56E-01	-0.51	3.28E-01	8.40E-01
FAM19A3	-2.10	7.63E-02	1.00E+00	1.07	3.28E-01	8.40E-01
CCM2	-0.12	5.72E-01	1.00E+00	0.48	3.28E-01	8.40E-01
LINC01278	-0.03	9.43E-01	1.00E+00	-0.20	3.28E-01	8.40E-01
CCDC32	0.36	2.52E-01	1.00E+00	0.30	3.28E-01	8.40E-01
KRT87P	1.08	5.66E-01	1.00E+00	-1.39	3.28E-01	8.40E-01
TAL1	0.51	2.81E-01	1.00E+00	0.79	3.28E-01	8.40E-01
CXXC4	-0.23	8.42E-01	1.00E+00	-0.63	3.28E-01	8.40E-01
ZNF343	0.13	5.99E-01	1.00E+00	0.25	3.28E-01	8.40E-01
AL031667.3	-1.72	1.23E-01	1.00E+00	0.80	3.28E-01	8.40E-01

INIP	0.26	1.94E-01	1.00E+00	-0.30	3.28E-01	8.40E-01
MDC1	-0.48	1.65E-02	8.08E-01	0.38	3.28E-01	8.40E-01
TREML1	-0.76	6.24E-01	1.00E+00	0.88	3.28E-01	8.41E-01
XLOC_012736	-0.12	8.96E-01	1.00E+00	0.94	3.29E-01	8.41E-01
AP002847.1	1.04	5.04E-01	1.00E+00	1.20	3.29E-01	8.41E-01
RARA-AS1	-0.75	3.56E-01	1.00E+00	-0.88	3.29E-01	8.41E-01
VPS36	0.10	7.19E-01	1.00E+00	-0.25	3.29E-01	8.41E-01
TRMT5	0.02	9.42E-01	1.00E+00	0.19	3.29E-01	8.41E-01
ZRANB2	0.10	7.00E-01	1.00E+00	-0.34	3.29E-01	8.41E-01
MRPL18	0.04	7.87E-01	1.00E+00	-0.24	3.29E-01	8.41E-01
MAGOHB	-0.07	7.35E-01	1.00E+00	-0.28	3.29E-01	8.41E-01
CCDC8	0.02	9.76E-01	1.00E+00	0.63	3.29E-01	8.41E-01
RAB40C	-0.28	5.11E-01	1.00E+00	-0.39	3.29E-01	8.41E-01
LYPD5	-0.18	7.53E-01	1.00E+00	0.47	3.29E-01	8.41E-01
PDCD6	0.19	2.31E-01	1.00E+00	-0.36	3.29E-01	8.41E-01
NCAM2	-0.12	7.25E-01	1.00E+00	0.78	3.29E-01	8.41E-01
NAXD	0.16	3.16E-01	1.00E+00	-0.17	3.29E-01	8.41E-01
AC138409.1	1.84	2.01E-01	1.00E+00	-0.67	3.29E-01	8.41E-01
AL356215.1	-0.57	3.66E-01	1.00E+00	-1.00	3.29E-01	8.41E-01
ITGA2B	-0.07	9.25E-01	1.00E+00	-1.01	3.29E-01	8.41E-01
G21034	2.37	2.58E-01	1.00E+00	1.86	3.29E-01	8.42E-01
CTAGE8	0.84	9.84E-02	1.00E+00	0.81	3.29E-01	8.42E-01
GAPDHP49	0.01	9.90E-01	1.00E+00	-0.78	3.29E-01	8.42E-01
SKOR1	-0.99	1.37E-01	1.00E+00	1.22	3.29E-01	8.42E-01
RALGAPA2	0.28	1.73E-01	1.00E+00	0.33	3.29E-01	8.42E-01
AL157935.1	-0.20	7.79E-01	1.00E+00	0.87	3.30E-01	8.42E-01
LAMB2	0.23	5.29E-01	1.00E+00	0.54	3.30E-01	8.42E-01
RPL23AP82	0.12	6.20E-01	1.00E+00	-0.25	3.30E-01	8.42E-01
XLOC_006333	-2.73	2.21E-01	1.00E+00	-1.31	3.30E-01	8.42E-01
TMEM50B	0.26	3.42E-01	1.00E+00	-0.34	3.30E-01	8.42E-01
XLOC_007725	1.39	1.80E-01	1.00E+00	-0.97	3.30E-01	8.42E-01
PPP2R1A	-0.20	3.19E-01	1.00E+00	0.11	3.30E-01	8.42E-01

KCNA1	-1.11	3.70E-01	1.00E+00	1.35	3.30E-01	8.42E-01
BLVRA	-0.12	5.25E-01	1.00E+00	0.17	3.30E-01	8.42E-01
FAM13A	0.39	3.91E-01	1.00E+00	-0.31	3.30E-01	8.42E-01
CYBA	0.10	7.67E-01	1.00E+00	0.92	3.30E-01	8.42E-01
PPP6R3	-0.01	9.56E-01	1.00E+00	0.17	3.30E-01	8.42E-01
TDG	0.14	6.17E-01	1.00E+00	0.20	3.30E-01	8.42E-01
MT-TT	NA	NA	NA	-0.80	3.30E-01	8.42E-01
LRRC73	-0.46	5.19E-01	1.00E+00	1.09	3.30E-01	8.42E-01
AC068888.1	0.33	5.04E-01	1.00E+00	-0.45	3.30E-01	8.42E-01
MYLPF	-1.31	9.45E-02	1.00E+00	-0.54	3.30E-01	8.42E-01
AC100861.1	-0.23	6.83E-01	1.00E+00	0.33	3.30E-01	8.42E-01
CACNA2D3	-0.52	3.70E-01	1.00E+00	0.79	3.30E-01	8.42E-01
PGRMC1	0.09	6.46E-01	1.00E+00	-0.20	3.31E-01	8.42E-01
AC103810.2	-1.29	5.81E-01	1.00E+00	-0.84	3.31E-01	8.42E-01
MZT1	0.36	4.16E-01	1.00E+00	-0.33	3.31E-01	8.42E-01
IFT57	-0.10	6.89E-01	1.00E+00	-0.23	3.31E-01	8.42E-01
NMD3	0.07	7.41E-01	1.00E+00	-0.25	3.31E-01	8.42E-01
ELL2	-0.09	8.06E-01	1.00E+00	0.31	3.31E-01	8.42E-01
HSD11B1L	-0.87	3.74E-02	1.00E+00	-0.46	3.31E-01	8.42E-01
EIF6	-0.07	8.00E-01	1.00E+00	0.33	3.31E-01	8.42E-01
LY75	0.00	1.00E+00	1.00E+00	-0.30	3.31E-01	8.42E-01
BX571818.1	-0.07	9.46E-01	1.00E+00	1.01	3.31E-01	8.42E-01
CCZ1B	0.00	9.91E-01	1.00E+00	-0.51	3.31E-01	8.42E-01
DHX8	-0.22	3.05E-01	1.00E+00	0.27	3.31E-01	8.42E-01
ATP5F1D	-0.33	1.55E-01	1.00E+00	-0.18	3.31E-01	8.42E-01
AWAT2	0.27	9.32E-01	1.00E+00	-3.05	3.31E-01	8.42E-01
XLOC_013541	-1.53	1.42E-01	1.00E+00	1.12	3.31E-01	8.42E-01
AC011374.2	0.39	5.54E-01	1.00E+00	-0.52	3.31E-01	8.42E-01
SMOC1	0.63	3.70E-01	1.00E+00	0.75	3.31E-01	8.42E-01
KLHL35	-0.20	7.38E-01	1.00E+00	-0.45	3.31E-01	8.42E-01
ASAH2	-0.69	4.42E-01	1.00E+00	-0.61	3.31E-01	8.42E-01
SLC16A11	0.10	7.96E-01	1.00E+00	-0.51	3.31E-01	8.42E-01

TOPORS	-0.27	2.70E-01	1.00E+00	-0.24	3.31E-01	8.42E-01
PPIAP19	-1.12	7.18E-01	1.00E+00	0.91	3.31E-01	8.42E-01
AC015987.1	1.48	6.63E-01	1.00E+00	-1.11	3.31E-01	8.42E-01
MAN2A1	0.03	9.14E-01	1.00E+00	0.21	3.31E-01	8.42E-01
ERCC6L	0.08	8.53E-01	1.00E+00	0.74	3.31E-01	8.42E-01
PPP3R1	0.02	9.28E-01	1.00E+00	0.47	3.31E-01	8.42E-01
ACVR2B	0.49	2.79E-01	1.00E+00	0.42	3.31E-01	8.42E-01
TNPO1P1	0.90	7.96E-01	1.00E+00	-1.48	3.31E-01	8.42E-01
LINC00987	-3.08	2.56E-02	9.30E-01	-0.70	3.31E-01	8.42E-01
PADI2	0.33	7.51E-01	1.00E+00	-0.59	3.31E-01	8.42E-01
PCDH7	-0.34	3.47E-01	1.00E+00	0.38	3.31E-01	8.42E-01
MARF1	0.40	8.96E-02	1.00E+00	0.33	3.31E-01	8.42E-01
AC008555.2	2.97	2.26E-01	1.00E+00	-0.54	3.31E-01	8.42E-01
PPP1R26	0.13	7.07E-01	1.00E+00	0.69	3.32E-01	8.42E-01
NMUR1	1.35	1.30E-01	1.00E+00	-0.87	3.32E-01	8.42E-01
AC010615.2	0.66	4.65E-01	1.00E+00	-0.91	3.32E-01	8.42E-01
TMED4	0.11	4.22E-01	1.00E+00	-0.21	3.32E-01	8.42E-01
ERMN	-5.42	8.19E-09	3.93E-06	1.66	3.32E-01	8.42E-01
MIR103A2	0.07	9.49E-01	1.00E+00	0.39	3.32E-01	8.42E-01
WIPI1	-0.07	8.29E-01	1.00E+00	0.27	3.32E-01	8.42E-01
ZNF33A	-0.07	7.96E-01	1.00E+00	-0.26	3.32E-01	8.42E-01
LINC01142	-1.00	4.45E-01	1.00E+00	0.78	3.32E-01	8.42E-01
KLF3-AS1	-0.17	7.32E-01	1.00E+00	-0.47	3.32E-01	8.42E-01
AC063944.2	-3.44	8.39E-02	1.00E+00	1.39	3.32E-01	8.42E-01
C16orf74	-0.47	3.54E-01	1.00E+00	-0.38	3.32E-01	8.42E-01
FXVD1	-0.23	9.07E-01	1.00E+00	0.77	3.32E-01	8.42E-01
AC244258.1	-4.70	1.81E-02	8.45E-01	-0.50	3.32E-01	8.42E-01
SH2D5	-4.10	4.07E-02	1.00E+00	3.07	3.32E-01	8.42E-01
TRIM52	0.10	6.99E-01	1.00E+00	-0.24	3.32E-01	8.42E-01
BAHD1	-0.06	8.04E-01	1.00E+00	0.46	3.32E-01	8.42E-01
NUP210L	-2.71	3.31E-01	1.00E+00	-1.42	3.32E-01	8.42E-01
Z97989.1	-0.19	8.03E-01	1.00E+00	0.57	3.32E-01	8.42E-01

AL122023.1	1.81	5.80E-02	1.00E+00	-0.92	3.32E-01	8.42E-01
AL035701.1	-1.06	5.35E-01	1.00E+00	-1.17	3.32E-01	8.42E-01
ANKRD26	-0.01	9.77E-01	1.00E+00	-0.34	3.32E-01	8.43E-01
TTC37	0.16	5.44E-01	1.00E+00	-0.17	3.33E-01	8.43E-01
NTPCR	0.11	5.31E-01	1.00E+00	-0.28	3.33E-01	8.43E-01
ATG10	-0.14	6.22E-01	1.00E+00	-0.27	3.33E-01	8.43E-01
ALDH4A1	0.09	7.96E-01	1.00E+00	-0.38	3.33E-01	8.43E-01
CARM1	-0.45	1.82E-02	8.48E-01	0.63	3.33E-01	8.43E-01
SLC25A29	-0.32	5.12E-01	1.00E+00	-0.64	3.33E-01	8.43E-01
LTB4R	-0.05	8.85E-01	1.00E+00	0.57	3.33E-01	8.43E-01
CCDC93	0.41	3.73E-01	1.00E+00	0.24	3.33E-01	8.43E-01
NSL1	-0.03	8.73E-01	1.00E+00	-0.26	3.33E-01	8.43E-01
SLC7A14	-0.28	8.34E-01	1.00E+00	-1.69	3.33E-01	8.43E-01
AP006296.1	1.17	5.98E-01	1.00E+00	-0.84	3.33E-01	8.43E-01
TLE2	-0.07	8.95E-01	1.00E+00	-0.61	3.33E-01	8.43E-01
H3F3C	-0.43	7.70E-01	1.00E+00	-0.66	3.33E-01	8.43E-01
SPHK2	0.03	9.45E-01	1.00E+00	0.63	3.33E-01	8.43E-01
SPSB3	0.11	8.70E-01	1.00E+00	0.45	3.33E-01	8.43E-01
TRIM36	0.12	8.37E-01	1.00E+00	-0.68	3.33E-01	8.43E-01
AC103702.1	0.39	8.13E-01	1.00E+00	-1.20	3.33E-01	8.43E-01
PARN	-0.08	6.28E-01	1.00E+00	-0.16	3.33E-01	8.43E-01
HSPB3	0.47	2.24E-01	1.00E+00	0.64	3.33E-01	8.43E-01
AC103770.1	0.35	9.19E-01	1.00E+00	1.48	3.33E-01	8.43E-01
RANBP10	-0.01	9.67E-01	1.00E+00	0.49	3.33E-01	8.43E-01
UBA2	0.09	6.27E-01	1.00E+00	-0.36	3.33E-01	8.43E-01
AC011815.1	-0.74	7.36E-02	1.00E+00	-0.56	3.33E-01	8.43E-01
OGFOD2	-0.13	9.59E-01	1.00E+00	0.62	3.33E-01	8.43E-01
TGFB111	-0.14	7.43E-01	1.00E+00	0.36	3.34E-01	8.44E-01
EXOC5P1	1.26	6.84E-01	1.00E+00	-0.68	3.34E-01	8.44E-01
VTN	-0.30	7.67E-01	1.00E+00	1.21	3.34E-01	8.44E-01
NEK11	0.25	2.48E-01	1.00E+00	0.33	3.34E-01	8.44E-01
CADM4	-0.15	4.60E-01	1.00E+00	0.67	3.34E-01	8.44E-01

AL445423.1	1.91	1.52E-01	1.00E+00	0.94	3.34E-01	8.44E-01
EEA1	-0.14	5.51E-01	1.00E+00	-0.20	3.34E-01	8.44E-01
G33789	-0.26	7.03E-01	1.00E+00	1.17	3.34E-01	8.44E-01
AC022467.1	-0.19	9.37E-01	1.00E+00	-1.66	3.34E-01	8.44E-01
DHX40	0.07	7.28E-01	1.00E+00	-0.50	3.34E-01	8.44E-01
G42509	1.32	6.99E-01	1.00E+00	0.75	3.34E-01	8.45E-01
TRBV19	-3.21	4.06E-02	1.00E+00	0.93	3.34E-01	8.45E-01
CPLANE2	0.20	5.34E-01	1.00E+00	0.69	3.35E-01	8.45E-01
TMC6	-0.19	4.76E-01	1.00E+00	0.51	3.35E-01	8.45E-01
PCLO	-1.44	1.45E-03	2.09E-01	-0.47	3.35E-01	8.45E-01
IRX6	0.37	4.82E-01	1.00E+00	-0.47	3.35E-01	8.45E-01
AL353729.2	-1.19	7.32E-01	1.00E+00	1.23	3.35E-01	8.45E-01
NHEJ1	-1.41	6.33E-01	1.00E+00	0.98	3.35E-01	8.45E-01
MGAT4C	-0.54	6.52E-01	1.00E+00	0.82	3.35E-01	8.45E-01
TIMM22	-0.05	8.30E-01	1.00E+00	-0.24	3.35E-01	8.45E-01
AC008124.1	0.15	5.28E-01	1.00E+00	-0.34	3.35E-01	8.45E-01
CYFIP2	-0.75	6.01E-02	1.00E+00	0.50	3.35E-01	8.45E-01
XLOC_009180	1.03	5.76E-01	1.00E+00	1.08	3.35E-01	8.45E-01
MIS18A	0.21	3.08E-01	1.00E+00	-0.28	3.35E-01	8.45E-01
AL357054.1	-0.80	8.18E-01	1.00E+00	3.03	3.35E-01	8.45E-01
RIC3	-0.05	8.61E-01	1.00E+00	-0.42	3.35E-01	8.45E-01
SAMD10	-0.28	3.71E-01	1.00E+00	-0.35	3.35E-01	8.45E-01
LYNX1-SLURP2	-0.59	6.86E-01	1.00E+00	-0.59	3.35E-01	8.45E-01
XLOC_000411	1.26	5.59E-02	1.00E+00	-0.71	3.35E-01	8.45E-01
AP001046.1	-0.49	5.65E-01	1.00E+00	1.22	3.35E-01	8.45E-01
CCT6P1	-0.51	5.23E-01	1.00E+00	-0.43	3.35E-01	8.45E-01
SRRM1P3	NA	NA	NA	-0.89	3.35E-01	8.45E-01
TUSC1	-0.04	8.77E-01	1.00E+00	-0.54	3.35E-01	8.45E-01
ZNF638	0.01	9.76E-01	1.00E+00	-0.15	3.35E-01	8.45E-01
ZBTB6	0.52	5.22E-02	1.00E+00	0.31	3.35E-01	8.45E-01
LBR	0.42	1.13E-01	1.00E+00	-0.26	3.35E-01	8.45E-01
FAM92A	-0.05	8.81E-01	1.00E+00	-0.38	3.36E-01	8.45E-01

SNAPC2	-0.22	1.90E-01	1.00E+00	0.34	3.36E-01	8.45E-01
GOLGA6L4	1.36	1.65E-01	1.00E+00	0.81	3.36E-01	8.45E-01
LINC01412	-0.35	9.17E-01	1.00E+00	-0.79	3.36E-01	8.45E-01
LINC02017	-0.49	7.31E-01	1.00E+00	-1.07	3.36E-01	8.45E-01
AC099048.1	0.65	8.22E-01	1.00E+00	0.75	3.36E-01	8.45E-01
PLEKH02	0.37	3.38E-01	1.00E+00	0.67	3.36E-01	8.45E-01
DLGAP1	-0.64	4.65E-01	1.00E+00	0.67	3.36E-01	8.45E-01
KDM5C	-0.05	8.41E-01	1.00E+00	0.58	3.36E-01	8.45E-01
FTLP14	-0.66	4.62E-01	1.00E+00	-0.66	3.36E-01	8.45E-01
RIPOR2	-0.22	6.15E-01	1.00E+00	0.44	3.36E-01	8.45E-01
MTO1	0.08	7.06E-01	1.00E+00	-0.21	3.36E-01	8.45E-01
RASGRP4	0.07	8.69E-01	1.00E+00	0.76	3.36E-01	8.45E-01
PPP2CB	0.27	9.01E-02	1.00E+00	0.29	3.36E-01	8.45E-01
NLGN1	0.07	8.65E-01	1.00E+00	-0.53	3.36E-01	8.45E-01
CLPSL2	1.69	6.12E-01	1.00E+00	-1.84	3.36E-01	8.45E-01
AC002066.1	-1.14	4.02E-01	1.00E+00	-0.86	3.36E-01	8.45E-01
DRC3	-0.52	2.95E-01	1.00E+00	0.26	3.36E-01	8.45E-01
XLOC_000160	-3.20	4.73E-02	1.00E+00	-1.18	3.36E-01	8.45E-01
FBXO3	0.05	8.41E-01	1.00E+00	-0.35	3.36E-01	8.45E-01
NCOR2	-0.52	1.30E-01	1.00E+00	0.72	3.36E-01	8.45E-01
TRIM27	0.01	9.50E-01	1.00E+00	0.28	3.36E-01	8.45E-01
PRMT3	0.22	3.26E-01	1.00E+00	-0.18	3.36E-01	8.45E-01
SLC35D3	0.70	4.61E-01	1.00E+00	-1.55	3.36E-01	8.45E-01
FAM25B	-0.30	8.67E-01	1.00E+00	-0.70	3.36E-01	8.45E-01
POU4F3	-0.01	9.95E-01	1.00E+00	1.16	3.36E-01	8.45E-01
IGHG4	0.58	8.66E-01	1.00E+00	3.02	3.36E-01	8.45E-01
NUAK1	0.12	6.43E-01	1.00E+00	0.32	3.36E-01	8.45E-01
AC114488.1	-2.03	2.88E-01	1.00E+00	0.88	3.36E-01	8.45E-01
TCEAL8	-0.04	8.42E-01	1.00E+00	-0.30	3.36E-01	8.45E-01
PHOSPHO1	-0.44	5.93E-01	1.00E+00	0.96	3.36E-01	8.45E-01
TGOLN2	0.32	2.36E-01	1.00E+00	0.21	3.36E-01	8.45E-01
ANKHD1	0.45	5.07E-01	1.00E+00	-0.42	3.37E-01	8.45E-01

IL15	0.18	7.60E-01	1.00E+00	0.47	3.37E-01	8.45E-01
CSR1P1	-0.24	6.26E-01	1.00E+00	-0.32	3.37E-01	8.45E-01
SLC28A3	0.47	4.34E-01	1.00E+00	0.54	3.37E-01	8.45E-01
EFR3A	0.35	1.61E-01	1.00E+00	-0.21	3.37E-01	8.45E-01
AC109597.2	-3.43	1.67E-01	1.00E+00	-1.45	3.37E-01	8.45E-01
RNU1-28P	1.83	4.95E-01	1.00E+00	-1.34	3.37E-01	8.45E-01
SUMO1P3	-1.30	3.31E-01	1.00E+00	-0.56	3.37E-01	8.45E-01
ASTE1	0.06	8.21E-01	1.00E+00	-0.38	3.37E-01	8.45E-01
ELN-AS1	0.52	8.30E-01	1.00E+00	1.09	3.37E-01	8.45E-01
ARHGEF26	0.21	5.25E-01	1.00E+00	-0.37	3.37E-01	8.45E-01
CCDC141	0.70	4.51E-01	1.00E+00	0.77	3.37E-01	8.45E-01
TDRD12	0.17	8.58E-01	1.00E+00	0.93	3.37E-01	8.46E-01
B3GALT2	-1.40	3.16E-01	1.00E+00	-0.91	3.37E-01	8.46E-01
RARRES2	1.71	5.67E-03	4.48E-01	0.52	3.37E-01	8.46E-01
CIAPIN1P	0.56	8.71E-01	1.00E+00	0.92	3.37E-01	8.46E-01
BAK1	0.24	3.46E-01	1.00E+00	0.39	3.37E-01	8.46E-01
C7orf50	-0.08	8.01E-01	1.00E+00	0.20	3.37E-01	8.46E-01
KCNMB3	-0.63	3.83E-01	1.00E+00	-0.65	3.38E-01	8.46E-01
AC004816.2	1.17	7.35E-01	1.00E+00	-1.09	3.38E-01	8.46E-01
AC092127.2	-0.87	4.44E-01	1.00E+00	-0.93	3.38E-01	8.46E-01
LINC02320	-2.25	2.66E-01	1.00E+00	-1.37	3.38E-01	8.46E-01
CCDC82	0.28	4.08E-01	1.00E+00	-0.26	3.38E-01	8.46E-01
AC009065.5	-1.64	6.28E-01	1.00E+00	-1.39	3.38E-01	8.46E-01
ZNF771	-0.19	4.18E-01	1.00E+00	0.25	3.38E-01	8.46E-01
FAM201A	-0.50	2.07E-01	1.00E+00	-0.76	3.38E-01	8.46E-01
PF4	-2.41	2.33E-01	1.00E+00	-1.08	3.38E-01	8.46E-01
ARL6	0.18	6.12E-01	1.00E+00	-0.34	3.38E-01	8.46E-01
STOX1	-0.79	1.00E-01	1.00E+00	-0.88	3.38E-01	8.46E-01
USP27X	-0.31	3.02E-01	1.00E+00	0.67	3.38E-01	8.46E-01
AC122710.2	0.09	9.61E-01	1.00E+00	1.25	3.38E-01	8.46E-01
ELP4	-0.05	8.32E-01	1.00E+00	-0.31	3.38E-01	8.46E-01
KCNS2	-0.46	5.06E-01	1.00E+00	1.26	3.38E-01	8.46E-01

XLOC_000555	0.99	4.68E-01	1.00E+00	1.28	3.38E-01	8.46E-01
SMU1	0.00	9.97E-01	1.00E+00	-0.14	3.38E-01	8.46E-01
OBSL1	-0.22	4.39E-01	1.00E+00	0.52	3.38E-01	8.46E-01
AC010969.2	-0.66	1.60E-01	1.00E+00	0.33	3.38E-01	8.46E-01
MCEE	0.03	9.28E-01	1.00E+00	-0.43	3.38E-01	8.46E-01
ZSCAN29	-0.07	8.04E-01	1.00E+00	0.42	3.38E-01	8.46E-01
GAST	-1.90	5.82E-01	1.00E+00	1.17	3.38E-01	8.46E-01
ILF3-DT	-0.10	6.52E-01	1.00E+00	-0.24	3.39E-01	8.46E-01
G33562	-0.47	5.99E-01	1.00E+00	0.70	3.39E-01	8.46E-01
EPHA3	0.24	6.55E-01	1.00E+00	0.60	3.39E-01	8.46E-01
NKAIN4	-1.44	2.30E-01	1.00E+00	0.96	3.39E-01	8.46E-01
SLC15A4	0.01	9.78E-01	1.00E+00	-0.38	3.39E-01	8.46E-01
AC124016.2	-1.40	1.29E-01	1.00E+00	-0.67	3.39E-01	8.46E-01
KLHDC7A	0.71	6.19E-01	1.00E+00	-1.20	3.39E-01	8.46E-01
CFL2	0.30	5.44E-01	1.00E+00	-0.41	3.39E-01	8.46E-01
VPS54	0.14	5.29E-01	1.00E+00	-0.34	3.39E-01	8.46E-01
RPL5P34	-0.63	5.29E-01	1.00E+00	-0.55	3.39E-01	8.46E-01
AL391650.1	-0.08	9.44E-01	1.00E+00	-1.18	3.39E-01	8.46E-01
AC008957.1	-0.38	7.77E-01	1.00E+00	1.27	3.39E-01	8.46E-01
PHF2	0.06	7.79E-01	1.00E+00	0.48	3.39E-01	8.46E-01
LRCH2	0.85	2.21E-01	1.00E+00	0.88	3.39E-01	8.46E-01
G909	0.89	3.04E-01	1.00E+00	1.19	3.39E-01	8.46E-01
G13548	-2.92	3.90E-01	1.00E+00	1.62	3.39E-01	8.46E-01
AC008063.1	-1.83	4.11E-01	1.00E+00	1.01	3.39E-01	8.46E-01
PZP	-0.08	9.64E-01	1.00E+00	-1.08	3.39E-01	8.46E-01
KRT36	-5.54	1.06E-03	1.68E-01	-1.63	3.39E-01	8.46E-01
AC117386.1	-1.27	7.04E-01	1.00E+00	1.30	3.39E-01	8.46E-01
PCDHGB4	-0.14	7.17E-01	1.00E+00	-0.49	3.39E-01	8.46E-01
POLRMTP1	-0.13	9.22E-01	1.00E+00	-0.70	3.39E-01	8.46E-01
AL355075.4	-0.25	5.40E-01	1.00E+00	-0.63	3.39E-01	8.46E-01
IGLV8-61	2.10	5.34E-01	1.00E+00	3.03	3.39E-01	8.46E-01
SCIMP	0.82	5.68E-01	1.00E+00	2.85	3.39E-01	8.46E-01

ACSM1	0.91	6.18E-02	1.00E+00	0.66	3.39E-01	8.46E-01
ZNF296	-0.74	2.09E-02	8.94E-01	-0.36	3.39E-01	8.46E-01
MOK	-0.20	4.68E-01	1.00E+00	-0.37	3.39E-01	8.46E-01
AF129075.2	NA	NA	NA	-1.22	3.39E-01	8.46E-01
SLC38A1	0.17	5.24E-01	1.00E+00	-0.29	3.39E-01	8.46E-01
C1QTNF3	1.98	1.40E-01	1.00E+00	0.66	3.39E-01	8.46E-01
PTRHD1	-0.20	6.02E-01	1.00E+00	-0.46	3.39E-01	8.46E-01
TOMM20P2	0.49	6.72E-01	1.00E+00	1.44	3.40E-01	8.46E-01
GPC2	0.01	9.90E-01	1.00E+00	0.64	3.40E-01	8.46E-01
BX284668.2	-0.30	6.52E-01	1.00E+00	-1.39	3.40E-01	8.46E-01
CMTM7	-0.43	1.98E-01	1.00E+00	0.24	3.40E-01	8.46E-01
LXN	-0.05	7.87E-01	1.00E+00	-0.30	3.40E-01	8.46E-01
INPP4B	0.12	6.49E-01	1.00E+00	0.34	3.40E-01	8.46E-01
AL731556.2	NA	NA	NA	2.62	3.40E-01	8.46E-01
HIST1H2BK	-0.68	2.21E-01	1.00E+00	0.46	3.40E-01	8.46E-01
AL591846.1	-5.53	2.14E-03	2.39E-01	-0.98	3.40E-01	8.47E-01
SMIM1	0.03	9.66E-01	1.00E+00	-0.48	3.40E-01	8.47E-01
LINC00920	-0.47	4.22E-01	1.00E+00	0.62	3.40E-01	8.47E-01
G16026	4.72	1.59E-01	1.00E+00	1.01	3.40E-01	8.47E-01
ARAP3	0.10	8.43E-01	1.00E+00	0.67	3.40E-01	8.47E-01
EIF3A	-0.01	9.77E-01	1.00E+00	0.22	3.40E-01	8.47E-01
GLB1L	0.01	9.74E-01	1.00E+00	0.29	3.40E-01	8.47E-01
PPIP5K1	-0.32	3.25E-02	1.00E+00	-0.34	3.40E-01	8.47E-01
G1580	-2.17	4.48E-01	1.00E+00	1.48	3.40E-01	8.47E-01
ZNF644	-0.03	9.12E-01	1.00E+00	-0.20	3.40E-01	8.47E-01
ARF3	0.05	7.54E-01	1.00E+00	0.31	3.40E-01	8.47E-01
RBM5	0.34	3.85E-01	1.00E+00	0.21	3.40E-01	8.47E-01
MYL6	0.17	3.80E-01	1.00E+00	-0.28	3.40E-01	8.47E-01
CENPE	-0.18	6.43E-01	1.00E+00	-0.46	3.41E-01	8.47E-01
BTBD9	-0.23	3.34E-01	1.00E+00	0.38	3.41E-01	8.47E-01
AC093677.2	-0.16	8.93E-01	1.00E+00	-0.59	3.41E-01	8.47E-01
KCTD4	0.57	3.90E-01	1.00E+00	0.75	3.41E-01	8.47E-01

ZNF135	0.14	7.32E-01	1.00E+00	-0.44	3.41E-01	8.47E-01
XLOC_000647	-0.49	2.23E-01	1.00E+00	0.88	3.41E-01	8.47E-01
ARHGEF19	-0.12	7.41E-01	1.00E+00	-0.40	3.41E-01	8.47E-01
ZGRF1	0.24	6.60E-01	1.00E+00	-0.61	3.41E-01	8.48E-01
ANKRD10	0.11	6.72E-01	1.00E+00	0.24	3.41E-01	8.48E-01
IGFLR1	1.28	6.35E-01	1.00E+00	0.55	3.41E-01	8.48E-01
LINC00598	2.26	1.92E-02	8.71E-01	-0.90	3.41E-01	8.48E-01
CAMK1G	-4.61	1.01E-03	1.65E-01	1.02	3.41E-01	8.48E-01
NPTN	-0.04	8.17E-01	1.00E+00	-0.58	3.41E-01	8.48E-01
AC084024.4	-0.78	4.41E-01	1.00E+00	0.65	3.41E-01	8.48E-01
COA5	0.24	2.15E-01	1.00E+00	-0.24	3.41E-01	8.48E-01
AMOTL1	0.05	8.61E-01	1.00E+00	0.34	3.42E-01	8.48E-01
AC010504.1	-0.46	7.02E-01	1.00E+00	-0.82	3.42E-01	8.49E-01
COX4I2	0.52	3.59E-01	1.00E+00	0.41	3.42E-01	8.49E-01
CD109	0.00	9.91E-01	1.00E+00	0.22	3.42E-01	8.49E-01
FGD5	0.22	5.98E-01	1.00E+00	0.57	3.42E-01	8.49E-01
USH2A	1.33	4.83E-01	1.00E+00	1.44	3.42E-01	8.49E-01
CDO1	1.91	3.94E-02	1.00E+00	-0.72	3.42E-01	8.49E-01
KLF7-IT1	-2.08	1.78E-01	1.00E+00	0.99	3.42E-01	8.49E-01
CNIH1	0.08	7.09E-01	1.00E+00	-0.21	3.42E-01	8.49E-01
PPP1R3C	-0.14	8.20E-01	1.00E+00	-0.43	3.42E-01	8.49E-01
AL450992.3	0.56	8.71E-01	1.00E+00	2.55	3.42E-01	8.49E-01
C8G	-0.56	5.51E-01	1.00E+00	0.96	3.42E-01	8.49E-01
TIGD5	0.00	9.99E-01	1.00E+00	0.48	3.42E-01	8.49E-01
ZBTB26	0.33	3.08E-01	1.00E+00	0.48	3.42E-01	8.49E-01
MKKS	0.25	3.64E-01	1.00E+00	-0.28	3.42E-01	8.49E-01
SLC5A1	0.32	5.06E-01	1.00E+00	0.48	3.42E-01	8.49E-01
COQ6	0.58	2.69E-01	1.00E+00	-0.39	3.42E-01	8.49E-01
AC009041.4	-1.61	3.19E-01	1.00E+00	1.40	3.42E-01	8.49E-01
DLGAP2	-0.86	2.48E-01	1.00E+00	0.58	3.43E-01	8.49E-01
MPRIP	0.00	9.95E-01	1.00E+00	0.55	3.43E-01	8.49E-01
EIPR1	-0.14	5.64E-01	1.00E+00	0.19	3.43E-01	8.49E-01

PKMYT1	-0.64	1.89E-01	1.00E+00	0.58	3.43E-01	8.49E-01
MCL1	-0.11	7.12E-01	1.00E+00	0.45	3.43E-01	8.49E-01
PPIH	0.04	9.14E-01	1.00E+00	-0.16	3.43E-01	8.49E-01
KCNA7	0.89	4.91E-01	1.00E+00	1.58	3.43E-01	8.49E-01
ELF2	0.00	9.89E-01	1.00E+00	-0.26	3.43E-01	8.49E-01
WTAPP1	-1.75	3.31E-01	1.00E+00	1.01	3.43E-01	8.49E-01
MAP1S	0.04	8.90E-01	1.00E+00	0.57	3.43E-01	8.49E-01
ASIC2	-1.04	2.33E-01	1.00E+00	1.16	3.43E-01	8.49E-01
LNP1	0.29	5.86E-01	1.00E+00	0.62	3.43E-01	8.49E-01
G36147	-0.40	7.50E-01	1.00E+00	-3.02	3.43E-01	8.49E-01
TRAV26-1	2.49	2.29E-01	1.00E+00	1.52	3.43E-01	8.49E-01
TTLL7	-0.15	7.93E-01	1.00E+00	-0.41	3.43E-01	8.49E-01
EXOSC3P1	-0.39	9.10E-01	1.00E+00	-0.96	3.43E-01	8.49E-01
UMODL1	0.29	7.55E-01	1.00E+00	-1.04	3.43E-01	8.49E-01
PTPN4	0.39	1.20E-01	1.00E+00	-0.27	3.43E-01	8.49E-01
GHR	1.18	4.33E-02	1.00E+00	-0.59	3.43E-01	8.49E-01
YBX1P4	-0.38	8.87E-01	1.00E+00	1.77	3.43E-01	8.49E-01
HES1	-0.37	3.56E-01	1.00E+00	-0.50	3.43E-01	8.49E-01
DCAF13	-0.08	7.48E-01	1.00E+00	-0.31	3.43E-01	8.49E-01
GPR161	-0.01	9.85E-01	1.00E+00	0.31	3.44E-01	8.49E-01
SERPINB2	0.48	3.30E-01	1.00E+00	-0.58	3.44E-01	8.49E-01
SHC3	0.09	8.78E-01	1.00E+00	0.43	3.44E-01	8.49E-01
ERGIC1	0.18	4.69E-01	1.00E+00	0.44	3.44E-01	8.49E-01
AC245100.8	-0.50	1.07E-01	1.00E+00	0.48	3.44E-01	8.49E-01
WDR17	0.09	9.10E-01	1.00E+00	-0.86	3.44E-01	8.49E-01
GFM1	-0.03	9.08E-01	1.00E+00	-0.16	3.44E-01	8.49E-01
EXOSC8	-0.06	8.01E-01	1.00E+00	-0.40	3.44E-01	8.49E-01
WNT10A	-0.20	5.95E-01	1.00E+00	-0.81	3.44E-01	8.49E-01
AC092437.1	-0.10	9.40E-01	1.00E+00	1.08	3.44E-01	8.49E-01
TM2D3	0.34	6.53E-02	1.00E+00	-0.26	3.44E-01	8.49E-01
ATP6V0D1	-0.16	4.02E-01	1.00E+00	0.12	3.44E-01	8.49E-01
EPN2	0.10	7.51E-01	1.00E+00	-0.24	3.44E-01	8.49E-01

G12287	-1.09	4.92E-01	1.00E+00	0.90	3.44E-01	8.49E-01
ZNF589	-0.13	6.30E-01	1.00E+00	0.39	3.44E-01	8.49E-01
MVK	-0.21	5.55E-01	1.00E+00	0.27	3.44E-01	8.49E-01
LINC00574	-0.52	8.06E-01	1.00E+00	1.25	3.44E-01	8.49E-01
AC090825.1	-0.18	7.71E-01	1.00E+00	0.71	3.44E-01	8.49E-01
RAPGEFL1	-0.03	9.46E-01	1.00E+00	-0.65	3.44E-01	8.49E-01
LTB4R2	-0.14	7.36E-01	1.00E+00	-0.58	3.44E-01	8.50E-01
XLOC_003668	0.19	8.01E-01	1.00E+00	1.51	3.44E-01	8.50E-01
CSNK2A2	0.05	9.07E-01	1.00E+00	0.30	3.44E-01	8.50E-01
AC008764.2	-0.25	5.85E-01	1.00E+00	0.99	3.44E-01	8.50E-01
IGHV4-59	1.73	3.32E-01	1.00E+00	2.98	3.45E-01	8.50E-01
LCE1F	0.20	7.80E-01	1.00E+00	0.74	3.45E-01	8.50E-01
CASP8AP2	-0.05	8.45E-01	1.00E+00	-0.24	3.45E-01	8.50E-01
HCST	-2.04	4.72E-01	1.00E+00	0.54	3.45E-01	8.50E-01
PORCN	-0.36	1.07E-01	1.00E+00	0.18	3.45E-01	8.50E-01
AC093218.1	0.44	4.97E-01	1.00E+00	0.96	3.45E-01	8.50E-01
SLC35A1	0.10	7.24E-01	1.00E+00	-0.40	3.45E-01	8.50E-01
LRRC69	1.10	1.33E-01	1.00E+00	-0.55	3.45E-01	8.50E-01
DPRXP4	0.81	6.78E-01	1.00E+00	1.20	3.45E-01	8.50E-01
SLC29A1	0.20	5.84E-01	1.00E+00	-0.30	3.45E-01	8.50E-01
GAS7	0.06	8.63E-01	1.00E+00	0.34	3.45E-01	8.50E-01
NAPSA	0.89	4.79E-01	1.00E+00	1.23	3.45E-01	8.50E-01
SEMA4C	-0.26	2.82E-01	1.00E+00	0.54	3.45E-01	8.50E-01
PPP4C	-0.12	6.14E-01	1.00E+00	-0.38	3.45E-01	8.50E-01
LRIF1	0.11	6.60E-01	1.00E+00	-0.26	3.45E-01	8.50E-01
AC009403.2	-1.61	6.41E-01	1.00E+00	0.94	3.45E-01	8.50E-01
TBC1D31	-0.03	9.31E-01	1.00E+00	-0.51	3.45E-01	8.50E-01
AL355102.1	30.00	6.58E-18	5.54E-15	1.21	3.45E-01	8.50E-01
B2M	0.25	4.75E-01	1.00E+00	0.30	3.45E-01	8.50E-01
SPRY2	0.31	5.28E-02	1.00E+00	-0.34	3.45E-01	8.50E-01
BARX2	-0.35	3.51E-01	1.00E+00	0.65	3.45E-01	8.50E-01
AL831711.1	-0.93	5.72E-01	1.00E+00	1.01	3.45E-01	8.50E-01

PIK3CD-AS2	-0.55	3.75E-01	1.00E+00	0.44	3.45E-01	8.50E-01
GMNN	0.09	7.14E-01	1.00E+00	-0.40	3.46E-01	8.50E-01
LCA5L	0.53	2.83E-01	1.00E+00	-0.63	3.46E-01	8.50E-01
MSC	-0.30	4.72E-01	1.00E+00	0.58	3.46E-01	8.50E-01
RRP12	-0.34	3.11E-01	1.00E+00	0.44	3.46E-01	8.50E-01
MYDGF	-0.10	6.25E-01	1.00E+00	0.20	3.46E-01	8.50E-01
TTBK2	-0.01	9.66E-01	1.00E+00	-0.44	3.46E-01	8.50E-01
AL022313.2	-1.58	3.37E-01	1.00E+00	-1.00	3.46E-01	8.50E-01
G31873	0.33	7.10E-01	1.00E+00	0.81	3.46E-01	8.50E-01
AMMECR1L	-0.09	6.94E-01	1.00E+00	0.37	3.46E-01	8.50E-01
NADK	0.19	4.49E-01	1.00E+00	0.53	3.46E-01	8.50E-01
3-Sep	-0.89	1.68E-01	1.00E+00	0.87	3.46E-01	8.50E-01
ESYT1	0.31	3.44E-01	1.00E+00	-0.34	3.46E-01	8.50E-01
AC092139.2	-2.10	3.73E-01	1.00E+00	-1.38	3.46E-01	8.50E-01
LINC02361	-0.68	1.88E-01	1.00E+00	0.68	3.46E-01	8.50E-01
7-Sep	-0.04	8.44E-01	1.00E+00	-0.23	3.46E-01	8.51E-01
ZBTB43	-0.20	5.04E-01	1.00E+00	0.28	3.46E-01	8.51E-01
RIC1	0.15	5.13E-01	1.00E+00	0.35	3.46E-01	8.51E-01
AC010210.1	-2.14	2.57E-01	1.00E+00	0.88	3.46E-01	8.51E-01
APOD	0.56	2.71E-01	1.00E+00	0.42	3.46E-01	8.51E-01
LMF1	-0.09	7.14E-01	1.00E+00	0.18	3.46E-01	8.51E-01
ZNF692	-0.74	2.20E-02	8.96E-01	0.38	3.46E-01	8.51E-01
Z98885.2	-1.60	6.43E-01	1.00E+00	-1.38	3.46E-01	8.51E-01
AL157895.1	-1.05	3.40E-01	1.00E+00	0.54	3.46E-01	8.51E-01
UBE2F	0.11	5.87E-01	1.00E+00	-0.19	3.46E-01	8.51E-01
CASQ1	-0.29	7.53E-01	1.00E+00	-1.08	3.46E-01	8.51E-01
ARID1B	-0.29	2.27E-01	1.00E+00	-0.25	3.46E-01	8.51E-01
LRRC39	2.24	8.54E-02	1.00E+00	0.73	3.47E-01	8.51E-01
MKLN1-AS	0.23	6.08E-01	1.00E+00	-0.34	3.47E-01	8.51E-01
CPA1	0.15	9.22E-01	1.00E+00	-1.10	3.47E-01	8.51E-01
ZFP3	0.18	6.47E-01	1.00E+00	-0.39	3.47E-01	8.51E-01
G2523	0.58	7.19E-01	1.00E+00	-1.64	3.47E-01	8.51E-01

RPLP1P6	0.60	3.86E-01	1.00E+00	0.45	3.47E-01	8.51E-01
OMD	0.73	8.90E-02	1.00E+00	0.51	3.47E-01	8.51E-01
LINC02603	1.33	6.93E-01	1.00E+00	-0.78	3.47E-01	8.51E-01
YBX1	-0.17	3.69E-01	1.00E+00	0.49	3.47E-01	8.51E-01
G8972	-0.08	9.51E-01	1.00E+00	0.78	3.47E-01	8.51E-01
PNMA3	-4.18	6.86E-04	1.25E-01	1.28	3.47E-01	8.51E-01
INE1	-1.68	2.96E-01	1.00E+00	-0.76	3.47E-01	8.51E-01
SNX5	0.25	2.63E-01	1.00E+00	-0.24	3.47E-01	8.51E-01
TMEM60	0.10	6.92E-01	1.00E+00	-0.29	3.47E-01	8.51E-01
SH3D19	0.25	1.99E-01	1.00E+00	-0.26	3.47E-01	8.51E-01
SNORD125	0.69	6.05E-01	1.00E+00	1.93	3.47E-01	8.51E-01
AC016590.3	0.94	3.78E-01	1.00E+00	1.15	3.47E-01	8.51E-01
BAP1	-0.14	4.38E-01	1.00E+00	0.32	3.47E-01	8.51E-01
CD209	0.06	9.24E-01	1.00E+00	0.64	3.47E-01	8.51E-01
TMEM80	-0.15	4.48E-01	1.00E+00	-0.24	3.47E-01	8.51E-01
PGM2L1	-0.02	9.65E-01	1.00E+00	0.34	3.47E-01	8.51E-01
TRIQQ	0.23	5.42E-01	1.00E+00	0.23	3.47E-01	8.51E-01
HK2	-0.21	6.81E-01	1.00E+00	0.52	3.47E-01	8.51E-01
EEF1AKMT4	-0.38	3.36E-01	1.00E+00	0.38	3.47E-01	8.51E-01
SPPL2A	0.40	9.95E-02	1.00E+00	-0.21	3.47E-01	8.51E-01
CCNI	0.11	6.44E-01	1.00E+00	-0.20	3.48E-01	8.51E-01
ARL1	0.21	2.44E-01	1.00E+00	-0.19	3.48E-01	8.51E-01
MEF2C-AS1	-0.78	1.80E-01	1.00E+00	0.62	3.48E-01	8.51E-01
AC104695.1	-0.67	8.48E-01	1.00E+00	1.95	3.48E-01	8.51E-01
AL662800.1	-1.50	1.49E-01	1.00E+00	-0.56	3.48E-01	8.51E-01
OR7A5	0.22	8.25E-01	1.00E+00	-1.19	3.48E-01	8.51E-01
SPAG5	-0.33	2.07E-01	1.00E+00	0.36	3.48E-01	8.51E-01
CYB5R3	0.12	6.43E-01	1.00E+00	-0.24	3.48E-01	8.51E-01
CASTOR3	-0.43	2.53E-01	1.00E+00	-0.61	3.48E-01	8.51E-01
AC103853.2	-2.19	5.21E-01	1.00E+00	1.04	3.48E-01	8.51E-01
RNASE7	0.24	7.50E-01	1.00E+00	0.66	3.48E-01	8.51E-01
MFSD8	0.38	3.22E-01	1.00E+00	-0.32	3.48E-01	8.51E-01

RP11-592B15.4	-0.02	9.49E-01	1.00E+00	-0.22	3.48E-01	8.51E-01
PMAIP1	-0.53	4.27E-01	1.00E+00	0.51	3.48E-01	8.51E-01
ZNF561	0.06	7.84E-01	1.00E+00	0.20	3.48E-01	8.51E-01
EMP2	-0.13	7.13E-01	1.00E+00	-0.35	3.48E-01	8.51E-01
DRD1	-0.05	9.56E-01	1.00E+00	1.32	3.48E-01	8.51E-01
DCP1A	0.17	4.90E-01	1.00E+00	0.22	3.48E-01	8.51E-01
AC021851.1	-1.30	6.82E-01	1.00E+00	1.28	3.48E-01	8.51E-01
CEACAM4	1.52	3.31E-01	1.00E+00	1.16	3.48E-01	8.51E-01
EMX2	0.31	4.58E-01	1.00E+00	0.39	3.48E-01	8.51E-01
FIG4	0.13	6.17E-01	1.00E+00	-0.22	3.48E-01	8.51E-01
TMPRSS11A	NA	NA	NA	1.76	3.48E-01	8.51E-01
MAMDC4	1.06	1.56E-01	1.00E+00	1.08	3.48E-01	8.51E-01
RNF220	0.03	8.89E-01	1.00E+00	-0.30	3.48E-01	8.51E-01
SEM1	0.10	6.27E-01	1.00E+00	-0.34	3.48E-01	8.51E-01
NR4A2	-1.38	4.28E-02	1.00E+00	0.52	3.48E-01	8.51E-01
ELOCP2	-0.38	9.12E-01	1.00E+00	-0.64	3.48E-01	8.51E-01
ZNF732	-0.67	2.72E-01	1.00E+00	-0.92	3.48E-01	8.51E-01
LSM14A	0.01	9.61E-01	1.00E+00	-0.13	3.48E-01	8.51E-01
NPIPA5	-4.34	2.13E-03	2.39E-01	-0.93	3.49E-01	8.51E-01
APPL2	-0.06	8.32E-01	1.00E+00	-0.18	3.49E-01	8.51E-01
PRMT2	-0.04	7.93E-01	1.00E+00	-0.16	3.49E-01	8.51E-01
XLOC_000566	1.10	6.15E-01	1.00E+00	0.92	3.49E-01	8.51E-01
COPS4	0.07	7.32E-01	1.00E+00	-0.28	3.49E-01	8.51E-01
UBE3D	0.20	5.87E-01	1.00E+00	0.46	3.49E-01	8.51E-01
SSH3	-0.19	3.82E-01	1.00E+00	0.31	3.49E-01	8.51E-01
APEX1	-0.20	2.18E-01	1.00E+00	0.15	3.49E-01	8.51E-01
KCNIP2	4.31	1.04E-02	6.33E-01	-0.95	3.49E-01	8.51E-01
IMMT	-0.18	2.43E-01	1.00E+00	-0.19	3.49E-01	8.51E-01
LANCL1-AS1	-0.10	9.18E-01	1.00E+00	-0.68	3.49E-01	8.51E-01
AP001471.1	-1.49	2.43E-01	1.00E+00	-1.14	3.49E-01	8.51E-01
ASNSP1	1.96	5.66E-01	1.00E+00	-1.99	3.49E-01	8.51E-01
NFYA	-0.12	6.92E-01	1.00E+00	0.36	3.49E-01	8.51E-01

SLC7A6	0.60	1.17E-01	1.00E+00	0.37	3.49E-01	8.51E-01
ZIK1	0.16	5.77E-01	1.00E+00	-0.30	3.49E-01	8.51E-01
FBXL7	-0.10	8.06E-01	1.00E+00	0.74	3.49E-01	8.51E-01
FGF22	0.11	8.58E-01	1.00E+00	-0.74	3.49E-01	8.51E-01
SMCO4	0.30	2.48E-01	1.00E+00	0.30	3.49E-01	8.51E-01
CAV1	0.51	2.39E-01	1.00E+00	-0.40	3.49E-01	8.51E-01
SELENOT	0.21	3.64E-01	1.00E+00	-0.29	3.49E-01	8.51E-01
MAPK9	0.18	4.16E-01	1.00E+00	-0.45	3.49E-01	8.51E-01
GZMB	-0.48	5.23E-01	1.00E+00	2.93	3.49E-01	8.51E-01
BRF1	0.05	7.88E-01	1.00E+00	0.56	3.49E-01	8.51E-01
MAMSTR	-0.25	5.33E-01	1.00E+00	0.34	3.49E-01	8.51E-01
SLC6A15	0.18	6.03E-01	1.00E+00	0.47	3.49E-01	8.51E-01
TWNK	0.01	9.44E-01	1.00E+00	0.49	3.49E-01	8.51E-01
LINC01715	-0.01	9.94E-01	1.00E+00	-0.53	3.49E-01	8.51E-01
AC073326.1	-1.41	5.17E-01	1.00E+00	-1.30	3.49E-01	8.51E-01
SHC2	-0.06	8.88E-01	1.00E+00	0.46	3.49E-01	8.51E-01
RHPN2	0.27	8.14E-01	1.00E+00	-0.66	3.50E-01	8.51E-01
ZEB1-AS1	0.60	2.60E-01	1.00E+00	-0.36	3.50E-01	8.51E-01
CCDC160	0.35	7.24E-01	1.00E+00	-2.00	3.50E-01	8.51E-01
XLOC_003863	1.12	4.71E-01	1.00E+00	-0.84	3.50E-01	8.51E-01
AC010457.1	-0.87	7.99E-01	1.00E+00	-1.19	3.50E-01	8.51E-01
XKR9	-0.73	5.59E-01	1.00E+00	-0.85	3.50E-01	8.51E-01
MRPS12	-0.25	2.69E-01	1.00E+00	0.27	3.50E-01	8.51E-01
ABTB1	0.37	1.80E-01	1.00E+00	0.28	3.50E-01	8.51E-01
AC093510.2	-1.49	6.18E-01	1.00E+00	-1.01	3.50E-01	8.51E-01
PRPF19	-0.15	4.97E-01	1.00E+00	0.56	3.50E-01	8.51E-01
TPM1-AS	0.81	5.27E-01	1.00E+00	0.84	3.50E-01	8.51E-01
NCOA2	-0.09	6.42E-01	1.00E+00	0.31	3.50E-01	8.51E-01
AC245123.1	2.46	1.26E-01	1.00E+00	-1.33	3.50E-01	8.51E-01
RP11-87H9.2	-0.61	2.80E-01	1.00E+00	-0.29	3.50E-01	8.51E-01
GTF2IP12	-0.46	5.38E-01	1.00E+00	-0.51	3.50E-01	8.51E-01
G32166	-0.73	1.77E-01	1.00E+00	-0.50	3.50E-01	8.51E-01

DENND5A	0.25	5.49E-01	1.00E+00	0.49	3.50E-01	8.51E-01
GEMIN8	-0.05	7.91E-01	1.00E+00	0.12	3.50E-01	8.51E-01
HLA-F-AS1	-0.59	3.53E-01	1.00E+00	-0.50	3.50E-01	8.51E-01
LILRB5	-0.04	9.49E-01	1.00E+00	0.58	3.50E-01	8.51E-01
CD58	-0.13	6.84E-01	1.00E+00	-0.43	3.50E-01	8.51E-01
GSDMC	0.10	8.51E-01	1.00E+00	0.63	3.50E-01	8.51E-01
AC004492.1	-0.67	4.28E-01	1.00E+00	0.93	3.50E-01	8.51E-01
GS1-124K5.4	0.19	6.51E-01	1.00E+00	-0.55	3.50E-01	8.51E-01
AL031577.1	-2.14	4.81E-01	1.00E+00	-0.87	3.50E-01	8.51E-01
GPHN	-0.20	3.86E-01	1.00E+00	-0.26	3.50E-01	8.51E-01
CDK5RAP3	0.20	8.84E-01	1.00E+00	0.56	3.51E-01	8.51E-01
NUTM2B-AS1	0.10	7.49E-01	1.00E+00	-0.30	3.51E-01	8.51E-01
RORA-AS1	0.94	2.85E-01	1.00E+00	0.63	3.51E-01	8.51E-01
NECTIN3-AS1	1.42	4.48E-01	1.00E+00	-1.08	3.51E-01	8.51E-01
NDC1	0.06	8.08E-01	1.00E+00	-0.21	3.51E-01	8.51E-01
OGDH	-0.19	3.21E-01	1.00E+00	0.35	3.51E-01	8.51E-01
PRELP	0.54	2.03E-01	1.00E+00	0.40	3.51E-01	8.51E-01
GPR153	0.11	7.42E-01	1.00E+00	0.56	3.51E-01	8.51E-01
RNU4-1	-0.52	7.57E-01	1.00E+00	-0.95	3.51E-01	8.51E-01
AC104135.1	-0.66	6.37E-01	1.00E+00	1.27	3.51E-01	8.51E-01
LINC00535	1.07	5.46E-01	1.00E+00	0.80	3.51E-01	8.51E-01
GRIPAP1	-0.13	5.67E-01	1.00E+00	0.27	3.51E-01	8.51E-01
ACVR1B	-0.16	4.96E-01	1.00E+00	0.46	3.51E-01	8.51E-01
FCRLA	-1.99	3.38E-02	1.00E+00	0.51	3.51E-01	8.51E-01
AC025031.4	-3.32	1.97E-01	1.00E+00	1.32	3.51E-01	8.52E-01
AL356057.1	-0.25	9.41E-01	1.00E+00	-1.19	3.51E-01	8.52E-01
ZNF547	1.44	1.42E-02	7.51E-01	-0.73	3.52E-01	8.52E-01
CEACAM19	-0.29	5.59E-01	1.00E+00	0.60	3.52E-01	8.52E-01
DNAJC22	-2.27	2.43E-03	2.50E-01	-0.69	3.52E-01	8.52E-01
KPNA3	-0.10	6.42E-01	1.00E+00	0.17	3.52E-01	8.52E-01
AL121672.3	0.90	3.61E-01	1.00E+00	-0.51	3.52E-01	8.52E-01
AL117328.1	-2.70	1.59E-01	1.00E+00	1.33	3.52E-01	8.52E-01

CITED2	-0.18	6.66E-01	1.00E+00	0.47	3.52E-01	8.52E-01
CKS1BP1	-3.38	7.98E-02	1.00E+00	0.74	3.52E-01	8.52E-01
CCR3	-0.62	3.22E-01	1.00E+00	0.73	3.52E-01	8.52E-01
RNF208	-0.73	2.10E-02	8.94E-01	0.58	3.52E-01	8.53E-01
CNOT2	-0.09	7.07E-01	1.00E+00	-0.16	3.52E-01	8.53E-01
SUGT1P3	-0.11	9.30E-01	1.00E+00	0.62	3.52E-01	8.53E-01
LIPJ	-1.68	3.15E-01	1.00E+00	-1.12	3.52E-01	8.53E-01
RBM14	-0.07	7.45E-01	1.00E+00	-0.24	3.52E-01	8.53E-01
MCRS1	-0.04	8.35E-01	1.00E+00	0.14	3.52E-01	8.53E-01
ZNF713	-0.84	7.13E-02	1.00E+00	-0.52	3.52E-01	8.53E-01
RPL29P14	-2.65	3.63E-01	1.00E+00	0.95	3.52E-01	8.53E-01
TCFL5	-0.19	4.16E-01	1.00E+00	-0.42	3.52E-01	8.53E-01
TRIM17	-0.91	1.28E-01	1.00E+00	0.97	3.52E-01	8.53E-01
GRAP	-0.51	4.39E-01	1.00E+00	0.79	3.53E-01	8.53E-01
CDK2	0.37	2.47E-01	1.00E+00	-0.22	3.53E-01	8.53E-01
TCAIM	0.23	3.60E-01	1.00E+00	-0.23	3.53E-01	8.53E-01
XLOC_001984	2.33	4.63E-01	1.00E+00	-0.84	3.53E-01	8.53E-01
PTOV1-AS1	-0.30	5.95E-01	1.00E+00	-0.66	3.53E-01	8.53E-01
AC097263.1	-0.95	7.05E-01	1.00E+00	-0.62	3.53E-01	8.53E-01
RPS26P28	-1.27	6.77E-01	1.00E+00	-0.50	3.53E-01	8.53E-01
DPH7	-0.18	4.91E-01	1.00E+00	0.17	3.53E-01	8.53E-01
FNTB	0.34	1.04E-01	1.00E+00	-0.22	3.53E-01	8.53E-01
HS6ST1	-0.33	1.35E-01	1.00E+00	0.59	3.53E-01	8.53E-01
ZMIZ1	-0.47	7.29E-02	1.00E+00	0.44	3.53E-01	8.53E-01
XLOC_009683	-2.03	4.85E-01	1.00E+00	-0.93	3.53E-01	8.53E-01
CTNNA2	-3.14	9.26E-04	1.56E-01	-1.15	3.53E-01	8.53E-01
TANK	0.13	5.50E-01	1.00E+00	-0.19	3.53E-01	8.53E-01
PTCHD1	0.81	3.01E-01	1.00E+00	-0.92	3.53E-01	8.53E-01
MYL2	-1.42	4.68E-01	1.00E+00	-0.87	3.53E-01	8.53E-01
LINC01085	-1.10	7.53E-01	1.00E+00	-1.72	3.53E-01	8.53E-01
HP1BP3	-0.34	1.23E-01	1.00E+00	-0.18	3.53E-01	8.53E-01
SMC3	-0.09	6.33E-01	1.00E+00	-0.15	3.53E-01	8.53E-01

SLC25A12	-0.24	1.62E-01	1.00E+00	-0.17	3.53E-01	8.53E-01
SENCR	0.01	9.91E-01	1.00E+00	0.53	3.53E-01	8.53E-01
BCL2L15	-2.87	1.56E-01	1.00E+00	-1.38	3.53E-01	8.53E-01
SAAL1	-0.05	8.34E-01	1.00E+00	0.23	3.53E-01	8.53E-01
EWSR1	-0.14	5.44E-01	1.00E+00	0.15	3.54E-01	8.53E-01
MLXIP	0.19	4.56E-01	1.00E+00	0.33	3.54E-01	8.53E-01
TPM3	-0.09	5.52E-01	1.00E+00	0.14	3.54E-01	8.53E-01
AFAP1	-0.14	7.40E-01	1.00E+00	0.47	3.54E-01	8.53E-01
FAM72D	0.81	1.74E-01	1.00E+00	-0.49	3.54E-01	8.53E-01
AC102945.2	-0.61	6.35E-01	1.00E+00	1.30	3.54E-01	8.53E-01
RPL10P3	-3.83	1.15E-01	1.00E+00	-2.73	3.54E-01	8.53E-01
MALSU1	0.16	4.29E-01	1.00E+00	-0.26	3.54E-01	8.53E-01
XLOC_012049	-2.03	4.08E-01	1.00E+00	1.28	3.54E-01	8.53E-01
ACCS	-0.95	3.63E-02	1.00E+00	-0.39	3.54E-01	8.53E-01
AL049649.1	-1.29	1.83E-01	1.00E+00	-0.66	3.54E-01	8.53E-01
RBL2	0.15	4.11E-01	1.00E+00	-0.26	3.54E-01	8.53E-01
AP001347.1	-0.26	7.31E-01	1.00E+00	-0.55	3.54E-01	8.53E-01
NEBL-AS1	-0.14	8.30E-01	1.00E+00	-0.66	3.54E-01	8.53E-01
XLOC_014386	0.13	8.94E-01	1.00E+00	-0.39	3.54E-01	8.53E-01
NHSL2	-0.12	7.64E-01	1.00E+00	0.52	3.54E-01	8.53E-01
OMA1	0.35	3.32E-01	1.00E+00	-0.39	3.54E-01	8.53E-01
POP5	-0.21	3.81E-01	1.00E+00	-0.33	3.54E-01	8.53E-01
FAM182A	-0.40	4.20E-01	1.00E+00	-0.56	3.54E-01	8.53E-01
XLOC_006699	-2.40	2.82E-01	1.00E+00	1.34	3.54E-01	8.53E-01
ZNF461	0.29	2.14E-01	1.00E+00	-0.36	3.54E-01	8.53E-01
MRPL42	0.18	4.45E-01	1.00E+00	-0.38	3.54E-01	8.54E-01
MIR1-1HG-AS1	-0.71	6.76E-01	1.00E+00	-1.37	3.54E-01	8.54E-01
NINL	-0.56	8.24E-02	1.00E+00	0.59	3.54E-01	8.54E-01
AC108676.1	-0.09	9.70E-01	1.00E+00	1.64	3.54E-01	8.54E-01
PPFIBP1	0.11	6.05E-01	1.00E+00	0.15	3.54E-01	8.54E-01
KLF7	0.01	9.89E-01	1.00E+00	0.36	3.54E-01	8.54E-01
BANF1P3	0.11	9.14E-01	1.00E+00	0.51	3.55E-01	8.54E-01

AC011503.2	-0.41	7.92E-01	1.00E+00	0.83	3.55E-01	8.54E-01
AC080023.1	-1.49	4.92E-01	1.00E+00	1.15	3.55E-01	8.54E-01
HSPA1B	-0.24	6.31E-01	1.00E+00	-0.55	3.55E-01	8.54E-01
ELOVL7	0.11	8.39E-01	1.00E+00	-0.33	3.55E-01	8.54E-01
SDR9C7	0.57	3.03E-01	1.00E+00	0.69	3.55E-01	8.54E-01
AC073130.1	-0.39	9.09E-01	1.00E+00	1.32	3.55E-01	8.54E-01
WASHC4	-0.01	9.77E-01	1.00E+00	0.23	3.55E-01	8.54E-01
RPL7L1	-0.15	4.14E-01	1.00E+00	0.21	3.55E-01	8.54E-01
SCAMP1	-0.01	9.67E-01	1.00E+00	-0.23	3.55E-01	8.54E-01
EID2	-0.16	4.47E-01	1.00E+00	-0.58	3.55E-01	8.54E-01
AL158201.1	0.25	9.42E-01	1.00E+00	0.61	3.55E-01	8.54E-01
RRN3P1	0.05	9.32E-01	1.00E+00	-0.52	3.55E-01	8.54E-01
RUNDC3A	-0.46	3.02E-01	1.00E+00	0.61	3.55E-01	8.54E-01
TBC1D8	0.36	3.96E-01	1.00E+00	0.41	3.55E-01	8.54E-01
G19262	0.71	8.04E-01	1.00E+00	0.70	3.55E-01	8.54E-01
CDPF1	-0.31	7.19E-02	1.00E+00	-0.29	3.55E-01	8.54E-01
SLC2A1	-0.64	9.79E-02	1.00E+00	0.44	3.55E-01	8.54E-01
ARHGAP20	1.71	3.31E-02	1.00E+00	0.61	3.55E-01	8.54E-01
MON1A	-0.05	8.44E-01	1.00E+00	-0.21	3.55E-01	8.54E-01
NTN5	-0.63	5.60E-01	1.00E+00	1.17	3.55E-01	8.54E-01
SKIV2L	-0.23	3.42E-01	1.00E+00	0.41	3.55E-01	8.54E-01
USP51	0.18	6.79E-01	1.00E+00	0.44	3.55E-01	8.54E-01
PIK3C2B	0.03	9.06E-01	1.00E+00	0.39	3.55E-01	8.54E-01
FBXO38	0.02	9.33E-01	1.00E+00	-0.16	3.55E-01	8.54E-01
AC007249.1	-0.21	9.09E-01	1.00E+00	1.19	3.55E-01	8.54E-01
ALS2CR12	0.13	9.27E-01	1.00E+00	-1.01	3.55E-01	8.54E-01
BMP2K	-0.32	3.48E-01	1.00E+00	0.54	3.56E-01	8.54E-01
MED30	0.06	8.20E-01	1.00E+00	-0.31	3.56E-01	8.54E-01
LIFR	0.43	2.46E-01	1.00E+00	-0.54	3.56E-01	8.54E-01
AC104581.4	0.82	2.51E-01	1.00E+00	0.54	3.56E-01	8.54E-01
SERTAD3	-0.44	6.68E-02	1.00E+00	0.12	3.56E-01	8.54E-01
ZDHC8P1	-0.31	4.63E-01	1.00E+00	-0.68	3.56E-01	8.54E-01

HNRNPA3P5	0.21	8.09E-01	1.00E+00	-0.47	3.56E-01	8.54E-01
DPH1	-0.32	3.23E-01	1.00E+00	-0.32	3.56E-01	8.54E-01
DNAH1	-0.11	8.08E-01	1.00E+00	0.90	3.56E-01	8.54E-01
LINC01535	-2.54	6.36E-02	1.00E+00	-0.84	3.56E-01	8.54E-01
MTA2	-0.26	3.73E-01	1.00E+00	0.60	3.56E-01	8.55E-01
IGLV1-40	0.78	6.56E-01	1.00E+00	2.90	3.56E-01	8.55E-01
TSSC2	0.66	2.28E-01	1.00E+00	0.83	3.56E-01	8.55E-01
LIMA1	-0.04	8.94E-01	1.00E+00	0.22	3.56E-01	8.55E-01
P4HA2	-0.14	5.83E-01	1.00E+00	0.18	3.56E-01	8.55E-01
ADPRH	0.37	4.37E-01	1.00E+00	0.46	3.56E-01	8.55E-01
XPA	0.12	5.93E-01	1.00E+00	-0.33	3.56E-01	8.55E-01
SMG5	0.16	4.74E-01	1.00E+00	0.49	3.56E-01	8.55E-01
CIDEC	4.55	1.04E-02	6.33E-01	-0.91	3.56E-01	8.55E-01
DNASE1	0.08	8.89E-01	1.00E+00	0.49	3.57E-01	8.55E-01
AC008533.1	-3.30	1.94E-01	1.00E+00	0.98	3.57E-01	8.55E-01
HCG11	0.57	9.71E-02	1.00E+00	0.28	3.57E-01	8.55E-01
AC000123.1	1.46	9.75E-02	1.00E+00	0.98	3.57E-01	8.55E-01
FOXJ2	-0.22	2.97E-01	1.00E+00	-0.35	3.57E-01	8.55E-01
AMMECR1	0.05	8.92E-01	1.00E+00	0.28	3.57E-01	8.55E-01
C11orf54	0.65	1.03E-01	1.00E+00	-0.40	3.57E-01	8.55E-01
AC105411.1	0.62	5.34E-01	1.00E+00	-0.82	3.57E-01	8.55E-01
AC010834.3	0.16	8.39E-01	1.00E+00	0.74	3.57E-01	8.55E-01
C5orf46	0.15	7.93E-01	1.00E+00	-0.71	3.57E-01	8.55E-01
TACR1	-0.39	3.27E-01	1.00E+00	-0.56	3.57E-01	8.55E-01
LINC00892	-1.59	4.12E-01	1.00E+00	0.84	3.57E-01	8.55E-01
TRMT10C	-0.05	7.48E-01	1.00E+00	-0.25	3.57E-01	8.55E-01
PIGF	0.11	8.48E-01	1.00E+00	-0.42	3.57E-01	8.56E-01
PLCE1	0.23	6.76E-01	1.00E+00	0.28	3.57E-01	8.56E-01
SLAIN1	0.14	7.77E-01	1.00E+00	-0.85	3.58E-01	8.56E-01
DNAJC9-AS1	0.22	7.51E-01	1.00E+00	-0.56	3.58E-01	8.56E-01
NEURL1	-1.42	7.65E-03	5.36E-01	0.40	3.58E-01	8.56E-01
NUDT3	-0.51	1.58E-01	1.00E+00	0.82	3.58E-01	8.56E-01

TSPOAP1	0.10	8.28E-01	1.00E+00	0.60	3.58E-01	8.56E-01
GPR174	-0.20	8.48E-01	1.00E+00	1.18	3.58E-01	8.56E-01
SBK3	-1.16	4.91E-01	1.00E+00	1.44	3.58E-01	8.56E-01
AP003059.1	-2.02	5.55E-01	1.00E+00	-1.20	3.58E-01	8.56E-01
ABI3BP	0.65	2.28E-01	1.00E+00	0.43	3.58E-01	8.56E-01
PITPNM1	-0.81	1.08E-02	6.40E-01	0.68	3.58E-01	8.56E-01
JUND	-1.25	1.05E-02	6.33E-01	-0.65	3.58E-01	8.56E-01
NOX4	1.10	1.33E-01	1.00E+00	0.48	3.58E-01	8.56E-01
BSPRY	0.11	7.99E-01	1.00E+00	-0.55	3.58E-01	8.56E-01
RBM42	-0.26	2.99E-01	1.00E+00	0.17	3.58E-01	8.56E-01
LSR	-0.35	2.11E-01	1.00E+00	-0.52	3.58E-01	8.56E-01
LINC00482	-0.01	9.82E-01	1.00E+00	-0.82	3.58E-01	8.57E-01
GEMIN7	-0.04	8.97E-01	1.00E+00	-0.36	3.58E-01	8.57E-01
LSM7	-0.36	6.22E-02	1.00E+00	0.24	3.58E-01	8.57E-01
IDS	0.23	3.04E-01	1.00E+00	0.17	3.59E-01	8.57E-01
ZNF316	-0.20	4.47E-01	1.00E+00	0.62	3.59E-01	8.57E-01
AC069224.1	0.00	9.92E-01	1.00E+00	-0.81	3.59E-01	8.57E-01
AC015911.3	1.34	2.82E-01	1.00E+00	1.09	3.59E-01	8.57E-01
DDX20	-0.13	5.77E-01	1.00E+00	-0.20	3.59E-01	8.57E-01
VAT1L	-1.62	5.53E-01	1.00E+00	0.95	3.59E-01	8.57E-01
CD81	0.28	3.30E-01	1.00E+00	0.44	3.59E-01	8.57E-01
ZKSCAN7	-0.20	7.33E-01	1.00E+00	0.79	3.59E-01	8.57E-01
G34277	-1.10	4.56E-01	1.00E+00	1.15	3.59E-01	8.57E-01
FAT3	-0.86	4.12E-02	1.00E+00	-0.93	3.59E-01	8.57E-01
TGFBR3L	-0.45	4.12E-01	1.00E+00	-0.65	3.59E-01	8.57E-01
CES1P1	0.50	5.71E-01	1.00E+00	-0.96	3.59E-01	8.57E-01
CMTM4	0.27	6.45E-01	1.00E+00	0.33	3.59E-01	8.57E-01
SLFN11	0.16	7.35E-01	1.00E+00	0.51	3.59E-01	8.57E-01
DDX42	-0.04	8.14E-01	1.00E+00	0.35	3.59E-01	8.57E-01
AC020661.1	-1.28	3.18E-02	1.00E+00	0.94	3.59E-01	8.57E-01
SIAE	-0.04	8.48E-01	1.00E+00	0.54	3.59E-01	8.57E-01
ACP1	-0.04	7.76E-01	1.00E+00	-0.25	3.59E-01	8.57E-01

RPL24	-0.17	5.38E-01	1.00E+00	0.20	3.59E-01	8.57E-01
FEZ1	-0.08	8.46E-01	1.00E+00	0.30	3.59E-01	8.57E-01
EFHD1	-0.14	7.83E-01	1.00E+00	-0.61	3.59E-01	8.57E-01
ZC3H11B	-2.14	9.64E-02	1.00E+00	-0.51	3.59E-01	8.57E-01
AL050341.2	0.20	6.03E-01	1.00E+00	-0.48	3.59E-01	8.57E-01
RRP7A	-0.01	9.67E-01	1.00E+00	0.22	3.59E-01	8.57E-01
SP4	0.18	5.89E-01	1.00E+00	-0.34	3.59E-01	8.57E-01
HLA-G	0.11	9.02E-01	1.00E+00	0.39	3.59E-01	8.57E-01
FOXO4	-0.20	2.07E-01	1.00E+00	0.48	3.60E-01	8.57E-01
ZNF20	1.22	4.48E-01	1.00E+00	-0.67	3.60E-01	8.57E-01
CXCL10	-3.41	5.38E-03	4.32E-01	2.86	3.60E-01	8.57E-01
AC027702.1	-1.05	1.22E-01	1.00E+00	-0.54	3.60E-01	8.57E-01
CCSER2	-0.24	3.64E-01	1.00E+00	-0.12	3.60E-01	8.57E-01
AP001033.2	-0.05	9.60E-01	1.00E+00	0.74	3.60E-01	8.57E-01
SMS	0.27	1.83E-01	1.00E+00	-0.18	3.60E-01	8.57E-01
IPO8	0.10	6.38E-01	1.00E+00	0.29	3.60E-01	8.57E-01
TM7SF3	-0.04	8.36E-01	1.00E+00	-0.35	3.60E-01	8.57E-01
AC006042.3	1.77	1.77E-01	1.00E+00	0.91	3.60E-01	8.57E-01
FLJ31356	-0.38	6.96E-01	1.00E+00	0.88	3.60E-01	8.57E-01
SOSTDC1	0.22	6.11E-01	1.00E+00	-0.53	3.60E-01	8.57E-01
GPR135	-0.16	8.86E-01	1.00E+00	-0.65	3.60E-01	8.57E-01
AC107072.2	0.41	9.05E-01	1.00E+00	1.14	3.60E-01	8.57E-01
SSBP1	-0.05	7.75E-01	1.00E+00	-0.25	3.60E-01	8.57E-01
G26243	-0.84	5.05E-01	1.00E+00	1.12	3.60E-01	8.57E-01
AC068446.2	1.24	2.20E-01	1.00E+00	0.85	3.60E-01	8.57E-01
AC022968.1	-0.61	8.17E-01	1.00E+00	-0.59	3.60E-01	8.57E-01
AC107214.1	-1.11	1.58E-01	1.00E+00	-0.71	3.60E-01	8.57E-01
PERP	0.03	9.39E-01	1.00E+00	-0.46	3.60E-01	8.57E-01
RNF223	-0.71	3.44E-01	1.00E+00	0.72	3.60E-01	8.57E-01
SIGLEC16	-1.89	9.04E-02	1.00E+00	1.37	3.60E-01	8.57E-01
CHIC1	0.28	2.08E-01	1.00E+00	0.34	3.60E-01	8.57E-01
ARL2BP	0.39	4.25E-01	1.00E+00	0.48	3.60E-01	8.57E-01

RASGRF2-AS1	-2.56	4.55E-01	1.00E+00	1.14	3.60E-01	8.57E-01
BROX	0.10	5.88E-01	1.00E+00	-0.43	3.61E-01	8.57E-01
AL021707.6	-0.94	5.85E-01	1.00E+00	1.01	3.61E-01	8.57E-01
LINC01460	-0.05	9.89E-01	1.00E+00	1.59	3.61E-01	8.57E-01
QRICH1	-0.13	5.74E-01	1.00E+00	0.18	3.61E-01	8.57E-01
UBE2G1	0.19	2.37E-01	1.00E+00	-0.20	3.61E-01	8.57E-01
RIPK3	-0.53	5.17E-02	1.00E+00	0.32	3.61E-01	8.57E-01
CBX3	0.03	9.06E-01	1.00E+00	-0.45	3.61E-01	8.57E-01
AC097637.2	-1.55	6.52E-01	1.00E+00	-1.38	3.61E-01	8.57E-01
SLC38A3	1.15	3.82E-01	1.00E+00	0.97	3.61E-01	8.57E-01
FSIP2	-1.04	9.43E-02	1.00E+00	-0.73	3.61E-01	8.57E-01
LINC00167	-1.74	3.55E-01	1.00E+00	-1.33	3.61E-01	8.57E-01
AC022868.1	-2.49	9.57E-02	1.00E+00	-0.45	3.61E-01	8.57E-01
CCT8	-0.01	9.48E-01	1.00E+00	0.14	3.61E-01	8.57E-01
KCTD21	0.18	7.05E-01	1.00E+00	0.50	3.61E-01	8.57E-01
YBX2	-0.04	9.53E-01	1.00E+00	-0.66	3.61E-01	8.57E-01
RGS12	0.00	9.87E-01	1.00E+00	0.34	3.61E-01	8.57E-01
RGS16	-1.54	1.78E-02	8.38E-01	0.65	3.61E-01	8.57E-01
ELP3	0.20	1.97E-01	1.00E+00	-0.19	3.61E-01	8.57E-01
ABALON	0.96	3.74E-01	1.00E+00	0.58	3.61E-01	8.57E-01
PSMD6	-0.23	3.54E-01	1.00E+00	-0.23	3.61E-01	8.57E-01
AC092718.4	-0.45	2.59E-01	1.00E+00	0.43	3.61E-01	8.57E-01
AC009686.2	-0.18	7.86E-01	1.00E+00	-0.70	3.61E-01	8.57E-01
ATP6V1C2	-0.02	9.74E-01	1.00E+00	-0.41	3.61E-01	8.57E-01
LINC02104	0.98	4.17E-01	1.00E+00	-0.84	3.61E-01	8.57E-01
AC244502.1	-1.02	7.69E-01	1.00E+00	0.99	3.61E-01	8.57E-01
NR1D1	-1.14	4.02E-02	1.00E+00	0.39	3.61E-01	8.57E-01
NAPA	-0.13	5.57E-01	1.00E+00	0.22	3.61E-01	8.57E-01
AC006449.6	-0.29	2.88E-01	1.00E+00	-0.37	3.62E-01	8.57E-01
TTLL12	-0.16	5.88E-01	1.00E+00	-0.42	3.62E-01	8.57E-01
PLIN1	4.75	4.81E-03	4.02E-01	-0.95	3.62E-01	8.57E-01
LINC02175	-0.73	3.41E-01	1.00E+00	-0.76	3.62E-01	8.57E-01

LMO2	0.05	8.81E-01	1.00E+00	0.55	3.62E-01	8.57E-01
TPCN1	0.11	7.79E-01	1.00E+00	0.51	3.62E-01	8.57E-01
AL365226.2	0.99	2.69E-01	1.00E+00	-0.80	3.62E-01	8.57E-01
SMCO3	1.47	8.14E-02	1.00E+00	1.19	3.62E-01	8.57E-01
COL20A1	-0.85	5.72E-01	1.00E+00	1.46	3.62E-01	8.57E-01
ZNF230	0.34	3.41E-01	1.00E+00	-0.27	3.62E-01	8.57E-01
SPCS2	0.10	5.22E-01	1.00E+00	-0.24	3.62E-01	8.57E-01
RRP1	-0.41	9.98E-02	1.00E+00	0.27	3.62E-01	8.57E-01
TYW1	-0.06	8.13E-01	1.00E+00	0.17	3.62E-01	8.57E-01
TRA2B	0.05	8.17E-01	1.00E+00	-0.14	3.62E-01	8.57E-01
CCNB3	-0.34	5.02E-01	1.00E+00	1.07	3.62E-01	8.57E-01
G4361	1.54	3.32E-01	1.00E+00	0.93	3.62E-01	8.57E-01
ZBED4	-0.05	8.53E-01	1.00E+00	0.40	3.62E-01	8.57E-01
G19546	2.17	3.51E-02	1.00E+00	1.22	3.62E-01	8.57E-01
NARF	-0.08	6.40E-01	1.00E+00	-0.21	3.62E-01	8.57E-01
ATL1	-0.14	6.31E-01	1.00E+00	-0.31	3.62E-01	8.57E-01
RGMB-AS1	0.02	9.84E-01	1.00E+00	0.46	3.62E-01	8.58E-01
IQUB	1.16	3.65E-01	1.00E+00	0.93	3.62E-01	8.58E-01
G36482	0.06	9.15E-01	1.00E+00	0.56	3.62E-01	8.58E-01
AL139423.1	-0.14	8.83E-01	1.00E+00	-0.75	3.62E-01	8.58E-01
PBK	0.56	1.17E-01	1.00E+00	0.52	3.62E-01	8.58E-01
AC005253.1	1.78	3.38E-01	1.00E+00	1.24	3.62E-01	8.58E-01
PRKAG2-AS1	-0.36	4.29E-01	1.00E+00	-0.49	3.63E-01	8.58E-01
AC008731.1	0.79	7.41E-01	1.00E+00	0.89	3.63E-01	8.58E-01
ST7-OT4	0.81	8.13E-01	1.00E+00	1.17	3.63E-01	8.58E-01
GCA	0.27	4.99E-01	1.00E+00	-0.26	3.63E-01	8.58E-01
C14orf119	-0.07	7.39E-01	1.00E+00	-0.26	3.63E-01	8.58E-01
AC090425.2	-2.30	4.59E-01	1.00E+00	-1.06	3.63E-01	8.58E-01
ADCYAP1	-2.62	2.09E-01	1.00E+00	1.85	3.63E-01	8.58E-01
AC023043.1	-1.48	5.15E-01	1.00E+00	-0.70	3.63E-01	8.58E-01
TRAF5	0.10	8.16E-01	1.00E+00	0.32	3.63E-01	8.58E-01
TRIM74	-0.16	8.82E-01	1.00E+00	-0.84	3.63E-01	8.58E-01

TOB2P1	-1.93	1.12E-01	1.00E+00	-0.88	3.63E-01	8.58E-01
IGLV3-1	3.22	3.29E-01	1.00E+00	2.87	3.63E-01	8.58E-01
AC016876.1	-0.12	5.91E-01	1.00E+00	0.40	3.63E-01	8.58E-01
TROAP	-0.46	3.36E-01	1.00E+00	0.52	3.63E-01	8.58E-01
AC036176.3	0.16	9.28E-01	1.00E+00	0.83	3.63E-01	8.58E-01
KITLG	0.24	6.14E-01	1.00E+00	0.31	3.63E-01	8.58E-01
SATB1-AS1	0.72	5.00E-01	1.00E+00	1.00	3.63E-01	8.58E-01
CD1D	0.04	9.63E-01	1.00E+00	0.80	3.63E-01	8.58E-01
IPP	-0.20	4.63E-01	1.00E+00	-0.27	3.63E-01	8.58E-01
AC073529.1	-0.14	8.14E-01	1.00E+00	0.61	3.63E-01	8.58E-01
PYCR3	-0.45	1.84E-01	1.00E+00	0.28	3.63E-01	8.58E-01
AC008687.4	-0.64	3.20E-01	1.00E+00	0.99	3.63E-01	8.58E-01
TRIM6	0.02	9.72E-01	1.00E+00	-0.58	3.63E-01	8.58E-01
FSTL4	-0.61	8.53E-02	1.00E+00	0.50	3.63E-01	8.58E-01
VTA1	-0.02	9.32E-01	1.00E+00	-0.34	3.63E-01	8.58E-01
AC010931.2	-0.93	4.44E-01	1.00E+00	-1.04	3.63E-01	8.58E-01
PPP1R7	-0.11	5.76E-01	1.00E+00	-0.20	3.63E-01	8.58E-01
PGBD1	0.55	2.99E-01	1.00E+00	0.59	3.63E-01	8.58E-01
FAM133B	0.29	1.75E-01	1.00E+00	-0.25	3.64E-01	8.58E-01
SNRNP40	-0.06	7.53E-01	1.00E+00	-0.27	3.64E-01	8.58E-01
IQANK1	0.04	9.23E-01	1.00E+00	-0.53	3.64E-01	8.58E-01
ZMYND19	-0.25	3.94E-01	1.00E+00	-0.58	3.64E-01	8.58E-01
IARS	0.00	9.86E-01	1.00E+00	-0.19	3.64E-01	8.58E-01
AC007601.1	0.86	6.92E-01	1.00E+00	-1.45	3.64E-01	8.58E-01
AC012065.2	-0.80	7.31E-01	1.00E+00	1.08	3.64E-01	8.58E-01
STK17B	0.42	6.83E-02	1.00E+00	0.20	3.64E-01	8.58E-01
PLD2	-0.23	3.15E-01	1.00E+00	0.37	3.64E-01	8.58E-01
RAF1	0.16	4.37E-01	1.00E+00	0.18	3.64E-01	8.58E-01
PRR13	0.09	6.39E-01	1.00E+00	-0.37	3.64E-01	8.58E-01
BTBD10P2	0.80	6.20E-01	1.00E+00	1.05	3.64E-01	8.58E-01
SLC35C1	0.13	7.12E-01	1.00E+00	0.49	3.64E-01	8.58E-01
RAB37	0.39	5.25E-01	1.00E+00	0.63	3.64E-01	8.58E-01

SLC22A18	-0.48	7.18E-02	1.00E+00	0.28	3.64E-01	8.58E-01
AL117339.4	0.40	8.11E-01	1.00E+00	-1.58	3.64E-01	8.58E-01
AC022098.1	0.17	6.82E-01	1.00E+00	-0.56	3.64E-01	8.58E-01
COG3	0.33	8.82E-02	1.00E+00	-0.18	3.64E-01	8.58E-01
SBSN	0.22	6.76E-01	1.00E+00	0.65	3.64E-01	8.58E-01
IFNAR1	0.14	3.53E-01	1.00E+00	-0.21	3.64E-01	8.58E-01
AP003716.1	-0.03	9.78E-01	1.00E+00	-0.53	3.65E-01	8.58E-01
SLC35G2	0.62	1.81E-01	1.00E+00	-0.60	3.65E-01	8.58E-01
IGIP	0.49	3.36E-01	1.00E+00	0.34	3.65E-01	8.58E-01
PDHX	0.21	2.58E-01	1.00E+00	-0.22	3.65E-01	8.58E-01
EFNB3	-0.84	1.08E-02	6.42E-01	-0.35	3.65E-01	8.58E-01
SCAPER	-0.06	8.24E-01	1.00E+00	-0.19	3.65E-01	8.58E-01
FOXN3-AS1	-0.68	9.96E-02	1.00E+00	-1.98	3.65E-01	8.58E-01
ZNF567	0.04	8.92E-01	1.00E+00	-0.32	3.65E-01	8.58E-01
KDM1A	-0.11	4.89E-01	1.00E+00	-0.46	3.65E-01	8.58E-01
CHMP1A	-0.26	3.13E-01	1.00E+00	0.21	3.65E-01	8.58E-01
AC005523.1	3.78	3.98E-02	1.00E+00	-0.89	3.65E-01	8.58E-01
ERICH5	0.36	4.45E-01	1.00E+00	-0.61	3.65E-01	8.58E-01
TAS2R14	1.33	3.71E-01	1.00E+00	-0.77	3.65E-01	8.58E-01
MLLT10	-0.05	8.34E-01	1.00E+00	0.26	3.65E-01	8.58E-01
UBE2Q2	0.10	6.37E-01	1.00E+00	-0.26	3.65E-01	8.59E-01
RNF40	-0.17	3.31E-01	1.00E+00	0.50	3.65E-01	8.59E-01
CLMAT3	-0.36	8.86E-01	1.00E+00	-0.69	3.65E-01	8.59E-01
ENO3	-0.50	3.05E-01	1.00E+00	0.51	3.65E-01	8.59E-01
CWC22	-0.02	8.89E-01	1.00E+00	-0.18	3.66E-01	8.59E-01
MFS13A	0.24	4.65E-01	1.00E+00	-0.30	3.66E-01	8.59E-01
TMEM37	1.96	1.67E-02	8.12E-01	-0.54	3.66E-01	8.59E-01
AL132656.1	-0.03	9.36E-01	1.00E+00	0.81	3.66E-01	8.59E-01
TMEM185AP1	0.09	9.43E-01	1.00E+00	-0.53	3.66E-01	8.59E-01
ACRBP	-0.34	4.50E-01	1.00E+00	0.90	3.66E-01	8.59E-01
MAB21L3	-0.22	6.71E-01	1.00E+00	-0.53	3.66E-01	8.59E-01
AMIGO2	0.36	5.82E-01	1.00E+00	0.57	3.66E-01	8.59E-01

BBC3	-0.32	2.30E-01	1.00E+00	0.50	3.66E-01	8.59E-01
AP000769.1	0.74	2.13E-01	1.00E+00	0.50	3.66E-01	8.59E-01
FGFRL1	-0.07	8.73E-01	1.00E+00	0.52	3.66E-01	8.59E-01
ZNF442	-0.32	5.29E-01	1.00E+00	-0.49	3.66E-01	8.59E-01
XLOC_006485	0.76	7.56E-01	1.00E+00	0.92	3.66E-01	8.59E-01
TM4SF19-AS1	-1.01	5.38E-01	1.00E+00	0.85	3.66E-01	8.59E-01
AL441992.1	-0.03	9.46E-01	1.00E+00	-0.31	3.66E-01	8.59E-01
HSPA1L	0.22	6.02E-01	1.00E+00	0.45	3.66E-01	8.59E-01
FADD	-0.08	7.34E-01	1.00E+00	0.32	3.66E-01	8.60E-01
CEBPA	-0.25	5.74E-01	1.00E+00	-1.20	3.66E-01	8.60E-01
EIF3J-DT	-0.02	9.28E-01	1.00E+00	-0.25	3.66E-01	8.60E-01
FGGY	-0.21	5.63E-01	1.00E+00	-0.31	3.66E-01	8.60E-01
TMOD2	-0.06	8.76E-01	1.00E+00	0.38	3.66E-01	8.60E-01
SLC27A3	0.06	6.89E-01	1.00E+00	-0.49	3.67E-01	8.60E-01
MYLK	0.10	8.53E-01	1.00E+00	-0.29	3.67E-01	8.60E-01
AL121899.1	-0.14	8.83E-01	1.00E+00	-0.55	3.67E-01	8.60E-01
ESRG	1.22	1.16E-01	1.00E+00	-0.74	3.67E-01	8.60E-01
DENND1C	-0.02	9.65E-01	1.00E+00	0.64	3.67E-01	8.60E-01
EBF4	-0.13	7.03E-01	1.00E+00	0.78	3.67E-01	8.60E-01
G33057	0.39	7.82E-01	1.00E+00	0.96	3.67E-01	8.60E-01
TNFAIP8L3	0.03	9.33E-01	1.00E+00	-0.40	3.67E-01	8.60E-01
CCDC167	-0.20	4.85E-01	1.00E+00	0.28	3.67E-01	8.60E-01
SUMO2P17	-0.54	6.30E-01	1.00E+00	-0.49	3.67E-01	8.60E-01
EFHC1	0.15	6.81E-01	1.00E+00	-0.26	3.67E-01	8.60E-01
RABGGTA	-0.44	7.38E-02	1.00E+00	0.18	3.67E-01	8.60E-01
XLOC_000076	-0.23	6.79E-01	1.00E+00	0.78	3.67E-01	8.60E-01
ATAD2B	-0.03	9.38E-01	1.00E+00	-0.26	3.67E-01	8.60E-01
AC068722.2	-1.96	3.00E-01	1.00E+00	0.87	3.67E-01	8.60E-01
GGT5	-0.41	3.46E-01	1.00E+00	0.57	3.67E-01	8.60E-01
CCDC112	-0.07	8.26E-01	1.00E+00	-0.24	3.67E-01	8.60E-01
DHX37	-0.23	3.24E-01	1.00E+00	0.64	3.67E-01	8.61E-01
ZDHHC24	-0.07	7.81E-01	1.00E+00	0.27	3.68E-01	8.61E-01

SNORD3A	0.09	9.28E-01	1.00E+00	-0.60	3.68E-01	8.61E-01
NECTIN1	-0.30	4.31E-01	1.00E+00	0.56	3.68E-01	8.61E-01
SHC4	-0.29	5.99E-01	1.00E+00	0.54	3.68E-01	8.61E-01
PIP5K1B	0.47	5.29E-01	1.00E+00	-0.61	3.68E-01	8.61E-01
EMD	-0.14	5.02E-01	1.00E+00	0.20	3.68E-01	8.61E-01
LINC01184	-0.11	6.36E-01	1.00E+00	-0.20	3.68E-01	8.61E-01
CBWD1	-0.23	3.00E-01	1.00E+00	-0.24	3.68E-01	8.61E-01
ARFRP1	0.13	6.14E-01	1.00E+00	0.24	3.68E-01	8.61E-01
STAT4	-0.67	3.91E-01	1.00E+00	0.63	3.68E-01	8.61E-01
GUK1	-0.06	7.94E-01	1.00E+00	-0.23	3.68E-01	8.61E-01
CLDN12	0.31	1.87E-01	1.00E+00	-0.25	3.68E-01	8.61E-01
NSMF	-0.33	2.92E-01	1.00E+00	0.50	3.68E-01	8.61E-01
G40986	0.75	8.23E-01	1.00E+00	-1.19	3.68E-01	8.61E-01
AL049840.3	0.30	6.61E-01	1.00E+00	-0.47	3.68E-01	8.61E-01
CEP104	-0.07	6.62E-01	1.00E+00	-0.35	3.68E-01	8.61E-01
KIAA0319	-0.21	7.85E-01	1.00E+00	0.72	3.68E-01	8.61E-01
OR5BA1P	0.24	7.97E-01	1.00E+00	1.13	3.68E-01	8.61E-01
KIF27	0.04	9.04E-01	1.00E+00	-0.35	3.69E-01	8.61E-01
PRPF38B	0.16	5.08E-01	1.00E+00	0.25	3.69E-01	8.61E-01
AC019097.1	-0.51	6.39E-01	1.00E+00	0.53	3.69E-01	8.62E-01
AC002480.1	-2.65	4.30E-01	1.00E+00	1.30	3.69E-01	8.62E-01
AC009318.3	0.46	7.10E-01	1.00E+00	0.67	3.69E-01	8.62E-01
TMPRSS13	-0.05	9.27E-01	1.00E+00	0.50	3.69E-01	8.62E-01
AC017116.2	0.92	4.77E-01	1.00E+00	0.57	3.69E-01	8.62E-01
ARHGAP27	-0.39	2.15E-01	1.00E+00	0.50	3.69E-01	8.62E-01
SLC22A17	-0.25	5.72E-01	1.00E+00	0.55	3.69E-01	8.62E-01
LINC00520	0.01	9.95E-01	1.00E+00	0.73	3.69E-01	8.62E-01
LEPR	0.92	5.92E-02	1.00E+00	0.45	3.69E-01	8.62E-01
NEAT1	-0.22	5.28E-01	1.00E+00	0.30	3.69E-01	8.62E-01
RANBP9	-0.10	7.67E-01	1.00E+00	0.28	3.69E-01	8.62E-01
RNF135	-0.08	7.38E-01	1.00E+00	-0.17	3.69E-01	8.62E-01
MYOCD	-0.16	7.94E-01	1.00E+00	-0.63	3.69E-01	8.62E-01

AC132008.1	0.47	7.87E-01	1.00E+00	-1.02	3.69E-01	8.62E-01
PTGER1	0.36	7.21E-01	1.00E+00	1.02	3.69E-01	8.62E-01
AC098818.2	1.66	3.97E-01	1.00E+00	0.96	3.69E-01	8.62E-01
TSPAN2	0.09	8.28E-01	1.00E+00	-0.24	3.69E-01	8.62E-01
ADGRD2	-2.60	2.92E-02	9.90E-01	1.09	3.69E-01	8.62E-01
OGDHL	-2.95	2.28E-01	1.00E+00	1.14	3.70E-01	8.62E-01
AC021106.1	0.87	1.88E-01	1.00E+00	0.78	3.70E-01	8.62E-01
AC008507.1	0.99	1.92E-01	1.00E+00	-0.60	3.70E-01	8.62E-01
G31721	1.35	6.95E-01	1.00E+00	2.22	3.70E-01	8.62E-01
ACY3	-0.96	4.62E-01	1.00E+00	1.18	3.70E-01	8.62E-01
RPL4	-0.27	4.42E-01	1.00E+00	0.24	3.70E-01	8.63E-01
XLOC_003874	-0.43	4.86E-01	1.00E+00	-0.71	3.70E-01	8.63E-01
PPP1R11	-0.20	2.13E-01	1.00E+00	-0.20	3.70E-01	8.63E-01
CHMP4C	0.19	6.21E-01	1.00E+00	-0.43	3.70E-01	8.63E-01
SLC18B1	0.30	3.21E-01	1.00E+00	0.19	3.70E-01	8.63E-01
AC090061.1	1.47	5.76E-01	1.00E+00	-1.20	3.70E-01	8.63E-01
CFAP157	0.25	5.34E-01	1.00E+00	0.93	3.70E-01	8.63E-01
GSE1	-0.38	1.68E-01	1.00E+00	0.26	3.70E-01	8.63E-01
TAF1	0.08	7.02E-01	1.00E+00	0.34	3.70E-01	8.63E-01
DSTNP2	-0.43	3.09E-01	1.00E+00	0.30	3.70E-01	8.63E-01
AL450326.1	-0.28	5.21E-01	1.00E+00	0.37	3.71E-01	8.63E-01
AC068647.1	0.95	8.31E-02	1.00E+00	-0.83	3.71E-01	8.63E-01
CYYR1	0.07	8.70E-01	1.00E+00	-0.41	3.71E-01	8.63E-01
MANEA-DT	-0.15	8.28E-01	1.00E+00	-0.46	3.71E-01	8.63E-01
CTLA4	-2.63	1.45E-01	1.00E+00	1.28	3.71E-01	8.63E-01
STRA6	0.34	7.93E-01	1.00E+00	1.06	3.71E-01	8.63E-01
PIP5K1C	-0.51	5.13E-02	1.00E+00	0.55	3.71E-01	8.63E-01
LPCAT3	-0.24	2.53E-01	1.00E+00	-0.21	3.71E-01	8.63E-01
COA6	0.35	1.07E-01	1.00E+00	-0.30	3.71E-01	8.63E-01
SYNCRIP	-0.17	4.11E-01	1.00E+00	0.15	3.71E-01	8.63E-01
CCL19	-0.81	2.21E-01	1.00E+00	0.60	3.71E-01	8.63E-01
CYTH2	0.03	8.74E-01	1.00E+00	0.14	3.71E-01	8.63E-01

ACTC1	-2.23	1.52E-02	7.66E-01	-0.74	3.71E-01	8.63E-01
FCGBP	-0.79	1.51E-01	1.00E+00	-0.53	3.71E-01	8.63E-01
FSBP	-0.36	6.64E-01	1.00E+00	0.50	3.71E-01	8.63E-01
DLG5-AS1	-0.37	3.87E-01	1.00E+00	-0.51	3.71E-01	8.63E-01
AL031274.1	-0.79	4.60E-01	1.00E+00	0.73	3.71E-01	8.63E-01
SPRED1	0.42	1.37E-01	1.00E+00	0.40	3.71E-01	8.63E-01
INTS6	0.00	9.99E-01	1.00E+00	-0.26	3.71E-01	8.63E-01
G16028	4.05	1.15E-01	1.00E+00	1.42	3.71E-01	8.63E-01
ABHD17B	-0.03	9.13E-01	1.00E+00	-0.33	3.71E-01	8.63E-01
PDE12	-0.15	5.19E-01	1.00E+00	0.17	3.71E-01	8.63E-01
TNNI2	-0.27	5.48E-01	1.00E+00	0.48	3.71E-01	8.63E-01
AC097523.1	-2.49	1.45E-01	1.00E+00	-0.42	3.71E-01	8.63E-01
CREBZF	-0.16	6.66E-01	1.00E+00	-0.56	3.71E-01	8.63E-01
MXRA7	0.25	5.87E-01	1.00E+00	-0.57	3.71E-01	8.63E-01
ACP7	0.45	4.99E-01	1.00E+00	0.63	3.71E-01	8.63E-01
ZNF780A	0.96	1.66E-01	1.00E+00	-0.43	3.71E-01	8.63E-01
HERPUD2	-0.12	5.56E-01	1.00E+00	-0.24	3.71E-01	8.63E-01
SERPINB4	-3.24	5.27E-04	1.04E-01	2.80	3.72E-01	8.63E-01
MEIOB	0.59	4.95E-01	1.00E+00	-0.67	3.72E-01	8.64E-01
AC093690.1	-2.34	2.67E-01	1.00E+00	-1.00	3.72E-01	8.64E-01
AL139089.1	2.59	2.26E-01	1.00E+00	-0.93	3.72E-01	8.64E-01
G7791	0.40	6.73E-01	1.00E+00	1.12	3.72E-01	8.64E-01
CHSY3	-0.81	4.71E-02	1.00E+00	0.76	3.72E-01	8.64E-01
HSPD1P6	-3.36	5.25E-02	1.00E+00	-0.92	3.72E-01	8.64E-01
SDF2	0.15	3.00E-01	1.00E+00	0.16	3.72E-01	8.64E-01
STOML1	-0.16	6.28E-01	1.00E+00	0.27	3.72E-01	8.64E-01
RPL4P6	0.59	4.75E-01	1.00E+00	-0.97	3.72E-01	8.64E-01
OR7E102P	-0.52	8.59E-01	1.00E+00	-1.39	3.72E-01	8.64E-01
RPAP1	-0.15	4.57E-01	1.00E+00	-0.37	3.72E-01	8.64E-01
AP003472.1	-1.55	4.54E-01	1.00E+00	-0.76	3.72E-01	8.64E-01
CCNT1	0.32	2.44E-01	1.00E+00	0.28	3.72E-01	8.64E-01
C10orf67	1.04	8.10E-02	1.00E+00	0.74	3.73E-01	8.64E-01

CTD-2201118.1	0.62	5.97E-01	1.00E+00	-1.16	3.73E-01	8.64E-01
AP003721.4	0.49	6.63E-01	1.00E+00	-1.16	3.73E-01	8.64E-01
AC106795.1	0.11	7.78E-01	1.00E+00	-0.33	3.73E-01	8.64E-01
NME1	0.10	7.39E-01	1.00E+00	-0.39	3.73E-01	8.64E-01
AC099343.3	-0.33	2.99E-01	1.00E+00	0.45	3.73E-01	8.64E-01
FOLR1	-0.45	5.42E-01	1.00E+00	-0.65	3.73E-01	8.64E-01
POLD4	0.11	7.62E-01	1.00E+00	0.38	3.73E-01	8.64E-01
PIGB	-0.10	7.21E-01	1.00E+00	-0.33	3.73E-01	8.64E-01
SLX4	-0.58	6.87E-02	1.00E+00	0.75	3.73E-01	8.64E-01
FBXL15	-0.09	7.08E-01	1.00E+00	0.21	3.73E-01	8.64E-01
AC107959.3	-0.04	9.88E-01	1.00E+00	1.52	3.73E-01	8.64E-01
DGKZ	-0.23	3.51E-01	1.00E+00	0.53	3.73E-01	8.64E-01
RAB3IP	0.12	6.12E-01	1.00E+00	-0.24	3.73E-01	8.64E-01
GZMH	-0.62	4.30E-01	1.00E+00	0.85	3.73E-01	8.64E-01
CHAF1A	0.02	9.28E-01	1.00E+00	-0.37	3.73E-01	8.64E-01
DNM3	-0.28	4.09E-01	1.00E+00	-0.44	3.73E-01	8.64E-01
SNX30	0.40	7.94E-02	1.00E+00	0.32	3.73E-01	8.64E-01
AC020910.4	-0.62	1.84E-01	1.00E+00	-0.41	3.73E-01	8.65E-01
AGER	-0.16	8.33E-01	1.00E+00	0.89	3.73E-01	8.65E-01
LINC01343	-2.44	1.25E-01	1.00E+00	0.98	3.73E-01	8.65E-01
LAX1	-0.02	9.79E-01	1.00E+00	0.85	3.74E-01	8.65E-01
DDX1	-0.08	6.22E-01	1.00E+00	-0.20	3.74E-01	8.65E-01
AZIN1-AS1	-0.29	5.08E-01	1.00E+00	-0.49	3.74E-01	8.65E-01
RMDN2	-0.57	1.65E-01	1.00E+00	0.27	3.74E-01	8.65E-01
RN7SL600P	-0.20	8.69E-01	1.00E+00	0.76	3.74E-01	8.65E-01
MRPL40	-0.18	3.26E-01	1.00E+00	-0.26	3.74E-01	8.65E-01
TAGLN	-0.47	4.08E-01	1.00E+00	0.39	3.74E-01	8.65E-01
NPPC	-3.45	2.59E-03	2.61E-01	-0.73	3.74E-01	8.65E-01
PTGES3P3	-1.52	6.60E-01	1.00E+00	-0.55	3.74E-01	8.65E-01
DLGAP1-AS1	0.54	2.03E-01	1.00E+00	0.39	3.74E-01	8.65E-01
ACTG1P23	-1.52	6.60E-01	1.00E+00	0.78	3.74E-01	8.65E-01
ZMYND8	0.02	9.19E-01	1.00E+00	0.21	3.74E-01	8.65E-01

SGMS2	0.19	4.31E-01	1.00E+00	0.26	3.74E-01	8.65E-01
IGHV3-21	1.06	7.61E-01	1.00E+00	2.83	3.74E-01	8.65E-01
MIF-AS1	-0.56	6.09E-01	1.00E+00	-0.82	3.74E-01	8.65E-01
PLPP7	0.28	6.07E-01	1.00E+00	0.43	3.74E-01	8.65E-01
LURAP1	-0.27	5.72E-01	1.00E+00	0.41	3.74E-01	8.65E-01
DDX5	-0.26	1.82E-01	1.00E+00	0.17	3.74E-01	8.65E-01
EAPP	-0.11	6.05E-01	1.00E+00	-0.31	3.74E-01	8.65E-01
B4GALNT2	0.24	6.84E-01	1.00E+00	-0.80	3.74E-01	8.65E-01
SYN3	-0.10	8.66E-01	1.00E+00	-0.75	3.74E-01	8.65E-01
AC005264.1	-0.32	8.23E-01	1.00E+00	1.19	3.74E-01	8.65E-01
SH3TC1	-0.47	1.86E-01	1.00E+00	0.78	3.74E-01	8.65E-01
AL139158.2	0.02	9.60E-01	1.00E+00	-0.50	3.74E-01	8.65E-01
ZNF257	0.43	5.22E-01	1.00E+00	-0.54	3.75E-01	8.65E-01
AC107241.1	2.25	3.37E-01	1.00E+00	0.96	3.75E-01	8.66E-01
AC008391.1	0.04	9.75E-01	1.00E+00	0.81	3.75E-01	8.66E-01
DNMT3B	-0.41	3.15E-01	1.00E+00	0.58	3.75E-01	8.66E-01
MAP3K13	-0.05	7.74E-01	1.00E+00	-0.22	3.75E-01	8.66E-01
ZNF490	-0.33	3.93E-01	1.00E+00	0.39	3.75E-01	8.66E-01
DIO1	-2.41	3.77E-01	1.00E+00	1.12	3.75E-01	8.66E-01
ZNF470	-0.21	5.78E-01	1.00E+00	-0.26	3.75E-01	8.66E-01
AL356056.3	-0.80	6.90E-01	1.00E+00	-0.61	3.75E-01	8.67E-01
GNLY	-1.61	2.08E-02	8.94E-01	0.69	3.75E-01	8.67E-01
CEBPB-AS1	0.00	9.94E-01	1.00E+00	-0.74	3.75E-01	8.67E-01
GTF2IRD2B	-0.02	9.56E-01	1.00E+00	-0.42	3.75E-01	8.67E-01
RAB4B	-2.25	2.04E-01	1.00E+00	0.70	3.76E-01	8.67E-01
ELL	-0.21	4.29E-01	1.00E+00	0.48	3.76E-01	8.67E-01
MAPK12	-0.35	4.96E-01	1.00E+00	0.78	3.76E-01	8.67E-01
TRPM6	0.41	3.90E-01	1.00E+00	0.69	3.76E-01	8.67E-01
AC087257.1	-0.79	6.16E-01	1.00E+00	0.99	3.76E-01	8.67E-01
NEK8	-0.26	4.87E-01	1.00E+00	0.34	3.76E-01	8.67E-01
E2F7	-0.51	5.36E-01	1.00E+00	0.56	3.76E-01	8.67E-01
EXOC4	0.03	9.16E-01	1.00E+00	0.24	3.76E-01	8.67E-01

AP001107.5	-0.67	5.25E-01	1.00E+00	0.89	3.76E-01	8.67E-01
TRIP10	0.09	7.48E-01	1.00E+00	0.36	3.76E-01	8.67E-01
AC068481.1	1.51	4.95E-01	1.00E+00	-0.87	3.76E-01	8.67E-01
XLOC_001309	0.85	2.34E-01	1.00E+00	-0.67	3.76E-01	8.67E-01
SMC1B	-1.70	2.75E-01	1.00E+00	-0.89	3.76E-01	8.67E-01
MS4A2	0.61	3.71E-01	1.00E+00	0.59	3.76E-01	8.68E-01
NDUFB10	-0.14	4.44E-01	1.00E+00	-0.18	3.76E-01	8.68E-01
STARD10	-0.18	4.72E-01	1.00E+00	-0.33	3.76E-01	8.68E-01
TRIM61	2.37	9.73E-02	1.00E+00	1.00	3.77E-01	8.68E-01
ZNF711	-0.07	8.65E-01	1.00E+00	-0.48	3.77E-01	8.68E-01
ESYT3	0.20	7.26E-01	1.00E+00	0.46	3.77E-01	8.68E-01
ELMOD3	1.47	3.03E-02	1.00E+00	-0.55	3.77E-01	8.68E-01
ZNF367	-0.45	1.87E-01	1.00E+00	-0.53	3.77E-01	8.68E-01
MUC1	-0.83	1.20E-01	1.00E+00	0.70	3.77E-01	8.68E-01
MMP16	0.13	8.27E-01	1.00E+00	-0.48	3.77E-01	8.68E-01
ZFP37	0.60	3.73E-01	1.00E+00	0.59	3.77E-01	8.68E-01
SYNRG	-0.09	6.63E-01	1.00E+00	0.31	3.77E-01	8.68E-01
PLEKHF1	-0.02	9.39E-01	1.00E+00	0.43	3.77E-01	8.68E-01
GID8	0.12	6.51E-01	1.00E+00	0.25	3.77E-01	8.68E-01
SNORA77	0.88	4.28E-01	1.00E+00	0.95	3.77E-01	8.68E-01
MT-ND2	-0.04	9.26E-01	1.00E+00	-0.28	3.77E-01	8.68E-01
TRDMT1	-0.29	2.53E-01	1.00E+00	-0.32	3.77E-01	8.68E-01
ZNF721	-0.30	4.28E-01	1.00E+00	-0.26	3.77E-01	8.68E-01
AC024941.2	0.69	8.22E-01	1.00E+00	-0.95	3.77E-01	8.68E-01
CD82	-0.02	9.34E-01	1.00E+00	0.19	3.77E-01	8.68E-01
XLOC_007051	1.67	6.26E-01	1.00E+00	-1.52	3.77E-01	8.68E-01
TIMP3	0.71	1.35E-01	1.00E+00	-0.47	3.77E-01	8.68E-01
GLIPR1L1	1.49	2.12E-01	1.00E+00	-0.61	3.77E-01	8.68E-01
PAIP2	0.24	2.54E-01	1.00E+00	-0.35	3.77E-01	8.68E-01
AC112777.1	-0.19	5.37E-01	1.00E+00	0.62	3.77E-01	8.68E-01
RPS15P5	1.02	7.67E-01	1.00E+00	-0.72	3.77E-01	8.68E-01
NRBP1	-0.10	5.93E-01	1.00E+00	0.13	3.78E-01	8.68E-01

DNAJB2	0.24	4.34E-01	1.00E+00	0.43	3.78E-01	8.68E-01
ANGPTL8	5.11	2.44E-02	9.22E-01	-1.00	3.78E-01	8.68E-01
SHB	-0.24	4.67E-01	1.00E+00	0.50	3.78E-01	8.68E-01
AC024075.1	-0.05	9.39E-01	1.00E+00	0.46	3.78E-01	8.68E-01
RPS27AP11	-0.10	9.61E-01	1.00E+00	-0.68	3.78E-01	8.68E-01
SLN	0.66	4.79E-01	1.00E+00	0.89	3.78E-01	8.68E-01
SEC23A	0.34	2.28E-01	1.00E+00	-0.32	3.78E-01	8.68E-01
BBOF1	-0.10	7.68E-01	1.00E+00	-0.27	3.78E-01	8.68E-01
FZD10-DT	0.12	7.76E-01	1.00E+00	0.40	3.78E-01	8.68E-01
GRIA2	-0.24	8.82E-01	1.00E+00	-0.91	3.78E-01	8.68E-01
PWAR6	-0.52	4.50E-01	1.00E+00	-0.66	3.78E-01	8.68E-01
YOD1	0.37	5.35E-01	1.00E+00	0.41	3.78E-01	8.68E-01
TMEM8A	-0.15	7.11E-01	1.00E+00	0.64	3.78E-01	8.68E-01
AL133355.1	-0.01	9.87E-01	1.00E+00	0.48	3.78E-01	8.68E-01
ZNF32	0.09	7.31E-01	1.00E+00	-0.13	3.78E-01	8.68E-01
SPDYE21P	-0.44	6.84E-01	1.00E+00	0.43	3.78E-01	8.68E-01
EML6	-0.74	1.82E-01	1.00E+00	0.65	3.78E-01	8.68E-01
PDE8B	-0.19	6.89E-01	1.00E+00	-0.42	3.78E-01	8.68E-01
SMC2	-0.17	4.98E-01	1.00E+00	-0.13	3.78E-01	8.68E-01
POMP	0.08	6.86E-01	1.00E+00	-0.32	3.78E-01	8.68E-01
LINC01956	-0.45	5.21E-01	1.00E+00	-0.46	3.78E-01	8.68E-01
MRPL4	-0.24	3.44E-01	1.00E+00	0.19	3.78E-01	8.68E-01
G10846	-0.58	5.00E-01	1.00E+00	-0.59	3.78E-01	8.68E-01
LPGAT1	0.68	1.77E-01	1.00E+00	-0.39	3.78E-01	8.68E-01
GFRA1	0.92	7.42E-02	1.00E+00	0.42	3.78E-01	8.68E-01
DIRC3	0.65	3.41E-01	1.00E+00	-0.41	3.78E-01	8.68E-01
AL354993.1	0.48	7.94E-01	1.00E+00	-0.85	3.78E-01	8.68E-01
LINC01133	-0.35	2.97E-01	1.00E+00	-0.43	3.78E-01	8.68E-01
LINC00511	-0.80	5.20E-02	1.00E+00	0.44	3.78E-01	8.68E-01
VSIG1	-0.86	2.69E-01	1.00E+00	1.03	3.78E-01	8.68E-01
XLOC_012301	-0.59	6.62E-01	1.00E+00	-1.21	3.79E-01	8.68E-01
WDR4	-0.33	2.35E-01	1.00E+00	0.27	3.79E-01	8.68E-01

AC008429.2	-0.09	9.78E-01	1.00E+00	-0.50	3.79E-01	8.68E-01
FUT2	0.12	7.58E-01	1.00E+00	0.47	3.79E-01	8.68E-01
DPM2	-0.23	3.29E-01	1.00E+00	0.15	3.79E-01	8.68E-01
NUDT2	-0.56	2.50E-02	9.28E-01	-0.22	3.79E-01	8.68E-01
AC074134.1	2.53	4.56E-01	1.00E+00	1.17	3.79E-01	8.68E-01
STRCP1	-3.78	3.53E-03	3.20E-01	-1.06	3.79E-01	8.68E-01
ASB11	-0.17	8.53E-01	1.00E+00	-0.80	3.79E-01	8.68E-01
MYH9	-0.29	2.13E-01	1.00E+00	0.52	3.79E-01	8.68E-01
TET1	-0.52	2.60E-01	1.00E+00	-0.41	3.79E-01	8.68E-01
KNTC1	-0.12	6.75E-01	1.00E+00	0.34	3.79E-01	8.68E-01
RPL7P1	0.05	8.69E-01	1.00E+00	-0.48	3.79E-01	8.68E-01
DSG4	-1.95	6.91E-02	1.00E+00	-1.13	3.79E-01	8.68E-01
GLTPD2	-0.94	5.82E-02	1.00E+00	0.80	3.79E-01	8.68E-01
PPP2R1B	0.88	6.36E-02	1.00E+00	-0.28	3.79E-01	8.68E-01
CCDC39	0.44	7.13E-01	1.00E+00	0.88	3.79E-01	8.68E-01
ALG1L9P	-0.67	2.14E-01	1.00E+00	0.62	3.79E-01	8.68E-01
MSTO1	0.18	6.95E-01	1.00E+00	-0.38	3.79E-01	8.68E-01
G31097	-1.25	1.58E-01	1.00E+00	-0.63	3.79E-01	8.68E-01
XLOC_008366	1.49	5.28E-01	1.00E+00	1.03	3.79E-01	8.68E-01
AC017104.1	-0.51	6.02E-01	1.00E+00	1.23	3.79E-01	8.68E-01
ZC2HC1C	0.01	9.76E-01	1.00E+00	-0.58	3.79E-01	8.68E-01
AUH	0.31	2.77E-01	1.00E+00	-0.31	3.79E-01	8.68E-01
LINC01422	0.10	9.39E-01	1.00E+00	-1.05	3.79E-01	8.68E-01
CCNE1	-0.86	7.82E-02	1.00E+00	0.62	3.79E-01	8.68E-01
MIR3150BHG	-0.36	7.01E-01	1.00E+00	0.82	3.79E-01	8.68E-01
NIPBL-DT	0.41	2.36E-01	1.00E+00	-0.40	3.79E-01	8.68E-01
STMN3	-0.26	3.81E-01	1.00E+00	0.51	3.79E-01	8.68E-01
MRPL2	0.00	9.95E-01	1.00E+00	-0.18	3.79E-01	8.68E-01
AC087741.2	-2.93	2.81E-01	1.00E+00	-0.57	3.80E-01	8.68E-01
ACTA1	-1.56	1.98E-01	1.00E+00	-0.79	3.80E-01	8.68E-01
XLOC_008703	0.49	8.86E-01	1.00E+00	1.13	3.80E-01	8.68E-01
MAP4K2	-0.08	7.35E-01	1.00E+00	0.31	3.80E-01	8.68E-01

AC115522.1	-0.27	5.73E-01	1.00E+00	0.44	3.80E-01	8.68E-01
PPP1R14B	-0.13	6.71E-01	1.00E+00	-0.54	3.80E-01	8.68E-01
C9orf72	0.19	5.62E-01	1.00E+00	0.23	3.80E-01	8.68E-01
FAM208B	-0.42	2.55E-02	9.29E-01	0.36	3.80E-01	8.68E-01
RASSF9	-0.75	4.53E-02	1.00E+00	-0.35	3.80E-01	8.68E-01
DUSP12	-0.09	7.47E-01	1.00E+00	0.21	3.80E-01	8.68E-01
AC004951.1	-1.19	2.74E-01	1.00E+00	-0.59	3.80E-01	8.68E-01
AKAP9	-0.01	9.73E-01	1.00E+00	-0.28	3.80E-01	8.68E-01
C22orf34	-0.08	8.95E-01	1.00E+00	0.69	3.80E-01	8.68E-01
PAQR4	-0.54	1.98E-01	1.00E+00	-0.58	3.80E-01	8.68E-01
AZIN2	-0.01	9.91E-01	1.00E+00	0.55	3.80E-01	8.68E-01
MRPS33	-0.02	9.02E-01	1.00E+00	-0.25	3.80E-01	8.68E-01
COQ7	0.19	5.25E-01	1.00E+00	-0.17	3.80E-01	8.68E-01
KCND2	0.53	4.99E-01	1.00E+00	0.66	3.80E-01	8.68E-01
AC124283.4	0.04	9.81E-01	1.00E+00	1.02	3.80E-01	8.68E-01
SWI5	0.03	9.29E-01	1.00E+00	-0.21	3.80E-01	8.68E-01
SLC35D1	0.45	1.98E-01	1.00E+00	0.19	3.80E-01	8.68E-01
ELP1	0.27	2.25E-01	1.00E+00	0.25	3.80E-01	8.68E-01
KCTD15	-0.03	9.42E-01	1.00E+00	0.34	3.80E-01	8.68E-01
CARD18	-0.08	9.18E-01	1.00E+00	-0.58	3.80E-01	8.68E-01
THRAP3	-0.08	7.31E-01	1.00E+00	0.18	3.81E-01	8.68E-01
MINOS1P3	0.36	9.17E-01	1.00E+00	1.49	3.81E-01	8.68E-01
TP53TG3D	-1.62	1.85E-01	1.00E+00	-0.79	3.81E-01	8.68E-01
AMPH	-0.14	8.37E-01	1.00E+00	0.65	3.81E-01	8.68E-01
PPP6R1	-0.21	3.86E-01	1.00E+00	0.68	3.81E-01	8.68E-01
MTFMT	0.01	9.68E-01	1.00E+00	0.17	3.81E-01	8.68E-01
ZBTB18	-0.07	7.13E-01	1.00E+00	0.39	3.81E-01	8.68E-01
GKN1	-2.77	1.89E-01	1.00E+00	-1.58	3.81E-01	8.68E-01
DLEU1	0.07	8.36E-01	1.00E+00	-0.36	3.81E-01	8.68E-01
LINC00663	-1.38	3.32E-01	1.00E+00	-0.58	3.81E-01	8.68E-01
AC087516.2	0.09	9.58E-01	1.00E+00	-1.17	3.81E-01	8.68E-01
RPF2	0.07	7.64E-01	1.00E+00	-0.23	3.81E-01	8.68E-01

RANBP6	-0.06	8.06E-01	1.00E+00	-0.23	3.81E-01	8.68E-01
C10orf88	-0.14	6.09E-01	1.00E+00	-0.24	3.81E-01	8.68E-01
RPL12P44	-0.83	8.07E-01	1.00E+00	-0.81	3.81E-01	8.68E-01
TNFRSF25	0.59	3.32E-01	1.00E+00	0.57	3.81E-01	8.68E-01
AL512625.3	-2.14	4.76E-01	1.00E+00	-1.09	3.81E-01	8.68E-01
SPINK8	-0.40	8.85E-01	1.00E+00	-1.67	3.81E-01	8.68E-01
IRX4	-0.61	7.54E-02	1.00E+00	-0.69	3.81E-01	8.68E-01
AC136621.1	0.56	3.68E-01	1.00E+00	-0.87	3.81E-01	8.68E-01
XLOC_003405	0.97	3.13E-01	1.00E+00	-1.06	3.81E-01	8.68E-01
G42447	0.43	7.76E-01	1.00E+00	-0.80	3.81E-01	8.68E-01
AC009063.3	-2.54	1.95E-01	1.00E+00	0.77	3.81E-01	8.68E-01
RGS9BP	0.10	8.79E-01	1.00E+00	-0.87	3.81E-01	8.68E-01
RHOC	0.01	9.72E-01	1.00E+00	0.18	3.81E-01	8.68E-01
IGLV1-44	3.64	2.31E-03	2.43E-01	2.75	3.81E-01	8.68E-01
GABRP	-0.13	8.52E-01	1.00E+00	0.70	3.81E-01	8.68E-01
SPRR3	-1.24	7.17E-01	1.00E+00	2.78	3.82E-01	8.68E-01
ABCA6	0.47	3.53E-01	1.00E+00	0.44	3.82E-01	8.68E-01
SLFN13	0.01	9.78E-01	1.00E+00	0.31	3.82E-01	8.68E-01
RAET1E	0.08	9.03E-01	1.00E+00	0.47	3.82E-01	8.68E-01
PSG5	0.56	6.91E-01	1.00E+00	-0.88	3.82E-01	8.68E-01
HELLPAR	1.00	3.67E-01	1.00E+00	-0.60	3.82E-01	8.68E-01
CRACR2B	0.32	6.49E-01	1.00E+00	-0.36	3.82E-01	8.68E-01
ABCA9	0.31	6.13E-01	1.00E+00	0.59	3.82E-01	8.68E-01
LINC01451	-0.99	3.29E-01	1.00E+00	-0.66	3.82E-01	8.68E-01
ACTG1P10	-1.39	3.60E-01	1.00E+00	-1.13	3.82E-01	8.68E-01
IL25	-3.90	4.29E-02	1.00E+00	-1.08	3.82E-01	8.68E-01
MT-TF	0.51	5.27E-01	1.00E+00	-0.38	3.82E-01	8.68E-01
RGS7	2.37	4.34E-02	1.00E+00	1.31	3.82E-01	8.68E-01
CHID1	0.03	8.94E-01	1.00E+00	0.11	3.82E-01	8.68E-01
RAI1	-0.71	3.27E-02	1.00E+00	0.72	3.82E-01	8.68E-01
ALKBH7	-0.08	7.44E-01	1.00E+00	0.16	3.82E-01	8.68E-01
AC016831.6	0.96	4.35E-01	1.00E+00	0.56	3.82E-01	8.68E-01

AL355607.1	-1.13	6.37E-01	1.00E+00	-1.14	3.82E-01	8.68E-01
APBB3	-0.43	2.23E-01	1.00E+00	0.37	3.82E-01	8.68E-01
G43312	1.48	8.75E-02	1.00E+00	-0.82	3.82E-01	8.68E-01
FAM131A	-0.11	7.62E-01	1.00E+00	0.35	3.82E-01	8.68E-01
SPATA21	1.96	3.42E-01	1.00E+00	1.04	3.82E-01	8.68E-01
AC079305.1	-0.47	5.89E-01	1.00E+00	0.55	3.82E-01	8.68E-01
TIMM17B	0.01	9.39E-01	1.00E+00	0.17	3.82E-01	8.68E-01
DLG3	0.16	2.79E-01	1.00E+00	-0.41	3.82E-01	8.68E-01
SNX14	0.17	3.24E-01	1.00E+00	-0.17	3.82E-01	8.68E-01
AP005264.5	-2.36	8.04E-02	1.00E+00	-0.74	3.82E-01	8.68E-01
G36605	0.19	8.29E-01	1.00E+00	0.76	3.82E-01	8.68E-01
RPGRIP1L	-0.01	9.86E-01	1.00E+00	0.30	3.83E-01	8.68E-01
WFIKK2	2.55	3.06E-03	2.89E-01	0.91	3.83E-01	8.68E-01
EIF3H	-0.17	5.21E-01	1.00E+00	0.15	3.83E-01	8.68E-01
SNX27	0.32	1.85E-01	1.00E+00	-0.24	3.83E-01	8.68E-01
1-Mar	2.36	5.27E-02	1.00E+00	-0.78	3.83E-01	8.68E-01
MINCR	0.43	3.17E-01	1.00E+00	-0.43	3.83E-01	8.68E-01
TNIP3	-1.31	5.49E-01	1.00E+00	1.06	3.83E-01	8.68E-01
LINC00476	-0.07	8.53E-01	1.00E+00	-0.26	3.83E-01	8.69E-01
ARFGAP2	0.13	5.79E-01	1.00E+00	0.14	3.83E-01	8.69E-01
HNRNPA1P48	-0.12	7.14E-01	1.00E+00	-0.25	3.83E-01	8.69E-01
LYPD2	0.43	4.16E-01	1.00E+00	0.55	3.83E-01	8.69E-01
HMG1	0.00	9.88E-01	1.00E+00	-0.19	3.83E-01	8.69E-01
XLOC_001642	-0.85	5.92E-01	1.00E+00	0.94	3.83E-01	8.69E-01
OTX1	-0.27	4.01E-01	1.00E+00	-0.41	3.83E-01	8.69E-01
RIC8B	-0.04	9.16E-01	1.00E+00	-0.29	3.83E-01	8.69E-01
RAB11FIP5	0.06	7.76E-01	1.00E+00	0.47	3.83E-01	8.69E-01
PIR	0.11	6.71E-01	1.00E+00	-0.24	3.83E-01	8.69E-01
RPL18	-0.21	4.82E-01	1.00E+00	0.27	3.83E-01	8.69E-01
TMEM245	0.65	5.17E-02	1.00E+00	-0.26	3.83E-01	8.69E-01
HOXA7	-0.40	3.24E-01	1.00E+00	-0.43	3.83E-01	8.69E-01
GABPB1-IT1	-0.17	4.96E-01	1.00E+00	-0.50	3.84E-01	8.69E-01

PFDN6	-0.10	6.09E-01	1.00E+00	0.26	3.84E-01	8.69E-01
MAP3K11	-0.42	2.63E-02	9.46E-01	0.56	3.84E-01	8.69E-01
ZNRD1ASP	0.33	5.29E-01	1.00E+00	0.44	3.84E-01	8.69E-01
SUCNR1	0.56	4.32E-01	1.00E+00	-0.50	3.84E-01	8.69E-01
HMGN1P4	0.54	7.73E-01	1.00E+00	-0.56	3.84E-01	8.69E-01
SOCS4	0.09	7.41E-01	1.00E+00	-0.19	3.84E-01	8.69E-01
VPS11	0.09	6.14E-01	1.00E+00	0.13	3.84E-01	8.69E-01
DECR2	0.15	7.07E-01	1.00E+00	-0.21	3.84E-01	8.69E-01
SCARA3	-0.04	8.91E-01	1.00E+00	0.56	3.84E-01	8.69E-01
CCDC130	-0.42	1.40E-01	1.00E+00	0.24	3.84E-01	8.69E-01
RAB6D	1.06	7.61E-01	1.00E+00	-0.58	3.84E-01	8.69E-01
AC011476.3	0.07	9.25E-01	1.00E+00	0.66	3.84E-01	8.69E-01
CLTA	0.00	9.78E-01	1.00E+00	0.20	3.84E-01	8.69E-01
APOBEC3F	-0.28	4.99E-01	1.00E+00	0.41	3.84E-01	8.69E-01
G35698	0.15	9.04E-01	1.00E+00	-0.83	3.84E-01	8.69E-01
LINC01484	2.60	1.76E-01	1.00E+00	-1.00	3.84E-01	8.69E-01
GZF1	-0.11	6.60E-01	1.00E+00	0.34	3.84E-01	8.69E-01
ST20-AS1	-0.44	4.93E-01	1.00E+00	-0.53	3.84E-01	8.69E-01
TTC27	0.02	9.06E-01	1.00E+00	-0.18	3.84E-01	8.69E-01
XLOC_002585	1.62	5.35E-02	1.00E+00	0.91	3.84E-01	8.69E-01
TUBG2	0.03	9.45E-01	1.00E+00	0.21	3.84E-01	8.69E-01
C9orf41-AS1	1.88	3.76E-01	1.00E+00	-0.60	3.85E-01	8.69E-01
USB1	-0.25	2.38E-01	1.00E+00	0.26	3.85E-01	8.69E-01
AC109454.2	-0.34	8.07E-01	1.00E+00	-0.52	3.85E-01	8.69E-01
AC093390.1	-2.09	1.19E-01	1.00E+00	1.14	3.85E-01	8.69E-01
TYK2	-0.04	8.58E-01	1.00E+00	0.51	3.85E-01	8.69E-01
AC007364.1	0.56	8.71E-01	1.00E+00	-0.84	3.85E-01	8.69E-01
SLC35G1	0.36	3.98E-01	1.00E+00	-0.34	3.85E-01	8.69E-01
DNAJB11	-0.10	5.26E-01	1.00E+00	0.20	3.85E-01	8.69E-01
PCTP	0.52	1.59E-01	1.00E+00	0.31	3.85E-01	8.69E-01
LINC00654	0.79	2.43E-01	1.00E+00	0.84	3.85E-01	8.69E-01
AC115618.2	-0.24	2.07E-01	1.00E+00	0.73	3.85E-01	8.70E-01

AP000568.1	-0.06	9.86E-01	1.00E+00	-0.73	3.85E-01	8.70E-01
LINC01224	-0.16	8.88E-01	1.00E+00	-1.06	3.85E-01	8.70E-01
NES	0.03	9.47E-01	1.00E+00	0.70	3.85E-01	8.70E-01
MTMR9LP	-0.17	8.23E-01	1.00E+00	0.60	3.85E-01	8.70E-01
ZNF30	-0.04	9.31E-01	1.00E+00	0.35	3.85E-01	8.70E-01
C8orf33	0.19	3.11E-01	1.00E+00	-0.16	3.85E-01	8.70E-01
ZNF277	-0.11	6.68E-01	1.00E+00	0.18	3.85E-01	8.70E-01
TSPAN5	0.26	4.97E-01	1.00E+00	-0.34	3.86E-01	8.70E-01
NFE2	0.54	6.88E-01	1.00E+00	0.47	3.86E-01	8.70E-01
DUSP22	0.13	3.99E-01	1.00E+00	-0.10	3.86E-01	8.70E-01
CNEP1R1	0.23	4.99E-01	1.00E+00	-0.24	3.86E-01	8.70E-01
LRRC8A	-0.12	5.44E-01	1.00E+00	0.28	3.86E-01	8.70E-01
ZNF79	-0.43	1.58E-01	1.00E+00	0.49	3.86E-01	8.70E-01
STUM	-0.26	4.72E-01	1.00E+00	-0.59	3.86E-01	8.70E-01
TIFAB	-0.27	7.64E-01	1.00E+00	2.67	3.86E-01	8.70E-01
DEXI	-0.26	5.10E-01	1.00E+00	0.87	3.86E-01	8.70E-01
ARHGEF40	0.23	5.93E-01	1.00E+00	0.53	3.86E-01	8.70E-01
XLOC_008667	0.34	7.81E-01	1.00E+00	-0.90	3.86E-01	8.70E-01
TOX4P1	-1.60	6.43E-01	1.00E+00	-1.05	3.86E-01	8.70E-01
GLTP	0.14	7.31E-01	1.00E+00	-0.35	3.86E-01	8.70E-01
MCC	-0.31	3.50E-01	1.00E+00	-0.22	3.86E-01	8.70E-01
FHDC1	-0.19	7.10E-01	1.00E+00	0.54	3.86E-01	8.70E-01
G0S2	4.01	5.87E-03	4.57E-01	-0.69	3.86E-01	8.70E-01
KIAA1324	0.05	9.48E-01	1.00E+00	-0.59	3.86E-01	8.70E-01
MFSD4A	0.05	9.29E-01	1.00E+00	-0.42	3.86E-01	8.70E-01
GNL3L	-0.07	7.85E-01	1.00E+00	-0.34	3.86E-01	8.70E-01
AJM1	-1.01	2.24E-01	1.00E+00	0.34	3.86E-01	8.70E-01
OGFR	-0.11	6.98E-01	1.00E+00	0.83	3.86E-01	8.70E-01
TMEM71	0.67	6.29E-02	1.00E+00	0.44	3.86E-01	8.70E-01
SLC26A1	0.34	6.03E-01	1.00E+00	0.90	3.86E-01	8.70E-01
BVES	0.47	3.87E-01	1.00E+00	0.53	3.86E-01	8.70E-01
UQCR10	0.07	6.77E-01	1.00E+00	-0.36	3.86E-01	8.70E-01

HSPA4	-0.03	8.61E-01	1.00E+00	0.22	3.86E-01	8.70E-01
BX284668.4	-2.53	6.40E-02	1.00E+00	-0.69	3.86E-01	8.70E-01
CCDC81	-2.76	3.03E-02	1.00E+00	0.82	3.86E-01	8.70E-01
SLC7A5	-0.76	1.14E-01	1.00E+00	0.62	3.86E-01	8.70E-01
PGAM1P8	0.59	4.65E-01	1.00E+00	0.88	3.86E-01	8.70E-01
DNALI1	0.74	1.77E-01	1.00E+00	0.37	3.87E-01	8.70E-01
AARSD1	0.21	8.79E-01	1.00E+00	0.65	3.87E-01	8.70E-01
DNAJB4	0.35	2.71E-01	1.00E+00	-0.26	3.87E-01	8.70E-01
SPRR2G	-0.82	2.86E-01	1.00E+00	2.71	3.87E-01	8.70E-01
ADRA2B	-0.32	6.31E-01	1.00E+00	-0.97	3.87E-01	8.70E-01
MSMB	0.03	9.67E-01	1.00E+00	-0.82	3.87E-01	8.70E-01
VPS16	-0.19	3.70E-01	1.00E+00	0.19	3.87E-01	8.70E-01
VPS45	-0.05	7.91E-01	1.00E+00	-0.16	3.87E-01	8.70E-01
LINC01909	-0.27	9.16E-01	1.00E+00	1.00	3.87E-01	8.70E-01
PARD3-AS1	0.96	2.47E-01	1.00E+00	-0.70	3.87E-01	8.70E-01
ADAMTS3	-0.41	3.84E-01	1.00E+00	0.79	3.87E-01	8.70E-01
AL122035.2	-1.06	2.37E-01	1.00E+00	0.82	3.87E-01	8.70E-01
AC108463.1	1.67	3.71E-01	1.00E+00	1.14	3.87E-01	8.70E-01
TMEM234	0.53	1.50E-01	1.00E+00	0.29	3.87E-01	8.71E-01
AC105446.1	NA	NA	NA	-0.78	3.87E-01	8.71E-01
C2orf73	2.84	2.39E-02	9.18E-01	1.16	3.87E-01	8.71E-01
CEBPA-DT	-0.35	7.51E-01	1.00E+00	-0.52	3.87E-01	8.71E-01
CFAP70	-1.28	2.23E-03	2.39E-01	-0.62	3.87E-01	8.71E-01
IZUMO4	-0.36	4.91E-01	1.00E+00	-0.41	3.88E-01	8.71E-01
NR2C2	0.20	5.41E-01	1.00E+00	0.31	3.88E-01	8.71E-01
LINC00578	-1.99	7.75E-02	1.00E+00	-0.55	3.88E-01	8.71E-01
ADRA2A	0.32	4.45E-01	1.00E+00	0.68	3.88E-01	8.71E-01
ANO7L1	0.15	7.47E-01	1.00E+00	0.29	3.88E-01	8.71E-01
DHRS4L2	-0.34	2.50E-01	1.00E+00	-0.19	3.88E-01	8.71E-01
LMO3	0.52	6.18E-01	1.00E+00	-0.82	3.88E-01	8.71E-01
ANO2	0.39	3.26E-01	1.00E+00	0.89	3.88E-01	8.71E-01
ZNF853	0.03	9.43E-01	1.00E+00	0.66	3.88E-01	8.71E-01

AL121761.1	0.03	9.72E-01	1.00E+00	-0.61	3.88E-01	8.71E-01
ERAP1	-0.22	4.45E-01	1.00E+00	0.24	3.88E-01	8.71E-01
TRIM68	0.16	5.10E-01	1.00E+00	-0.37	3.88E-01	8.71E-01
GRK6	0.01	9.77E-01	1.00E+00	0.43	3.88E-01	8.71E-01
URGCP	-0.01	9.70E-01	1.00E+00	0.22	3.88E-01	8.71E-01
IGLV3-21	7.59	5.71E-15	4.43E-12	2.71	3.88E-01	8.71E-01
UBQLN2	-0.21	2.22E-01	1.00E+00	-0.18	3.88E-01	8.71E-01
XLOC_000263	-2.47	4.70E-01	1.00E+00	1.40	3.88E-01	8.71E-01
LILRB1	-0.60	3.83E-01	1.00E+00	2.70	3.88E-01	8.71E-01
RN7SL4P	-1.35	6.55E-01	1.00E+00	-1.00	3.88E-01	8.71E-01
PCSK9	-1.14	9.25E-02	1.00E+00	-0.80	3.88E-01	8.71E-01
LILRA2	-1.66	7.36E-02	1.00E+00	2.17	3.88E-01	8.71E-01
RHAG	-2.24	9.13E-02	1.00E+00	1.38	3.88E-01	8.71E-01
MT-ND3	0.07	8.81E-01	1.00E+00	-0.34	3.89E-01	8.71E-01
THBS3	0.11	8.12E-01	1.00E+00	0.46	3.89E-01	8.71E-01
MMP1	0.06	9.74E-01	1.00E+00	2.71	3.89E-01	8.71E-01
TMC5	0.55	2.36E-01	1.00E+00	-0.44	3.89E-01	8.71E-01
AL357515.1	-0.25	9.07E-01	1.00E+00	0.76	3.89E-01	8.71E-01
BTBD1	-0.11	5.91E-01	1.00E+00	-0.56	3.89E-01	8.71E-01
ZNF83	-0.03	9.07E-01	1.00E+00	-0.21	3.89E-01	8.71E-01
BCL6B	0.16	7.47E-01	1.00E+00	0.49	3.89E-01	8.71E-01
AC079062.1	-10.73	1.72E-03	2.29E-01	2.01	3.89E-01	8.71E-01
ZNF160	0.06	8.12E-01	1.00E+00	-0.19	3.89E-01	8.71E-01
MIR3648	-0.03	9.59E-01	1.00E+00	-1.31	3.89E-01	8.71E-01
RBPMS2	-0.12	8.61E-01	1.00E+00	-0.51	3.89E-01	8.72E-01
MPPED1	-0.89	3.87E-01	1.00E+00	-0.74	3.89E-01	8.72E-01
SPDYE2	-1.08	4.23E-01	1.00E+00	0.47	3.89E-01	8.72E-01
CPA2	7.37	1.02E-02	6.27E-01	1.10	3.89E-01	8.72E-01
OTUD6B	-0.01	9.72E-01	1.00E+00	-0.21	3.89E-01	8.72E-01
ZNF619	0.27	4.36E-01	1.00E+00	0.33	3.89E-01	8.72E-01
TRPV1	0.27	6.45E-01	1.00E+00	0.76	3.89E-01	8.72E-01
FAM222B	-0.39	4.55E-02	1.00E+00	0.25	3.89E-01	8.72E-01

PRUNE2	-0.25	6.85E-01	1.00E+00	0.40	3.89E-01	8.72E-01
G16904	0.43	6.40E-01	1.00E+00	1.16	3.89E-01	8.72E-01
TOMM70	0.04	7.73E-01	1.00E+00	-0.31	3.90E-01	8.72E-01
MYOSLID	-0.90	6.32E-01	1.00E+00	0.64	3.90E-01	8.72E-01
C10orf105	1.49	1.59E-01	1.00E+00	1.03	3.90E-01	8.72E-01
TUBB6	-0.09	6.55E-01	1.00E+00	0.25	3.90E-01	8.72E-01
AC004024.1	-0.70	8.10E-01	1.00E+00	-0.77	3.90E-01	8.72E-01
BMS1P8	3.94	3.21E-02	1.00E+00	0.51	3.90E-01	8.72E-01
ECM2	0.94	9.48E-03	6.06E-01	0.42	3.90E-01	8.72E-01
TRAPPC2B	0.49	1.29E-01	1.00E+00	-0.45	3.90E-01	8.72E-01
CROCCP3	-0.65	2.55E-01	1.00E+00	0.56	3.90E-01	8.72E-01
ELOA-AS1	-1.56	1.95E-01	1.00E+00	-0.52	3.90E-01	8.72E-01
GNB2	-0.12	6.42E-01	1.00E+00	0.47	3.90E-01	8.72E-01
PREB	0.22	4.04E-01	1.00E+00	-0.31	3.90E-01	8.72E-01
ST8SIA5	-5.15	6.66E-04	1.23E-01	-1.09	3.90E-01	8.72E-01
C6orf48	-0.10	7.72E-01	1.00E+00	0.53	3.90E-01	8.72E-01
SLC31A2	0.05	9.36E-01	1.00E+00	0.55	3.90E-01	8.72E-01
FAM169A	-1.25	6.27E-02	1.00E+00	0.91	3.90E-01	8.72E-01
FARS2	-0.27	3.29E-01	1.00E+00	0.13	3.90E-01	8.72E-01
C2CD6	-1.17	3.75E-01	1.00E+00	0.76	3.90E-01	8.72E-01
ATPAF2	0.02	9.44E-01	1.00E+00	0.15	3.90E-01	8.72E-01
ZFYVE28	-0.54	1.78E-01	1.00E+00	0.56	3.90E-01	8.72E-01
G113	0.22	8.54E-01	1.00E+00	-0.86	3.90E-01	8.72E-01
DNAJC16	0.18	5.61E-01	1.00E+00	0.24	3.90E-01	8.72E-01
FCMR	-0.30	4.86E-01	1.00E+00	0.38	3.91E-01	8.72E-01
AC244153.1	0.59	2.06E-01	1.00E+00	0.38	3.91E-01	8.73E-01
LINC02352	1.97	6.35E-02	1.00E+00	-0.68	3.91E-01	8.73E-01
GP9	1.62	3.65E-01	1.00E+00	-1.36	3.91E-01	8.73E-01
ZSCAN25	-0.24	2.75E-01	1.00E+00	-0.18	3.91E-01	8.73E-01
BRINP2	-0.25	8.56E-01	1.00E+00	1.04	3.91E-01	8.73E-01
TTC31	-0.04	8.18E-01	1.00E+00	0.11	3.91E-01	8.73E-01
MYL5	0.36	1.94E-01	1.00E+00	0.26	3.91E-01	8.73E-01

TRAK1	0.00	9.88E-01	1.00E+00	0.25	3.91E-01	8.73E-01
ZNF449	0.29	6.90E-01	1.00E+00	-0.50	3.91E-01	8.73E-01
SMARCC2	-0.23	2.17E-01	1.00E+00	-0.17	3.91E-01	8.73E-01
ZNF561-AS1	-0.17	5.38E-01	1.00E+00	-0.32	3.91E-01	8.73E-01
KRT19	-0.27	8.01E-01	1.00E+00	-0.58	3.91E-01	8.73E-01
AC104123.1	-0.35	7.25E-01	1.00E+00	-0.67	3.91E-01	8.73E-01
SLC39A10	-0.22	3.67E-01	1.00E+00	-0.30	3.91E-01	8.73E-01
ZNF839	-0.25	3.48E-01	1.00E+00	-0.55	3.91E-01	8.73E-01
INKA1	0.06	8.28E-01	1.00E+00	-0.33	3.91E-01	8.73E-01
AC009237.15	0.57	6.00E-01	1.00E+00	-1.46	3.91E-01	8.73E-01
BATF2	-0.59	4.68E-01	1.00E+00	0.85	3.91E-01	8.73E-01
RYBP	-0.02	9.11E-01	1.00E+00	0.31	3.91E-01	8.73E-01
LBX2	0.50	6.91E-01	1.00E+00	0.90	3.91E-01	8.73E-01
FABP3	-0.41	5.02E-01	1.00E+00	-0.57	3.91E-01	8.73E-01
NPIP2	-0.33	7.13E-01	1.00E+00	0.55	3.91E-01	8.73E-01
LINC01301	0.17	8.55E-01	1.00E+00	-0.61	3.91E-01	8.73E-01
PRDM10	-0.17	5.17E-01	1.00E+00	-0.26	3.92E-01	8.73E-01
SLC2A3	-0.87	1.68E-01	1.00E+00	0.58	3.92E-01	8.73E-01
VPS13A	-0.23	3.75E-01	1.00E+00	-0.23	3.92E-01	8.73E-01
RASGEF1B	-0.10	7.71E-01	1.00E+00	0.28	3.92E-01	8.73E-01
XLOC_006263	-0.29	7.23E-01	1.00E+00	0.37	3.92E-01	8.73E-01
C2orf68	-0.10	6.77E-01	1.00E+00	0.22	3.92E-01	8.73E-01
FAM21FP	-0.33	6.38E-01	1.00E+00	0.50	3.92E-01	8.73E-01
CLDN3	0.44	5.31E-01	1.00E+00	-0.71	3.92E-01	8.73E-01
BCAR1	-0.31	2.91E-01	1.00E+00	0.55	3.92E-01	8.73E-01
WDR54	-0.25	4.04E-01	1.00E+00	0.21	3.92E-01	8.73E-01
IFI27L1	-0.07	8.34E-01	1.00E+00	0.18	3.92E-01	8.73E-01
HIPK1	0.06	7.87E-01	1.00E+00	0.25	3.92E-01	8.73E-01
SDR42E1	0.05	8.79E-01	1.00E+00	0.34	3.92E-01	8.73E-01
VCPKMT	0.08	8.40E-01	1.00E+00	-0.30	3.92E-01	8.73E-01
TRAV17	-1.31	4.62E-01	1.00E+00	0.96	3.92E-01	8.73E-01
XLOC_004419	-1.28	1.10E-01	1.00E+00	0.80	3.93E-01	8.73E-01

GBP4	-0.59	3.16E-01	1.00E+00	0.58	3.93E-01	8.73E-01
AC005863.1	-0.25	9.41E-01	1.00E+00	1.36	3.93E-01	8.73E-01
ZNF347	0.16	6.73E-01	1.00E+00	-0.22	3.93E-01	8.73E-01
AC010300.1	1.55	2.85E-01	1.00E+00	-0.75	3.93E-01	8.73E-01
RP11-417J8.3	1.06	6.16E-01	1.00E+00	-0.79	3.93E-01	8.73E-01
XLOC_009548	4.23	1.99E-01	1.00E+00	-2.71	3.93E-01	8.73E-01
GAN	0.66	1.11E-01	1.00E+00	-0.50	3.93E-01	8.73E-01
CD160	0.52	6.46E-01	1.00E+00	0.87	3.93E-01	8.73E-01
MMP23B	-0.12	8.83E-01	1.00E+00	1.02	3.93E-01	8.73E-01
FUT1	-0.17	6.43E-01	1.00E+00	0.26	3.93E-01	8.73E-01
NPBWR1	0.22	7.31E-01	1.00E+00	-0.66	3.93E-01	8.73E-01
PHLPP2	0.42	2.89E-01	1.00E+00	0.55	3.93E-01	8.73E-01
STPG2	-0.50	7.44E-01	1.00E+00	-0.88	3.93E-01	8.73E-01
SULT1E1	-1.20	1.41E-01	1.00E+00	-0.74	3.93E-01	8.73E-01
MYH7B	-0.43	5.11E-01	1.00E+00	0.85	3.93E-01	8.73E-01
RREB1	-0.49	1.25E-01	1.00E+00	0.35	3.93E-01	8.73E-01
GPR82	-0.73	4.92E-01	1.00E+00	0.53	3.93E-01	8.73E-01
PFKFB1	3.34	8.10E-04	1.42E-01	-0.87	3.93E-01	8.73E-01
PHLDB1	0.44	3.51E-01	1.00E+00	0.50	3.93E-01	8.73E-01
PLEKHA5	0.03	9.13E-01	1.00E+00	-0.23	3.93E-01	8.73E-01
TRIM13	0.24	2.13E-01	1.00E+00	-0.19	3.93E-01	8.73E-01
FAM43A	-0.48	2.34E-01	1.00E+00	0.59	3.93E-01	8.73E-01
SP2	-0.28	3.84E-01	1.00E+00	0.30	3.93E-01	8.73E-01
HSPB8	0.10	7.25E-01	1.00E+00	0.22	3.93E-01	8.73E-01
PEX5	0.12	4.21E-01	1.00E+00	0.19	3.93E-01	8.73E-01
CD1A	-0.67	2.04E-01	1.00E+00	-0.70	3.93E-01	8.73E-01
HIVEP1	-0.46	6.02E-02	1.00E+00	0.34	3.93E-01	8.73E-01
LINC02166	2.29	2.16E-01	1.00E+00	-0.90	3.93E-01	8.73E-01
HM13-IT1	0.77	5.98E-01	1.00E+00	1.09	3.93E-01	8.73E-01
SENP5	0.13	4.64E-01	1.00E+00	0.21	3.93E-01	8.73E-01
AL031772.1	-2.62	1.20E-01	1.00E+00	0.73	3.93E-01	8.73E-01
NASP	-0.05	8.14E-01	1.00E+00	0.27	3.93E-01	8.73E-01

HIST1H2BH	-0.62	3.79E-01	1.00E+00	0.77	3.94E-01	8.73E-01
GOLGA3	-0.27	2.92E-01	1.00E+00	0.29	3.94E-01	8.73E-01
CSPG5	-0.47	3.38E-01	1.00E+00	-0.69	3.94E-01	8.73E-01
AC007622.2	1.52	6.56E-01	1.00E+00	-0.92	3.94E-01	8.73E-01
SLURP2	1.29	3.99E-01	1.00E+00	0.79	3.94E-01	8.73E-01
EGLN3	-0.10	8.00E-01	1.00E+00	-0.38	3.94E-01	8.73E-01
NEURL2	-1.96	3.21E-01	1.00E+00	-0.61	3.94E-01	8.73E-01
H2AFX	-0.32	3.39E-01	1.00E+00	0.50	3.94E-01	8.73E-01
ZNF860	-0.01	9.77E-01	1.00E+00	0.48	3.94E-01	8.73E-01
RCBTB1	0.23	4.09E-01	1.00E+00	-0.32	3.94E-01	8.73E-01
CT62	-1.04	5.62E-01	1.00E+00	-1.32	3.94E-01	8.73E-01
OSBPL6	0.08	8.54E-01	1.00E+00	-0.39	3.94E-01	8.73E-01
ZNF28	0.23	4.86E-01	1.00E+00	-0.25	3.94E-01	8.73E-01
AL359513.1	-0.84	1.54E-01	1.00E+00	-0.62	3.94E-01	8.73E-01
AC009065.4	0.34	6.82E-01	1.00E+00	-0.47	3.94E-01	8.73E-01
TCF19	-0.34	6.29E-02	1.00E+00	0.26	3.94E-01	8.73E-01
FAM135B	-1.46	1.06E-01	1.00E+00	-1.00	3.94E-01	8.73E-01
HOMER3	-0.49	2.16E-01	1.00E+00	0.30	3.94E-01	8.73E-01
SPATA1	-1.21	3.12E-01	1.00E+00	-0.47	3.94E-01	8.73E-01
SPRR2F	-3.24	3.03E-01	1.00E+00	2.68	3.94E-01	8.73E-01
TSEN15	-0.22	3.17E-01	1.00E+00	-0.21	3.94E-01	8.73E-01
DNAJC9	-0.29	2.35E-01	1.00E+00	0.23	3.94E-01	8.73E-01
ZKSCAN8	0.04	8.72E-01	1.00E+00	0.35	3.94E-01	8.73E-01
DCUN1D2	0.14	5.02E-01	1.00E+00	-0.26	3.94E-01	8.73E-01
PIPSL	-1.16	4.23E-01	1.00E+00	-0.53	3.94E-01	8.73E-01
PRR19	-1.18	1.53E-01	1.00E+00	0.39	3.94E-01	8.73E-01
LDAH	0.00	9.97E-01	1.00E+00	-0.17	3.95E-01	8.74E-01
C1D	0.03	9.04E-01	1.00E+00	-0.29	3.95E-01	8.74E-01
C18orf65	0.15	8.84E-01	1.00E+00	0.84	3.95E-01	8.74E-01
PYY2	-3.04	3.67E-01	1.00E+00	-0.98	3.95E-01	8.74E-01
GUCY1A1	-0.39	4.43E-01	1.00E+00	0.33	3.95E-01	8.74E-01
CLCNKA	2.22	1.24E-01	1.00E+00	0.94	3.95E-01	8.74E-01

RYR3	-0.77	9.95E-02	1.00E+00	0.51	3.95E-01	8.74E-01
SMPD3	-0.14	8.45E-01	1.00E+00	0.58	3.95E-01	8.74E-01
AC020637.1	-1.27	7.14E-01	1.00E+00	-1.70	3.95E-01	8.74E-01
SLC47A2	-0.31	7.10E-01	1.00E+00	0.66	3.95E-01	8.74E-01
TNFRSF10A-AS1	-1.56	1.27E-01	1.00E+00	-0.49	3.95E-01	8.74E-01
SH3GL1P1	-0.41	6.53E-01	1.00E+00	0.80	3.95E-01	8.74E-01
TMC4	0.05	9.37E-01	1.00E+00	-0.59	3.95E-01	8.74E-01
AC010536.1	0.09	9.61E-01	1.00E+00	1.09	3.95E-01	8.74E-01
SLC22A20P	-0.78	3.62E-01	1.00E+00	1.09	3.95E-01	8.74E-01
UTP3	-0.17	3.55E-01	1.00E+00	0.21	3.95E-01	8.74E-01
CCDC60	-1.85	1.80E-01	1.00E+00	0.95	3.95E-01	8.74E-01
KRCC1	0.37	1.99E-01	1.00E+00	-0.29	3.95E-01	8.74E-01
TRMT10B	-0.08	7.68E-01	1.00E+00	-0.15	3.95E-01	8.74E-01
DNAJC13	0.18	4.49E-01	1.00E+00	0.33	3.95E-01	8.74E-01
AL356740.1	1.05	3.79E-01	1.00E+00	-1.15	3.95E-01	8.74E-01
MRPS36P1	NA	NA	NA	-0.62	3.95E-01	8.74E-01
METTL9	-0.03	8.88E-01	1.00E+00	-0.35	3.95E-01	8.74E-01
NDUFAF2	-0.29	1.86E-01	1.00E+00	-0.17	3.95E-01	8.74E-01
CLPB	-0.58	7.05E-03	5.12E-01	0.22	3.95E-01	8.74E-01
C6orf223	0.62	6.71E-01	1.00E+00	1.32	3.96E-01	8.74E-01
AL445189.2	0.79	8.21E-01	1.00E+00	0.84	3.96E-01	8.74E-01
AC004231.1	-0.27	6.08E-01	1.00E+00	-0.58	3.96E-01	8.74E-01
XLOC_013960	-0.19	7.71E-01	1.00E+00	0.94	3.96E-01	8.74E-01
AC107375.1	-0.18	6.59E-01	1.00E+00	0.60	3.96E-01	8.74E-01
AL162414.1	-1.60	6.44E-01	1.00E+00	1.49	3.96E-01	8.74E-01
MYO5A	-0.26	1.39E-01	1.00E+00	0.29	3.96E-01	8.74E-01
G34929	-0.12	8.94E-01	1.00E+00	0.94	3.96E-01	8.74E-01
HIPK1-AS1	-0.27	8.33E-01	1.00E+00	0.95	3.96E-01	8.74E-01
LINC00900	0.66	2.10E-01	1.00E+00	-0.46	3.96E-01	8.74E-01
MAU2	-0.08	7.31E-01	1.00E+00	0.33	3.96E-01	8.74E-01
AFG3L1P	-0.38	3.65E-01	1.00E+00	0.36	3.96E-01	8.74E-01
TPT1-AS1	0.26	4.47E-01	1.00E+00	0.26	3.96E-01	8.74E-01

EIF3F	-0.06	8.19E-01	1.00E+00	0.18	3.96E-01	8.74E-01
PGM3	-0.07	6.95E-01	1.00E+00	-0.25	3.96E-01	8.74E-01
SECTM1	-0.43	1.64E-01	1.00E+00	0.86	3.96E-01	8.74E-01
MELTF	0.02	9.83E-01	1.00E+00	-0.61	3.96E-01	8.74E-01
DARS-AS1	-0.20	8.25E-01	1.00E+00	-0.30	3.96E-01	8.74E-01
MOB1B	-0.13	6.22E-01	1.00E+00	-0.28	3.96E-01	8.74E-01
XLOC_001781	0.56	8.71E-01	1.00E+00	1.25	3.96E-01	8.74E-01
LINC02031	-0.90	4.82E-01	1.00E+00	-0.90	3.96E-01	8.74E-01
MMP27	0.68	1.68E-01	1.00E+00	0.50	3.96E-01	8.74E-01
HSD17B2	-0.20	8.43E-01	1.00E+00	0.64	3.96E-01	8.74E-01
ARC	-2.83	2.24E-02	9.00E-01	-0.86	3.96E-01	8.74E-01
ATAD3B	-0.47	3.20E-01	1.00E+00	0.53	3.96E-01	8.74E-01
ADRB3	5.22	2.81E-02	9.75E-01	1.36	3.96E-01	8.74E-01
RPL21P75	0.28	7.23E-01	1.00E+00	-0.58	3.96E-01	8.74E-01
DNAJB6	0.09	7.65E-01	1.00E+00	-0.19	3.96E-01	8.74E-01
GSTT2B	0.64	5.01E-01	1.00E+00	0.63	3.96E-01	8.74E-01
DCAF6	0.05	7.94E-01	1.00E+00	-0.19	3.97E-01	8.74E-01
ALG2	-0.06	7.02E-01	1.00E+00	0.13	3.97E-01	8.74E-01
G30323	-1.21	1.24E-01	1.00E+00	0.76	3.97E-01	8.74E-01
THADA	0.01	9.61E-01	1.00E+00	-0.20	3.97E-01	8.74E-01
MSX1	0.19	7.08E-01	1.00E+00	0.63	3.97E-01	8.74E-01
ERBIN	0.11	6.77E-01	1.00E+00	-0.20	3.97E-01	8.74E-01
ZNF761	0.05	8.88E-01	1.00E+00	-0.28	3.97E-01	8.74E-01
AC072062.1	0.23	8.28E-01	1.00E+00	0.63	3.97E-01	8.74E-01
APAF1	0.44	3.68E-01	1.00E+00	0.52	3.97E-01	8.74E-01
ARF4	-0.01	9.56E-01	1.00E+00	-0.24	3.97E-01	8.75E-01
INHBA-AS1	-1.74	4.21E-01	1.00E+00	-1.07	3.97E-01	8.75E-01
TRIM2	0.05	9.08E-01	1.00E+00	-0.34	3.97E-01	8.75E-01
DDX49	-0.21	4.50E-01	1.00E+00	0.20	3.97E-01	8.75E-01
SLIT3	0.40	3.57E-01	1.00E+00	0.53	3.98E-01	8.75E-01
SLC39A4	-0.60	1.46E-01	1.00E+00	-0.34	3.98E-01	8.75E-01
TPGS2	0.05	8.12E-01	1.00E+00	-0.19	3.98E-01	8.75E-01

CWH43	-0.21	6.28E-01	1.00E+00	-0.63	3.98E-01	8.75E-01
NRN1	0.25	4.88E-01	1.00E+00	-0.37	3.98E-01	8.75E-01
AJ003147.3	2.01	3.92E-01	1.00E+00	1.27	3.98E-01	8.75E-01
AC011389.1	-1.30	6.21E-01	1.00E+00	0.92	3.98E-01	8.75E-01
WDYHV1	0.02	9.17E-01	1.00E+00	0.20	3.98E-01	8.75E-01
ISM1	0.19	7.05E-01	1.00E+00	0.50	3.98E-01	8.75E-01
ZNF627	0.22	3.56E-01	1.00E+00	0.21	3.98E-01	8.76E-01
RP11-31207.2	-0.54	2.11E-01	1.00E+00	0.53	3.98E-01	8.76E-01
AMHR2	1.75	1.81E-01	1.00E+00	-0.99	3.98E-01	8.76E-01
DCTN5	-0.07	6.85E-01	1.00E+00	0.14	3.98E-01	8.76E-01
G39812	0.66	4.17E-01	1.00E+00	0.66	3.98E-01	8.76E-01
DEPDC4	0.13	8.79E-01	1.00E+00	-0.61	3.98E-01	8.76E-01
LRRC3	0.09	7.49E-01	1.00E+00	0.74	3.98E-01	8.76E-01
AC084125.2	0.95	5.85E-01	1.00E+00	0.93	3.99E-01	8.76E-01
FAM111B	-0.11	7.24E-01	1.00E+00	0.52	3.99E-01	8.76E-01
HLA-U	-2.59	2.02E-01	1.00E+00	-1.38	3.99E-01	8.76E-01
SEC24D	-0.12	6.29E-01	1.00E+00	0.41	3.99E-01	8.76E-01
TBC1D22B	0.15	6.07E-01	1.00E+00	0.27	3.99E-01	8.76E-01
AL353743.1	-0.02	9.69E-01	1.00E+00	-0.61	3.99E-01	8.76E-01
HOXC13	-0.19	5.69E-01	1.00E+00	-0.53	3.99E-01	8.76E-01
HIST1H3C	-1.05	6.58E-01	1.00E+00	-1.15	3.99E-01	8.76E-01
ACBD7	-0.13	9.27E-01	1.00E+00	0.94	3.99E-01	8.76E-01
PGAM5	-0.32	1.36E-01	1.00E+00	-0.42	3.99E-01	8.76E-01
ZAP70	0.18	7.42E-01	1.00E+00	2.09	3.99E-01	8.76E-01
GFPT1	0.30	4.74E-01	1.00E+00	-0.34	3.99E-01	8.76E-01
AC090589.1	-0.25	9.41E-01	1.00E+00	0.54	3.99E-01	8.76E-01
PMM2	-0.29	3.39E-01	1.00E+00	0.20	3.99E-01	8.76E-01
ATG7	-0.02	9.34E-01	1.00E+00	0.12	3.99E-01	8.76E-01
RASSF8	0.04	9.20E-01	1.00E+00	0.43	3.99E-01	8.76E-01
AL513477.2	-0.92	7.64E-01	1.00E+00	-0.67	3.99E-01	8.76E-01
KCNJ11	0.49	2.55E-01	1.00E+00	-0.76	3.99E-01	8.76E-01
ZNF708	0.26	5.99E-01	1.00E+00	-0.30	3.99E-01	8.76E-01

TTC30A	0.18	5.98E-01	1.00E+00	-0.36	3.99E-01	8.76E-01
ZRANB3	-0.79	6.88E-03	5.06E-01	-0.35	3.99E-01	8.76E-01
HGC6.3	-1.86	4.68E-01	1.00E+00	1.62	3.99E-01	8.76E-01
REV1	-0.23	3.94E-01	1.00E+00	-0.30	3.99E-01	8.76E-01
CRK	0.29	1.41E-01	1.00E+00	-0.26	3.99E-01	8.76E-01
C7	0.60	4.08E-01	1.00E+00	0.59	3.99E-01	8.76E-01
AC097460.1	0.55	6.77E-01	1.00E+00	-0.97	4.00E-01	8.76E-01
DNAJC17	0.35	1.59E-01	1.00E+00	0.17	4.00E-01	8.76E-01
TBX19	0.00	9.96E-01	1.00E+00	0.39	4.00E-01	8.76E-01
NEDD8	0.17	4.56E-01	1.00E+00	-0.45	4.00E-01	8.76E-01
XLOC_001726	-1.96	3.48E-02	1.00E+00	0.76	4.00E-01	8.76E-01
PIK3CD-AS1	1.10	7.48E-01	1.00E+00	1.16	4.00E-01	8.76E-01
TANGO2	0.00	9.95E-01	1.00E+00	0.22	4.00E-01	8.76E-01
CYP51A1	-0.16	6.25E-01	1.00E+00	0.38	4.00E-01	8.76E-01
RUNDC3B	-0.69	3.74E-02	1.00E+00	-0.32	4.00E-01	8.76E-01
CALML3	-0.77	8.24E-02	1.00E+00	0.61	4.00E-01	8.76E-01
AC009404.1	-0.05	9.21E-01	1.00E+00	0.65	4.00E-01	8.76E-01
ZNF564	0.95	6.42E-01	1.00E+00	0.58	4.00E-01	8.76E-01
RNF141	0.18	4.90E-01	1.00E+00	-0.28	4.00E-01	8.76E-01
XLOC_010336	0.26	5.83E-01	1.00E+00	0.60	4.00E-01	8.76E-01
C19orf53	-0.03	8.74E-01	1.00E+00	0.17	4.00E-01	8.76E-01
GUSBP1	0.38	3.28E-01	1.00E+00	-0.35	4.00E-01	8.76E-01
IQCJ-SCHIP1	0.08	8.79E-01	1.00E+00	0.84	4.00E-01	8.76E-01
AL590787.1	-1.67	3.90E-01	1.00E+00	1.56	4.00E-01	8.76E-01
CCPG1	0.49	2.87E-01	1.00E+00	-0.24	4.00E-01	8.76E-01
PLK3	-0.42	4.47E-01	1.00E+00	0.33	4.00E-01	8.76E-01
NMT1	0.21	2.62E-01	1.00E+00	0.35	4.00E-01	8.76E-01
B3GNT5	-0.47	4.27E-01	1.00E+00	0.25	4.00E-01	8.76E-01
BACH1-IT1	-0.70	5.77E-01	1.00E+00	0.76	4.01E-01	8.76E-01
CACNB4	-0.18	7.99E-01	1.00E+00	0.40	4.01E-01	8.76E-01
ZNF382	0.79	3.50E-01	1.00E+00	0.49	4.01E-01	8.76E-01
G1047	-1.25	4.67E-02	1.00E+00	0.78	4.01E-01	8.76E-01

AC092807.3	-1.20	1.55E-01	1.00E+00	-0.48	4.01E-01	8.76E-01
MST1	-0.94	2.96E-02	9.96E-01	0.59	4.01E-01	8.76E-01
CCDC106	0.11	7.54E-01	1.00E+00	0.36	4.01E-01	8.76E-01
FTH1	0.24	5.49E-01	1.00E+00	0.48	4.01E-01	8.76E-01
RAP1GAP2	0.00	9.96E-01	1.00E+00	0.49	4.01E-01	8.76E-01
ATG3	0.06	7.78E-01	1.00E+00	-0.20	4.01E-01	8.76E-01
AL359711.2	0.12	8.29E-01	1.00E+00	-0.50	4.01E-01	8.76E-01
NAALAD2	0.84	2.06E-01	1.00E+00	-0.68	4.01E-01	8.76E-01
SRP14-AS1	-0.83	1.48E-01	1.00E+00	-0.48	4.01E-01	8.76E-01
GSTA3	0.40	3.89E-01	1.00E+00	-0.68	4.01E-01	8.76E-01
ICA1	0.06	8.81E-01	1.00E+00	-0.24	4.01E-01	8.76E-01
TOE1	0.07	8.23E-01	1.00E+00	0.22	4.01E-01	8.76E-01
MPND	-0.34	2.34E-01	1.00E+00	-0.44	4.01E-01	8.76E-01
WDR27	-0.26	5.44E-01	1.00E+00	0.27	4.01E-01	8.76E-01
AL022341.1	1.39	4.66E-01	1.00E+00	-0.86	4.01E-01	8.76E-01
LRRC7	-0.06	9.20E-01	1.00E+00	-0.62	4.01E-01	8.77E-01
HADHA	-0.04	8.61E-01	1.00E+00	-0.11	4.01E-01	8.77E-01
TRMT9B	0.23	4.76E-01	1.00E+00	-0.35	4.01E-01	8.77E-01
FYCO1	-0.16	5.42E-01	1.00E+00	0.31	4.01E-01	8.77E-01
MAGEE1	-0.39	1.53E-01	1.00E+00	0.36	4.01E-01	8.77E-01
AC099494.2	0.16	8.35E-01	1.00E+00	-0.81	4.01E-01	8.77E-01
ALCAM	-0.31	3.29E-02	1.00E+00	-0.22	4.01E-01	8.77E-01
FAM3D	-0.49	4.11E-01	1.00E+00	-0.64	4.01E-01	8.77E-01
HHEX	0.14	8.02E-01	1.00E+00	0.35	4.02E-01	8.77E-01
RRS1	-0.43	9.47E-02	1.00E+00	0.32	4.02E-01	8.77E-01
AP002761.3	0.72	3.52E-01	1.00E+00	0.95	4.02E-01	8.77E-01
PTPRN2	-0.25	6.87E-01	1.00E+00	0.41	4.02E-01	8.77E-01
OR7E62P	0.59	2.68E-01	1.00E+00	-0.55	4.02E-01	8.77E-01
TRMT2A	-0.03	9.11E-01	1.00E+00	0.28	4.02E-01	8.77E-01
TTF2	-0.11	7.06E-01	1.00E+00	0.24	4.02E-01	8.77E-01
ADGRG4	-1.87	3.71E-01	1.00E+00	1.65	4.02E-01	8.77E-01
AC132872.1	-0.31	5.06E-01	1.00E+00	0.54	4.02E-01	8.77E-01

HMG2P46	-0.18	7.68E-01	1.00E+00	-0.46	4.02E-01	8.77E-01
HSD3BP4	-1.28	5.05E-01	1.00E+00	-0.84	4.02E-01	8.77E-01
RNA5-8SP6	-0.39	4.19E-01	1.00E+00	-0.57	4.02E-01	8.77E-01
SPX	4.69	1.34E-02	7.26E-01	-2.63	4.02E-01	8.77E-01
TM9SF4	-0.05	8.21E-01	1.00E+00	0.21	4.02E-01	8.77E-01
RAB3B	0.11	7.29E-01	1.00E+00	-0.45	4.02E-01	8.77E-01
AL139099.3	-1.37	6.93E-01	1.00E+00	-0.73	4.02E-01	8.77E-01
RNPEP	-0.38	2.33E-01	1.00E+00	-0.32	4.02E-01	8.77E-01
TPRXL	-0.64	2.66E-02	9.50E-01	0.47	4.02E-01	8.77E-01
POM121C	-0.26	1.42E-01	1.00E+00	0.48	4.02E-01	8.77E-01
TRIM67	1.09	3.28E-01	1.00E+00	1.09	4.02E-01	8.77E-01
PHKA2-AS1	-0.29	8.05E-01	1.00E+00	0.85	4.02E-01	8.77E-01
SLC2A10	0.41	4.30E-01	1.00E+00	0.34	4.02E-01	8.77E-01
SH3GLB2	0.02	9.53E-01	1.00E+00	-0.40	4.02E-01	8.77E-01
PCDHGC4	-1.18	8.35E-02	1.00E+00	1.12	4.02E-01	8.77E-01
TMEM213	1.19	1.57E-01	1.00E+00	-0.71	4.02E-01	8.77E-01
MOB1A	0.04	8.99E-01	1.00E+00	-0.18	4.02E-01	8.77E-01
XLOC_012763	-0.07	8.92E-01	1.00E+00	-0.76	4.03E-01	8.77E-01
SFSWAP	-0.21	3.85E-01	1.00E+00	0.30	4.03E-01	8.77E-01
PSMD13	0.03	8.47E-01	1.00E+00	0.11	4.03E-01	8.77E-01
SLC7A5P1	-2.79	3.04E-01	1.00E+00	1.16	4.03E-01	8.77E-01
LARGE1	-0.17	5.49E-01	1.00E+00	0.40	4.03E-01	8.77E-01
ASIC3	-0.93	4.03E-01	1.00E+00	1.05	4.03E-01	8.77E-01
CNTD1	1.10	2.52E-01	1.00E+00	-0.55	4.03E-01	8.77E-01
C9orf106	1.82	2.40E-01	1.00E+00	1.05	4.03E-01	8.77E-01
SMARCE1P2	0.51	6.51E-01	1.00E+00	0.96	4.03E-01	8.77E-01
MINOS1P2	NA	NA	NA	0.58	4.03E-01	8.77E-01
CATSPERD	-0.90	7.82E-01	1.00E+00	1.02	4.03E-01	8.77E-01
DRG2	-0.22	3.04E-01	1.00E+00	-0.12	4.03E-01	8.77E-01
NAAA	0.19	4.56E-01	1.00E+00	-0.15	4.03E-01	8.77E-01
RPL36AP21	NA	NA	NA	-0.66	4.03E-01	8.77E-01
NIFK	0.25	2.79E-01	1.00E+00	-0.28	4.03E-01	8.77E-01

ST8SIA1	-0.10	6.72E-01	1.00E+00	0.34	4.03E-01	8.77E-01
IQCG	-0.06	8.09E-01	1.00E+00	-0.19	4.03E-01	8.77E-01
AL359962.2	-2.05	7.16E-02	1.00E+00	0.58	4.03E-01	8.77E-01
IL21	-1.26	7.16E-01	1.00E+00	-2.20	4.03E-01	8.77E-01
KIRREL1-IT1	-1.10	5.55E-01	1.00E+00	0.82	4.03E-01	8.77E-01
KCNV2	-0.06	9.86E-01	1.00E+00	-1.60	4.03E-01	8.77E-01
KCNQ5	-1.33	4.26E-02	1.00E+00	-0.69	4.03E-01	8.77E-01
AC105036.3	-2.73	3.24E-02	1.00E+00	-0.63	4.03E-01	8.77E-01
CRTC3	-0.01	9.61E-01	1.00E+00	0.34	4.03E-01	8.77E-01
HMGB2	0.25	2.82E-01	1.00E+00	-0.16	4.03E-01	8.77E-01
OTULINL	-0.14	6.63E-01	1.00E+00	0.24	4.03E-01	8.77E-01
NR1H3	0.53	2.78E-01	1.00E+00	0.40	4.04E-01	8.77E-01
AC093772.1	-2.45	2.70E-01	1.00E+00	1.41	4.04E-01	8.77E-01
ICA1L	-0.15	7.26E-01	1.00E+00	-0.44	4.04E-01	8.77E-01
DUOXA1	-0.07	8.80E-01	1.00E+00	0.48	4.04E-01	8.77E-01
AC245884.12	3.82	9.57E-02	1.00E+00	2.46	4.04E-01	8.77E-01
CHM	0.22	3.22E-01	1.00E+00	-0.16	4.04E-01	8.77E-01
SGSM2	0.20	6.33E-01	1.00E+00	0.39	4.04E-01	8.77E-01
MSH2	-0.13	6.08E-01	1.00E+00	-0.19	4.04E-01	8.77E-01
LPP-AS2	0.39	3.04E-01	1.00E+00	-0.37	4.04E-01	8.77E-01
LAMTOR4	0.34	2.43E-01	1.00E+00	-0.38	4.04E-01	8.77E-01
MTA1	-0.15	5.30E-01	1.00E+00	0.53	4.04E-01	8.77E-01
TCEANC2	0.13	5.36E-01	1.00E+00	-0.20	4.04E-01	8.77E-01
AP002884.1	0.55	2.61E-01	1.00E+00	-0.47	4.04E-01	8.77E-01
RPL7AP50	-1.70	6.79E-02	1.00E+00	-0.48	4.04E-01	8.77E-01
CEBPG	0.14	6.05E-01	1.00E+00	-0.15	4.04E-01	8.77E-01
GAS8	-0.19	4.97E-01	1.00E+00	0.26	4.04E-01	8.77E-01
ZBTB2	-0.05	8.16E-01	1.00E+00	0.17	4.04E-01	8.78E-01
RDH5	2.87	4.09E-02	1.00E+00	-0.54	4.04E-01	8.78E-01
SPATA33	-0.21	6.20E-01	1.00E+00	-0.20	4.05E-01	8.78E-01
EDDM13	-0.04	9.54E-01	1.00E+00	-0.42	4.05E-01	8.78E-01
POLH	-0.35	2.27E-01	1.00E+00	0.24	4.05E-01	8.78E-01

PLEKHJ1	0.01	9.60E-01	1.00E+00	0.15	4.05E-01	8.78E-01
NEU3	0.37	3.58E-01	1.00E+00	0.34	4.05E-01	8.78E-01
GDPD2	0.02	9.59E-01	1.00E+00	-0.73	4.05E-01	8.78E-01
JMY	-0.23	4.55E-01	1.00E+00	0.30	4.05E-01	8.78E-01
PDPR	0.21	5.62E-01	1.00E+00	0.33	4.05E-01	8.78E-01
AC018529.2	1.28	3.67E-01	1.00E+00	0.88	4.05E-01	8.78E-01
SLC30A1	-0.14	6.97E-01	1.00E+00	-0.32	4.05E-01	8.78E-01
BIRC7	-0.32	5.93E-01	1.00E+00	-0.54	4.05E-01	8.78E-01
MTPN	0.03	8.58E-01	1.00E+00	0.20	4.05E-01	8.78E-01
FAM104A	0.01	9.74E-01	1.00E+00	-0.24	4.05E-01	8.78E-01
ZNF212	-0.09	7.01E-01	1.00E+00	0.17	4.06E-01	8.78E-01
EDEM1	0.60	6.07E-03	4.63E-01	0.17	4.06E-01	8.78E-01
AC092894.1	-0.40	7.19E-01	1.00E+00	1.03	4.06E-01	8.78E-01
EXT1	-0.32	2.87E-01	1.00E+00	0.33	4.06E-01	8.78E-01
MAP1LC3B	0.10	6.79E-01	1.00E+00	-0.24	4.06E-01	8.78E-01
AL844908.1	0.08	9.34E-01	1.00E+00	-0.85	4.06E-01	8.78E-01
CLEC2A	0.44	3.80E-01	1.00E+00	-0.75	4.06E-01	8.78E-01
TLK1	-0.17	4.30E-01	1.00E+00	-0.29	4.06E-01	8.78E-01
XLOC_001664	-0.53	5.72E-01	1.00E+00	-1.22	4.06E-01	8.78E-01
AC036108.1	0.56	8.71E-01	1.00E+00	1.29	4.06E-01	8.78E-01
NOP10	0.04	8.52E-01	1.00E+00	-0.29	4.06E-01	8.78E-01
NOVA2	-0.04	9.35E-01	1.00E+00	0.55	4.06E-01	8.78E-01
AC068987.5	1.68	5.11E-02	1.00E+00	0.92	4.06E-01	8.78E-01
AC010468.1	0.24	7.55E-01	1.00E+00	-0.48	4.06E-01	8.78E-01
XLOC_012692	-0.59	1.26E-01	1.00E+00	0.61	4.06E-01	8.78E-01
G26344	0.30	5.94E-01	1.00E+00	-0.76	4.06E-01	8.78E-01
COL15A1	0.04	9.41E-01	1.00E+00	0.57	4.06E-01	8.78E-01
ZDHHC2	0.25	6.12E-01	1.00E+00	-0.28	4.06E-01	8.78E-01
PLA2G2A	0.39	5.48E-01	1.00E+00	-0.57	4.06E-01	8.78E-01
U52111.1	1.61	2.47E-01	1.00E+00	0.69	4.06E-01	8.79E-01
ADSL	-0.67	2.02E-01	1.00E+00	0.30	4.06E-01	8.79E-01
P2RX7	0.21	4.67E-01	1.00E+00	0.28	4.06E-01	8.79E-01

AL139317.5	-1.84	5.92E-01	1.00E+00	-0.90	4.06E-01	8.79E-01
YEATS2-AS1	-3.51	1.46E-01	1.00E+00	1.14	4.06E-01	8.79E-01
SARS	-0.10	6.10E-01	1.00E+00	0.15	4.06E-01	8.79E-01
AP001646.1	1.44	6.75E-01	1.00E+00	1.29	4.06E-01	8.79E-01
KLF8	-0.15	6.01E-01	1.00E+00	-0.18	4.07E-01	8.79E-01
CTTNBP2NL	-0.31	2.94E-01	1.00E+00	-0.16	4.07E-01	8.79E-01
XLOC_004195	1.26	2.68E-01	1.00E+00	-0.95	4.07E-01	8.79E-01
CNKSR1	-0.15	5.93E-01	1.00E+00	0.45	4.07E-01	8.79E-01
ATMIN	-0.04	8.44E-01	1.00E+00	-0.32	4.07E-01	8.79E-01
ECT2	-0.04	8.90E-01	1.00E+00	0.25	4.07E-01	8.79E-01
PLK5	-0.31	8.60E-01	1.00E+00	1.24	4.07E-01	8.79E-01
XLOC_005542	0.68	1.76E-01	1.00E+00	0.51	4.07E-01	8.79E-01
G36324	-2.98	5.91E-02	1.00E+00	1.19	4.07E-01	8.79E-01
SPINK1	0.68	5.22E-01	1.00E+00	0.85	4.07E-01	8.79E-01
SRP19	-0.06	8.20E-01	1.00E+00	-0.32	4.07E-01	8.79E-01
PLCD1	-0.08	6.94E-01	1.00E+00	0.26	4.07E-01	8.79E-01
DEFB4A	-2.99	2.98E-01	1.00E+00	2.61	4.07E-01	8.79E-01
C1orf115	0.50	4.34E-01	1.00E+00	-0.55	4.07E-01	8.79E-01
EPHX2	-0.18	6.29E-01	1.00E+00	-0.28	4.07E-01	8.79E-01
DCXR	0.03	8.97E-01	1.00E+00	-0.19	4.07E-01	8.79E-01
LINC01806	-0.99	1.79E-02	8.39E-01	0.39	4.07E-01	8.79E-01
ACOT9	0.25	4.39E-01	1.00E+00	0.17	4.07E-01	8.79E-01
AC092747.4	0.14	6.31E-01	1.00E+00	0.29	4.07E-01	8.79E-01
FRMD5	-0.80	2.14E-01	1.00E+00	0.79	4.07E-01	8.79E-01
CACNB3	-0.58	3.65E-02	1.00E+00	0.25	4.07E-01	8.79E-01
ATRIP	-0.07	8.09E-01	1.00E+00	-0.32	4.07E-01	8.79E-01
SLFN12L	0.50	5.17E-01	1.00E+00	0.75	4.07E-01	8.79E-01
FUT10	0.08	7.17E-01	1.00E+00	-0.27	4.07E-01	8.79E-01
DGAT1	0.10	8.12E-01	1.00E+00	-0.49	4.07E-01	8.79E-01
SNRPEP2	-0.34	9.22E-01	1.00E+00	-0.57	4.07E-01	8.79E-01
AL163541.1	-2.45	3.52E-01	1.00E+00	-1.87	4.07E-01	8.79E-01
AATF	-0.14	5.33E-01	1.00E+00	0.12	4.07E-01	8.79E-01

KCNN3	-0.10	7.84E-01	1.00E+00	0.43	4.08E-01	8.79E-01
RGS5	0.13	8.25E-01	1.00E+00	-0.40	4.08E-01	8.79E-01
ANKRD36	0.68	7.39E-02	1.00E+00	0.27	4.08E-01	8.79E-01
TFIP11	-0.20	3.29E-01	1.00E+00	0.19	4.08E-01	8.79E-01
XLOC_010040	0.14	9.02E-01	1.00E+00	-1.06	4.08E-01	8.79E-01
TMCO6	-0.39	1.63E-01	1.00E+00	-0.43	4.08E-01	8.79E-01
PRRC2C	-0.32	2.18E-01	1.00E+00	0.29	4.08E-01	8.79E-01
ERBB4	0.58	3.79E-01	1.00E+00	-0.67	4.08E-01	8.79E-01
HFM1	0.18	8.10E-01	1.00E+00	-0.80	4.08E-01	8.79E-01
AC063948.1	-0.51	5.42E-01	1.00E+00	-0.55	4.08E-01	8.79E-01
ZNF586	0.08	8.14E-01	1.00E+00	0.25	4.08E-01	8.79E-01
RNF170	0.13	6.56E-01	1.00E+00	-0.21	4.08E-01	8.79E-01
API5	0.06	7.43E-01	1.00E+00	-0.18	4.08E-01	8.79E-01
SLC38A6	0.09	8.30E-01	1.00E+00	-0.39	4.08E-01	8.79E-01
LGI4	-0.03	9.42E-01	1.00E+00	0.57	4.08E-01	8.79E-01
GTDC1	0.01	9.66E-01	1.00E+00	-0.22	4.08E-01	8.79E-01
SPRR2B	-0.83	3.50E-01	1.00E+00	2.59	4.08E-01	8.79E-01
AC104819.3	1.14	9.67E-02	1.00E+00	0.69	4.08E-01	8.79E-01
POU5F2	-0.50	7.17E-01	1.00E+00	-0.79	4.08E-01	8.79E-01
CNIH2	-1.02	7.30E-03	5.19E-01	-0.63	4.08E-01	8.79E-01
HSPD1P1	0.09	9.57E-01	1.00E+00	-0.40	4.08E-01	8.79E-01
AL662907.2	-0.25	7.94E-01	1.00E+00	0.67	4.08E-01	8.79E-01
AC239799.2	0.88	2.36E-01	1.00E+00	-0.72	4.08E-01	8.79E-01
JMJD8	-0.16	5.22E-01	1.00E+00	-0.44	4.08E-01	8.79E-01
AP000351.10	-1.51	4.38E-01	1.00E+00	0.87	4.08E-01	8.79E-01
TBC1D14	0.05	8.22E-01	1.00E+00	0.27	4.08E-01	8.79E-01
ANKRD11	-0.28	2.68E-01	1.00E+00	0.38	4.08E-01	8.79E-01
DOP1B	-0.50	1.36E-02	7.32E-01	-0.30	4.08E-01	8.79E-01
LPL	3.70	8.41E-03	5.67E-01	-0.74	4.08E-01	8.79E-01
TJP3	-0.30	2.23E-01	1.00E+00	-0.43	4.09E-01	8.79E-01
FGFR1	0.52	2.85E-01	1.00E+00	0.48	4.09E-01	8.79E-01
COQ2	-0.03	9.44E-01	1.00E+00	-0.27	4.09E-01	8.79E-01

C20orf144	-2.06	3.43E-01	1.00E+00	-0.96	4.09E-01	8.79E-01
PRPF31	-0.16	4.85E-01	1.00E+00	0.14	4.09E-01	8.79E-01
ILK	5.13	3.79E-02	1.00E+00	0.72	4.09E-01	8.79E-01
HEBP1	0.22	2.66E-01	1.00E+00	-0.17	4.09E-01	8.79E-01
AC068587.2	-0.47	5.95E-01	1.00E+00	-0.54	4.09E-01	8.79E-01
NDUFB8	-0.38	5.29E-01	1.00E+00	-0.61	4.09E-01	8.79E-01
NIPA1	0.01	9.56E-01	1.00E+00	-0.43	4.09E-01	8.79E-01
RPL5P1	0.44	8.99E-01	1.00E+00	-0.64	4.09E-01	8.79E-01
SSRP1	-0.15	4.56E-01	1.00E+00	0.27	4.09E-01	8.79E-01
CATSPERE	-0.32	7.58E-01	1.00E+00	-0.62	4.09E-01	8.79E-01
RHOBTB3	0.39	1.53E-01	1.00E+00	-0.35	4.09E-01	8.79E-01
G26250	0.76	5.26E-01	1.00E+00	-0.78	4.09E-01	8.79E-01
LINC01588	0.30	5.21E-01	1.00E+00	-0.29	4.09E-01	8.79E-01
SLTM	0.05	8.06E-01	1.00E+00	0.20	4.09E-01	8.79E-01
TUBA3FP	-2.69	4.26E-01	1.00E+00	-1.12	4.09E-01	8.79E-01
ALDH3A1	0.02	9.66E-01	1.00E+00	-0.50	4.09E-01	8.79E-01
ICOS	-0.38	7.28E-01	1.00E+00	2.60	4.09E-01	8.79E-01
XLOC_006415	-1.16	7.37E-01	1.00E+00	1.41	4.09E-01	8.79E-01
PCDHGB7	-0.04	9.02E-01	1.00E+00	0.41	4.09E-01	8.79E-01
TRIP4	-0.02	9.35E-01	1.00E+00	0.12	4.09E-01	8.79E-01
AP000759.1	-0.62	1.70E-01	1.00E+00	0.49	4.09E-01	8.79E-01
ENPP6	1.55	1.81E-01	1.00E+00	0.78	4.09E-01	8.79E-01
HCP5	0.12	7.47E-01	1.00E+00	0.30	4.09E-01	8.79E-01
AC078785.1	-1.82	2.11E-01	1.00E+00	0.61	4.09E-01	8.79E-01
TSPO	-0.06	8.40E-01	1.00E+00	0.20	4.09E-01	8.79E-01
MAN1A1	0.76	7.16E-03	5.13E-01	0.45	4.10E-01	8.79E-01
IFNGR1	0.22	2.80E-01	1.00E+00	-0.22	4.10E-01	8.79E-01
PSMD12	-0.12	5.16E-01	1.00E+00	-0.21	4.10E-01	8.79E-01
RPL37A	-0.09	7.66E-01	1.00E+00	0.24	4.10E-01	8.79E-01
DEPDC5	-0.10	7.52E-01	1.00E+00	0.36	4.10E-01	8.79E-01
AC026401.2	-0.88	7.20E-01	1.00E+00	0.77	4.10E-01	8.79E-01
F2RL2	-0.42	5.01E-01	1.00E+00	0.48	4.10E-01	8.79E-01

AC015813.5	-3.16	1.72E-02	8.25E-01	0.58	4.10E-01	8.79E-01
TAF1B	-0.26	1.94E-01	1.00E+00	-0.19	4.10E-01	8.79E-01
AC073389.1	-0.33	6.32E-01	1.00E+00	-0.47	4.10E-01	8.79E-01
MTND4P12	0.44	3.57E-01	1.00E+00	0.63	4.10E-01	8.79E-01
AKIP1	-0.12	6.13E-01	1.00E+00	0.19	4.10E-01	8.79E-01
AL662907.1	-0.35	5.66E-01	1.00E+00	0.73	4.10E-01	8.79E-01
AP001330.5	-0.68	3.63E-01	1.00E+00	0.55	4.10E-01	8.79E-01
CMTM3	0.05	8.76E-01	1.00E+00	0.51	4.10E-01	8.79E-01
NECAP1	0.25	2.71E-01	1.00E+00	-0.19	4.10E-01	8.79E-01
CEACAM5	0.17	8.05E-01	1.00E+00	-0.56	4.10E-01	8.79E-01
DALRD3	0.12	5.25E-01	1.00E+00	0.16	4.10E-01	8.79E-01
AL513122.2	-2.81	1.55E-01	1.00E+00	-0.95	4.10E-01	8.79E-01
GATAD2A	-0.31	3.16E-01	1.00E+00	0.32	4.10E-01	8.79E-01
AC080013.5	-2.09	2.12E-01	1.00E+00	-0.74	4.10E-01	8.79E-01
PSMG3-AS1	0.02	9.74E-01	1.00E+00	0.35	4.10E-01	8.79E-01
TAF1A	0.28	6.28E-01	1.00E+00	0.49	4.10E-01	8.79E-01
TEX35	-0.59	5.57E-01	1.00E+00	-0.93	4.10E-01	8.79E-01
ZNF790-AS1	-0.19	6.48E-01	1.00E+00	-0.35	4.10E-01	8.79E-01
GPC5	0.63	5.29E-01	1.00E+00	-0.74	4.10E-01	8.79E-01
CCDC136	-0.72	2.63E-01	1.00E+00	0.54	4.10E-01	8.79E-01
TMX2	0.10	6.52E-01	1.00E+00	-0.16	4.10E-01	8.79E-01
GRIP1	-0.62	5.85E-02	1.00E+00	-0.47	4.10E-01	8.79E-01
G23403	1.20	5.22E-01	1.00E+00	-0.75	4.11E-01	8.79E-01
ABCB1	-0.51	1.14E-01	1.00E+00	0.44	4.11E-01	8.79E-01
AC007448.3	-2.45	4.74E-01	1.00E+00	-1.06	4.11E-01	8.79E-01
XLOC_005452	0.55	4.69E-01	1.00E+00	0.57	4.11E-01	8.79E-01
SMG6	-0.19	4.60E-01	1.00E+00	0.43	4.11E-01	8.79E-01
RAB11B-AS1	0.20	7.90E-01	1.00E+00	-0.33	4.11E-01	8.79E-01
CERS5	0.07	6.11E-01	1.00E+00	0.10	4.11E-01	8.79E-01
FAM221A	0.05	8.95E-01	1.00E+00	-0.37	4.11E-01	8.79E-01
MT1E	0.01	9.74E-01	1.00E+00	-0.28	4.11E-01	8.79E-01
SAMD12	0.11	7.54E-01	1.00E+00	-0.31	4.11E-01	8.79E-01

AC010618.3	0.00	1.00E+00	1.00E+00	0.54	4.11E-01	8.79E-01
MRPL45	0.04	8.31E-01	1.00E+00	-0.17	4.11E-01	8.79E-01
GLT1D1	-1.08	7.29E-03	5.19E-01	0.54	4.11E-01	8.79E-01
FAM86EP	-0.57	1.11E-01	1.00E+00	-0.42	4.11E-01	8.79E-01
SIL1	0.12	7.04E-01	1.00E+00	0.11	4.11E-01	8.79E-01
CTNNB1	-0.11	5.70E-01	1.00E+00	0.26	4.11E-01	8.79E-01
CELSR1	-0.28	3.56E-01	1.00E+00	0.52	4.11E-01	8.79E-01
AC034236.1	-0.18	7.41E-01	1.00E+00	-0.42	4.11E-01	8.79E-01
SEL1L3	0.08	7.93E-01	1.00E+00	0.47	4.11E-01	8.79E-01
LSP1P4	0.54	4.51E-01	1.00E+00	0.35	4.11E-01	8.79E-01
ARHGEF7	0.21	3.78E-01	1.00E+00	0.21	4.11E-01	8.79E-01
RCAN2	0.17	6.68E-01	1.00E+00	-0.36	4.11E-01	8.79E-01
PIANP	1.14	2.85E-01	1.00E+00	-0.89	4.11E-01	8.79E-01
AP003351.1	-2.43	1.93E-01	1.00E+00	1.09	4.11E-01	8.79E-01
HNRNPM	-0.17	4.18E-01	1.00E+00	0.16	4.12E-01	8.79E-01
MARVELD1	-0.13	6.85E-01	1.00E+00	0.42	4.12E-01	8.79E-01
AADA3L3	0.97	7.63E-01	1.00E+00	-2.57	4.12E-01	8.79E-01
TSHZ1	-0.16	4.84E-01	1.00E+00	0.28	4.12E-01	8.79E-01
PCAT6	-0.56	3.12E-01	1.00E+00	-0.39	4.12E-01	8.79E-01
SLC23A2	0.28	5.73E-01	1.00E+00	0.34	4.12E-01	8.79E-01
PRELID2	-0.12	6.90E-01	1.00E+00	-0.27	4.12E-01	8.79E-01
PGR	0.54	3.20E-01	1.00E+00	0.43	4.12E-01	8.79E-01
CIR1	0.07	6.96E-01	1.00E+00	0.18	4.12E-01	8.79E-01
TMEM116	0.35	7.15E-02	1.00E+00	-0.36	4.12E-01	8.79E-01
TAS2R5	-2.08	5.05E-01	1.00E+00	1.30	4.12E-01	8.80E-01
TUBB4B	-0.64	8.21E-02	1.00E+00	-0.22	4.12E-01	8.80E-01
SUPV3L1	0.26	2.39E-01	1.00E+00	-0.14	4.12E-01	8.80E-01
PTPRS	-0.02	9.45E-01	1.00E+00	0.61	4.12E-01	8.80E-01
SLC22A18AS	0.12	8.28E-01	1.00E+00	0.29	4.12E-01	8.80E-01
AL354696.1	-0.44	6.95E-01	1.00E+00	0.84	4.13E-01	8.80E-01
ZNF432	0.09	8.03E-01	1.00E+00	0.38	4.13E-01	8.80E-01
KHSRP	-0.28	2.27E-01	1.00E+00	0.48	4.13E-01	8.80E-01

HBP1	0.15	5.05E-01	1.00E+00	-0.27	4.13E-01	8.80E-01
AC138696.2	-0.01	9.90E-01	1.00E+00	-0.44	4.13E-01	8.80E-01
G26573	-1.18	3.12E-01	1.00E+00	-0.60	4.13E-01	8.80E-01
ANKRD37	-0.04	8.58E-01	1.00E+00	0.24	4.13E-01	8.80E-01
PLD6	-0.55	1.87E-01	1.00E+00	-0.35	4.13E-01	8.80E-01
PGM5P2	0.72	3.92E-01	1.00E+00	-0.57	4.13E-01	8.80E-01
AIG1	0.13	6.32E-01	1.00E+00	-0.21	4.13E-01	8.80E-01
SMG1P5	0.28	5.80E-01	1.00E+00	-0.39	4.13E-01	8.80E-01
ZNF430	-0.03	9.09E-01	1.00E+00	-0.29	4.13E-01	8.80E-01
AC116351.1	0.53	7.31E-01	1.00E+00	-1.15	4.13E-01	8.80E-01
BAZ1B	0.08	7.19E-01	1.00E+00	0.34	4.13E-01	8.80E-01
AC073896.3	0.83	5.55E-01	1.00E+00	-0.48	4.13E-01	8.80E-01
AC012414.5	1.13	3.06E-01	1.00E+00	0.76	4.13E-01	8.80E-01
STK32A-AS1	0.28	7.88E-01	1.00E+00	-0.67	4.13E-01	8.80E-01
AC005586.1	-0.80	3.63E-01	1.00E+00	-0.68	4.13E-01	8.80E-01
RPL21P1	-0.56	8.73E-01	1.00E+00	-0.60	4.13E-01	8.80E-01
CCNF	-0.02	9.36E-01	1.00E+00	-0.44	4.13E-01	8.80E-01
FAT2	-0.43	2.15E-01	1.00E+00	0.45	4.13E-01	8.80E-01
GALNTL6	0.04	9.60E-01	1.00E+00	0.81	4.13E-01	8.80E-01
TCF20	-0.47	6.30E-02	1.00E+00	0.54	4.14E-01	8.80E-01
EBP	-0.10	7.53E-01	1.00E+00	-0.27	4.14E-01	8.80E-01
IL17RA	0.01	9.64E-01	1.00E+00	0.48	4.14E-01	8.80E-01
ACOX2	0.98	1.19E-01	1.00E+00	-0.44	4.14E-01	8.80E-01
CLK4	0.18	7.03E-01	1.00E+00	-0.25	4.14E-01	8.81E-01
LYST	0.11	6.82E-01	1.00E+00	-0.18	4.14E-01	8.81E-01
AC004637.1	0.33	8.61E-01	1.00E+00	1.35	4.14E-01	8.81E-01
SPESP1	-1.12	1.03E-01	1.00E+00	-0.43	4.14E-01	8.81E-01
ZP3	0.22	4.42E-01	1.00E+00	-0.32	4.14E-01	8.81E-01
GPAT4	0.10	6.16E-01	1.00E+00	0.23	4.14E-01	8.81E-01
APELA	-0.71	4.28E-01	1.00E+00	0.79	4.14E-01	8.81E-01
METTL6	0.19	4.08E-01	1.00E+00	-0.20	4.14E-01	8.81E-01
XLOC_006898	0.01	9.92E-01	1.00E+00	-0.69	4.14E-01	8.81E-01

FTSJ3	-0.13	4.74E-01	1.00E+00	0.20	4.14E-01	8.81E-01
DDX56	-0.12	5.50E-01	1.00E+00	0.14	4.14E-01	8.81E-01
ATAD2	0.38	2.13E-01	1.00E+00	-0.27	4.14E-01	8.81E-01
AC025470.2	2.18	3.29E-01	1.00E+00	-0.83	4.14E-01	8.81E-01
ARMCX3	0.54	2.61E-01	1.00E+00	-0.25	4.14E-01	8.81E-01
AOC1	-1.36	4.08E-03	3.55E-01	-0.62	4.14E-01	8.81E-01
BAIAP2-DT	-0.27	4.87E-01	1.00E+00	0.46	4.15E-01	8.81E-01
CD7	-0.76	2.56E-01	1.00E+00	2.55	4.15E-01	8.81E-01
NOP58	-0.13	6.11E-01	1.00E+00	-0.27	4.15E-01	8.81E-01
LARP1	-0.27	2.41E-01	1.00E+00	0.30	4.15E-01	8.81E-01
EFCAB5	-2.68	3.29E-02	1.00E+00	-0.64	4.15E-01	8.81E-01
XLOC_014403	-0.41	8.00E-01	1.00E+00	-0.70	4.15E-01	8.81E-01
G19572	0.26	8.62E-01	1.00E+00	0.84	4.15E-01	8.81E-01
TSC22D3	0.63	2.06E-01	1.00E+00	-0.33	4.15E-01	8.81E-01
VGLL3	0.29	3.77E-01	1.00E+00	0.38	4.15E-01	8.81E-01
XLOC_000294	1.39	5.22E-02	1.00E+00	0.39	4.15E-01	8.81E-01
BNIP3P11	-0.42	6.38E-01	1.00E+00	0.56	4.15E-01	8.81E-01
HDX	-0.25	5.34E-01	1.00E+00	0.30	4.15E-01	8.81E-01
CCNYL1	-0.29	3.01E-01	1.00E+00	0.42	4.15E-01	8.81E-01
ARHGAP26	0.01	9.58E-01	1.00E+00	0.39	4.15E-01	8.81E-01
PIPOX	-0.29	5.41E-01	1.00E+00	0.47	4.15E-01	8.81E-01
KRT71	-6.02	6.82E-02	1.00E+00	-2.56	4.15E-01	8.81E-01
UBLCP1	-0.01	9.75E-01	1.00E+00	-0.11	4.15E-01	8.81E-01
IL11RA	0.25	5.57E-01	1.00E+00	0.27	4.15E-01	8.81E-01
LINC01572	2.72	1.11E-01	1.00E+00	0.73	4.15E-01	8.81E-01
CNNM2	-0.20	4.74E-01	1.00E+00	0.34	4.15E-01	8.81E-01
SMURF1	0.12	5.70E-01	1.00E+00	0.31	4.15E-01	8.81E-01
AC007996.1	-0.39	5.72E-01	1.00E+00	0.52	4.15E-01	8.81E-01
TCAF2P1	1.06	2.10E-01	1.00E+00	0.82	4.15E-01	8.81E-01
DHX38	-0.05	7.66E-01	1.00E+00	0.32	4.16E-01	8.81E-01
ZRANB1	0.06	8.31E-01	1.00E+00	-0.24	4.16E-01	8.81E-01
ZNF397	0.19	5.38E-01	1.00E+00	-0.19	4.16E-01	8.81E-01

MRPL57	-0.24	1.90E-01	1.00E+00	-0.28	4.16E-01	8.81E-01
SNX13	0.32	1.56E-01	1.00E+00	-0.15	4.16E-01	8.81E-01
FOXI1	0.59	6.37E-01	1.00E+00	-2.46	4.16E-01	8.81E-01
SEC13	-0.17	3.93E-01	1.00E+00	0.11	4.16E-01	8.81E-01
XLOC_010047	-0.49	4.65E-01	1.00E+00	-0.51	4.16E-01	8.81E-01
SLC2A11	0.44	3.03E-01	1.00E+00	0.35	4.16E-01	8.81E-01
LINC01356	-2.25	3.54E-01	1.00E+00	1.13	4.16E-01	8.81E-01
CCDC127	0.32	2.09E-01	1.00E+00	0.14	4.16E-01	8.81E-01
U2SURP	-0.34	1.20E-01	1.00E+00	-0.19	4.16E-01	8.81E-01
THAP11	0.16	4.98E-01	1.00E+00	-0.23	4.16E-01	8.81E-01
RBPM5	0.32	5.30E-01	1.00E+00	-0.45	4.16E-01	8.81E-01
GPM6A	-0.65	8.11E-01	1.00E+00	0.69	4.16E-01	8.81E-01
FAM84A	-0.63	5.40E-02	1.00E+00	0.30	4.16E-01	8.82E-01
TRIM15	-3.84	2.01E-02	8.84E-01	2.56	4.16E-01	8.82E-01
TMEM40	0.08	8.65E-01	1.00E+00	0.45	4.16E-01	8.82E-01
RAG1	-0.33	6.98E-01	1.00E+00	0.71	4.16E-01	8.82E-01
ARHGEF5	-0.25	5.29E-01	1.00E+00	-0.38	4.16E-01	8.82E-01
MRPL50	0.16	4.43E-01	1.00E+00	-0.26	4.16E-01	8.82E-01
ADAMTS5	0.80	7.12E-02	1.00E+00	0.51	4.16E-01	8.82E-01
DNM1P35	-1.06	3.20E-01	1.00E+00	1.17	4.16E-01	8.82E-01
THTPA	0.53	2.52E-01	1.00E+00	0.28	4.16E-01	8.82E-01
MFSD9	-0.05	7.94E-01	1.00E+00	0.25	4.16E-01	8.82E-01
RPL34P27	-1.19	7.32E-01	1.00E+00	-0.62	4.17E-01	8.82E-01
PGAP3	0.04	8.04E-01	1.00E+00	-0.26	4.17E-01	8.82E-01
CENPP	0.02	9.52E-01	1.00E+00	0.29	4.17E-01	8.82E-01
XLOC_009313	0.75	6.38E-01	1.00E+00	-0.91	4.17E-01	8.82E-01
LINC00854	-1.11	2.13E-01	1.00E+00	0.46	4.17E-01	8.82E-01
XLOC_007043	0.49	2.75E-01	1.00E+00	0.48	4.17E-01	8.82E-01
XLOC_006349	-0.74	2.81E-01	1.00E+00	-0.54	4.17E-01	8.82E-01
RNU6-529P	0.29	6.94E-01	1.00E+00	0.49	4.17E-01	8.82E-01
AC067930.3	0.63	5.32E-01	1.00E+00	-1.26	4.17E-01	8.82E-01
KU-MEL-3	-2.58	1.19E-02	6.78E-01	0.93	4.17E-01	8.82E-01

SLC13A2	-0.05	9.68E-01	1.00E+00	-0.61	4.17E-01	8.82E-01
SLC46A3	-0.16	6.88E-01	1.00E+00	-0.28	4.17E-01	8.82E-01
FBXL18	-0.17	6.53E-01	1.00E+00	0.43	4.17E-01	8.82E-01
POPDC3	1.42	3.35E-01	1.00E+00	1.05	4.17E-01	8.82E-01
ST3GAL5-AS1	0.18	8.45E-01	1.00E+00	0.65	4.17E-01	8.82E-01
EEF1D	-0.07	7.06E-01	1.00E+00	0.35	4.17E-01	8.82E-01
DTX4	0.48	2.46E-01	1.00E+00	0.55	4.17E-01	8.82E-01
SMCO2	0.95	4.09E-01	1.00E+00	0.98	4.17E-01	8.82E-01
WDFY1	0.09	5.78E-01	1.00E+00	0.21	4.17E-01	8.82E-01
SOX17	-1.13	2.99E-02	9.97E-01	-0.81	4.17E-01	8.82E-01
AL136368.1	0.89	4.13E-01	1.00E+00	-0.54	4.17E-01	8.82E-01
G38764	0.08	9.53E-01	1.00E+00	0.85	4.17E-01	8.82E-01
JPX	-0.38	4.93E-01	1.00E+00	-0.38	4.17E-01	8.82E-01
USP11	-0.01	9.75E-01	1.00E+00	0.14	4.17E-01	8.82E-01
TFE3	-0.01	9.65E-01	1.00E+00	0.38	4.17E-01	8.82E-01
FBXO33	-0.01	9.75E-01	1.00E+00	-0.27	4.17E-01	8.82E-01
CSPG4	-0.29	5.90E-01	1.00E+00	0.50	4.17E-01	8.82E-01
DUSP19	0.64	3.58E-01	1.00E+00	-0.44	4.17E-01	8.82E-01
TMEM147-AS1	-0.32	5.45E-01	1.00E+00	-0.34	4.17E-01	8.82E-01
LRRN4CL	0.31	4.45E-01	1.00E+00	0.40	4.18E-01	8.82E-01
BFSP2	0.58	5.28E-01	1.00E+00	-0.68	4.18E-01	8.82E-01
KRT16P3	0.15	9.30E-01	1.00E+00	0.57	4.18E-01	8.82E-01
LRRC18	1.74	9.78E-02	1.00E+00	-0.96	4.18E-01	8.82E-01
DENND6A-AS1	0.49	8.88E-01	1.00E+00	-0.72	4.18E-01	8.82E-01
KHDC4	0.27	6.52E-01	1.00E+00	0.32	4.18E-01	8.82E-01
RNU6-118P	-0.11	9.70E-01	1.00E+00	1.07	4.18E-01	8.82E-01
AQP7P2	4.17	2.90E-02	9.89E-01	-0.91	4.18E-01	8.82E-01
ABHD18	0.37	2.63E-01	1.00E+00	-0.23	4.18E-01	8.82E-01
KIAA1143	-0.11	4.74E-01	1.00E+00	-0.12	4.18E-01	8.82E-01
PRDM1	0.01	9.91E-01	1.00E+00	0.31	4.18E-01	8.82E-01
AC005034.3	-0.11	6.94E-01	1.00E+00	-0.30	4.18E-01	8.82E-01
SRPK1	0.03	9.45E-01	1.00E+00	0.26	4.18E-01	8.82E-01

C6orf136	-0.03	9.21E-01	1.00E+00	-0.24	4.18E-01	8.82E-01
STK40	0.07	6.91E-01	1.00E+00	-0.42	4.18E-01	8.82E-01
SPATC1L	-0.24	3.93E-01	1.00E+00	-0.51	4.18E-01	8.82E-01
PPP1R15A	-1.30	5.12E-02	1.00E+00	0.35	4.18E-01	8.82E-01
CFI	0.69	4.68E-01	1.00E+00	-0.47	4.18E-01	8.82E-01
AC099524.1	0.25	9.42E-01	1.00E+00	1.30	4.18E-01	8.82E-01
SLC27A4	-0.29	4.44E-01	1.00E+00	0.31	4.18E-01	8.82E-01
DDIT4	-0.03	9.59E-01	1.00E+00	0.35	4.18E-01	8.82E-01
CYP4F26P	-0.07	9.37E-01	1.00E+00	0.62	4.18E-01	8.82E-01
ZNF70	0.50	1.40E-01	1.00E+00	0.40	4.18E-01	8.82E-01
PRR15	-0.76	4.75E-01	1.00E+00	0.59	4.18E-01	8.82E-01
CCDC170	0.51	3.02E-01	1.00E+00	0.50	4.19E-01	8.82E-01
AMBRA1	-0.27	2.18E-01	1.00E+00	0.40	4.19E-01	8.82E-01
G37757	-2.87	2.82E-01	1.00E+00	0.88	4.19E-01	8.82E-01
RNU6-6P	-2.07	5.48E-01	1.00E+00	0.90	4.19E-01	8.82E-01
NFATC3	-0.06	7.64E-01	1.00E+00	-0.18	4.19E-01	8.82E-01
MIR4754	2.97	3.82E-01	1.00E+00	0.79	4.19E-01	8.82E-01
AL121839.2	0.79	1.24E-01	1.00E+00	-0.50	4.19E-01	8.82E-01
ZNF521	0.27	5.25E-01	1.00E+00	0.37	4.19E-01	8.83E-01
DBF4B	-0.62	9.79E-02	1.00E+00	0.43	4.19E-01	8.83E-01
TINCR	0.04	9.17E-01	1.00E+00	-0.49	4.19E-01	8.83E-01
PLAC8L1	0.14	9.10E-01	1.00E+00	0.91	4.19E-01	8.83E-01
TCEAL1	-0.04	8.26E-01	1.00E+00	-0.26	4.19E-01	8.83E-01
AC087752.3	-0.60	5.50E-01	1.00E+00	0.91	4.20E-01	8.83E-01
CAP2P1	0.87	3.31E-01	1.00E+00	-1.29	4.20E-01	8.83E-01
USO1	-0.02	9.44E-01	1.00E+00	-0.12	4.20E-01	8.83E-01
ZCCHC12	-1.52	6.33E-01	1.00E+00	1.70	4.20E-01	8.83E-01
TP53INP2	-0.53	2.17E-01	1.00E+00	0.51	4.20E-01	8.83E-01
AL158829.1	-1.23	7.24E-01	1.00E+00	1.37	4.20E-01	8.83E-01
YAF2	0.18	3.93E-01	1.00E+00	0.19	4.20E-01	8.83E-01
TPD52	0.12	6.04E-01	1.00E+00	-0.42	4.20E-01	8.83E-01
AC097478.1	0.50	3.04E-01	1.00E+00	0.49	4.20E-01	8.83E-01

ZDHHC13	0.17	6.42E-01	1.00E+00	-0.33	4.20E-01	8.84E-01
ZNF431	0.09	7.80E-01	1.00E+00	-0.23	4.20E-01	8.84E-01
ZNF513	-0.45	7.10E-02	1.00E+00	0.48	4.20E-01	8.84E-01
CD19	-0.38	8.30E-01	1.00E+00	0.87	4.20E-01	8.84E-01
KRT17P2	-0.05	9.87E-01	1.00E+00	0.76	4.20E-01	8.84E-01
G28649	0.50	4.38E-01	1.00E+00	-0.53	4.20E-01	8.84E-01
XLOC_004611	0.88	1.33E-01	1.00E+00	1.09	4.20E-01	8.84E-01
AC104051.2	0.50	6.11E-01	1.00E+00	1.06	4.21E-01	8.84E-01
SGSH	-0.34	1.20E-01	1.00E+00	0.29	4.21E-01	8.84E-01
DTYMK	-0.05	8.18E-01	1.00E+00	-0.20	4.21E-01	8.84E-01
HSD17B4	0.01	9.65E-01	1.00E+00	-0.14	4.21E-01	8.84E-01
AC012291.2	0.16	9.14E-01	1.00E+00	0.60	4.21E-01	8.84E-01
RPS24	-0.09	7.76E-01	1.00E+00	0.21	4.21E-01	8.84E-01
EXOSC2	0.09	6.74E-01	1.00E+00	-0.13	4.21E-01	8.84E-01
NUDT16P1	-0.51	2.53E-01	1.00E+00	-0.51	4.21E-01	8.84E-01
AC025280.1	2.11	1.44E-01	1.00E+00	0.76	4.21E-01	8.84E-01
UQCC2	-0.26	3.85E-01	1.00E+00	-0.30	4.21E-01	8.84E-01
AC004585.1	-3.16	1.48E-02	7.61E-01	0.97	4.21E-01	8.84E-01
AC087203.2	-1.53	4.05E-01	1.00E+00	-1.81	4.21E-01	8.84E-01
NBDY	0.00	9.95E-01	1.00E+00	-0.32	4.21E-01	8.84E-01
MEI1	0.57	5.03E-01	1.00E+00	0.50	4.21E-01	8.84E-01
HDAC2	0.15	4.83E-01	1.00E+00	-0.13	4.21E-01	8.84E-01
TEX12	-1.83	5.85E-01	1.00E+00	0.78	4.21E-01	8.84E-01
SEC22C	0.44	1.48E-01	1.00E+00	-0.19	4.21E-01	8.84E-01
AC006547.1	-0.15	7.44E-01	1.00E+00	0.68	4.21E-01	8.84E-01
GRHPR	-0.09	5.23E-01	1.00E+00	-0.10	4.21E-01	8.84E-01
WDR86	0.49	3.38E-01	1.00E+00	1.03	4.21E-01	8.84E-01
CAMTA1-DT	0.23	7.46E-01	1.00E+00	-0.81	4.21E-01	8.84E-01
ACBD4	0.22	5.07E-01	1.00E+00	-0.34	4.21E-01	8.84E-01
PMS2P4	0.10	7.18E-01	1.00E+00	0.20	4.21E-01	8.84E-01
AC005703.6	0.81	4.98E-01	1.00E+00	0.59	4.21E-01	8.84E-01
SBSPON	-0.29	5.83E-01	1.00E+00	-0.39	4.21E-01	8.84E-01

ZNF385D	0.06	8.79E-01	1.00E+00	0.31	4.21E-01	8.84E-01
G5553	-0.02	9.90E-01	1.00E+00	0.85	4.21E-01	8.84E-01
GATA5	-5.16	1.09E-05	3.44E-03	-1.59	4.21E-01	8.84E-01
TMC3-AS1	0.84	5.57E-01	1.00E+00	0.68	4.21E-01	8.84E-01
ZMYM1	0.17	6.22E-01	1.00E+00	-0.23	4.21E-01	8.84E-01
EDC3	0.00	9.97E-01	1.00E+00	-0.18	4.22E-01	8.84E-01
BIRC3	0.16	6.58E-01	1.00E+00	0.34	4.22E-01	8.84E-01
MPHOSPH9	-0.03	9.21E-01	1.00E+00	-0.32	4.22E-01	8.84E-01
SPIN2A	0.22	7.50E-01	1.00E+00	0.52	4.22E-01	8.84E-01
NRXN1	0.06	9.05E-01	1.00E+00	-0.50	4.22E-01	8.84E-01
NUDT1	-0.44	2.20E-02	8.96E-01	0.18	4.22E-01	8.84E-01
FOCAD	0.05	8.18E-01	1.00E+00	-0.17	4.22E-01	8.84E-01
COMMD1	-0.25	2.31E-01	1.00E+00	-0.28	4.22E-01	8.84E-01
TCOF1	-0.35	8.82E-02	1.00E+00	0.45	4.22E-01	8.84E-01
SV2C	-1.03	1.19E-01	1.00E+00	-0.66	4.22E-01	8.84E-01
HES6	-0.70	1.95E-01	1.00E+00	-0.60	4.22E-01	8.84E-01
ZNF585A	0.15	6.87E-01	1.00E+00	0.27	4.22E-01	8.84E-01
RORA	0.14	7.93E-01	1.00E+00	-0.41	4.22E-01	8.84E-01
CRIP1	0.30	2.47E-01	1.00E+00	-0.28	4.22E-01	8.84E-01
HNRNPCP2	-0.14	6.90E-01	1.00E+00	-0.19	4.22E-01	8.84E-01
BCL7B	0.08	7.46E-01	1.00E+00	-0.35	4.22E-01	8.84E-01
RND3	-0.23	4.18E-01	1.00E+00	0.22	4.22E-01	8.84E-01
AFF3	0.50	2.76E-01	1.00E+00	-0.47	4.22E-01	8.84E-01
NIPAL4	-0.07	9.00E-01	1.00E+00	0.49	4.22E-01	8.84E-01
PAM16	0.02	9.78E-01	1.00E+00	0.39	4.22E-01	8.84E-01
AC130466.1	0.57	5.01E-01	1.00E+00	-0.85	4.22E-01	8.84E-01
MCM10	-0.45	2.32E-01	1.00E+00	0.43	4.22E-01	8.84E-01
TRIM31-AS1	0.23	8.66E-01	1.00E+00	0.64	4.22E-01	8.84E-01
ANXA8L1	-0.38	4.52E-01	1.00E+00	0.50	4.22E-01	8.84E-01
AC092718.3	-0.90	4.00E-01	1.00E+00	0.58	4.22E-01	8.84E-01
MYRFL	-0.27	6.91E-01	1.00E+00	-0.52	4.22E-01	8.84E-01
TEX10	-0.09	6.70E-01	1.00E+00	0.18	4.22E-01	8.84E-01

ARL4A	0.17	5.68E-01	1.00E+00	-0.31	4.23E-01	8.84E-01
PSCA	-0.52	1.86E-01	1.00E+00	0.50	4.23E-01	8.84E-01
ZNF460	0.07	8.50E-01	1.00E+00	0.42	4.23E-01	8.84E-01
ANXA4	0.02	9.09E-01	1.00E+00	-0.11	4.23E-01	8.84E-01
XLOC_009167	-2.82	2.79E-01	1.00E+00	-1.04	4.23E-01	8.84E-01
WDR18	-0.32	3.20E-01	1.00E+00	0.21	4.23E-01	8.84E-01
SLC7A1	-0.04	9.02E-01	1.00E+00	0.33	4.23E-01	8.84E-01
SOX2-OT	-0.06	9.48E-01	1.00E+00	-0.50	4.23E-01	8.84E-01
S100A7	-1.32	1.04E-01	1.00E+00	2.51	4.23E-01	8.84E-01
AC243964.3	-0.16	6.56E-01	1.00E+00	0.43	4.23E-01	8.84E-01
ZNF71	-0.02	9.13E-01	1.00E+00	-0.31	4.23E-01	8.84E-01
IL2RA	0.61	4.98E-01	1.00E+00	2.51	4.23E-01	8.84E-01
AC034231.1	-0.12	8.71E-01	1.00E+00	0.56	4.23E-01	8.84E-01
ANKDD1A	0.55	2.03E-01	1.00E+00	-0.41	4.23E-01	8.84E-01
RBM47	0.11	7.38E-01	1.00E+00	0.21	4.23E-01	8.84E-01
NUP85	0.01	9.79E-01	1.00E+00	-0.15	4.23E-01	8.84E-01
AC087672.2	-0.69	7.32E-01	1.00E+00	0.69	4.23E-01	8.84E-01
LRRC37A5P	-0.10	9.23E-01	1.00E+00	0.46	4.23E-01	8.84E-01
AL390719.1	-0.74	3.88E-01	1.00E+00	0.46	4.23E-01	8.84E-01
CLIC6	0.08	8.78E-01	1.00E+00	0.53	4.23E-01	8.84E-01
RACGAP1	-0.02	9.45E-01	1.00E+00	-0.21	4.23E-01	8.84E-01
HNRNPF	-0.06	7.98E-01	1.00E+00	0.14	4.23E-01	8.84E-01
C9orf40	0.38	3.20E-01	1.00E+00	-0.47	4.24E-01	8.84E-01
ZNF117	0.05	9.06E-01	1.00E+00	-0.40	4.24E-01	8.84E-01
GAS2L1	-0.43	2.23E-01	1.00E+00	-0.49	4.24E-01	8.84E-01
ELF3	-0.69	1.86E-01	1.00E+00	0.46	4.24E-01	8.84E-01
BCOR	-0.49	1.08E-01	1.00E+00	0.30	4.24E-01	8.84E-01
RNVU1-20	-1.51	5.84E-01	1.00E+00	-0.65	4.24E-01	8.84E-01
SIRT5	-0.20	4.97E-01	1.00E+00	0.19	4.24E-01	8.84E-01
AC009403.1	0.17	8.52E-01	1.00E+00	-0.49	4.24E-01	8.84E-01
SMIM10L2B	0.05	8.76E-01	1.00E+00	-0.58	4.24E-01	8.84E-01
NARS	-0.11	5.33E-01	1.00E+00	-0.13	4.24E-01	8.84E-01

TMEM128	0.28	2.01E-01	1.00E+00	-0.26	4.24E-01	8.85E-01
FOXJ3	0.07	6.16E-01	1.00E+00	-0.26	4.24E-01	8.85E-01
NACA	-0.11	6.78E-01	1.00E+00	-0.19	4.24E-01	8.85E-01
ZDHHC20	-0.04	9.04E-01	1.00E+00	0.21	4.24E-01	8.85E-01
AL035071.2	-2.07	1.62E-01	1.00E+00	-0.68	4.24E-01	8.85E-01
SLC9A8	-0.18	5.72E-01	1.00E+00	0.41	4.24E-01	8.85E-01
CLINT1	0.18	4.81E-01	1.00E+00	-0.11	4.24E-01	8.85E-01
NONO	-0.10	5.19E-01	1.00E+00	0.14	4.24E-01	8.85E-01
MCIDAS	-2.54	3.63E-01	1.00E+00	-1.71	4.25E-01	8.85E-01
IFT172	-0.15	6.01E-01	1.00E+00	-0.27	4.25E-01	8.85E-01
XRCC6	-0.11	4.66E-01	1.00E+00	-0.06	4.25E-01	8.85E-01
EIF4B	0.03	9.15E-01	1.00E+00	0.20	4.25E-01	8.85E-01
LINC01115	0.65	8.12E-01	1.00E+00	0.72	4.25E-01	8.85E-01
RICTOR	0.03	9.03E-01	1.00E+00	0.23	4.25E-01	8.85E-01
TBC1D12	0.42	1.07E-01	1.00E+00	-0.27	4.25E-01	8.85E-01
RBM15-AS1	-2.66	8.06E-02	1.00E+00	-0.83	4.25E-01	8.85E-01
CES2	-0.21	2.48E-01	1.00E+00	0.16	4.25E-01	8.85E-01
AC110048.2	-0.93	5.92E-01	1.00E+00	-1.12	4.25E-01	8.85E-01
CACNG4	0.72	4.09E-01	1.00E+00	0.99	4.25E-01	8.85E-01
AC025048.4	0.47	5.95E-01	1.00E+00	0.55	4.25E-01	8.85E-01
XLOC_005221	-0.14	9.58E-01	1.00E+00	0.84	4.25E-01	8.85E-01
SHLD1	-0.02	9.51E-01	1.00E+00	-0.15	4.25E-01	8.85E-01
XLOC_009415	-1.08	4.34E-01	1.00E+00	0.91	4.25E-01	8.85E-01
RPL7P46	1.49	6.65E-01	1.00E+00	-0.87	4.25E-01	8.85E-01
LRR75A-AS1	-0.02	9.46E-01	1.00E+00	0.20	4.25E-01	8.85E-01
RPS15A	-0.14	6.45E-01	1.00E+00	-0.34	4.25E-01	8.85E-01
MAP1LC3C	1.50	4.34E-02	1.00E+00	0.72	4.25E-01	8.85E-01
EEF1A1P5	-0.02	9.47E-01	1.00E+00	-0.17	4.25E-01	8.85E-01
B4GALNT1	-0.23	7.31E-01	1.00E+00	0.64	4.25E-01	8.85E-01
FGFBP3	-0.04	9.24E-01	1.00E+00	-0.59	4.25E-01	8.85E-01
PDE4DIP	0.09	6.91E-01	1.00E+00	0.20	4.25E-01	8.85E-01
ITSN1	0.47	2.42E-01	1.00E+00	-0.29	4.25E-01	8.85E-01

IQCB1	-0.02	9.25E-01	1.00E+00	-0.20	4.25E-01	8.85E-01
MYH10	0.06	8.56E-01	1.00E+00	0.31	4.25E-01	8.85E-01
CYP39A1	0.38	3.76E-01	1.00E+00	-0.49	4.25E-01	8.85E-01
RPH3A	-2.79	4.15E-01	1.00E+00	1.25	4.25E-01	8.85E-01
KIF1B	-0.03	8.96E-01	1.00E+00	0.25	4.25E-01	8.85E-01
NSMCE3	0.00	9.99E-01	1.00E+00	-0.46	4.25E-01	8.85E-01
FMO2	1.07	1.29E-01	1.00E+00	-0.58	4.25E-01	8.85E-01
TMEM267	0.16	6.35E-01	1.00E+00	-0.33	4.26E-01	8.85E-01
DDI2	0.28	2.84E-01	1.00E+00	0.19	4.26E-01	8.85E-01
LIMD1	0.14	6.19E-01	1.00E+00	0.46	4.26E-01	8.85E-01
AC080013.6	1.63	4.49E-02	1.00E+00	0.45	4.26E-01	8.85E-01
AC016716.1	-0.23	9.47E-01	1.00E+00	-0.62	4.26E-01	8.85E-01
AC016831.4	-1.10	7.50E-01	1.00E+00	0.65	4.26E-01	8.85E-01
NRIP2	0.12	8.34E-01	1.00E+00	0.43	4.26E-01	8.85E-01
PLCB3	-0.39	8.91E-02	1.00E+00	0.47	4.26E-01	8.85E-01
ZNF622	-0.19	4.24E-01	1.00E+00	0.16	4.26E-01	8.85E-01
PAK4	-0.26	2.41E-01	1.00E+00	0.46	4.26E-01	8.85E-01
ABCF3	0.01	9.44E-01	1.00E+00	0.12	4.26E-01	8.85E-01
TGFB2	-0.28	4.97E-01	1.00E+00	0.33	4.26E-01	8.85E-01
XLOC_008224	-1.46	6.72E-01	1.00E+00	-2.11	4.26E-01	8.85E-01
HOXA13	0.60	1.81E-01	1.00E+00	0.67	4.26E-01	8.85E-01
MIRLET7A1	0.86	8.04E-01	1.00E+00	-0.82	4.26E-01	8.85E-01
LINC02062	0.68	4.69E-01	1.00E+00	-0.54	4.26E-01	8.85E-01
TMEM248	0.14	3.98E-01	1.00E+00	-0.33	4.26E-01	8.85E-01
PEX11B	0.02	9.22E-01	1.00E+00	-0.22	4.26E-01	8.85E-01
LINC01805	0.24	6.68E-01	1.00E+00	-0.58	4.27E-01	8.85E-01
XLOC_004198	-1.33	2.20E-01	1.00E+00	1.25	4.27E-01	8.85E-01
GABRD	-1.37	4.35E-02	1.00E+00	-0.47	4.27E-01	8.85E-01
AC090515.4	0.78	6.47E-01	1.00E+00	0.73	4.27E-01	8.85E-01
MIR4530	-0.64	8.32E-01	1.00E+00	0.76	4.27E-01	8.85E-01
RNU6-722P	-2.80	3.95E-02	1.00E+00	0.45	4.27E-01	8.85E-01
NEK2	0.45	2.85E-01	1.00E+00	-0.46	4.27E-01	8.85E-01

AC011450.1	-1.11	3.50E-01	1.00E+00	0.95	4.27E-01	8.85E-01
GAREM1	0.12	6.53E-01	1.00E+00	-0.27	4.27E-01	8.85E-01
FAM86KP	-2.26	3.51E-01	1.00E+00	0.88	4.27E-01	8.85E-01
SHQ1	0.01	9.51E-01	1.00E+00	-0.17	4.27E-01	8.85E-01
B3GALNT1	0.55	2.53E-01	1.00E+00	0.20	4.27E-01	8.85E-01
PHETA2	-0.04	8.95E-01	1.00E+00	0.32	4.27E-01	8.85E-01
CHD8	-0.29	2.71E-01	1.00E+00	0.34	4.27E-01	8.85E-01
AP000753.1	NA	NA	NA	-0.81	4.27E-01	8.85E-01
TNKS	0.31	2.40E-01	1.00E+00	0.26	4.27E-01	8.85E-01
ASPHD2	-0.50	4.86E-01	1.00E+00	-0.44	4.27E-01	8.85E-01
ANKRD46	0.58	8.27E-02	1.00E+00	-0.23	4.27E-01	8.85E-01
NBEAP1	1.53	4.70E-01	1.00E+00	0.97	4.27E-01	8.85E-01
GALNT18	-0.26	3.16E-01	1.00E+00	0.22	4.27E-01	8.85E-01
RAB43P1	-0.61	5.04E-01	1.00E+00	0.86	4.27E-01	8.85E-01
ARAF	-0.08	7.05E-01	1.00E+00	0.13	4.27E-01	8.85E-01
CNOT6L	0.01	9.75E-01	1.00E+00	0.18	4.27E-01	8.85E-01
COX6B1	-0.17	2.41E-01	1.00E+00	-0.17	4.27E-01	8.85E-01
AP3S2	0.33	2.70E-01	1.00E+00	-0.24	4.27E-01	8.85E-01
TRPC4	-0.73	6.72E-01	1.00E+00	0.78	4.28E-01	8.85E-01
NOTCH4	0.53	3.93E-01	1.00E+00	0.46	4.28E-01	8.85E-01
CPEB2-DT	-0.08	9.51E-01	1.00E+00	0.52	4.28E-01	8.85E-01
AC092155.2	-1.26	7.16E-01	1.00E+00	-0.54	4.28E-01	8.85E-01
AC022182.1	-1.13	5.51E-01	1.00E+00	0.85	4.28E-01	8.85E-01
DPY19L3	0.29	4.94E-01	1.00E+00	0.36	4.28E-01	8.85E-01
ZNF33B	0.05	8.70E-01	1.00E+00	-0.22	4.28E-01	8.85E-01
RGPD6	1.29	3.81E-01	1.00E+00	0.43	4.28E-01	8.85E-01
LINC00519	-0.50	7.34E-01	1.00E+00	0.48	4.28E-01	8.85E-01
ARMH1	-0.45	5.85E-01	1.00E+00	0.67	4.28E-01	8.85E-01
FDXR	-0.24	4.83E-01	1.00E+00	0.29	4.28E-01	8.85E-01
KLHL23	0.30	4.76E-01	1.00E+00	-0.34	4.28E-01	8.85E-01
LINC00847	0.37	4.72E-01	1.00E+00	0.26	4.28E-01	8.85E-01
CXorf40A	-0.07	7.57E-01	1.00E+00	0.21	4.28E-01	8.85E-01

LRG1	-0.98	3.59E-02	1.00E+00	-0.42	4.28E-01	8.85E-01
FKBP8	-0.02	9.23E-01	1.00E+00	0.48	4.28E-01	8.85E-01
ZW10	0.19	5.52E-01	1.00E+00	-0.20	4.28E-01	8.85E-01
ZNF580	0.00	9.89E-01	1.00E+00	-0.39	4.28E-01	8.85E-01
CFL1	-0.15	4.15E-01	1.00E+00	-0.11	4.28E-01	8.85E-01
BANP	0.12	5.44E-01	1.00E+00	0.25	4.28E-01	8.85E-01
SMIM15	0.13	5.09E-01	1.00E+00	-0.20	4.28E-01	8.85E-01
AC069366.1	2.60	4.45E-01	1.00E+00	-1.39	4.28E-01	8.85E-01
AP004609.1	-1.16	7.39E-01	1.00E+00	1.45	4.28E-01	8.85E-01
TRIM16L	0.03	9.21E-01	1.00E+00	-0.31	4.28E-01	8.85E-01
CHRNB4	-0.72	5.42E-01	1.00E+00	0.87	4.28E-01	8.85E-01
WDFY2	0.09	8.13E-01	1.00E+00	0.25	4.28E-01	8.85E-01
FAM78B	-0.85	1.06E-01	1.00E+00	0.70	4.28E-01	8.85E-01
RPP25L	0.14	5.94E-01	1.00E+00	0.17	4.28E-01	8.85E-01
SLC8A1	-0.19	6.88E-01	1.00E+00	0.34	4.28E-01	8.85E-01
RTL8A	-0.13	4.90E-01	1.00E+00	-0.16	4.28E-01	8.85E-01
NCAPG	0.39	2.32E-01	1.00E+00	0.42	4.28E-01	8.85E-01
XLOC_007437	0.80	1.12E-01	1.00E+00	-0.67	4.29E-01	8.85E-01
BX470102.2	-0.18	6.64E-01	1.00E+00	-0.34	4.29E-01	8.85E-01
TNNI1	-0.59	2.81E-01	1.00E+00	-0.59	4.29E-01	8.85E-01
AP000688.2	0.72	5.69E-01	1.00E+00	-0.78	4.29E-01	8.85E-01
TMEM160	-0.30	1.79E-01	1.00E+00	-0.49	4.29E-01	8.85E-01
WNT9B	-0.58	6.25E-01	1.00E+00	0.82	4.29E-01	8.85E-01
WARS2-IT1	1.91	4.63E-02	1.00E+00	0.99	4.29E-01	8.85E-01
OSBPL5	-0.04	8.61E-01	1.00E+00	0.39	4.29E-01	8.85E-01
PRDX1P1	0.87	5.39E-01	1.00E+00	-0.57	4.29E-01	8.85E-01
ATM	0.15	6.82E-01	1.00E+00	0.31	4.29E-01	8.85E-01
XLOC_007801	0.91	1.53E-01	1.00E+00	-0.57	4.29E-01	8.85E-01
RPS4X	-0.22	5.06E-01	1.00E+00	0.22	4.29E-01	8.85E-01
NAA38	0.04	8.63E-01	1.00E+00	-0.24	4.29E-01	8.85E-01
HSPB1P1	-0.62	5.40E-01	1.00E+00	-0.55	4.29E-01	8.85E-01
AC010997.3	1.46	2.78E-01	1.00E+00	-0.78	4.29E-01	8.85E-01

LLPH-DT	-0.39	5.81E-01	1.00E+00	-0.82	4.29E-01	8.85E-01
USP40	0.40	4.57E-02	1.00E+00	0.31	4.29E-01	8.85E-01
AC009244.1	1.77	8.51E-03	5.68E-01	-0.37	4.29E-01	8.85E-01
AC000403.1	-0.30	5.01E-01	1.00E+00	0.59	4.29E-01	8.85E-01
CTDNEP1	0.01	9.78E-01	1.00E+00	0.23	4.29E-01	8.86E-01
AC004967.1	-0.43	3.44E-01	1.00E+00	-0.36	4.29E-01	8.86E-01
DDO	0.64	4.03E-01	1.00E+00	0.70	4.29E-01	8.86E-01
EFCAB2	0.49	2.46E-01	1.00E+00	-0.31	4.29E-01	8.86E-01
RCVRN	-0.05	9.54E-01	1.00E+00	0.91	4.29E-01	8.86E-01
XLOC_004842	-0.51	8.61E-01	1.00E+00	1.58	4.29E-01	8.86E-01
AC024597.1	-2.94	3.83E-01	1.00E+00	1.02	4.29E-01	8.86E-01
MIR573	1.72	1.95E-01	1.00E+00	0.75	4.30E-01	8.86E-01
LUC7L2	0.13	5.47E-01	1.00E+00	-0.21	4.30E-01	8.86E-01
AC012615.1	-2.30	5.27E-02	1.00E+00	-0.50	4.30E-01	8.86E-01
CASP5	3.55	1.81E-01	1.00E+00	2.49	4.30E-01	8.86E-01
DRAXIN	-1.05	2.41E-01	1.00E+00	0.69	4.30E-01	8.86E-01
TK2	0.86	5.02E-02	1.00E+00	0.35	4.30E-01	8.86E-01
DPM1	0.20	4.64E-01	1.00E+00	-0.17	4.30E-01	8.86E-01
RASGEF1C	0.33	6.68E-01	1.00E+00	-0.81	4.30E-01	8.86E-01
COL22A1	-1.41	1.24E-01	1.00E+00	2.48	4.30E-01	8.86E-01
GABPB1-AS1	0.14	7.50E-01	1.00E+00	-0.22	4.30E-01	8.86E-01
GATD1	-0.32	2.14E-01	1.00E+00	0.38	4.30E-01	8.86E-01
AC008915.2	-0.37	8.59E-01	1.00E+00	-0.56	4.30E-01	8.86E-01
AC008763.1	-1.10	3.83E-01	1.00E+00	-0.61	4.30E-01	8.86E-01
COQ8A	0.21	2.82E-01	1.00E+00	-0.32	4.30E-01	8.86E-01
CCL28	0.20	6.30E-01	1.00E+00	0.34	4.30E-01	8.86E-01
GTF3A	0.03	9.10E-01	1.00E+00	-0.20	4.30E-01	8.86E-01
RPS15AP12	1.32	4.06E-01	1.00E+00	-0.45	4.30E-01	8.86E-01
AC044860.1	0.15	8.64E-01	1.00E+00	1.04	4.30E-01	8.86E-01
STXBP3	0.08	7.77E-01	1.00E+00	-0.26	4.30E-01	8.86E-01
MAN1A2	-0.12	4.74E-01	1.00E+00	-0.17	4.30E-01	8.86E-01
PRDM11	0.08	7.00E-01	1.00E+00	0.53	4.30E-01	8.86E-01

PPP1R35	0.31	2.88E-01	1.00E+00	-0.27	4.30E-01	8.86E-01
OSBP	0.01	9.53E-01	1.00E+00	-0.30	4.30E-01	8.86E-01
MRM2	0.00	9.96E-01	1.00E+00	-0.19	4.30E-01	8.86E-01
AC117503.3	-3.23	6.91E-02	1.00E+00	-1.21	4.30E-01	8.86E-01
YTHDF1	-0.11	5.74E-01	1.00E+00	-0.32	4.30E-01	8.86E-01
SYTL3	0.18	7.43E-01	1.00E+00	0.22	4.30E-01	8.86E-01
NMU	0.01	9.83E-01	1.00E+00	-0.63	4.31E-01	8.86E-01
HDC	0.60	3.95E-01	1.00E+00	0.70	4.31E-01	8.86E-01
SEC16A	-0.12	5.01E-01	1.00E+00	0.35	4.31E-01	8.86E-01
TEAD3	-0.14	6.77E-01	1.00E+00	0.39	4.31E-01	8.86E-01
TSR2	0.25	1.88E-01	1.00E+00	-0.17	4.31E-01	8.86E-01
PCYOX1L	-0.10	6.93E-01	1.00E+00	0.34	4.31E-01	8.86E-01
CD300H	0.49	7.55E-01	1.00E+00	1.29	4.31E-01	8.86E-01
ITGA6-AS1	-3.31	1.29E-01	1.00E+00	-0.94	4.31E-01	8.86E-01
ZSCAN22	-0.04	9.19E-01	1.00E+00	-0.37	4.31E-01	8.86E-01
UBE2MP1	-0.18	9.35E-01	1.00E+00	-0.43	4.31E-01	8.86E-01
ZBP1	-0.51	6.91E-01	1.00E+00	2.47	4.31E-01	8.86E-01
ACAA2	1.37	1.40E-02	7.46E-01	-0.33	4.31E-01	8.86E-01
COMT	-0.04	8.47E-01	1.00E+00	0.14	4.31E-01	8.86E-01
SSX2IP	-0.30	2.83E-01	1.00E+00	-0.23	4.31E-01	8.86E-01
SNRPN	1.14	3.18E-01	1.00E+00	-0.54	4.31E-01	8.86E-01
CCDC169	-0.59	7.92E-01	1.00E+00	-0.81	4.31E-01	8.86E-01
RPIA	0.10	6.99E-01	1.00E+00	-0.21	4.31E-01	8.86E-01
CD9	0.30	9.87E-02	1.00E+00	-0.23	4.31E-01	8.86E-01
HEPACAM2	-2.56	1.89E-01	1.00E+00	-1.23	4.31E-01	8.86E-01
AC073857.1	-0.94	2.59E-01	1.00E+00	0.41	4.31E-01	8.86E-01
RBM7	0.28	2.85E-01	1.00E+00	-0.26	4.31E-01	8.86E-01
NRK	0.85	4.67E-01	1.00E+00	0.98	4.32E-01	8.86E-01
CCNQ	-0.13	5.51E-01	1.00E+00	-0.45	4.32E-01	8.86E-01
LUZP2	0.37	7.20E-01	1.00E+00	-0.58	4.32E-01	8.86E-01
TREML2	0.49	7.44E-01	1.00E+00	1.44	4.32E-01	8.86E-01
CCDC181	-0.66	5.06E-01	1.00E+00	-0.54	4.32E-01	8.86E-01

SFMBT1	-0.23	3.12E-01	1.00E+00	-0.19	4.32E-01	8.86E-01
AC019197.1	1.20	3.60E-01	1.00E+00	-0.74	4.32E-01	8.86E-01
SPATA24	-0.04	8.91E-01	1.00E+00	0.29	4.32E-01	8.86E-01
NUDT5	-0.11	5.32E-01	1.00E+00	-0.21	4.32E-01	8.86E-01
HOXB8	0.01	9.90E-01	1.00E+00	0.66	4.32E-01	8.86E-01
C3orf35	0.20	8.65E-01	1.00E+00	-0.75	4.32E-01	8.86E-01
MATN2	-0.04	8.08E-01	1.00E+00	-0.23	4.32E-01	8.86E-01
LINC02511	3.40	2.31E-02	9.12E-01	-0.81	4.32E-01	8.86E-01
SEC24B	0.05	8.13E-01	1.00E+00	-0.21	4.32E-01	8.86E-01
LINC02593	0.21	8.41E-01	1.00E+00	1.04	4.32E-01	8.86E-01
GLIS1	-0.34	5.11E-01	1.00E+00	0.41	4.32E-01	8.86E-01
NOX1	0.10	9.14E-01	1.00E+00	-0.48	4.32E-01	8.86E-01
ADH1C	1.79	1.78E-01	1.00E+00	-0.86	4.32E-01	8.86E-01
NXN	-0.15	5.35E-01	1.00E+00	0.42	4.32E-01	8.86E-01
MANBAL	-0.11	5.36E-01	1.00E+00	-0.14	4.32E-01	8.86E-01
XLOC_005182	-0.23	8.46E-01	1.00E+00	0.86	4.32E-01	8.86E-01
ADGRD1	0.81	8.58E-02	1.00E+00	0.41	4.32E-01	8.86E-01
WASHC5	0.05	7.66E-01	1.00E+00	-0.15	4.32E-01	8.86E-01
AP002812.3	-1.89	5.83E-01	1.00E+00	0.82	4.32E-01	8.86E-01
SLC30A7	0.17	5.75E-01	1.00E+00	0.21	4.32E-01	8.86E-01
ZSCAN23	0.46	7.28E-01	1.00E+00	0.68	4.33E-01	8.86E-01
ZNF142	-0.38	4.05E-02	1.00E+00	0.49	4.33E-01	8.86E-01
BCAS2	-0.09	6.30E-01	1.00E+00	-0.27	4.33E-01	8.86E-01
GLIPR2	0.44	2.86E-01	1.00E+00	0.34	4.33E-01	8.86E-01
HAUS8	0.30	2.10E-01	1.00E+00	0.20	4.33E-01	8.86E-01
RAI2	0.55	1.90E-01	1.00E+00	-0.38	4.33E-01	8.86E-01
AC012640.2	-0.42	2.31E-01	1.00E+00	-0.20	4.33E-01	8.86E-01
LINC01397	-2.96	5.39E-02	1.00E+00	1.67	4.33E-01	8.86E-01
CDK17	-0.11	6.31E-01	1.00E+00	-0.16	4.33E-01	8.86E-01
CCL17	0.42	5.32E-01	1.00E+00	0.59	4.33E-01	8.86E-01
AL445231.1	-3.11	1.67E-02	8.13E-01	0.59	4.33E-01	8.86E-01
TRBV10-2	0.56	8.71E-01	1.00E+00	1.18	4.33E-01	8.86E-01

DNAJB1	-0.44	1.88E-01	1.00E+00	0.18	4.33E-01	8.86E-01
TMEM186	0.05	8.37E-01	1.00E+00	-0.13	4.33E-01	8.86E-01
VDAC1P1	-0.69	7.91E-01	1.00E+00	-0.42	4.33E-01	8.86E-01
AC092691.1	0.79	4.57E-01	1.00E+00	0.65	4.33E-01	8.86E-01
AL355512.1	-1.97	1.87E-01	1.00E+00	-0.74	4.33E-01	8.86E-01
EXTL1	0.06	9.31E-01	1.00E+00	-0.66	4.33E-01	8.86E-01
C3orf62	0.36	1.21E-01	1.00E+00	0.23	4.33E-01	8.86E-01
LY86-AS1	-1.47	4.51E-01	1.00E+00	-0.86	4.33E-01	8.86E-01
MRPS7	-0.18	2.07E-01	1.00E+00	-0.16	4.33E-01	8.86E-01
MIR181A2HG	0.09	8.92E-01	1.00E+00	-0.56	4.33E-01	8.86E-01
MYO7A	-0.22	7.41E-01	1.00E+00	0.74	4.33E-01	8.87E-01
MOB2	-0.22	3.09E-01	1.00E+00	-0.33	4.34E-01	8.87E-01
ATP5PO	0.17	5.55E-01	1.00E+00	-0.47	4.34E-01	8.87E-01
RNF217-AS1	-2.71	2.36E-02	9.15E-01	-0.50	4.34E-01	8.87E-01
LYL1	0.13	7.94E-01	1.00E+00	0.88	4.34E-01	8.87E-01
PRO1804	1.35	6.84E-01	1.00E+00	-1.04	4.34E-01	8.87E-01
STK32C	-0.34	1.30E-01	1.00E+00	0.28	4.34E-01	8.87E-01
NGDN	-0.06	7.42E-01	1.00E+00	-0.22	4.34E-01	8.87E-01
AC244093.2	NA	NA	NA	1.22	4.34E-01	8.87E-01
KLF9	-0.24	6.71E-01	1.00E+00	0.39	4.34E-01	8.87E-01
UGT3A2	0.68	3.19E-01	1.00E+00	-0.75	4.34E-01	8.87E-01
AKAP12	0.40	3.92E-01	1.00E+00	0.37	4.34E-01	8.87E-01
BBS5	0.23	3.84E-01	1.00E+00	0.64	4.34E-01	8.87E-01
NMNAT2	0.05	9.33E-01	1.00E+00	0.37	4.34E-01	8.87E-01
HPF1	0.06	7.65E-01	1.00E+00	-0.27	4.34E-01	8.87E-01
TBXA2R	-0.35	5.44E-01	1.00E+00	0.54	4.34E-01	8.87E-01
FASTKD5	-0.29	1.45E-01	1.00E+00	0.11	4.34E-01	8.87E-01
CDCA8	-0.01	9.83E-01	1.00E+00	0.30	4.34E-01	8.87E-01
AC245014.3	-0.47	8.12E-01	1.00E+00	-0.81	4.34E-01	8.87E-01
CROCC2	-0.64	5.58E-01	1.00E+00	1.32	4.34E-01	8.87E-01
SPATC1	-2.65	2.56E-01	1.00E+00	1.67	4.34E-01	8.87E-01
ZRANB2-AS2	0.21	7.71E-01	1.00E+00	0.47	4.35E-01	8.87E-01

CCDC47	-0.13	5.16E-01	1.00E+00	-0.17	4.35E-01	8.87E-01
AC034236.2	0.33	5.26E-01	1.00E+00	-0.38	4.35E-01	8.87E-01
FAM200A	0.26	3.82E-01	1.00E+00	0.29	4.35E-01	8.87E-01
STRADA	0.72	4.23E-01	1.00E+00	0.32	4.35E-01	8.87E-01
XLOC_010829	-0.02	9.86E-01	1.00E+00	0.80	4.35E-01	8.87E-01
IAH1	0.05	8.17E-01	1.00E+00	-0.17	4.35E-01	8.87E-01
UTP6	0.09	6.71E-01	1.00E+00	0.15	4.35E-01	8.87E-01
AP005131.6	-0.67	6.42E-01	1.00E+00	-0.91	4.35E-01	8.87E-01
AL162578.1	-0.25	9.42E-01	1.00E+00	0.74	4.35E-01	8.88E-01
AC097493.4	1.08	2.20E-01	1.00E+00	0.68	4.35E-01	8.88E-01
FANCF	-0.09	7.37E-01	1.00E+00	-0.23	4.35E-01	8.88E-01
SELENOK	0.10	5.67E-01	1.00E+00	-0.26	4.35E-01	8.88E-01
ZNF236-DT	-0.49	3.52E-01	1.00E+00	0.70	4.35E-01	8.88E-01
POLR2G	-0.18	2.81E-01	1.00E+00	-0.20	4.35E-01	8.88E-01
FLJ45513	-0.42	7.70E-01	1.00E+00	-1.05	4.35E-01	8.88E-01
ASH2L	0.02	8.93E-01	1.00E+00	0.16	4.35E-01	8.88E-01
AL442663.4	-1.50	4.04E-01	1.00E+00	-0.75	4.35E-01	8.88E-01
POMZP3	-0.06	9.02E-01	1.00E+00	-0.41	4.35E-01	8.88E-01
ATP6V1FNB	-0.06	8.93E-01	1.00E+00	0.54	4.36E-01	8.88E-01
AC006330.1	4.27	7.40E-02	1.00E+00	-1.10	4.36E-01	8.88E-01
SGMS1-AS1	0.13	7.46E-01	1.00E+00	0.36	4.36E-01	8.88E-01
SNAI1	0.31	2.85E-01	1.00E+00	1.73	4.36E-01	8.88E-01
AC096751.1	-0.29	8.37E-01	1.00E+00	-0.69	4.36E-01	8.88E-01
BRK1	0.07	6.31E-01	1.00E+00	-0.15	4.36E-01	8.88E-01
STOX2	-0.52	3.21E-02	1.00E+00	-0.23	4.36E-01	8.88E-01
AC092809.4	0.48	3.75E-01	1.00E+00	-0.67	4.36E-01	8.88E-01
FKBP9P1	-0.16	7.72E-01	1.00E+00	0.29	4.36E-01	8.88E-01
P2RY12	0.96	1.78E-01	1.00E+00	-0.63	4.36E-01	8.88E-01
ST6GALNAC2	-0.09	7.48E-01	1.00E+00	0.29	4.36E-01	8.88E-01
GNA12	0.11	7.56E-01	1.00E+00	0.44	4.36E-01	8.88E-01
MAT2B	0.23	2.98E-01	1.00E+00	-0.18	4.36E-01	8.88E-01
LRR1	0.10	7.38E-01	1.00E+00	-0.30	4.36E-01	8.89E-01

AC139149.1	-1.90	4.14E-02	1.00E+00	0.96	4.36E-01	8.89E-01
THOC2	0.14	4.94E-01	1.00E+00	0.09	4.36E-01	8.89E-01
AC007541.1	0.88	1.34E-01	1.00E+00	-0.58	4.36E-01	8.89E-01
BECN1	-0.03	8.32E-01	1.00E+00	-0.15	4.36E-01	8.89E-01
PRB3	-1.07	2.32E-01	1.00E+00	-0.66	4.36E-01	8.89E-01
CYP2W1	-0.23	6.71E-01	1.00E+00	-0.71	4.37E-01	8.89E-01
ANXA5	0.26	5.31E-01	1.00E+00	-0.28	4.37E-01	8.89E-01
MAP3K1	-0.13	6.73E-01	1.00E+00	-0.27	4.37E-01	8.89E-01
ZNF326	-0.39	9.27E-02	1.00E+00	-0.16	4.37E-01	8.89E-01
BAZZA	-0.31	1.92E-01	1.00E+00	0.41	4.37E-01	8.89E-01
AC068580.4	-0.53	7.40E-01	1.00E+00	1.35	4.37E-01	8.89E-01
G39837	0.77	4.77E-01	1.00E+00	1.07	4.37E-01	8.89E-01
LEFTY2	-0.52	6.56E-01	1.00E+00	-0.80	4.37E-01	8.89E-01
NORAD	0.10	5.42E-01	1.00E+00	0.30	4.37E-01	8.89E-01
MLH1	-0.21	1.17E-01	1.00E+00	0.13	4.37E-01	8.89E-01
ZBED5-AS1	-0.12	6.72E-01	1.00E+00	-0.40	4.37E-01	8.89E-01
LGALS7	2.86	3.68E-01	1.00E+00	2.43	4.37E-01	8.89E-01
PPP1R2B	-1.71	1.89E-01	1.00E+00	-0.34	4.37E-01	8.89E-01
XLOC_005050	0.95	1.39E-01	1.00E+00	-0.71	4.37E-01	8.89E-01
NRG2	-0.32	3.61E-01	1.00E+00	-0.52	4.37E-01	8.89E-01
LRFN4	-0.27	3.96E-01	1.00E+00	0.59	4.37E-01	8.89E-01
LRRK1	-0.25	2.68E-01	1.00E+00	0.35	4.37E-01	8.89E-01
ANKRD20A1	0.29	8.44E-01	1.00E+00	0.63	4.37E-01	8.89E-01
AL021707.2	0.17	7.65E-01	1.00E+00	0.39	4.37E-01	8.89E-01
ZNF846	-0.42	1.26E-01	1.00E+00	-0.30	4.37E-01	8.89E-01
MIB1	0.17	4.38E-01	1.00E+00	0.24	4.37E-01	8.89E-01
HLCS	0.05	8.81E-01	1.00E+00	-0.22	4.38E-01	8.89E-01
CARD19	-0.21	2.77E-01	1.00E+00	-0.18	4.38E-01	8.89E-01
PPP3CB	-0.05	8.10E-01	1.00E+00	0.26	4.38E-01	8.89E-01
CLASRP	-0.30	3.13E-01	1.00E+00	0.41	4.38E-01	8.89E-01
ZNF641	0.11	7.23E-01	1.00E+00	0.34	4.38E-01	8.89E-01
YWHAEP7	-0.50	8.83E-01	1.00E+00	-0.69	4.38E-01	8.89E-01

PAK1	-0.18	4.06E-01	1.00E+00	0.18	4.38E-01	8.89E-01
EGFL7	-0.32	3.86E-01	1.00E+00	0.38	4.38E-01	8.89E-01
KBTBD13	0.30	7.44E-01	1.00E+00	-1.06	4.38E-01	8.89E-01
PLK4	-0.21	3.57E-01	1.00E+00	-0.28	4.38E-01	8.89E-01
AC091849.1	-0.74	3.72E-01	1.00E+00	0.70	4.38E-01	8.89E-01
SMARCAL1	-0.04	8.42E-01	1.00E+00	0.17	4.38E-01	8.89E-01
CACNA2D1	0.44	2.34E-01	1.00E+00	-0.38	4.38E-01	8.89E-01
HMGN2P41	0.25	7.27E-01	1.00E+00	-0.37	4.38E-01	8.89E-01
ATP13A2	-0.08	7.00E-01	1.00E+00	0.43	4.38E-01	8.89E-01
AC010632.2	0.00	9.99E-01	1.00E+00	1.01	4.38E-01	8.89E-01
PKHD1L1	0.62	3.41E-01	1.00E+00	0.68	4.38E-01	8.89E-01
SLC30A3	-1.82	1.33E-01	1.00E+00	-0.84	4.38E-01	8.89E-01
AC006942.1	NA	NA	NA	-0.90	4.38E-01	8.89E-01
SMG8	0.15	4.33E-01	1.00E+00	0.16	4.38E-01	8.89E-01
XLOC_009994	0.16	9.07E-01	1.00E+00	0.84	4.39E-01	8.89E-01
AC138627.1	2.10	4.02E-01	1.00E+00	1.09	4.39E-01	8.89E-01
DKK1	0.94	1.64E-01	1.00E+00	1.41	4.39E-01	8.89E-01
APOC1P1	-0.08	9.82E-01	1.00E+00	0.83	4.39E-01	8.89E-01
NUP50-DT	-0.28	4.57E-01	1.00E+00	0.19	4.39E-01	8.89E-01
ARL8A	0.03	8.95E-01	1.00E+00	0.40	4.39E-01	8.89E-01
AC010754.1	1.16	4.37E-01	1.00E+00	1.10	4.39E-01	8.89E-01
TVP23C	-0.03	9.37E-01	1.00E+00	-0.21	4.39E-01	8.89E-01
NXT1	-0.19	4.65E-01	1.00E+00	0.21	4.39E-01	8.89E-01
DNAJC18	0.24	6.12E-01	1.00E+00	0.47	4.39E-01	8.89E-01
AL008635.1	-1.19	7.29E-01	1.00E+00	0.74	4.39E-01	8.89E-01
OPLAH	-0.05	9.01E-01	1.00E+00	-0.58	4.39E-01	8.89E-01
CDC27	-0.03	8.29E-01	1.00E+00	0.14	4.39E-01	8.89E-01
ENTPD5	0.05	8.49E-01	1.00E+00	0.15	4.39E-01	8.89E-01
FAM205C	-0.85	5.27E-01	1.00E+00	0.81	4.39E-01	8.89E-01
AC124248.1	-0.53	6.63E-01	1.00E+00	0.43	4.39E-01	8.89E-01
MARK2P9	3.27	6.68E-02	1.00E+00	-0.78	4.39E-01	8.89E-01
ADAMTSL3	0.64	6.99E-02	1.00E+00	-0.28	4.39E-01	8.89E-01

GSPT2	0.17	6.81E-01	1.00E+00	-0.27	4.39E-01	8.89E-01
RPL36	-0.18	5.00E-01	1.00E+00	0.26	4.39E-01	8.89E-01
SYS1	0.32	1.32E-01	1.00E+00	0.15	4.39E-01	8.90E-01
AL109918.1	-0.05	9.31E-01	1.00E+00	0.58	4.39E-01	8.90E-01
SLCO4A1	0.02	9.54E-01	1.00E+00	0.24	4.39E-01	8.90E-01
PODXL2	-0.69	3.07E-02	1.00E+00	-0.59	4.39E-01	8.90E-01
NPC1L1	0.90	5.77E-01	1.00E+00	1.27	4.40E-01	8.90E-01
DYNLT3	-0.09	7.09E-01	1.00E+00	-0.25	4.40E-01	8.90E-01
FDCSP	-1.70	6.21E-01	1.00E+00	1.24	4.40E-01	8.90E-01
IGSF9	-0.42	1.91E-01	1.00E+00	-0.50	4.40E-01	8.90E-01
AC079228.1	0.47	8.34E-01	1.00E+00	-0.47	4.40E-01	8.90E-01
XLOC_013347	-0.64	3.56E-01	1.00E+00	0.58	4.40E-01	8.90E-01
SYCP1	-0.19	8.94E-01	1.00E+00	-0.99	4.40E-01	8.90E-01
KLK4	-1.05	3.30E-01	1.00E+00	0.88	4.40E-01	8.90E-01
AC120036.4	1.23	1.48E-01	1.00E+00	-0.78	4.40E-01	8.90E-01
AC003965.1	-0.86	8.02E-01	1.00E+00	-1.31	4.40E-01	8.90E-01
G39803	0.67	8.05E-01	1.00E+00	-0.58	4.40E-01	8.90E-01
AFG3L2	-0.11	6.07E-01	1.00E+00	-0.21	4.40E-01	8.90E-01
BCL9	-0.29	2.20E-01	1.00E+00	0.38	4.40E-01	8.90E-01
N4BP1	-0.07	8.01E-01	1.00E+00	0.33	4.40E-01	8.90E-01
BPNT1	-0.17	3.88E-01	1.00E+00	0.17	4.40E-01	8.90E-01
SGSM1	0.16	6.47E-01	1.00E+00	-0.39	4.40E-01	8.90E-01
ZNF341	0.15	6.70E-01	1.00E+00	0.33	4.40E-01	8.90E-01
EPCAM	0.38	4.93E-01	1.00E+00	-0.39	4.40E-01	8.90E-01
CCT7P1	0.55	6.57E-01	1.00E+00	1.15	4.40E-01	8.90E-01
KLHDC1	-0.23	6.04E-01	1.00E+00	-0.28	4.40E-01	8.90E-01
LRP5	0.05	8.71E-01	1.00E+00	0.43	4.40E-01	8.90E-01
AL391825.1	0.47	8.93E-01	1.00E+00	-1.32	4.40E-01	8.90E-01
PDCD6IP	-0.21	3.17E-01	1.00E+00	-0.15	4.40E-01	8.90E-01
AC016769.1	-1.05	3.21E-01	1.00E+00	1.03	4.40E-01	8.90E-01
AC107075.1	0.30	7.99E-01	1.00E+00	-0.47	4.40E-01	8.90E-01
STK35	0.07	7.51E-01	1.00E+00	0.28	4.40E-01	8.90E-01

TEX41	-0.17	6.73E-01	1.00E+00	0.31	4.40E-01	8.90E-01
AC026748.1	-1.19	2.55E-01	1.00E+00	1.06	4.40E-01	8.90E-01
COPB1	0.24	1.05E-01	1.00E+00	-0.13	4.40E-01	8.90E-01
G39721	-2.31	4.62E-02	1.00E+00	0.87	4.40E-01	8.90E-01
EIF1AD	-0.09	7.02E-01	1.00E+00	0.16	4.40E-01	8.90E-01
AC130650.2	-0.47	7.06E-01	1.00E+00	-0.64	4.41E-01	8.90E-01
ST13	0.06	7.72E-01	1.00E+00	-0.10	4.41E-01	8.90E-01
XLOC_002900	-0.71	7.14E-01	1.00E+00	-0.90	4.41E-01	8.90E-01
VMP1	0.23	1.49E-01	1.00E+00	-0.21	4.41E-01	8.90E-01
G14419	-0.74	4.63E-01	1.00E+00	-0.60	4.41E-01	8.90E-01
POPDC2	-0.49	4.33E-01	1.00E+00	0.43	4.41E-01	8.90E-01
KRT14	-0.30	3.26E-01	1.00E+00	0.41	4.41E-01	8.90E-01
CTC-338M12.4	0.05	9.44E-01	1.00E+00	-0.30	4.41E-01	8.90E-01
NEK6	0.21	6.10E-01	1.00E+00	0.38	4.41E-01	8.90E-01
DBH	-2.89	3.82E-02	1.00E+00	1.23	4.41E-01	8.90E-01
TMEM141	0.26	2.76E-01	1.00E+00	-0.23	4.41E-01	8.90E-01
FAM151B	0.06	9.28E-01	1.00E+00	-0.40	4.41E-01	8.90E-01
PPP1R12A-AS1	0.47	3.11E-01	1.00E+00	-0.43	4.41E-01	8.90E-01
DPYD	0.18	4.78E-01	1.00E+00	0.31	4.41E-01	8.90E-01
SERF2	0.12	5.43E-01	1.00E+00	-0.40	4.41E-01	8.90E-01
AC139256.1	-1.24	5.67E-01	1.00E+00	0.93	4.41E-01	8.90E-01
DLG3-AS1	-1.71	5.44E-01	1.00E+00	-0.65	4.41E-01	8.90E-01
G3BP1	0.25	2.13E-01	1.00E+00	-0.13	4.41E-01	8.90E-01
CDK15	0.61	3.00E-01	1.00E+00	0.53	4.41E-01	8.90E-01
LRRC58	0.07	7.06E-01	1.00E+00	-0.13	4.41E-01	8.90E-01
NOL3	-0.03	9.42E-01	1.00E+00	-0.25	4.41E-01	8.90E-01
EHMT1	-0.14	5.19E-01	1.00E+00	0.28	4.41E-01	8.90E-01
IL9	NA	NA	NA	2.07	4.41E-01	8.90E-01
XRCC4	0.11	7.53E-01	1.00E+00	-0.25	4.41E-01	8.90E-01
ZNF765	0.10	7.57E-01	1.00E+00	-0.20	4.42E-01	8.90E-01
XLOC_006495	0.20	9.20E-01	1.00E+00	0.95	4.42E-01	8.90E-01
SLAMF1	0.45	5.57E-01	1.00E+00	2.41	4.42E-01	8.90E-01

XLOC_013263	-2.90	8.34E-03	5.64E-01	-0.63	4.42E-01	8.90E-01
LGALS8-AS1	-2.97	2.92E-01	1.00E+00	-1.05	4.42E-01	8.90E-01
IBTK	0.20	4.83E-01	1.00E+00	0.23	4.42E-01	8.90E-01
FLJ37035	-0.40	6.57E-01	1.00E+00	-0.57	4.42E-01	8.90E-01
FOXP4	-0.34	2.98E-01	1.00E+00	0.53	4.42E-01	8.90E-01
PCDHB15	-0.27	5.60E-01	1.00E+00	0.49	4.42E-01	8.90E-01
TBX2-AS1	0.31	7.66E-01	1.00E+00	-0.56	4.42E-01	8.90E-01
PLCG1	0.00	9.75E-01	1.00E+00	0.43	4.42E-01	8.90E-01
ARHGEF10L	-0.09	7.58E-01	1.00E+00	0.33	4.42E-01	8.90E-01
LMCD1	0.10	7.96E-01	1.00E+00	0.34	4.42E-01	8.90E-01
TKFC	-0.09	6.53E-01	1.00E+00	-0.14	4.42E-01	8.90E-01
ENDOD1	0.02	9.39E-01	1.00E+00	0.19	4.42E-01	8.90E-01
FTX	0.27	3.84E-01	1.00E+00	-0.14	4.42E-01	8.90E-01
CAGE1	-2.89	3.93E-01	1.00E+00	0.93	4.42E-01	8.90E-01
SERINC1	0.28	2.36E-01	1.00E+00	-0.22	4.42E-01	8.90E-01
FAM198B-AS1	-0.57	3.74E-01	1.00E+00	-0.45	4.42E-01	8.90E-01
ACTR5	-0.09	6.57E-01	1.00E+00	-0.21	4.42E-01	8.90E-01
TUT7	0.15	7.23E-01	1.00E+00	0.21	4.42E-01	8.90E-01
HSP90AA1	0.07	6.95E-01	1.00E+00	0.20	4.42E-01	8.90E-01
BLOC1S2	-0.11	6.66E-01	1.00E+00	-0.27	4.42E-01	8.90E-01
CHRNB1	-0.13	5.71E-01	1.00E+00	-0.21	4.42E-01	8.90E-01
PBXIP1	0.02	9.56E-01	1.00E+00	0.27	4.43E-01	8.90E-01
HAGLROS	-1.46	2.75E-01	1.00E+00	-0.61	4.43E-01	8.90E-01
OTUB2	-0.76	2.13E-01	1.00E+00	0.42	4.43E-01	8.90E-01
SPAG4	0.06	9.26E-01	1.00E+00	0.84	4.43E-01	8.90E-01
RPH3AL	-0.42	2.52E-01	1.00E+00	-0.42	4.43E-01	8.91E-01
TSG101	0.08	7.02E-01	1.00E+00	-0.23	4.43E-01	8.91E-01
UBTD2	0.21	4.58E-01	1.00E+00	0.34	4.43E-01	8.91E-01
GRIA4	-0.11	8.42E-01	1.00E+00	-0.63	4.43E-01	8.91E-01
ARL3	-0.16	5.66E-01	1.00E+00	-0.20	4.43E-01	8.91E-01
USP46	0.40	7.56E-02	1.00E+00	0.18	4.43E-01	8.91E-01
RPL21P16	-0.10	7.77E-01	1.00E+00	-0.43	4.43E-01	8.91E-01

PDCD11	-0.32	2.47E-01	1.00E+00	0.28	4.43E-01	8.91E-01
QRFP	-0.28	7.94E-01	1.00E+00	1.03	4.43E-01	8.91E-01
ZFR	-0.15	3.93E-01	1.00E+00	-0.12	4.43E-01	8.91E-01
EFR3B	-0.19	7.77E-01	1.00E+00	0.40	4.43E-01	8.91E-01
SLC35A4	-0.27	9.83E-02	1.00E+00	0.10	4.43E-01	8.91E-01
ROBO2	-0.27	5.63E-01	1.00E+00	-0.40	4.43E-01	8.91E-01
ZNF451-AS1	-0.53	6.74E-01	1.00E+00	-0.50	4.44E-01	8.91E-01
UBE2M	-0.12	5.78E-01	1.00E+00	-0.41	4.44E-01	8.91E-01
AGA	-0.26	3.10E-01	1.00E+00	-0.24	4.44E-01	8.91E-01
TRAPPC6A	-0.12	5.55E-01	1.00E+00	-0.28	4.44E-01	8.91E-01
AL133383.1	-2.59	3.06E-01	1.00E+00	1.21	4.44E-01	8.91E-01
BMPR1AP1	-0.99	7.76E-01	1.00E+00	-0.54	4.44E-01	8.91E-01
PKN2-AS1	-0.51	5.23E-01	1.00E+00	-0.63	4.44E-01	8.91E-01
AL034379.1	-1.61	6.41E-01	1.00E+00	-0.56	4.44E-01	8.91E-01
GNA13	0.10	6.46E-01	1.00E+00	0.17	4.44E-01	8.91E-01
PRSS30P	-1.58	1.64E-01	1.00E+00	-0.91	4.44E-01	8.91E-01
BAG3	-0.27	2.37E-01	1.00E+00	-0.35	4.44E-01	8.91E-01
AL355482.2	-2.29	2.22E-01	1.00E+00	-1.07	4.44E-01	8.91E-01
NF2	0.04	8.70E-01	1.00E+00	0.13	4.44E-01	8.91E-01
PPP2R2D	0.03	8.31E-01	1.00E+00	-0.36	4.44E-01	8.91E-01
RPL27	-0.11	7.38E-01	1.00E+00	0.20	4.44E-01	8.91E-01
ATP5MF	-0.06	8.05E-01	1.00E+00	-0.39	4.44E-01	8.91E-01
AL359532.1	1.13	1.34E-01	1.00E+00	0.77	4.44E-01	8.91E-01
PVALB	-0.54	8.28E-01	1.00E+00	1.04	4.44E-01	8.91E-01
HPGD	0.21	6.61E-01	1.00E+00	-0.32	4.44E-01	8.91E-01
ZFAND1	0.14	5.48E-01	1.00E+00	-0.28	4.44E-01	8.91E-01
AC092999.1	1.58	2.89E-01	1.00E+00	0.75	4.44E-01	8.91E-01
G12029	1.37	3.90E-01	1.00E+00	1.04	4.44E-01	8.91E-01
PRR7	-1.16	1.76E-02	8.33E-01	-0.43	4.44E-01	8.91E-01
AQP9	0.61	3.09E-01	1.00E+00	0.36	4.44E-01	8.91E-01
AC135506.1	0.01	9.83E-01	1.00E+00	-0.53	4.44E-01	8.91E-01
LRRC4C	0.03	9.64E-01	1.00E+00	0.53	4.44E-01	8.91E-01

RNF111	0.00	9.88E-01	1.00E+00	0.18	4.44E-01	8.91E-01
AC007298.2	0.35	8.08E-01	1.00E+00	0.64	4.45E-01	8.91E-01
CHST13	1.15	4.11E-01	1.00E+00	0.96	4.45E-01	8.91E-01
DDX39A	-0.23	3.85E-01	1.00E+00	0.18	4.45E-01	8.91E-01
SAP18	0.04	7.94E-01	1.00E+00	-0.19	4.45E-01	8.91E-01
TARSL2	-0.14	6.39E-01	1.00E+00	-0.24	4.45E-01	8.91E-01
TRAV25	-1.45	5.31E-01	1.00E+00	1.24	4.45E-01	8.91E-01
SNAP25	-3.49	8.57E-02	1.00E+00	1.00	4.45E-01	8.91E-01
AF201337.1	-1.84	2.69E-01	1.00E+00	-0.32	4.45E-01	8.91E-01
FBRSL1	-0.37	2.55E-01	1.00E+00	0.56	4.45E-01	8.91E-01
AL390879.1	-0.51	4.45E-01	1.00E+00	-0.39	4.45E-01	8.91E-01
AC107983.1	0.66	5.48E-01	1.00E+00	-0.37	4.45E-01	8.91E-01
ALG1L8P	-0.31	6.99E-01	1.00E+00	-0.58	4.45E-01	8.91E-01
DYNC1I1	-0.48	2.83E-01	1.00E+00	-0.35	4.45E-01	8.91E-01
AC005899.8	-0.36	7.68E-01	1.00E+00	0.57	4.45E-01	8.91E-01
SRSF9P1	-2.46	4.68E-03	3.94E-01	0.60	4.45E-01	8.91E-01
HNRNPL	-0.19	3.97E-01	1.00E+00	0.40	4.45E-01	8.91E-01
XLOC_014268	-1.53	1.79E-01	1.00E+00	1.07	4.45E-01	8.91E-01
SORL1	0.26	6.75E-01	1.00E+00	0.28	4.45E-01	8.91E-01
PHYHD1	0.14	6.03E-01	1.00E+00	-0.29	4.46E-01	8.92E-01
SSR1	0.10	4.62E-01	1.00E+00	-0.15	4.46E-01	8.92E-01
KRT72	-0.46	8.59E-01	1.00E+00	-0.92	4.46E-01	8.92E-01
LSG1	-0.17	3.29E-01	1.00E+00	-0.12	4.46E-01	8.92E-01
ZMPSTE24	0.03	8.74E-01	1.00E+00	-0.17	4.46E-01	8.92E-01
WDR41	0.22	2.15E-01	1.00E+00	-0.17	4.46E-01	8.92E-01
PEX12	0.18	6.11E-01	1.00E+00	-0.19	4.46E-01	8.92E-01
AC090844.2	1.89	1.57E-01	1.00E+00	-0.76	4.46E-01	8.92E-01
LUC7L	-0.26	5.09E-01	1.00E+00	0.26	4.46E-01	8.92E-01
SPOCK3	-2.75	2.99E-02	9.97E-01	-0.94	4.46E-01	8.92E-01
ADGRB1	-0.75	1.45E-01	1.00E+00	0.82	4.46E-01	8.92E-01
LINC02232	0.86	4.65E-01	1.00E+00	0.85	4.46E-01	8.92E-01
SMYD4	-0.07	7.51E-01	1.00E+00	-0.24	4.46E-01	8.92E-01

XLOC_004989	0.75	4.40E-01	1.00E+00	-0.80	4.46E-01	8.92E-01
AL445933.1	-0.88	5.94E-02	1.00E+00	-0.77	4.46E-01	8.92E-01
HIST1H2BC	-1.25	5.43E-02	1.00E+00	-0.31	4.46E-01	8.92E-01
MT2P1	-0.56	8.73E-01	1.00E+00	0.68	4.46E-01	8.92E-01
DANT2	0.96	5.39E-01	1.00E+00	-0.62	4.46E-01	8.92E-01
TNFSF14	-0.43	5.76E-01	1.00E+00	0.75	4.46E-01	8.92E-01
MGME1	0.04	8.89E-01	1.00E+00	0.19	4.46E-01	8.92E-01
TK1	-0.55	7.31E-02	1.00E+00	0.25	4.46E-01	8.92E-01
UNC93B1	0.01	9.79E-01	1.00E+00	0.75	4.46E-01	8.92E-01
SV2B	-0.30	5.24E-01	1.00E+00	-0.51	4.46E-01	8.92E-01
VPS4B	0.09	6.56E-01	1.00E+00	-0.17	4.47E-01	8.92E-01
AP000787.1	-0.19	7.14E-01	1.00E+00	-0.42	4.47E-01	8.92E-01
TBC1D23	0.18	4.52E-01	1.00E+00	-0.17	4.47E-01	8.92E-01
CCDC85C	-0.06	8.49E-01	1.00E+00	0.55	4.47E-01	8.92E-01
ZBTB46	-0.13	6.70E-01	1.00E+00	0.49	4.47E-01	8.92E-01
TIGIT	-0.35	6.90E-01	1.00E+00	2.38	4.47E-01	8.92E-01
EXOC3L4	-1.17	9.97E-02	1.00E+00	0.63	4.47E-01	8.92E-01
KLK5	-0.05	9.32E-01	1.00E+00	0.49	4.47E-01	8.92E-01
ZFYVE21	0.17	3.95E-01	1.00E+00	-0.24	4.47E-01	8.92E-01
SYT1	0.01	9.97E-01	1.00E+00	0.44	4.47E-01	8.92E-01
AC138783.12	-3.16	7.47E-02	1.00E+00	-0.63	4.47E-01	8.92E-01
CA8	1.11	7.49E-02	1.00E+00	-0.54	4.47E-01	8.92E-01
SPDYE5	0.10	9.22E-01	1.00E+00	0.49	4.47E-01	8.92E-01
AL132857.2	-0.07	9.73E-01	1.00E+00	-0.66	4.47E-01	8.92E-01
AC107884.1	-0.73	2.44E-01	1.00E+00	0.53	4.47E-01	8.92E-01
EIF4EP2	0.04	9.73E-01	1.00E+00	-0.32	4.47E-01	8.92E-01
IL27	-2.81	1.31E-01	1.00E+00	2.40	4.47E-01	8.92E-01
POLR2L	-0.11	5.31E-01	1.00E+00	-0.23	4.47E-01	8.92E-01
C6orf62	0.33	2.49E-01	1.00E+00	0.27	4.47E-01	8.92E-01
SMIM10L1	0.04	8.93E-01	1.00E+00	-0.23	4.47E-01	8.92E-01
ARHGAP12	0.08	7.44E-01	1.00E+00	0.16	4.47E-01	8.92E-01
LINC00884	-2.43	2.94E-02	9.92E-01	-0.56	4.47E-01	8.92E-01

AC013400.1	-1.78	6.06E-01	1.00E+00	1.12	4.48E-01	8.92E-01
XLOC_006242	-0.02	9.75E-01	1.00E+00	0.74	4.48E-01	8.92E-01
AC069282.1	1.37	6.91E-02	1.00E+00	0.43	4.48E-01	8.92E-01
BCAP31	0.16	4.88E-01	1.00E+00	-0.16	4.48E-01	8.92E-01
HMGB1P1	-2.51	1.02E-01	1.00E+00	-0.43	4.48E-01	8.92E-01
AL136531.1	-2.21	3.45E-01	1.00E+00	0.51	4.48E-01	8.92E-01
AC026979.3	0.87	4.83E-01	1.00E+00	0.88	4.48E-01	8.93E-01
AL928654.4	0.21	6.17E-01	1.00E+00	0.58	4.48E-01	8.93E-01
ARMCX5	0.06	8.05E-01	1.00E+00	-0.20	4.48E-01	8.93E-01
AL353622.1	2.46	3.18E-02	1.00E+00	0.82	4.48E-01	8.93E-01
PI16	1.96	1.86E-03	2.39E-01	0.50	4.48E-01	8.93E-01
AC073063.1	-0.59	7.11E-01	1.00E+00	-0.53	4.48E-01	8.93E-01
AC017074.1	-0.38	5.90E-01	1.00E+00	0.80	4.48E-01	8.93E-01
SRCIN1	-0.45	2.40E-01	1.00E+00	0.43	4.48E-01	8.93E-01
G8456	-0.13	8.90E-01	1.00E+00	0.83	4.48E-01	8.93E-01
NPL	-0.33	2.61E-01	1.00E+00	0.31	4.48E-01	8.93E-01
CHMP1B	-0.14	6.47E-01	1.00E+00	0.13	4.48E-01	8.93E-01
STAG3	-0.94	2.16E-02	8.94E-01	0.31	4.48E-01	8.93E-01
MTERF4	0.04	7.77E-01	1.00E+00	0.15	4.48E-01	8.93E-01
AC074032.1	0.26	6.27E-01	1.00E+00	-0.31	4.48E-01	8.93E-01
AL360219.1	0.50	8.32E-01	1.00E+00	0.66	4.48E-01	8.93E-01
AF111167.2	-0.38	4.70E-01	1.00E+00	0.67	4.49E-01	8.93E-01
PTX3	0.36	4.45E-01	1.00E+00	0.79	4.49E-01	8.93E-01
MAN2A2	0.25	5.32E-01	1.00E+00	0.46	4.49E-01	8.93E-01
CCNB1IP1	-0.25	2.93E-01	1.00E+00	-0.19	4.49E-01	8.93E-01
SYNDIG1L	0.80	3.71E-01	1.00E+00	-1.03	4.49E-01	8.93E-01
MRPS36	-0.01	9.78E-01	1.00E+00	-0.25	4.49E-01	8.93E-01
ID2-AS1	-0.23	6.04E-01	1.00E+00	-0.40	4.49E-01	8.93E-01
AC084757.3	-1.75	2.35E-01	1.00E+00	1.00	4.49E-01	8.93E-01
CASC2	-0.21	7.23E-01	1.00E+00	0.35	4.49E-01	8.93E-01
RP11-439A17.7	1.42	4.60E-01	1.00E+00	0.58	4.49E-01	8.93E-01
CFHR3	0.90	7.96E-01	1.00E+00	0.53	4.49E-01	8.93E-01

ADCY6	0.48	3.37E-01	1.00E+00	0.56	4.49E-01	8.93E-01
PNMA2	-0.91	2.27E-01	1.00E+00	0.75	4.49E-01	8.93E-01
ARRDC5	-2.47	2.39E-01	1.00E+00	1.38	4.49E-01	8.93E-01
PHTF1	0.44	3.38E-01	1.00E+00	0.49	4.49E-01	8.93E-01
SERGEF	-0.09	7.70E-01	1.00E+00	-0.18	4.49E-01	8.93E-01
GPM6B	-0.29	4.25E-01	1.00E+00	0.18	4.49E-01	8.93E-01
TRAV38-2DV8	0.37	8.75E-01	1.00E+00	1.00	4.49E-01	8.93E-01
RAB39B	-1.30	1.48E-01	1.00E+00	0.84	4.49E-01	8.93E-01
POLE3	0.04	8.57E-01	1.00E+00	-0.14	4.49E-01	8.93E-01
AC012184.3	0.56	5.31E-01	1.00E+00	-0.72	4.49E-01	8.93E-01
HARS	-0.03	8.71E-01	1.00E+00	0.13	4.49E-01	8.93E-01
SNRPGP10	0.03	9.59E-01	1.00E+00	-0.36	4.50E-01	8.93E-01
ZNF226	0.14	4.32E-01	1.00E+00	-0.21	4.50E-01	8.93E-01
AL023806.1	0.30	8.76E-01	1.00E+00	-1.07	4.50E-01	8.93E-01
RNF11	0.13	5.49E-01	1.00E+00	-0.23	4.50E-01	8.93E-01
RPS6KB1	-0.04	8.41E-01	1.00E+00	0.13	4.50E-01	8.94E-01
CD3E	-1.06	5.93E-02	1.00E+00	2.03	4.50E-01	8.94E-01
POM121	-0.34	1.42E-01	1.00E+00	0.50	4.50E-01	8.94E-01
FAM86FP	0.23	6.88E-01	1.00E+00	0.39	4.50E-01	8.94E-01
CACNA1D	-0.01	9.79E-01	1.00E+00	-0.53	4.50E-01	8.94E-01
TPM1	-0.02	9.68E-01	1.00E+00	-0.24	4.50E-01	8.94E-01
ZNF10	0.28	4.71E-01	1.00E+00	-0.41	4.50E-01	8.94E-01
DHX30	-0.17	3.61E-01	1.00E+00	0.17	4.50E-01	8.94E-01
SF3B4	-0.33	1.44E-01	1.00E+00	0.15	4.50E-01	8.94E-01
XLOC_001162	-0.17	9.28E-01	1.00E+00	0.94	4.50E-01	8.94E-01
SNX2	-0.04	8.45E-01	1.00E+00	-0.21	4.50E-01	8.94E-01
TMEM131L	0.21	5.65E-01	1.00E+00	0.20	4.50E-01	8.94E-01
IGHGP	2.35	4.24E-02	1.00E+00	-0.73	4.50E-01	8.94E-01
GJA4	0.14	7.84E-01	1.00E+00	0.42	4.51E-01	8.94E-01
LANCL1	-0.05	8.52E-01	1.00E+00	-0.22	4.51E-01	8.94E-01
SCARNA9	0.44	7.12E-01	1.00E+00	0.41	4.51E-01	8.94E-01
TIMM17A	0.05	8.27E-01	1.00E+00	-0.20	4.51E-01	8.94E-01

AC023043.4	-0.31	7.84E-01	1.00E+00	0.68	4.51E-01	8.94E-01
SMARCAD1	-0.02	9.45E-01	1.00E+00	0.21	4.51E-01	8.94E-01
TRERF1	-0.47	1.87E-01	1.00E+00	0.36	4.51E-01	8.94E-01
SNRPCP3	-2.23	4.84E-01	1.00E+00	-0.83	4.51E-01	8.94E-01
ZNF287	-0.22	2.98E-01	1.00E+00	-0.26	4.51E-01	8.94E-01
AL358115.1	0.38	8.75E-01	1.00E+00	-1.06	4.51E-01	8.94E-01
POGLUT1	0.22	4.25E-01	1.00E+00	-0.17	4.51E-01	8.94E-01
G16245	-1.32	6.50E-01	1.00E+00	1.37	4.51E-01	8.94E-01
OXCT2P1	-0.64	5.59E-01	1.00E+00	0.73	4.51E-01	8.94E-01
HNRNPUL1	-0.20	3.97E-01	1.00E+00	0.28	4.51E-01	8.94E-01
MT-ND4	0.03	9.49E-01	1.00E+00	-0.28	4.51E-01	8.94E-01
SKIL	-0.01	9.80E-01	1.00E+00	0.22	4.51E-01	8.94E-01
UHRF1	-0.93	1.41E-02	7.46E-01	0.37	4.51E-01	8.94E-01
CDC20P1	0.26	7.38E-01	1.00E+00	-0.41	4.51E-01	8.94E-01
AC009120.1	-0.24	8.71E-01	1.00E+00	0.86	4.51E-01	8.94E-01
AMZ2P1	0.24	4.53E-01	1.00E+00	-0.35	4.51E-01	8.94E-01
ZNF552	0.48	1.03E-01	1.00E+00	0.23	4.51E-01	8.94E-01
ARPC5L	-0.23	4.98E-01	1.00E+00	-0.25	4.51E-01	8.94E-01
AC026356.1	-0.37	7.13E-01	1.00E+00	0.77	4.51E-01	8.94E-01
TPT1P6	-1.52	6.60E-01	1.00E+00	-0.72	4.52E-01	8.94E-01
AL157400.4	-1.19	4.74E-01	1.00E+00	-1.01	4.52E-01	8.94E-01
XLOC_008530	-1.49	1.08E-01	1.00E+00	-0.89	4.52E-01	8.94E-01
TXNRD2	0.02	9.45E-01	1.00E+00	0.31	4.52E-01	8.94E-01
ZWILCH	-0.42	1.25E-01	1.00E+00	0.18	4.52E-01	8.94E-01
TBL2	-0.03	8.89E-01	1.00E+00	-0.18	4.52E-01	8.94E-01
XLOC_009526	-0.59	6.40E-01	1.00E+00	-1.07	4.52E-01	8.95E-01
KIF23	0.22	5.17E-01	1.00E+00	0.33	4.52E-01	8.95E-01
SMG1	-0.08	7.65E-01	1.00E+00	0.32	4.52E-01	8.95E-01
HLA-DRB1	-0.01	9.87E-01	1.00E+00	0.33	4.52E-01	8.95E-01
FAP	0.15	8.34E-01	1.00E+00	1.81	4.52E-01	8.95E-01
MIR600HG	0.01	9.89E-01	1.00E+00	-0.64	4.52E-01	8.95E-01
NEB	-0.57	2.77E-01	1.00E+00	0.49	4.52E-01	8.95E-01

AC138207.1	1.12	5.64E-01	1.00E+00	-0.94	4.52E-01	8.95E-01
G37230	-1.88	6.20E-02	1.00E+00	0.59	4.52E-01	8.95E-01
ZC3H8	0.03	9.34E-01	1.00E+00	-0.22	4.52E-01	8.95E-01
MIER3	0.17	6.55E-01	1.00E+00	0.22	4.52E-01	8.95E-01
KLHDC9	0.25	6.94E-01	1.00E+00	-0.41	4.52E-01	8.95E-01
ZNF649	0.06	8.20E-01	1.00E+00	-0.17	4.53E-01	8.95E-01
TSPAN8	0.73	2.98E-01	1.00E+00	-0.53	4.53E-01	8.95E-01
SRSF11	0.18	3.97E-01	1.00E+00	-0.12	4.53E-01	8.95E-01
PIGBOS1	0.03	9.04E-01	1.00E+00	-0.23	4.53E-01	8.95E-01
AP001636.2	-2.96	7.12E-02	1.00E+00	-0.72	4.53E-01	8.95E-01
FUT7	0.03	9.76E-01	1.00E+00	0.74	4.53E-01	8.95E-01
AC104109.4	-1.08	5.13E-01	1.00E+00	0.65	4.53E-01	8.95E-01
SNCG	0.60	3.01E-01	1.00E+00	-0.35	4.53E-01	8.95E-01
KLHL42	-0.13	4.39E-01	1.00E+00	-0.22	4.53E-01	8.95E-01
AP000704.1	-0.61	8.55E-01	1.00E+00	-0.62	4.53E-01	8.95E-01
AC140479.5	-0.57	6.53E-01	1.00E+00	-0.34	4.53E-01	8.95E-01
XKR4	0.23	6.18E-01	1.00E+00	-0.62	4.53E-01	8.95E-01
SLC22A23	-0.43	2.42E-01	1.00E+00	0.36	4.53E-01	8.95E-01
DNAH2	-1.21	2.59E-01	1.00E+00	-0.72	4.53E-01	8.95E-01
AP003501.3	0.36	7.62E-01	1.00E+00	-0.90	4.53E-01	8.95E-01
MYZAP	1.14	5.77E-02	1.00E+00	-0.34	4.53E-01	8.95E-01
SLC10A6	-0.21	6.74E-01	1.00E+00	0.31	4.53E-01	8.95E-01
PCMTD2	0.09	6.99E-01	1.00E+00	-0.20	4.53E-01	8.95E-01
MMP15	-0.22	4.37E-01	1.00E+00	0.51	4.53E-01	8.95E-01
CCT6B	0.51	1.51E-01	1.00E+00	-0.35	4.53E-01	8.95E-01
AC016597.1	1.52	4.97E-01	1.00E+00	0.93	4.53E-01	8.95E-01
FAM217B	-0.01	9.70E-01	1.00E+00	0.15	4.54E-01	8.95E-01
LIN54	0.01	9.69E-01	1.00E+00	-0.27	4.54E-01	8.95E-01
RNF6	0.00	9.94E-01	1.00E+00	-0.18	4.54E-01	8.95E-01
RPS19P1	-0.58	8.67E-01	1.00E+00	-0.55	4.54E-01	8.95E-01
AC096733.2	0.12	8.26E-01	1.00E+00	0.55	4.54E-01	8.95E-01
SOHLH1	-2.79	5.39E-02	1.00E+00	-1.11	4.54E-01	8.95E-01

RASGRP2	-0.30	5.48E-01	1.00E+00	0.44	4.54E-01	8.95E-01
IGSF10	0.49	2.91E-01	1.00E+00	0.52	4.54E-01	8.95E-01
NUMB	-0.06	7.54E-01	1.00E+00	0.14	4.54E-01	8.95E-01
KLRF2	-0.28	7.81E-01	1.00E+00	-0.56	4.54E-01	8.95E-01
AP001363.1	0.55	5.44E-01	1.00E+00	0.61	4.54E-01	8.95E-01
PPP4R2	0.19	4.98E-01	1.00E+00	-0.33	4.54E-01	8.95E-01
DEGS1	-0.02	9.62E-01	1.00E+00	-0.37	4.54E-01	8.95E-01
CD28	1.27	1.26E-01	1.00E+00	0.72	4.54E-01	8.95E-01
TRPC6	-0.15	6.76E-01	1.00E+00	0.34	4.54E-01	8.95E-01
AP003774.1	-1.14	2.99E-01	1.00E+00	1.16	4.54E-01	8.95E-01
ADCY8	0.73	5.94E-01	1.00E+00	-0.65	4.54E-01	8.95E-01
SLC9A5	-0.80	5.96E-02	1.00E+00	0.47	4.54E-01	8.95E-01
AC009032.1	-1.09	6.50E-01	1.00E+00	-0.79	4.54E-01	8.95E-01
AGAP3	-0.10	7.06E-01	1.00E+00	0.40	4.54E-01	8.95E-01
CHORDC1	-0.20	7.12E-01	1.00E+00	-0.24	4.54E-01	8.95E-01
SFR1	0.34	2.89E-01	1.00E+00	-0.29	4.54E-01	8.95E-01
AC091152.4	-0.87	4.97E-01	1.00E+00	0.96	4.54E-01	8.95E-01
MYO1B	-0.19	3.98E-01	1.00E+00	0.41	4.54E-01	8.95E-01
G31765	1.48	3.51E-02	1.00E+00	-0.72	4.54E-01	8.95E-01
AC095055.1	-0.74	1.91E-01	1.00E+00	-0.47	4.54E-01	8.95E-01
DNAJC15	0.10	6.71E-01	1.00E+00	-0.20	4.54E-01	8.95E-01
EDN1	-0.04	9.06E-01	1.00E+00	-0.36	4.54E-01	8.95E-01
ARSF	-0.86	1.60E-01	1.00E+00	0.56	4.54E-01	8.95E-01
PADI4	-1.17	7.28E-01	1.00E+00	0.76	4.54E-01	8.95E-01
AL121871.1	-0.67	8.47E-01	1.00E+00	-0.61	4.54E-01	8.95E-01
KY	0.15	7.21E-01	1.00E+00	-0.47	4.54E-01	8.95E-01
AC007000.1	-2.52	4.93E-02	1.00E+00	0.61	4.54E-01	8.95E-01
S100A16	-0.17	6.25E-01	1.00E+00	0.21	4.55E-01	8.95E-01
CFH	0.67	1.21E-01	1.00E+00	0.41	4.55E-01	8.95E-01
PSMA2	0.17	6.69E-01	1.00E+00	-0.34	4.55E-01	8.95E-01
MLF1	0.03	9.29E-01	1.00E+00	-0.35	4.55E-01	8.95E-01
FTSJ1	-0.25	3.36E-01	1.00E+00	0.12	4.55E-01	8.95E-01

EIF4G1	-0.31	2.33E-01	1.00E+00	0.36	4.55E-01	8.95E-01
ARCN1	-0.01	9.55E-01	1.00E+00	-0.22	4.55E-01	8.95E-01
SEC22A	0.09	6.94E-01	1.00E+00	-0.19	4.55E-01	8.95E-01
TPSAB1	0.80	2.00E-01	1.00E+00	0.40	4.55E-01	8.95E-01
AC106897.1	0.72	7.87E-01	1.00E+00	-0.54	4.55E-01	8.96E-01
ADAMTS7P3	0.43	7.55E-01	1.00E+00	-0.38	4.55E-01	8.96E-01
RNF4	-0.01	9.52E-01	1.00E+00	0.11	4.55E-01	8.96E-01
RPL22L1	-0.20	4.34E-01	1.00E+00	0.24	4.55E-01	8.96E-01
WDR7	-0.05	7.73E-01	1.00E+00	0.25	4.55E-01	8.96E-01
G43235	0.80	3.36E-01	1.00E+00	0.71	4.56E-01	8.96E-01
MCM8	-0.28	2.74E-01	1.00E+00	0.36	4.56E-01	8.96E-01
AL356740.3	0.02	9.86E-01	1.00E+00	-0.61	4.56E-01	8.96E-01
AC104211.1	-0.90	7.87E-01	1.00E+00	-1.01	4.56E-01	8.96E-01
KIR2DL4	-3.59	2.77E-01	1.00E+00	1.06	4.56E-01	8.96E-01
AL161911.1	-1.92	1.06E-01	1.00E+00	-0.93	4.56E-01	8.96E-01
HOXA-AS3	-0.88	3.55E-01	1.00E+00	-0.45	4.56E-01	8.96E-01
NRDE2	0.04	8.77E-01	1.00E+00	0.28	4.56E-01	8.96E-01
SEPT7P6	-0.06	9.86E-01	1.00E+00	-0.48	4.56E-01	8.96E-01
XLOC_001640	0.45	7.71E-01	1.00E+00	-0.54	4.56E-01	8.96E-01
ZNHIT3	0.46	7.39E-02	1.00E+00	0.15	4.56E-01	8.96E-01
AL590452.1	-0.60	6.99E-01	1.00E+00	0.79	4.56E-01	8.96E-01
INTS6L	0.36	2.45E-01	1.00E+00	0.31	4.56E-01	8.96E-01
KRT18P59	1.52	3.14E-01	1.00E+00	0.99	4.56E-01	8.96E-01
PPP2R2C	-0.06	8.58E-01	1.00E+00	0.51	4.56E-01	8.96E-01
RN7SL336P	2.83	3.71E-02	1.00E+00	0.62	4.56E-01	8.96E-01
PHETA1	-0.07	8.23E-01	1.00E+00	0.47	4.56E-01	8.96E-01
NODAL	-2.84	1.14E-01	1.00E+00	1.02	4.56E-01	8.96E-01
ATXN7L2	-0.01	9.66E-01	1.00E+00	0.34	4.56E-01	8.96E-01
KMT5A	-0.04	8.93E-01	1.00E+00	0.20	4.56E-01	8.96E-01
AL031432.3	0.66	4.49E-01	1.00E+00	0.40	4.56E-01	8.96E-01
WDR83	0.08	8.84E-01	1.00E+00	0.32	4.57E-01	8.96E-01
ZNF598	-0.44	2.02E-01	1.00E+00	0.53	4.57E-01	8.96E-01

ZNF784	-0.14	6.58E-01	1.00E+00	0.59	4.57E-01	8.96E-01
AC008393.1	-0.95	5.55E-02	1.00E+00	-0.51	4.57E-01	8.96E-01
AC006262.1	-0.09	8.94E-01	1.00E+00	0.63	4.57E-01	8.96E-01
AC022211.2	-0.76	1.10E-01	1.00E+00	0.54	4.57E-01	8.96E-01
AL606970.3	-2.95	3.06E-01	1.00E+00	1.28	4.57E-01	8.96E-01
ZNF224	0.41	4.47E-01	1.00E+00	-0.26	4.57E-01	8.96E-01
G26828	0.81	3.79E-01	1.00E+00	0.70	4.57E-01	8.96E-01
CHCHD2P9	-1.77	2.03E-01	1.00E+00	0.54	4.57E-01	8.96E-01
PLPPR1	0.48	6.65E-01	1.00E+00	-0.70	4.57E-01	8.96E-01
TMEM38A	-0.02	9.75E-01	1.00E+00	-0.38	4.57E-01	8.96E-01
RNF207	-0.03	9.62E-01	1.00E+00	0.58	4.57E-01	8.96E-01
RHBDL2	0.26	5.35E-01	1.00E+00	-0.36	4.57E-01	8.96E-01
AC105206.2	-2.36	7.86E-02	1.00E+00	1.03	4.57E-01	8.96E-01
SCO2	-0.17	7.19E-01	1.00E+00	0.23	4.57E-01	8.96E-01
ABCB7	0.10	6.21E-01	1.00E+00	0.17	4.57E-01	8.96E-01
G37568	-1.34	3.52E-01	1.00E+00	0.90	4.57E-01	8.96E-01
CALHM6	-0.86	2.07E-01	1.00E+00	2.33	4.57E-01	8.96E-01
SLC6A1	0.66	4.06E-01	1.00E+00	0.89	4.57E-01	8.96E-01
XLOC_010885	-0.06	9.33E-01	1.00E+00	-0.37	4.57E-01	8.96E-01
AC007485.2	-0.83	2.51E-01	1.00E+00	0.39	4.57E-01	8.96E-01
LINC01320	0.10	9.23E-01	1.00E+00	-0.68	4.57E-01	8.96E-01
CAMKK2	0.04	8.54E-01	1.00E+00	0.23	4.57E-01	8.96E-01
AC010913.1	0.03	9.63E-01	1.00E+00	-0.50	4.57E-01	8.96E-01
BCL7A	-0.11	5.11E-01	1.00E+00	0.22	4.57E-01	8.96E-01
NCLN	-0.22	3.45E-01	1.00E+00	0.40	4.57E-01	8.96E-01
LRAT	0.46	5.67E-01	1.00E+00	2.25	4.57E-01	8.96E-01
PAFAH2	0.24	2.09E-01	1.00E+00	-0.17	4.57E-01	8.96E-01
LINC01852	0.88	1.98E-01	1.00E+00	-0.55	4.57E-01	8.96E-01
THAP7	-0.10	6.40E-01	1.00E+00	0.17	4.57E-01	8.96E-01
TXNP6	2.12	5.34E-01	1.00E+00	-0.51	4.57E-01	8.96E-01
AL136366.1	-1.12	2.11E-01	1.00E+00	-0.76	4.58E-01	8.96E-01
RPS10P7	-0.28	7.43E-01	1.00E+00	0.42	4.58E-01	8.96E-01

POLD1	-0.19	4.00E-01	1.00E+00	0.42	4.58E-01	8.96E-01
AL355472.1	0.32	5.87E-01	1.00E+00	-0.29	4.58E-01	8.96E-01
GBA2	0.20	4.82E-01	1.00E+00	0.28	4.58E-01	8.96E-01
GNPTAB	0.12	6.35E-01	1.00E+00	-0.21	4.58E-01	8.96E-01
GRM1	-0.78	5.80E-01	1.00E+00	1.11	4.58E-01	8.96E-01
MS4A6E	-1.71	6.18E-01	1.00E+00	-1.39	4.58E-01	8.96E-01
LY6G6F-LY6G6D	0.08	9.57E-01	1.00E+00	-0.96	4.58E-01	8.96E-01
SPC25	-0.07	8.66E-01	1.00E+00	0.40	4.58E-01	8.96E-01
BCCIP	0.10	5.67E-01	1.00E+00	-0.20	4.58E-01	8.96E-01
AC115618.3	-0.37	3.06E-01	1.00E+00	0.33	4.58E-01	8.96E-01
MTOR	-0.14	4.86E-01	1.00E+00	0.25	4.58E-01	8.96E-01
KCND1	-0.15	7.67E-01	1.00E+00	0.73	4.58E-01	8.96E-01
FRMPD3	-2.73	1.20E-02	6.78E-01	1.04	4.58E-01	8.96E-01
AC097103.2	-0.83	1.19E-01	1.00E+00	-0.26	4.58E-01	8.96E-01
MGARP	0.00	9.99E-01	1.00E+00	0.60	4.58E-01	8.96E-01
THOC6	-0.24	3.78E-01	1.00E+00	0.15	4.58E-01	8.96E-01
AL645728.1	-0.32	6.02E-01	1.00E+00	0.39	4.58E-01	8.96E-01
MRPL15	-0.02	9.19E-01	1.00E+00	-0.22	4.58E-01	8.96E-01
STS	0.61	4.84E-02	1.00E+00	0.28	4.58E-01	8.96E-01
CASP9	-0.01	9.78E-01	1.00E+00	0.29	4.58E-01	8.96E-01
POP4	-0.09	6.26E-01	1.00E+00	-0.19	4.58E-01	8.96E-01
GNE	0.14	7.82E-01	1.00E+00	0.42	4.58E-01	8.96E-01
TTI2	-0.10	7.21E-01	1.00E+00	-0.19	4.58E-01	8.96E-01
AP003117.1	-0.50	6.89E-01	1.00E+00	0.71	4.58E-01	8.96E-01
RAB11A	0.06	8.51E-01	1.00E+00	-0.19	4.58E-01	8.96E-01
GANC	0.04	8.63E-01	1.00E+00	0.18	4.58E-01	8.96E-01
WAPL	-0.11	6.92E-01	1.00E+00	-0.22	4.59E-01	8.96E-01
LINC00607	-1.60	1.40E-01	1.00E+00	0.89	4.59E-01	8.96E-01
AL512844.1	-0.67	8.48E-01	1.00E+00	-0.53	4.59E-01	8.96E-01
AC109322.1	-0.49	4.48E-01	1.00E+00	-0.35	4.59E-01	8.96E-01
G12085	-2.28	2.10E-01	1.00E+00	0.70	4.59E-01	8.96E-01
FREM2	-1.00	2.18E-01	1.00E+00	-0.66	4.59E-01	8.96E-01

AC009812.3	-0.69	6.37E-01	1.00E+00	-0.82	4.59E-01	8.96E-01
FAM169B	1.09	5.71E-01	1.00E+00	0.76	4.59E-01	8.96E-01
MCFD2	0.22	3.42E-01	1.00E+00	0.17	4.59E-01	8.96E-01
SLC16A6	-0.65	3.69E-01	1.00E+00	0.49	4.59E-01	8.96E-01
AC005972.3	-1.03	1.18E-01	1.00E+00	1.01	4.59E-01	8.96E-01
RNF20	0.17	4.00E-01	1.00E+00	-0.10	4.59E-01	8.96E-01
AL356488.3	-0.51	2.48E-01	1.00E+00	-0.32	4.59E-01	8.96E-01
XLOC_000166	3.41	3.13E-01	1.00E+00	0.97	4.59E-01	8.96E-01
ERP44	-0.19	1.69E-01	1.00E+00	-0.15	4.59E-01	8.96E-01
WHAMMP3	0.37	5.77E-01	1.00E+00	0.56	4.59E-01	8.96E-01
KRT8P26	0.13	8.26E-01	1.00E+00	0.73	4.59E-01	8.96E-01
RING1	-0.35	9.90E-02	1.00E+00	0.45	4.59E-01	8.96E-01
G36840	0.27	7.87E-01	1.00E+00	-0.94	4.59E-01	8.96E-01
Y_RNA	0.26	5.34E-01	1.00E+00	0.16	4.59E-01	8.96E-01
XLOC_005181	0.24	8.06E-01	1.00E+00	0.64	4.59E-01	8.96E-01
LRRC49	0.12	7.11E-01	1.00E+00	-0.24	4.59E-01	8.96E-01
BCL2L13	0.11	5.34E-01	1.00E+00	0.11	4.59E-01	8.96E-01
TTC4	0.37	6.38E-01	1.00E+00	0.43	4.59E-01	8.96E-01
XLOC_013072	-0.37	9.16E-01	1.00E+00	0.68	4.60E-01	8.96E-01
LARP4	-0.16	6.28E-01	1.00E+00	-0.16	4.60E-01	8.96E-01
RAMP3	-0.49	3.63E-01	1.00E+00	0.34	4.60E-01	8.96E-01
AC079760.2	-2.63	1.11E-01	1.00E+00	-0.77	4.60E-01	8.96E-01
KCMF1	0.05	7.62E-01	1.00E+00	-0.32	4.60E-01	8.96E-01
PCDHB3	0.38	3.93E-01	1.00E+00	-0.40	4.60E-01	8.96E-01
CDHR1	0.06	8.72E-01	1.00E+00	-0.54	4.60E-01	8.96E-01
HSPA9	-0.15	2.90E-01	1.00E+00	-0.10	4.60E-01	8.96E-01
CDKAL1	-0.14	5.11E-01	1.00E+00	-0.19	4.60E-01	8.96E-01
FARSB	-0.26	2.20E-01	1.00E+00	-0.18	4.60E-01	8.97E-01
SRGAP3	0.02	9.47E-01	1.00E+00	0.33	4.60E-01	8.97E-01
MIR589	1.30	3.02E-01	1.00E+00	0.83	4.60E-01	8.97E-01
AC105233.5	-0.62	2.06E-01	1.00E+00	-0.48	4.60E-01	8.97E-01
WFS1	-0.10	6.40E-01	1.00E+00	-0.29	4.60E-01	8.97E-01

INTS14	0.22	3.19E-01	1.00E+00	-0.13	4.60E-01	8.97E-01
MFNG	0.38	4.49E-01	1.00E+00	0.42	4.60E-01	8.97E-01
RIOK1	-0.07	7.00E-01	1.00E+00	-0.17	4.60E-01	8.97E-01
CHRNA10	-0.96	4.68E-01	1.00E+00	1.30	4.61E-01	8.97E-01
AMER1	-0.38	1.73E-01	1.00E+00	0.57	4.61E-01	8.97E-01
KIF9	0.03	9.24E-01	1.00E+00	-0.23	4.61E-01	8.97E-01
SCN2B	0.25	7.30E-01	1.00E+00	0.51	4.61E-01	8.97E-01
NPM1P39	0.12	9.12E-01	1.00E+00	-0.36	4.61E-01	8.97E-01
SECISBP2	0.22	2.76E-01	1.00E+00	0.14	4.61E-01	8.97E-01
NOMO3	-0.46	2.42E-01	1.00E+00	-1.91	4.61E-01	8.97E-01
MRM3	-0.11	6.10E-01	1.00E+00	-0.18	4.61E-01	8.97E-01
PAX3	-0.03	9.48E-01	1.00E+00	-0.40	4.61E-01	8.97E-01
MEF2D	-0.19	4.46E-01	1.00E+00	0.44	4.61E-01	8.97E-01
NUDT8	0.03	9.29E-01	1.00E+00	-0.23	4.61E-01	8.97E-01
RNU1-120P	-0.74	7.77E-01	1.00E+00	-0.85	4.61E-01	8.97E-01
MBNL1	0.06	7.72E-01	1.00E+00	-0.10	4.61E-01	8.97E-01
PITPNM3	0.15	6.62E-01	1.00E+00	-0.43	4.61E-01	8.97E-01
BCAN	-1.04	4.77E-02	1.00E+00	-0.50	4.61E-01	8.97E-01
AL139260.1	-0.18	8.16E-01	1.00E+00	-0.48	4.61E-01	8.97E-01
XLOC_007879	1.03	4.91E-01	1.00E+00	-0.85	4.61E-01	8.97E-01
PRODH	-0.01	9.78E-01	1.00E+00	-0.38	4.61E-01	8.97E-01
RANBP2	0.04	8.34E-01	1.00E+00	0.24	4.61E-01	8.97E-01
C1orf131	0.00	9.99E-01	1.00E+00	-0.20	4.61E-01	8.97E-01
ZNF300	0.19	5.04E-01	1.00E+00	-0.41	4.61E-01	8.97E-01
AC026333.4	1.35	6.94E-01	1.00E+00	-1.58	4.61E-01	8.97E-01
RPL10P15	0.30	8.82E-01	1.00E+00	0.47	4.61E-01	8.97E-01
BAALC	0.01	9.80E-01	1.00E+00	-0.41	4.61E-01	8.97E-01
PITPNB	0.10	5.57E-01	1.00E+00	-0.14	4.61E-01	8.97E-01
C22orf31	-0.35	6.79E-01	1.00E+00	0.53	4.62E-01	8.97E-01
CYP51A1-AS1	-1.22	2.55E-01	1.00E+00	0.62	4.62E-01	8.97E-01
SRM	-0.34	1.47E-01	1.00E+00	-0.44	4.62E-01	8.97E-01
ATP5BP1	-0.06	9.86E-01	1.00E+00	-1.06	4.62E-01	8.97E-01

RNVU1-13	-3.75	6.86E-02	1.00E+00	-0.71	4.62E-01	8.97E-01
AC007240.1	-1.96	1.58E-01	1.00E+00	0.80	4.62E-01	8.97E-01
ACVR2A	0.20	4.20E-01	1.00E+00	-0.29	4.62E-01	8.97E-01
SEMA5B	-0.39	4.02E-01	1.00E+00	0.56	4.62E-01	8.97E-01
BX322562.1	0.03	9.62E-01	1.00E+00	-0.57	4.62E-01	8.97E-01
AL356019.2	0.12	8.89E-01	1.00E+00	0.68	4.62E-01	8.97E-01
MOB4	0.02	9.49E-01	1.00E+00	-0.22	4.62E-01	8.97E-01
TRPM4	-0.30	2.66E-01	1.00E+00	-0.36	4.62E-01	8.97E-01
KATNBL1P6	-0.39	9.10E-01	1.00E+00	-0.47	4.62E-01	8.97E-01
CDC42	0.26	7.21E-01	1.00E+00	-0.31	4.62E-01	8.97E-01
TMED6	0.51	5.76E-01	1.00E+00	-0.68	4.62E-01	8.97E-01
LNPK	0.36	8.88E-02	1.00E+00	-0.21	4.62E-01	8.97E-01
AL136531.2	-3.18	1.16E-01	1.00E+00	1.31	4.62E-01	8.97E-01
AC026979.2	-0.03	9.51E-01	1.00E+00	-0.29	4.62E-01	8.97E-01
G3694	-1.83	5.01E-01	1.00E+00	0.83	4.62E-01	8.97E-01
AC139099.2	-1.54	1.39E-01	1.00E+00	0.73	4.62E-01	8.97E-01
AP003068.2	-0.52	2.99E-01	1.00E+00	-0.46	4.62E-01	8.97E-01
CA3-AS1	-0.37	5.10E-01	1.00E+00	-0.49	4.62E-01	8.97E-01
KIAA0408	-1.95	5.71E-01	1.00E+00	-0.76	4.62E-01	8.97E-01
PRR7-AS1	-2.05	1.40E-01	1.00E+00	0.91	4.62E-01	8.97E-01
PABPN1	-0.07	7.58E-01	1.00E+00	0.24	4.62E-01	8.97E-01
RPL26	-0.04	8.93E-01	1.00E+00	-0.44	4.62E-01	8.97E-01
SMYD3	0.01	9.63E-01	1.00E+00	-0.21	4.63E-01	8.97E-01
XLOC_000917	0.17	6.88E-01	1.00E+00	-0.70	4.63E-01	8.97E-01
USP8	0.08	6.17E-01	1.00E+00	0.12	4.63E-01	8.97E-01
RETSAT	0.83	4.15E-02	1.00E+00	-0.34	4.63E-01	8.97E-01
NDUFA8	-0.01	9.68E-01	1.00E+00	-0.16	4.63E-01	8.97E-01
MIR155HG	-0.25	7.57E-01	1.00E+00	0.60	4.63E-01	8.97E-01
FHL1	1.15	4.50E-02	1.00E+00	-0.42	4.63E-01	8.98E-01
XLOC_012064	-0.46	7.81E-01	1.00E+00	-0.92	4.63E-01	8.98E-01
TMEM126A	-0.04	8.34E-01	1.00E+00	-0.21	4.63E-01	8.98E-01
S100A14	-0.05	8.90E-01	1.00E+00	0.47	4.63E-01	8.98E-01

APOL3	-0.02	9.74E-01	1.00E+00	0.52	4.63E-01	8.98E-01
CRYM-AS1	-1.29	2.84E-01	1.00E+00	-0.56	4.63E-01	8.98E-01
AP002807.1	-0.15	9.17E-01	1.00E+00	1.32	4.63E-01	8.98E-01
ZMIZ2	-0.28	2.50E-01	1.00E+00	0.41	4.63E-01	8.98E-01
MC1R	1.81	9.88E-02	1.00E+00	0.77	4.63E-01	8.98E-01
LRRK2	-0.07	8.80E-01	1.00E+00	0.41	4.64E-01	8.98E-01
LYSMD4	-0.22	4.60E-01	1.00E+00	-0.21	4.64E-01	8.98E-01
SCMH1	0.32	4.13E-01	1.00E+00	0.27	4.64E-01	8.98E-01
USP33	0.36	1.66E-01	1.00E+00	-0.20	4.64E-01	8.98E-01
FLJ21408	-0.50	7.16E-01	1.00E+00	0.57	4.64E-01	8.98E-01
G5758	-1.17	3.93E-01	1.00E+00	-1.03	4.64E-01	8.98E-01
GPKOW	-0.10	6.53E-01	1.00E+00	0.09	4.64E-01	8.98E-01
GRB10	0.17	6.86E-01	1.00E+00	0.51	4.64E-01	8.98E-01
CIRBP-AS1	-0.77	4.48E-01	1.00E+00	0.70	4.64E-01	8.98E-01
CTBS	0.05	8.64E-01	1.00E+00	-0.24	4.64E-01	8.98E-01
HTRA1	0.44	2.40E-01	1.00E+00	0.44	4.64E-01	8.98E-01
CDKL5	-0.30	3.38E-01	1.00E+00	0.30	4.64E-01	8.98E-01
AC092045.1	-1.00	7.70E-01	1.00E+00	0.52	4.64E-01	8.98E-01
DMAP1	0.03	8.97E-01	1.00E+00	0.12	4.64E-01	8.98E-01
DDX19B	0.03	8.87E-01	1.00E+00	-0.10	4.64E-01	8.98E-01
CAPN3	0.52	7.45E-01	1.00E+00	0.52	4.64E-01	8.98E-01
RPN1	-0.03	8.14E-01	1.00E+00	0.13	4.64E-01	8.98E-01
HCG15	-1.71	3.22E-01	1.00E+00	-0.81	4.64E-01	8.98E-01
RRAS	0.25	5.42E-01	1.00E+00	-0.41	4.64E-01	8.98E-01
CPS1	0.44	1.70E-01	1.00E+00	0.40	4.64E-01	8.98E-01
ERBB3	0.09	7.89E-01	1.00E+00	-0.36	4.64E-01	8.98E-01
DNAJC3-DT	-0.06	8.78E-01	1.00E+00	-0.25	4.64E-01	8.98E-01
TMEM79	-0.27	5.73E-01	1.00E+00	0.36	4.64E-01	8.98E-01
SNX21	-0.07	8.50E-01	1.00E+00	-0.22	4.64E-01	8.98E-01
GNG10	0.24	8.41E-01	1.00E+00	0.52	4.65E-01	8.98E-01
NPR2	0.65	2.25E-01	1.00E+00	0.47	4.65E-01	8.98E-01
SNRPE	-0.07	6.36E-01	1.00E+00	-0.24	4.65E-01	8.98E-01

TFEC	0.40	6.02E-01	1.00E+00	2.29	4.65E-01	8.98E-01
RWDD2B	-0.03	9.10E-01	1.00E+00	0.17	4.65E-01	8.98E-01
MCAM	0.44	5.23E-01	1.00E+00	0.54	4.65E-01	8.98E-01
ABCC9	0.52	2.98E-01	1.00E+00	0.36	4.65E-01	8.98E-01
NANS	-0.01	9.78E-01	1.00E+00	-0.21	4.65E-01	8.98E-01
HJURP	0.08	8.83E-01	1.00E+00	0.43	4.65E-01	8.98E-01
TET2	-0.48	1.64E-01	1.00E+00	-0.22	4.65E-01	8.98E-01
GSS	-0.27	1.85E-01	1.00E+00	-0.08	4.65E-01	8.98E-01
TRIM50	0.80	4.81E-01	1.00E+00	-1.13	4.65E-01	8.98E-01
ELANE	0.53	5.44E-01	1.00E+00	0.48	4.65E-01	8.98E-01
LMF2	-0.10	7.32E-01	1.00E+00	0.31	4.65E-01	8.98E-01
PAIP2B	0.55	7.72E-02	1.00E+00	-0.33	4.65E-01	8.98E-01
FLRT1	-0.29	6.91E-01	1.00E+00	0.68	4.65E-01	8.98E-01
FGF11	-0.59	1.93E-01	1.00E+00	0.57	4.65E-01	8.98E-01
ARPC2	0.02	9.11E-01	1.00E+00	-0.19	4.65E-01	8.98E-01
ADIPOQ	4.57	1.16E-02	6.66E-01	-0.71	4.65E-01	8.98E-01
CCDC158	1.23	2.34E-01	1.00E+00	-0.61	4.65E-01	8.98E-01
SLC25A22	-0.64	4.19E-02	1.00E+00	-0.48	4.65E-01	8.99E-01
NGRN	-0.17	4.04E-01	1.00E+00	0.21	4.65E-01	8.99E-01
GRM8	0.28	8.59E-01	1.00E+00	1.02	4.65E-01	8.99E-01
RACK1	-0.26	4.26E-01	1.00E+00	0.16	4.66E-01	8.99E-01
ZNF502	0.46	8.39E-02	1.00E+00	-0.22	4.66E-01	8.99E-01
NUP98	-0.04	8.09E-01	1.00E+00	0.24	4.66E-01	8.99E-01
OTOP2	-1.80	1.36E-01	1.00E+00	0.78	4.66E-01	8.99E-01
KMT2E	0.05	8.16E-01	1.00E+00	-0.18	4.66E-01	8.99E-01
SRP14P3	NA	NA	NA	-1.01	4.66E-01	8.99E-01
LINC00957	0.07	9.02E-01	1.00E+00	0.52	4.66E-01	8.99E-01
CPNE1	-0.04	8.94E-01	1.00E+00	0.19	4.66E-01	8.99E-01
RNU6-574P	0.00	9.99E-01	1.00E+00	0.60	4.66E-01	8.99E-01
AC139795.2	-0.14	7.68E-01	1.00E+00	0.41	4.66E-01	8.99E-01
COL11A2	-0.52	5.49E-01	1.00E+00	0.78	4.66E-01	8.99E-01
AC139769.1	0.07	8.40E-01	1.00E+00	-0.37	4.66E-01	8.99E-01

PDHB	0.09	6.49E-01	1.00E+00	-0.23	4.66E-01	8.99E-01
ATP1B3P1	NA	NA	NA	-0.57	4.66E-01	8.99E-01
WASF3	0.52	2.75E-01	1.00E+00	-0.33	4.66E-01	8.99E-01
ALX1	-0.02	9.79E-01	1.00E+00	-0.54	4.66E-01	8.99E-01
PITPNM2	-0.15	4.97E-01	1.00E+00	0.52	4.66E-01	8.99E-01
TCAF2	-0.27	4.12E-01	1.00E+00	0.33	4.67E-01	8.99E-01
AC034198.2	0.92	2.32E-01	1.00E+00	-1.01	4.67E-01	8.99E-01
FGFBP1	0.13	8.26E-01	1.00E+00	0.49	4.67E-01	8.99E-01
ZNF253	0.29	4.61E-01	1.00E+00	-0.22	4.67E-01	8.99E-01
TMEM106C	0.24	2.23E-01	1.00E+00	-0.22	4.67E-01	8.99E-01
MESD	0.15	4.85E-01	1.00E+00	0.14	4.67E-01	8.99E-01
PCDH11X	-1.70	4.84E-02	1.00E+00	0.54	4.67E-01	8.99E-01
XLOC_008618	0.72	2.85E-01	1.00E+00	0.67	4.67E-01	8.99E-01
LINC01118	0.81	5.45E-01	1.00E+00	0.83	4.67E-01	8.99E-01
G30960	-0.19	8.98E-01	1.00E+00	-0.57	4.67E-01	8.99E-01
AC018690.1	0.04	9.55E-01	1.00E+00	-0.78	4.67E-01	8.99E-01
G4403	0.05	9.08E-01	1.00E+00	-0.72	4.67E-01	8.99E-01
AC124916.1	NA	NA	NA	0.71	4.67E-01	8.99E-01
PIGCP1	-0.32	4.29E-01	1.00E+00	0.42	4.67E-01	8.99E-01
XLOC_002461	-1.11	2.34E-01	1.00E+00	-0.87	4.67E-01	8.99E-01
SEC63P1	-0.16	9.50E-01	1.00E+00	0.45	4.67E-01	8.99E-01
AGGF1P2	1.53	4.28E-01	1.00E+00	-1.98	4.67E-01	8.99E-01
C19orf71	-0.38	4.95E-01	1.00E+00	0.80	4.67E-01	8.99E-01
TPD52L2	0.03	8.48E-01	1.00E+00	0.14	4.67E-01	8.99E-01
SPRR2A	-1.94	5.99E-02	1.00E+00	2.27	4.67E-01	8.99E-01
AL024508.2	-0.78	5.61E-01	1.00E+00	0.52	4.67E-01	8.99E-01
FAM153C	-0.38	8.08E-01	1.00E+00	-0.63	4.67E-01	8.99E-01
AC009054.2	-0.62	8.29E-01	1.00E+00	-0.46	4.67E-01	8.99E-01
AC010422.6	-0.06	9.14E-01	1.00E+00	0.50	4.67E-01	8.99E-01
AL353586.1	-1.01	5.04E-01	1.00E+00	-0.76	4.67E-01	8.99E-01
CFAP36	-0.09	7.36E-01	1.00E+00	-0.14	4.67E-01	8.99E-01
GADD45GIP1	-0.11	6.26E-01	1.00E+00	-0.32	4.68E-01	8.99E-01

G34070	0.02	9.89E-01	1.00E+00	-1.02	4.68E-01	8.99E-01
ADPRHL2	-0.24	3.25E-01	1.00E+00	0.14	4.68E-01	8.99E-01
MPL	1.02	2.62E-01	1.00E+00	0.76	4.68E-01	8.99E-01
C3orf80	1.38	1.31E-01	1.00E+00	0.72	4.68E-01	8.99E-01
HOXB-AS1	0.11	9.24E-01	1.00E+00	-0.46	4.68E-01	8.99E-01
C20orf27	-0.32	1.71E-01	1.00E+00	-0.18	4.68E-01	8.99E-01
TECR	-0.19	4.75E-01	1.00E+00	-0.23	4.68E-01	8.99E-01
HRCT1	0.69	3.41E-01	1.00E+00	-0.45	4.68E-01	8.99E-01
MED26	-0.28	1.38E-01	1.00E+00	-0.37	4.68E-01	8.99E-01
DPY19L1P1	-0.22	6.17E-01	1.00E+00	0.37	4.68E-01	8.99E-01
SGO1-AS1	0.16	9.09E-01	1.00E+00	0.75	4.68E-01	8.99E-01
HRAT92	-2.17	2.55E-01	1.00E+00	-1.17	4.68E-01	8.99E-01
TMEM163	1.51	2.23E-01	1.00E+00	0.80	4.68E-01	8.99E-01
PRB4	-0.14	9.16E-01	1.00E+00	-0.96	4.68E-01	9.00E-01
RPL21P93	-0.22	9.02E-01	1.00E+00	-0.44	4.68E-01	9.00E-01
CLN8	0.23	5.56E-01	1.00E+00	0.18	4.68E-01	9.00E-01
PLCG2	-0.15	6.54E-01	1.00E+00	-0.32	4.68E-01	9.00E-01
RPP30	0.13	4.15E-01	1.00E+00	-0.19	4.68E-01	9.00E-01
G32150	-0.17	9.07E-01	1.00E+00	0.98	4.68E-01	9.00E-01
TRPA1	-0.41	8.20E-01	1.00E+00	0.89	4.68E-01	9.00E-01
EEF1A1P13	0.19	6.36E-01	1.00E+00	-0.30	4.68E-01	9.00E-01
GATAD2B	-0.10	6.85E-01	1.00E+00	0.20	4.68E-01	9.00E-01
CBWD4P	-0.44	8.26E-01	1.00E+00	-0.71	4.68E-01	9.00E-01
GNPTG	-0.01	9.77E-01	1.00E+00	0.13	4.69E-01	9.00E-01
PLEKHA7	-0.02	9.40E-01	1.00E+00	0.36	4.69E-01	9.00E-01
G11194	0.14	8.57E-01	1.00E+00	-0.83	4.69E-01	9.00E-01
CD300E	-0.12	8.46E-01	1.00E+00	2.27	4.69E-01	9.00E-01
ZNF862	-0.09	7.03E-01	1.00E+00	0.21	4.69E-01	9.00E-01
LINC02587	1.60	2.27E-01	1.00E+00	-0.58	4.69E-01	9.00E-01
TNFRSF18	-0.68	6.62E-02	1.00E+00	-0.37	4.69E-01	9.00E-01
AC010342.1	2.05	4.12E-01	1.00E+00	-0.45	4.69E-01	9.00E-01
CYP2U1	0.48	2.54E-01	1.00E+00	-0.38	4.69E-01	9.00E-01

PITRM1-AS1	-1.72	2.18E-01	1.00E+00	-0.79	4.69E-01	9.00E-01
DRD2	0.03	9.66E-01	1.00E+00	-0.97	4.69E-01	9.00E-01
AL513320.1	-2.47	1.98E-01	1.00E+00	1.13	4.69E-01	9.00E-01
OR2W3	1.17	2.82E-01	1.00E+00	-0.76	4.69E-01	9.00E-01
TTYH2	-0.26	3.73E-01	1.00E+00	0.41	4.69E-01	9.00E-01
AC012498.2	-4.37	4.53E-02	1.00E+00	0.77	4.69E-01	9.00E-01
AC022167.2	0.26	8.18E-01	1.00E+00	0.64	4.69E-01	9.00E-01
SLC22A1	0.70	5.40E-01	1.00E+00	1.01	4.69E-01	9.00E-01
LINC02328	-1.01	3.40E-01	1.00E+00	0.83	4.69E-01	9.00E-01
MED20	0.10	7.20E-01	1.00E+00	-0.21	4.69E-01	9.00E-01
FGF16	2.35	1.82E-01	1.00E+00	1.00	4.69E-01	9.00E-01
DDR GK1	0.00	9.96E-01	1.00E+00	0.29	4.69E-01	9.00E-01
VIRMA	0.18	2.34E-01	1.00E+00	0.12	4.70E-01	9.00E-01
WDR47	0.01	9.74E-01	1.00E+00	-0.25	4.70E-01	9.00E-01
C5orf15	0.18	3.61E-01	1.00E+00	-0.17	4.70E-01	9.00E-01
FTH1P23	-0.05	9.89E-01	1.00E+00	-0.43	4.70E-01	9.00E-01
AC018645.2	-0.05	8.97E-01	1.00E+00	0.37	4.70E-01	9.00E-01
ZWINT	-0.31	2.95E-01	1.00E+00	0.26	4.70E-01	9.00E-01
ANKS3	0.07	8.57E-01	1.00E+00	0.40	4.70E-01	9.00E-01
AC026124.1	-1.95	4.67E-01	1.00E+00	-1.20	4.70E-01	9.00E-01
AC010967.1	0.78	8.19E-01	1.00E+00	0.98	4.70E-01	9.00E-01
LINC00211	-0.06	9.63E-01	1.00E+00	0.87	4.70E-01	9.00E-01
ADAM19	0.11	8.53E-01	1.00E+00	2.25	4.70E-01	9.00E-01
LHFPL4	-4.14	3.63E-05	9.90E-03	-0.82	4.70E-01	9.00E-01
SERHL	0.78	2.80E-01	1.00E+00	0.68	4.70E-01	9.00E-01
TRIM26	-0.33	1.78E-01	1.00E+00	0.31	4.70E-01	9.00E-01
AC091946.1	-4.71	6.17E-04	1.17E-01	0.64	4.70E-01	9.00E-01
BTRC	0.09	6.44E-01	1.00E+00	0.16	4.70E-01	9.00E-01
ENSA	0.03	9.12E-01	1.00E+00	0.12	4.70E-01	9.00E-01
MRTO4	-0.26	3.13E-01	1.00E+00	0.15	4.70E-01	9.00E-01
FAM49A	-0.01	9.86E-01	1.00E+00	0.37	4.70E-01	9.00E-01
COPS3	0.14	3.68E-01	1.00E+00	-0.13	4.70E-01	9.00E-01

KCTD1	-0.29	2.79E-01	1.00E+00	-0.31	4.70E-01	9.00E-01
LIG4	-0.23	4.92E-01	1.00E+00	-0.18	4.70E-01	9.00E-01
SNU13	0.04	8.17E-01	1.00E+00	-0.15	4.70E-01	9.00E-01
BTD	0.46	2.36E-01	1.00E+00	-0.26	4.70E-01	9.00E-01
SCLY	-0.13	9.19E-01	1.00E+00	-0.37	4.71E-01	9.00E-01
AMY2B	-0.28	6.31E-01	1.00E+00	-0.56	4.71E-01	9.00E-01
SMC4	0.26	3.79E-01	1.00E+00	-0.16	4.71E-01	9.00E-01
AL121672.1	-3.08	1.88E-02	8.62E-01	-0.59	4.71E-01	9.00E-01
AL163051.1	0.40	5.80E-01	1.00E+00	-0.41	4.71E-01	9.00E-01
ANGEL2	0.38	2.49E-01	1.00E+00	-0.16	4.71E-01	9.00E-01
TDRKH-AS1	-1.92	5.74E-01	1.00E+00	-0.68	4.71E-01	9.00E-01
FBH1	-0.11	5.59E-01	1.00E+00	-0.37	4.71E-01	9.00E-01
DND1P1	-1.64	5.84E-02	1.00E+00	0.40	4.71E-01	9.00E-01
SMIM31	0.89	6.18E-01	1.00E+00	-1.38	4.71E-01	9.00E-01
NHLRC3	0.64	1.11E-01	1.00E+00	0.26	4.71E-01	9.00E-01
LONRF2	-0.11	8.50E-01	1.00E+00	-0.55	4.71E-01	9.00E-01
ZNF594	-0.17	7.02E-01	1.00E+00	0.48	4.71E-01	9.00E-01
ZNF706	-0.01	9.63E-01	1.00E+00	-0.31	4.71E-01	9.00E-01
AL031320.2	0.38	7.65E-01	1.00E+00	0.41	4.71E-01	9.00E-01
AC020898.1	0.71	6.93E-01	1.00E+00	-0.41	4.71E-01	9.00E-01
INTS8	0.16	4.63E-01	1.00E+00	-0.26	4.71E-01	9.00E-01
AF250324.1	-0.74	6.92E-01	1.00E+00	1.17	4.71E-01	9.00E-01
AL359091.4	-0.99	3.35E-01	1.00E+00	0.80	4.71E-01	9.00E-01
6-Mar	0.20	2.97E-01	1.00E+00	-0.24	4.71E-01	9.00E-01
NUBPL	-0.10	6.82E-01	1.00E+00	-0.27	4.71E-01	9.00E-01
TENT4A	0.11	7.07E-01	1.00E+00	0.34	4.71E-01	9.00E-01
SOX10	-0.18	7.27E-01	1.00E+00	0.45	4.71E-01	9.00E-01
CYTL1	1.32	4.34E-02	1.00E+00	0.44	4.71E-01	9.00E-01
CNTN2	-0.30	5.44E-01	1.00E+00	-1.62	4.71E-01	9.00E-01
AC060780.1	-0.21	5.55E-01	1.00E+00	-0.24	4.72E-01	9.00E-01
SLC10A5	1.25	1.44E-01	1.00E+00	-0.85	4.72E-01	9.00E-01
AC010978.1	-3.61	8.51E-02	1.00E+00	0.77	4.72E-01	9.00E-01

UGGT1	0.08	7.15E-01	1.00E+00	0.25	4.72E-01	9.00E-01
AC115837.1	0.38	7.66E-01	1.00E+00	0.38	4.72E-01	9.00E-01
SCARF1	0.21	6.00E-01	1.00E+00	0.56	4.72E-01	9.00E-01
ATP6V1A	0.03	8.94E-01	1.00E+00	-0.15	4.72E-01	9.00E-01
TEAD4	0.02	9.50E-01	1.00E+00	0.25	4.72E-01	9.00E-01
ERP29	0.00	9.86E-01	1.00E+00	0.12	4.72E-01	9.00E-01
PROCR	0.39	3.26E-01	1.00E+00	0.25	4.72E-01	9.00E-01
MAGEA11	-0.12	9.73E-01	1.00E+00	-1.77	4.72E-01	9.00E-01
CACNA2D4	0.09	7.85E-01	1.00E+00	0.42	4.72E-01	9.00E-01
CAPNS1	0.03	9.46E-01	1.00E+00	0.39	4.72E-01	9.00E-01
AL109976.1	-0.79	1.24E-01	1.00E+00	0.46	4.72E-01	9.00E-01
LINC01480	NA	NA	NA	0.87	4.72E-01	9.00E-01
STX18	0.14	3.74E-01	1.00E+00	0.13	4.72E-01	9.00E-01
PCSK5	0.59	1.25E-01	1.00E+00	0.39	4.72E-01	9.00E-01
IFT22	-0.20	4.63E-01	1.00E+00	-0.16	4.72E-01	9.00E-01
LINC01550	-0.12	7.17E-01	1.00E+00	-0.38	4.72E-01	9.00E-01
TMTC3	-0.28	4.15E-01	1.00E+00	-0.30	4.72E-01	9.00E-01
LIN7A	0.26	5.58E-01	1.00E+00	0.53	4.72E-01	9.00E-01
IGHD	2.48	4.89E-02	1.00E+00	2.27	4.72E-01	9.00E-01
MED13L	-0.15	4.81E-01	1.00E+00	0.25	4.72E-01	9.00E-01
AP005230.1	-0.56	8.73E-01	1.00E+00	1.34	4.72E-01	9.00E-01
AK9	0.04	8.67E-01	1.00E+00	-0.25	4.72E-01	9.00E-01
G21027	0.15	8.91E-01	1.00E+00	0.61	4.73E-01	9.00E-01
MTX2	0.11	6.03E-01	1.00E+00	-0.18	4.73E-01	9.00E-01
MYMX	2.04	4.19E-02	1.00E+00	-0.63	4.73E-01	9.00E-01
TUBGCP3	0.21	3.50E-01	1.00E+00	0.24	4.73E-01	9.00E-01
AL513343.1	0.44	7.59E-01	1.00E+00	0.95	4.73E-01	9.00E-01
GBF1	-0.29	8.66E-02	1.00E+00	0.29	4.73E-01	9.00E-01
LSM4	-0.12	4.86E-01	1.00E+00	-0.16	4.73E-01	9.00E-01
ENTPD6	0.11	8.12E-01	1.00E+00	0.33	4.73E-01	9.00E-01
C5orf66	-0.57	7.80E-01	1.00E+00	0.56	4.73E-01	9.00E-01
UCHL3	-0.64	4.83E-01	1.00E+00	-0.54	4.73E-01	9.00E-01

LGMNP1	NA	NA	NA	0.65	4.73E-01	9.00E-01
CHAC1	-0.71	3.37E-01	1.00E+00	0.50	4.73E-01	9.00E-01
HGS	-0.32	1.60E-01	1.00E+00	0.21	4.73E-01	9.00E-01
YWHAZP3	-0.46	6.37E-01	1.00E+00	-0.33	4.73E-01	9.00E-01
TMEM53	0.28	3.97E-01	1.00E+00	-0.19	4.73E-01	9.00E-01
SETDB1	-0.24	4.09E-01	1.00E+00	0.23	4.73E-01	9.00E-01
PLCH2	-0.70	1.22E-01	1.00E+00	-0.58	4.73E-01	9.00E-01
AC012640.4	-0.51	8.61E-01	1.00E+00	1.25	4.73E-01	9.00E-01
PXN-AS1	-0.53	3.42E-01	1.00E+00	-0.42	4.73E-01	9.00E-01
TUBGCP5	-0.02	9.32E-01	1.00E+00	-0.15	4.73E-01	9.00E-01
AC005005.3	1.90	5.75E-01	1.00E+00	-0.86	4.73E-01	9.00E-01
ROPN1L	-1.21	3.33E-01	1.00E+00	-0.62	4.73E-01	9.00E-01
DPH5	-0.15	6.42E-01	1.00E+00	-0.19	4.73E-01	9.00E-01
TMEM184A	-0.36	4.65E-01	1.00E+00	0.59	4.73E-01	9.00E-01
XLOC_013940	-1.75	6.03E-01	1.00E+00	-0.88	4.73E-01	9.00E-01
UST	0.43	6.38E-02	1.00E+00	-0.23	4.73E-01	9.00E-01
LMNTD2	-0.35	4.51E-01	1.00E+00	-0.79	4.73E-01	9.00E-01
ERVK13-1	-0.23	5.41E-01	1.00E+00	0.27	4.74E-01	9.00E-01
TMEM63B	-0.11	7.37E-01	1.00E+00	0.36	4.74E-01	9.00E-01
VEZT	0.09	6.96E-01	1.00E+00	0.12	4.74E-01	9.00E-01
TUBA4A	-0.07	8.64E-01	1.00E+00	0.30	4.74E-01	9.00E-01
HNRNPC	-0.06	7.37E-01	1.00E+00	0.06	4.74E-01	9.00E-01
SERP1	0.28	1.38E-01	1.00E+00	-0.16	4.74E-01	9.00E-01
LRRC77P	2.45	6.93E-02	1.00E+00	-1.14	4.74E-01	9.00E-01
PGD	0.02	9.37E-01	1.00E+00	0.26	4.74E-01	9.00E-01
PDCL	0.16	4.20E-01	1.00E+00	-0.13	4.74E-01	9.00E-01
ERGIC2	0.02	9.52E-01	1.00E+00	-0.26	4.74E-01	9.00E-01
SLC35A3	0.53	1.69E-01	1.00E+00	-0.20	4.74E-01	9.00E-01
BRCA2	-0.29	5.40E-01	1.00E+00	0.27	4.74E-01	9.00E-01
AC048341.1	0.27	5.67E-01	1.00E+00	0.51	4.74E-01	9.00E-01
AC096667.1	-1.58	5.99E-01	1.00E+00	1.20	4.74E-01	9.01E-01
SPARC	0.16	8.07E-01	1.00E+00	0.37	4.74E-01	9.01E-01

EPHA6	0.60	4.28E-01	1.00E+00	0.81	4.74E-01	9.01E-01
FAM209A	0.24	9.45E-01	1.00E+00	1.16	4.74E-01	9.01E-01
HRAS	-0.37	2.46E-01	1.00E+00	-0.28	4.74E-01	9.01E-01
SLC6A13	-0.76	6.12E-01	1.00E+00	0.78	4.74E-01	9.01E-01
IL36RN	0.16	8.18E-01	1.00E+00	0.57	4.74E-01	9.01E-01
FBXL13	-0.20	7.75E-01	1.00E+00	0.41	4.74E-01	9.01E-01
AC121761.1	-0.42	3.37E-01	1.00E+00	0.47	4.74E-01	9.01E-01
FUT8	0.13	7.11E-01	1.00E+00	0.19	4.74E-01	9.01E-01
SLC2A8	-0.04	8.95E-01	1.00E+00	-0.24	4.74E-01	9.01E-01
TMPRSS12	0.49	7.08E-01	1.00E+00	0.62	4.74E-01	9.01E-01
SELE	-2.35	6.35E-02	1.00E+00	2.24	4.74E-01	9.01E-01
HNRNPA1P7	0.94	7.83E-01	1.00E+00	-0.50	4.74E-01	9.01E-01
C11orf21	0.02	9.85E-01	1.00E+00	0.76	4.74E-01	9.01E-01
ABCC12	-4.09	1.15E-01	1.00E+00	-1.25	4.75E-01	9.01E-01
ZFAND6	0.34	1.06E-01	1.00E+00	-0.22	4.75E-01	9.01E-01
SPRR2D	-0.79	3.43E-01	1.00E+00	2.24	4.75E-01	9.01E-01
USP9X	0.15	3.92E-01	1.00E+00	0.21	4.75E-01	9.01E-01
LINC01634	-3.07	1.15E-01	1.00E+00	1.04	4.75E-01	9.01E-01
ARHGAP5-AS1	0.38	3.16E-01	1.00E+00	-0.33	4.75E-01	9.01E-01
TCHH	-7.27	1.31E-06	4.82E-04	-0.79	4.75E-01	9.01E-01
AL590764.1	0.79	5.43E-01	1.00E+00	0.82	4.75E-01	9.01E-01
KRT12	0.61	5.91E-01	1.00E+00	0.81	4.75E-01	9.01E-01
SETD5	0.00	9.84E-01	1.00E+00	0.27	4.75E-01	9.01E-01
STARD13	0.34	3.87E-01	1.00E+00	0.38	4.75E-01	9.01E-01
AC009120.2	-2.67	8.98E-02	1.00E+00	-0.42	4.75E-01	9.01E-01
AC018629.1	-0.76	9.07E-02	1.00E+00	0.47	4.75E-01	9.01E-01
ST6GAL1	0.42	3.91E-01	1.00E+00	0.31	4.75E-01	9.01E-01
ITPKC	-0.52	2.30E-01	1.00E+00	-0.38	4.75E-01	9.01E-01
FGFBP2	1.02	1.45E-01	1.00E+00	-0.32	4.75E-01	9.01E-01
ZBTB41	0.09	8.20E-01	1.00E+00	-0.24	4.75E-01	9.01E-01
TECTA	1.14	1.15E-01	1.00E+00	0.88	4.75E-01	9.01E-01
CLEC4E	-1.38	3.51E-02	1.00E+00	2.24	4.75E-01	9.01E-01

ARID3B	-0.73	5.66E-02	1.00E+00	0.54	4.75E-01	9.01E-01
GSN	0.53	1.60E-01	1.00E+00	-0.30	4.75E-01	9.01E-01
IGHV3-30	3.60	1.52E-02	7.65E-01	2.25	4.75E-01	9.01E-01
DEFB132	4.35	4.53E-02	1.00E+00	-2.26	4.75E-01	9.01E-01
NIP7	-0.03	8.95E-01	1.00E+00	0.12	4.75E-01	9.01E-01
CEP85	-0.31	3.81E-01	1.00E+00	-0.16	4.75E-01	9.01E-01
G14802	0.32	8.26E-01	1.00E+00	0.95	4.76E-01	9.01E-01
SERAC1	0.24	4.77E-01	1.00E+00	-0.16	4.76E-01	9.01E-01
GOLPH3L	0.42	1.10E-01	1.00E+00	-0.18	4.76E-01	9.01E-01
NPIP15	-0.29	6.69E-01	1.00E+00	0.52	4.76E-01	9.01E-01
AC093752.1	-0.50	1.68E-01	1.00E+00	-0.24	4.76E-01	9.01E-01
AC139530.1	-0.51	2.68E-01	1.00E+00	-0.36	4.76E-01	9.01E-01
RBM28	0.11	6.91E-01	1.00E+00	0.22	4.76E-01	9.01E-01
RBM45	-0.21	4.12E-01	1.00E+00	0.18	4.76E-01	9.01E-01
SNRPG	-0.09	6.37E-01	1.00E+00	-0.28	4.76E-01	9.01E-01
C21orf58	-0.14	7.55E-01	1.00E+00	0.37	4.76E-01	9.01E-01
AC010894.3	0.18	9.56E-01	1.00E+00	0.98	4.76E-01	9.01E-01
CADPS	-0.72	3.52E-01	1.00E+00	0.62	4.76E-01	9.01E-01
LINC01010	-1.01	3.38E-01	1.00E+00	0.73	4.76E-01	9.01E-01
SMC1A	-0.03	8.70E-01	1.00E+00	0.22	4.76E-01	9.01E-01
CARD11	-0.52	4.37E-01	1.00E+00	2.24	4.76E-01	9.01E-01
AL353796.1	0.43	5.46E-01	1.00E+00	-0.62	4.76E-01	9.01E-01
CALHM5	0.80	2.05E-01	1.00E+00	-0.44	4.76E-01	9.01E-01
RSRC2	0.08	7.39E-01	1.00E+00	-0.13	4.76E-01	9.01E-01
AL133338.1	-0.24	5.50E-01	1.00E+00	-0.40	4.76E-01	9.01E-01
NBN	0.14	5.74E-01	1.00E+00	-0.13	4.76E-01	9.01E-01
RAD21	0.11	6.21E-01	1.00E+00	0.12	4.76E-01	9.01E-01
RPGRIP1	-1.28	1.28E-01	1.00E+00	0.41	4.76E-01	9.01E-01
KRT33A	-2.51	4.52E-01	1.00E+00	1.14	4.76E-01	9.01E-01
EIF1	-0.11	5.45E-01	1.00E+00	-0.15	4.76E-01	9.01E-01
ENTPD3-AS1	0.59	1.47E-01	1.00E+00	-0.36	4.76E-01	9.01E-01
ZNF630	0.10	8.37E-01	1.00E+00	-0.32	4.76E-01	9.01E-01

SNIP1	0.09	6.03E-01	1.00E+00	0.28	4.76E-01	9.01E-01
AC068587.4	-1.04	4.26E-02	1.00E+00	-0.33	4.76E-01	9.01E-01
TPBG	-0.29	3.26E-01	1.00E+00	0.37	4.77E-01	9.01E-01
AL445305.1	0.88	7.98E-01	1.00E+00	-0.47	4.77E-01	9.01E-01
BTN2A1	0.08	8.14E-01	1.00E+00	0.31	4.77E-01	9.01E-01
YKT6	0.01	9.58E-01	1.00E+00	0.27	4.77E-01	9.01E-01
CPVL	-0.74	6.45E-02	1.00E+00	0.21	4.77E-01	9.01E-01
AP000676.5	-2.55	7.64E-02	1.00E+00	0.61	4.77E-01	9.01E-01
FAM149A	0.46	4.16E-01	1.00E+00	-0.54	4.77E-01	9.01E-01
ELAVL1	-0.02	8.84E-01	1.00E+00	-0.31	4.77E-01	9.01E-01
HCG23	-0.33	5.85E-01	1.00E+00	0.39	4.77E-01	9.01E-01
SEMA3D	0.61	1.41E-01	1.00E+00	-0.36	4.77E-01	9.01E-01
TFCP2	0.07	6.52E-01	1.00E+00	0.25	4.77E-01	9.01E-01
ARRDC2	0.15	6.35E-01	1.00E+00	0.48	4.77E-01	9.01E-01
MTUS2	-0.52	5.73E-01	1.00E+00	-0.65	4.77E-01	9.01E-01
AC092111.1	-0.75	3.67E-01	1.00E+00	0.77	4.77E-01	9.01E-01
MBD5	-0.39	6.74E-02	1.00E+00	0.12	4.77E-01	9.01E-01
KCNJ13	0.42	6.57E-01	1.00E+00	-0.55	4.77E-01	9.01E-01
LINC01273	-0.07	9.66E-01	1.00E+00	-0.92	4.77E-01	9.01E-01
MAP3K3	0.09	6.65E-01	1.00E+00	0.37	4.77E-01	9.01E-01
ATF1	0.34	1.77E-01	1.00E+00	-0.16	4.77E-01	9.01E-01
TMEM99	-0.04	9.42E-01	1.00E+00	-0.37	4.77E-01	9.01E-01
ZFP69B	-0.98	1.99E-02	8.80E-01	0.38	4.77E-01	9.01E-01
SIT1	-0.19	7.29E-01	1.00E+00	0.58	4.77E-01	9.01E-01
AL354702.1	-1.48	2.32E-01	1.00E+00	-0.34	4.78E-01	9.01E-01
AC145138.1	0.59	6.09E-01	1.00E+00	0.58	4.78E-01	9.01E-01
ZC3H13	-0.02	9.25E-01	1.00E+00	0.13	4.78E-01	9.01E-01
U2AF1L4	-0.33	7.47E-01	1.00E+00	0.30	4.78E-01	9.01E-01
MIR503HG	-2.01	5.50E-01	1.00E+00	1.15	4.78E-01	9.01E-01
AL691432.1	0.93	5.05E-01	1.00E+00	0.88	4.78E-01	9.01E-01
AC104825.1	0.37	3.56E-01	1.00E+00	-0.31	4.78E-01	9.01E-01
SHCBP1	0.05	8.94E-01	1.00E+00	0.35	4.78E-01	9.01E-01

NTF3	0.06	8.91E-01	1.00E+00	-0.24	4.78E-01	9.01E-01
PPP1R12A	0.14	5.44E-01	1.00E+00	-0.15	4.78E-01	9.01E-01
G26815	-0.99	4.65E-01	1.00E+00	1.01	4.78E-01	9.01E-01
NDRG3	-0.14	5.56E-01	1.00E+00	-0.22	4.78E-01	9.01E-01
AL136298.3	-0.31	9.01E-01	1.00E+00	-0.40	4.78E-01	9.01E-01
MCM7	-0.09	5.80E-01	1.00E+00	0.20	4.78E-01	9.01E-01
ETFB	0.26	5.23E-01	1.00E+00	-0.32	4.78E-01	9.01E-01
STX11	-0.11	8.12E-01	1.00E+00	0.32	4.78E-01	9.01E-01
ROCK1	-0.01	9.70E-01	1.00E+00	0.17	4.78E-01	9.01E-01
CCNY	0.21	1.92E-01	1.00E+00	-0.26	4.78E-01	9.01E-01
ELN	-0.06	9.25E-01	1.00E+00	0.48	4.78E-01	9.01E-01
AC119396.2	-1.94	4.01E-01	1.00E+00	0.67	4.78E-01	9.01E-01
RNU5F-1	2.23	5.07E-01	1.00E+00	-0.75	4.78E-01	9.01E-01
DGCR9	-1.58	1.98E-01	1.00E+00	0.96	4.78E-01	9.01E-01
SLC35E1	0.08	6.53E-01	1.00E+00	0.18	4.78E-01	9.01E-01
G11854	2.01	2.67E-01	1.00E+00	-0.75	4.79E-01	9.01E-01
RIMKLA	-0.14	8.56E-01	1.00E+00	-0.68	4.79E-01	9.01E-01
KIF21A	0.32	3.17E-01	1.00E+00	-0.23	4.79E-01	9.01E-01
OXCT1	0.02	9.41E-01	1.00E+00	-0.13	4.79E-01	9.01E-01
EMBP1	-0.02	9.85E-01	1.00E+00	0.31	4.79E-01	9.01E-01
AC025287.2	1.84	2.14E-01	1.00E+00	0.62	4.79E-01	9.01E-01
MYH3	-1.37	1.99E-02	8.80E-01	-0.44	4.79E-01	9.01E-01
C12orf43	-0.02	9.28E-01	1.00E+00	0.24	4.79E-01	9.01E-01
MIR222HG	-0.48	7.59E-01	1.00E+00	0.57	4.79E-01	9.01E-01
XLOC_004197	-3.39	1.23E-01	1.00E+00	1.28	4.79E-01	9.01E-01
SUSD5	-0.03	9.45E-01	1.00E+00	-0.49	4.79E-01	9.01E-01
PSMA7	0.20	2.59E-01	1.00E+00	-0.15	4.79E-01	9.01E-01
SDHA	0.06	8.19E-01	1.00E+00	-0.13	4.79E-01	9.01E-01
G38115	-0.01	9.91E-01	1.00E+00	0.46	4.79E-01	9.01E-01
OLMALINC	0.15	7.76E-01	1.00E+00	-0.28	4.79E-01	9.02E-01
SLC6A8	-0.13	6.36E-01	1.00E+00	-0.34	4.79E-01	9.02E-01
G30345	0.27	7.27E-01	1.00E+00	0.65	4.79E-01	9.02E-01

SRSF3	0.01	9.81E-01	1.00E+00	-0.09	4.79E-01	9.02E-01
ZNF444	-0.06	8.38E-01	1.00E+00	0.47	4.79E-01	9.02E-01
RAB3IL1	-0.12	7.99E-01	1.00E+00	0.47	4.79E-01	9.02E-01
AGAP8	-3.26	3.17E-02	1.00E+00	0.69	4.79E-01	9.02E-01
PBDC1	0.06	8.01E-01	1.00E+00	-0.19	4.79E-01	9.02E-01
MEGF11	0.07	9.28E-01	1.00E+00	-0.63	4.79E-01	9.02E-01
GBP5	-0.77	2.22E-01	1.00E+00	2.21	4.80E-01	9.02E-01
MLH3	0.19	5.41E-01	1.00E+00	0.30	4.80E-01	9.02E-01
AC105429.1	-0.10	9.37E-01	1.00E+00	0.89	4.80E-01	9.02E-01
ANKHD1-EIF4EBP3	-2.78	3.60E-02	1.00E+00	0.44	4.80E-01	9.02E-01
XLOC_007524	0.56	5.14E-01	1.00E+00	0.65	4.80E-01	9.02E-01
CYSLTR2	0.32	4.85E-01	1.00E+00	0.57	4.80E-01	9.02E-01
ZNF350	0.28	1.81E-01	1.00E+00	-0.16	4.80E-01	9.02E-01
RPS18P12	-0.08	9.65E-01	1.00E+00	0.77	4.80E-01	9.02E-01
AC124944.3	-1.09	3.37E-01	1.00E+00	0.50	4.80E-01	9.02E-01
SHROOM1	0.08	8.62E-01	1.00E+00	0.57	4.80E-01	9.02E-01
ANO10	-0.06	8.09E-01	1.00E+00	-0.13	4.80E-01	9.02E-01
MAD2L1	0.09	8.25E-01	1.00E+00	0.25	4.80E-01	9.02E-01
AL590648.3	-2.74	2.09E-01	1.00E+00	0.92	4.80E-01	9.02E-01
AC145422.1	-2.22	2.80E-01	1.00E+00	-0.60	4.80E-01	9.02E-01
AL161668.3	-1.15	3.52E-01	1.00E+00	-0.64	4.80E-01	9.02E-01
AL391001.1	0.30	8.17E-01	1.00E+00	-0.39	4.80E-01	9.02E-01
AC008736.1	-0.53	2.58E-01	1.00E+00	-0.53	4.80E-01	9.02E-01
PRR36	-1.18	3.38E-02	1.00E+00	-0.61	4.80E-01	9.02E-01
SETBP1	-0.34	2.73E-01	1.00E+00	0.28	4.80E-01	9.02E-01
G28332	0.42	5.86E-01	1.00E+00	0.55	4.80E-01	9.02E-01
MORC3	-0.13	5.88E-01	1.00E+00	-0.13	4.80E-01	9.02E-01
TP53INP1	0.32	9.66E-02	1.00E+00	-0.21	4.80E-01	9.02E-01
MRVI1	-0.26	6.10E-01	1.00E+00	0.43	4.80E-01	9.02E-01
JMJD1C	-0.22	1.86E-01	1.00E+00	0.14	4.81E-01	9.02E-01
AL358933.1	-2.02	1.94E-01	1.00E+00	-1.24	4.81E-01	9.02E-01
TMTC2	-0.23	4.93E-01	1.00E+00	0.38	4.81E-01	9.02E-01

PKD2	0.35	1.83E-01	1.00E+00	0.36	4.81E-01	9.02E-01
TBX15	0.66	1.95E-01	1.00E+00	0.37	4.81E-01	9.02E-01
TNKS1BP1	-0.05	8.48E-01	1.00E+00	0.41	4.81E-01	9.02E-01
LINC01315	0.10	7.15E-01	1.00E+00	-0.23	4.81E-01	9.02E-01
SAA2	-1.18	6.10E-01	1.00E+00	-0.77	4.81E-01	9.02E-01
AGAP10P	-2.80	1.31E-01	1.00E+00	0.54	4.81E-01	9.02E-01
KAZN	0.00	9.97E-01	1.00E+00	-0.30	4.81E-01	9.02E-01
SLC2A4	0.15	8.47E-01	1.00E+00	-0.37	4.81E-01	9.02E-01
SLC1A5	-0.03	9.53E-01	1.00E+00	-0.33	4.81E-01	9.02E-01
CARMIL3	-0.26	6.33E-01	1.00E+00	0.59	4.81E-01	9.02E-01
MPI	0.05	8.43E-01	1.00E+00	0.14	4.81E-01	9.02E-01
AC092944.1	-0.42	6.86E-01	1.00E+00	-0.40	4.81E-01	9.02E-01
ZNF19	0.73	2.55E-01	1.00E+00	-0.44	4.81E-01	9.02E-01
AL049796.1	-0.32	5.71E-01	1.00E+00	-0.58	4.81E-01	9.02E-01
AC078899.1	0.60	5.40E-01	1.00E+00	-0.56	4.81E-01	9.02E-01
FLJ22447	-0.51	4.35E-01	1.00E+00	-0.56	4.81E-01	9.02E-01
CDH20	0.45	4.96E-01	1.00E+00	0.65	4.81E-01	9.02E-01
HSD3B1	0.99	7.52E-01	1.00E+00	-2.21	4.81E-01	9.02E-01
ADGRF1	2.12	4.21E-01	1.00E+00	1.17	4.81E-01	9.02E-01
CRAMP1	0.09	7.71E-01	1.00E+00	0.41	4.81E-01	9.02E-01
TSHR	-0.07	9.59E-01	1.00E+00	0.60	4.81E-01	9.02E-01
MATN4	0.72	2.67E-01	1.00E+00	0.49	4.82E-01	9.02E-01
AL358777.1	0.00	9.98E-01	1.00E+00	0.86	4.82E-01	9.02E-01
PLA2G2F	-0.22	7.75E-01	1.00E+00	0.49	4.82E-01	9.02E-01
MAGEF1	-0.01	9.70E-01	1.00E+00	-0.31	4.82E-01	9.02E-01
HBS1L	0.18	4.25E-01	1.00E+00	-0.17	4.82E-01	9.02E-01
HAUS1	-0.15	5.70E-01	1.00E+00	-0.18	4.82E-01	9.02E-01
POLM	-0.04	8.87E-01	1.00E+00	0.25	4.82E-01	9.02E-01
IKZF3	0.03	9.72E-01	1.00E+00	1.95	4.82E-01	9.02E-01
PPP1CB	0.17	4.86E-01	1.00E+00	-0.27	4.82E-01	9.02E-01
ADNP-AS1	-0.12	8.53E-01	1.00E+00	0.49	4.82E-01	9.02E-01
G43233	0.43	6.88E-01	1.00E+00	0.68	4.82E-01	9.02E-01

NUDT18	-0.21	4.99E-01	1.00E+00	0.41	4.82E-01	9.02E-01
TRAV8-4	-0.32	8.91E-01	1.00E+00	0.91	4.82E-01	9.03E-01
AC026877.1	-0.41	9.05E-01	1.00E+00	0.50	4.82E-01	9.03E-01
IGHV3-7	2.10	2.97E-01	1.00E+00	2.22	4.82E-01	9.03E-01
C1QTNF9	0.54	8.06E-01	1.00E+00	-1.60	4.82E-01	9.03E-01
MIA3	-0.16	4.93E-01	1.00E+00	0.11	4.82E-01	9.03E-01
NACAD	0.15	7.43E-01	1.00E+00	0.41	4.83E-01	9.03E-01
AC008074.2	0.24	7.74E-01	1.00E+00	0.34	4.83E-01	9.03E-01
FERMT1	0.13	7.07E-01	1.00E+00	0.41	4.83E-01	9.03E-01
AC126773.2	1.34	2.08E-01	1.00E+00	-0.35	4.83E-01	9.03E-01
UBXN8	0.18	6.00E-01	1.00E+00	0.19	4.83E-01	9.03E-01
ART3	-1.03	1.00E-01	1.00E+00	-0.34	4.83E-01	9.03E-01
MT-TV	-0.56	8.73E-01	1.00E+00	-0.70	4.83E-01	9.03E-01
AC022497.1	0.72	8.09E-02	1.00E+00	0.68	4.83E-01	9.03E-01
LINC00842	0.04	9.21E-01	1.00E+00	-0.39	4.83E-01	9.03E-01
HUWE1	-0.20	3.91E-01	1.00E+00	0.31	4.83E-01	9.03E-01
ABHD16A	0.01	9.90E-01	1.00E+00	0.50	4.83E-01	9.03E-01
ZNF3	-0.01	9.75E-01	1.00E+00	-0.14	4.83E-01	9.03E-01
NKG7	-0.20	7.73E-01	1.00E+00	1.91	4.83E-01	9.03E-01
FAM178B	-0.59	3.15E-01	1.00E+00	-0.31	4.83E-01	9.03E-01
NR4A3	-1.85	1.80E-02	8.42E-01	2.19	4.83E-01	9.03E-01
TIPARP-AS1	-0.17	8.21E-01	1.00E+00	-0.36	4.83E-01	9.03E-01
PLET1	-2.06	5.41E-01	1.00E+00	-1.41	4.83E-01	9.03E-01
PTCHD4	2.17	8.83E-02	1.00E+00	0.88	4.83E-01	9.03E-01
DDX27	-0.21	3.06E-01	1.00E+00	-0.12	4.83E-01	9.03E-01
AL445426.1	2.28	7.26E-02	1.00E+00	0.56	4.83E-01	9.03E-01
CLPP	-0.09	7.26E-01	1.00E+00	0.09	4.83E-01	9.03E-01
PHF6	0.40	1.77E-01	1.00E+00	-0.18	4.84E-01	9.03E-01
HNRNPA3P6	0.06	9.09E-01	1.00E+00	0.20	4.84E-01	9.03E-01
TMEM9B	0.21	3.51E-01	1.00E+00	-0.26	4.84E-01	9.03E-01
XIAP	0.15	4.72E-01	1.00E+00	0.21	4.84E-01	9.03E-01
PM20D1	-0.08	9.79E-01	1.00E+00	-2.19	4.84E-01	9.03E-01

MAS1L	1.32	1.70E-01	1.00E+00	0.57	4.84E-01	9.03E-01
RPL11P3	0.37	7.70E-01	1.00E+00	0.37	4.84E-01	9.03E-01
NEK4	0.23	3.01E-01	1.00E+00	0.22	4.84E-01	9.04E-01
EIF1AY	0.33	5.78E-01	1.00E+00	1.66	4.84E-01	9.04E-01
ETNK2	-0.55	1.77E-01	1.00E+00	-0.31	4.84E-01	9.04E-01
ZBTB14	0.15	4.68E-01	1.00E+00	-0.14	4.84E-01	9.04E-01
CLEC4F	-0.92	6.05E-01	1.00E+00	1.12	4.84E-01	9.04E-01
PHEX	0.40	6.09E-01	1.00E+00	0.63	4.84E-01	9.04E-01
IGKV2D-29	1.50	6.62E-01	1.00E+00	2.23	4.84E-01	9.04E-01
APOBEC3H	-1.90	3.57E-01	1.00E+00	0.79	4.84E-01	9.04E-01
CEP83	-0.32	4.37E-01	1.00E+00	-0.19	4.84E-01	9.04E-01
WDR89	0.09	8.28E-01	1.00E+00	-0.23	4.84E-01	9.04E-01
LCE1E	-1.71	1.33E-01	1.00E+00	0.58	4.84E-01	9.04E-01
QTRT2	-0.16	5.22E-01	1.00E+00	-0.15	4.84E-01	9.04E-01
AC098829.1	-1.30	1.94E-01	1.00E+00	-0.44	4.84E-01	9.04E-01
SESTD1	0.77	1.09E-01	1.00E+00	-0.33	4.84E-01	9.04E-01
C5orf58	1.77	2.33E-01	1.00E+00	0.77	4.85E-01	9.04E-01
NOSTRIN	0.53	3.98E-01	1.00E+00	-0.30	4.85E-01	9.04E-01
ZNF75D	0.16	5.22E-01	1.00E+00	0.32	4.85E-01	9.04E-01
SELENBP1	0.53	3.29E-01	1.00E+00	-0.26	4.85E-01	9.04E-01
LINC00896	2.01	5.54E-01	1.00E+00	-0.95	4.85E-01	9.04E-01
RTKN2	-0.21	6.15E-01	1.00E+00	0.34	4.85E-01	9.04E-01
TBC1D9B	-0.14	5.27E-01	1.00E+00	0.31	4.85E-01	9.04E-01
AC005702.1	0.39	5.79E-01	1.00E+00	0.51	4.85E-01	9.04E-01
RNF187	-0.03	9.04E-01	1.00E+00	-0.39	4.85E-01	9.04E-01
PRRX2	-0.30	2.70E-01	1.00E+00	0.43	4.85E-01	9.04E-01
DIXDC1	0.32	4.61E-01	1.00E+00	-0.28	4.85E-01	9.04E-01
XLOC_003854	NA	NA	NA	-1.14	4.85E-01	9.04E-01
IL20RB-AS1	-0.86	4.60E-01	1.00E+00	0.55	4.85E-01	9.04E-01
TMEM170A	0.50	1.19E-01	1.00E+00	-0.16	4.85E-01	9.04E-01
AC109326.1	0.13	9.14E-01	1.00E+00	-0.52	4.85E-01	9.04E-01
SLC24A5	0.19	8.17E-01	1.00E+00	0.56	4.86E-01	9.04E-01

AL118506.1	-0.10	7.40E-01	1.00E+00	0.44	4.86E-01	9.04E-01
BANF1P2	-1.38	1.56E-01	1.00E+00	0.48	4.86E-01	9.04E-01
NIPAL3	0.17	5.87E-01	1.00E+00	-0.17	4.86E-01	9.04E-01
LINC02453	-1.79	2.70E-01	1.00E+00	-0.47	4.86E-01	9.04E-01
MFSD11	0.21	3.34E-01	1.00E+00	-0.17	4.86E-01	9.04E-01
G3616	0.43	6.04E-01	1.00E+00	0.58	4.86E-01	9.04E-01
G32994	-1.94	2.72E-01	1.00E+00	0.69	4.86E-01	9.04E-01
AC137767.1	-0.23	8.43E-01	1.00E+00	0.48	4.86E-01	9.04E-01
AL079303.1	3.63	2.27E-01	1.00E+00	-0.98	4.86E-01	9.04E-01
GPR22	2.41	4.65E-01	1.00E+00	-0.70	4.86E-01	9.04E-01
LRCOL1	-1.28	2.94E-01	1.00E+00	0.73	4.86E-01	9.04E-01
AL353662.2	0.36	9.17E-01	1.00E+00	0.55	4.86E-01	9.04E-01
PTPN22	0.38	5.09E-01	1.00E+00	0.50	4.86E-01	9.04E-01
BLOC1S1	0.62	2.04E-01	1.00E+00	-0.42	4.86E-01	9.04E-01
FAHD1	-0.11	7.22E-01	1.00E+00	-0.20	4.86E-01	9.04E-01
WDR37	0.55	8.35E-02	1.00E+00	0.16	4.86E-01	9.04E-01
FOXP1	0.01	9.83E-01	1.00E+00	0.28	4.86E-01	9.04E-01
ZSWIM9	-0.25	4.00E-01	1.00E+00	0.49	4.86E-01	9.04E-01
AC103923.1	-0.96	4.47E-01	1.00E+00	-0.66	4.86E-01	9.04E-01
ZSWIM8	-0.20	4.24E-01	1.00E+00	0.39	4.86E-01	9.04E-01
AC005261.3	0.39	3.68E-01	1.00E+00	0.25	4.86E-01	9.04E-01
PRAF2	0.23	7.11E-01	1.00E+00	0.34	4.86E-01	9.04E-01
S100A9	-1.29	4.31E-02	1.00E+00	2.18	4.86E-01	9.04E-01
BX276092.7	-0.32	8.26E-01	1.00E+00	0.54	4.86E-01	9.04E-01
SLC41A2	0.16	7.49E-01	1.00E+00	0.34	4.86E-01	9.04E-01
MRPL53P1	-1.33	6.81E-01	1.00E+00	0.68	4.86E-01	9.04E-01
HDGFL3	0.05	8.53E-01	1.00E+00	0.29	4.87E-01	9.05E-01
LINC01136	-0.02	9.87E-01	1.00E+00	-0.52	4.87E-01	9.05E-01
DSEL	0.48	2.35E-01	1.00E+00	0.33	4.87E-01	9.05E-01
SCAMP2	0.09	6.56E-01	1.00E+00	0.10	4.87E-01	9.05E-01
MCF2L2	-2.62	2.59E-05	7.38E-03	0.53	4.87E-01	9.05E-01
PTPRG-AS1	-0.87	4.63E-01	1.00E+00	0.49	4.87E-01	9.05E-01

ITCH	0.07	7.62E-01	1.00E+00	0.19	4.87E-01	9.05E-01
CCDC110	-0.27	6.07E-01	1.00E+00	-0.49	4.87E-01	9.05E-01
CEACAM21	0.66	4.85E-01	1.00E+00	0.72	4.87E-01	9.05E-01
MRPL11	-0.08	6.52E-01	1.00E+00	-0.12	4.87E-01	9.05E-01
ITGA1	0.30	5.85E-01	1.00E+00	0.39	4.87E-01	9.05E-01
AC022217.3	-1.42	4.24E-01	1.00E+00	0.72	4.87E-01	9.05E-01
AC087392.2	-0.93	5.39E-02	1.00E+00	-0.57	4.87E-01	9.05E-01
FAM69A	0.45	2.12E-01	1.00E+00	-0.27	4.87E-01	9.05E-01
CNNM3	0.01	9.48E-01	1.00E+00	-0.40	4.87E-01	9.05E-01
AC084880.1	-0.58	2.92E-01	1.00E+00	0.37	4.87E-01	9.05E-01
MGAT3-AS1	-1.84	2.84E-01	1.00E+00	-0.81	4.87E-01	9.05E-01
FAM69B	-0.22	5.23E-01	1.00E+00	-0.41	4.87E-01	9.05E-01
NCEH1	0.05	9.06E-01	1.00E+00	0.28	4.87E-01	9.05E-01
UBE2N	-0.05	8.37E-01	1.00E+00	-0.20	4.87E-01	9.05E-01
MBP	-0.19	6.43E-01	1.00E+00	-0.17	4.87E-01	9.05E-01
ULBP3	-0.28	7.59E-01	1.00E+00	0.53	4.87E-01	9.05E-01
RPL10P16	-0.01	9.84E-01	1.00E+00	-0.28	4.87E-01	9.05E-01
RAB18	0.15	5.84E-01	1.00E+00	-0.22	4.87E-01	9.05E-01
CYP4F3	-0.50	3.43E-01	1.00E+00	-0.41	4.87E-01	9.05E-01
ABHD13	-0.01	9.58E-01	1.00E+00	-0.15	4.88E-01	9.05E-01
KIRREL2	0.25	9.29E-01	1.00E+00	-1.17	4.88E-01	9.05E-01
FTH1P22	2.17	4.06E-01	1.00E+00	1.34	4.88E-01	9.05E-01
LRRC46	-0.86	4.38E-01	1.00E+00	-0.69	4.88E-01	9.05E-01
XLOC_003782	1.92	2.57E-03	2.61E-01	0.44	4.88E-01	9.05E-01
AC106872.2	-1.71	5.35E-01	1.00E+00	-0.42	4.88E-01	9.05E-01
ADORA2A-AS1	-2.86	4.41E-03	3.75E-01	-0.82	4.88E-01	9.05E-01
KCND3	-0.24	3.71E-01	1.00E+00	0.28	4.88E-01	9.05E-01
JMJD7-PLA2G4B	0.39	7.57E-01	1.00E+00	0.66	4.88E-01	9.05E-01
HOXC9	-0.06	8.99E-01	1.00E+00	-0.22	4.88E-01	9.05E-01
PFKP	-0.53	9.86E-03	6.15E-01	0.26	4.88E-01	9.05E-01
SEMA3B	0.53	3.61E-01	1.00E+00	0.46	4.88E-01	9.05E-01
PMEL	0.05	9.21E-01	1.00E+00	0.45	4.88E-01	9.05E-01

GRM7-AS1	0.92	4.35E-01	1.00E+00	-0.87	4.88E-01	9.05E-01
AC114810.1	-0.47	6.68E-01	1.00E+00	-0.61	4.88E-01	9.05E-01
RABGAP1L-IT1	2.69	4.27E-01	1.00E+00	0.91	4.88E-01	9.05E-01
EIF4BP3	-0.07	9.20E-01	1.00E+00	0.27	4.88E-01	9.05E-01
AC093297.2	0.55	1.53E-01	1.00E+00	-0.28	4.88E-01	9.05E-01
ACAD8	0.03	8.90E-01	1.00E+00	-0.19	4.88E-01	9.05E-01
TUBBP1	0.23	8.73E-01	1.00E+00	-0.34	4.89E-01	9.05E-01
DHCR24-DT	1.67	2.11E-01	1.00E+00	0.56	4.89E-01	9.05E-01
ASCC2	-0.20	3.64E-01	1.00E+00	0.12	4.89E-01	9.05E-01
C6orf120	0.14	5.73E-01	1.00E+00	0.30	4.89E-01	9.05E-01
AL356275.1	0.16	7.45E-01	1.00E+00	-0.51	4.89E-01	9.05E-01
FKBP14	0.18	5.02E-01	1.00E+00	-0.20	4.89E-01	9.05E-01
NAPEPLD	0.11	7.36E-01	1.00E+00	-0.18	4.89E-01	9.05E-01
AL121757.1	0.84	7.86E-01	1.00E+00	1.39	4.89E-01	9.05E-01
AC012313.3	0.98	3.88E-01	1.00E+00	0.67	4.89E-01	9.05E-01
PLEKHA4	-0.16	7.05E-01	1.00E+00	0.42	4.89E-01	9.05E-01
XLOC_011822	-0.74	7.47E-01	1.00E+00	-0.65	4.89E-01	9.05E-01
SNORA59A	-0.51	8.81E-01	1.00E+00	0.51	4.89E-01	9.05E-01
SYT15	1.04	2.76E-01	1.00E+00	0.28	4.89E-01	9.05E-01
HAND2	1.66	1.51E-02	7.65E-01	0.67	4.89E-01	9.05E-01
TMEM94	0.05	8.55E-01	1.00E+00	0.33	4.89E-01	9.05E-01
INO80C	0.31	3.24E-01	1.00E+00	-0.24	4.89E-01	9.05E-01
FAM216A	0.14	6.97E-01	1.00E+00	-0.25	4.89E-01	9.05E-01
AC069200.1	-0.87	4.99E-01	1.00E+00	-0.47	4.89E-01	9.05E-01
CDC42EP5	-0.19	5.64E-01	1.00E+00	0.71	4.89E-01	9.05E-01
XLOC_004881	-0.08	8.68E-01	1.00E+00	-0.34	4.89E-01	9.05E-01
AC124944.2	-2.27	4.43E-01	1.00E+00	1.04	4.89E-01	9.05E-01
NEU1	0.11	4.84E-01	1.00E+00	0.12	4.89E-01	9.05E-01
GCH1	-0.26	3.50E-01	1.00E+00	0.38	4.89E-01	9.05E-01
CYP4Z2P	0.78	3.76E-01	1.00E+00	0.53	4.89E-01	9.05E-01
CLEC5A	-0.63	2.36E-01	1.00E+00	0.51	4.90E-01	9.05E-01
ZNF233	0.51	5.49E-01	1.00E+00	0.58	4.90E-01	9.05E-01

SEMA3C	0.27	5.88E-01	1.00E+00	-0.22	4.90E-01	9.05E-01
LINC00174	-0.47	3.94E-01	1.00E+00	0.38	4.90E-01	9.05E-01
MEDAG	0.56	2.49E-01	1.00E+00	0.51	4.90E-01	9.05E-01
ZNF613	0.09	7.02E-01	1.00E+00	0.19	4.90E-01	9.06E-01
MRPL20	0.02	8.85E-01	1.00E+00	-0.16	4.90E-01	9.06E-01
GALT	-0.08	8.24E-01	1.00E+00	-0.23	4.90E-01	9.06E-01
ERO1B	0.48	2.42E-01	1.00E+00	0.25	4.90E-01	9.06E-01
AL604028.1	0.25	5.26E-01	1.00E+00	0.41	4.90E-01	9.06E-01
MRPL58	-0.18	5.11E-01	1.00E+00	-0.17	4.90E-01	9.06E-01
AP002840.2	0.35	5.63E-01	1.00E+00	0.47	4.90E-01	9.06E-01
KIAA1324L	0.05	8.96E-01	1.00E+00	-0.37	4.90E-01	9.06E-01
HNRNPA1P33	0.08	8.96E-01	1.00E+00	0.43	4.90E-01	9.06E-01
UPK1B	-0.34	5.14E-01	1.00E+00	-0.63	4.90E-01	9.06E-01
AC046168.1	0.23	8.77E-01	1.00E+00	-0.97	4.90E-01	9.06E-01
TXNRD1	0.41	1.42E-01	1.00E+00	0.30	4.90E-01	9.06E-01
BRD8	0.28	1.07E-01	1.00E+00	0.15	4.90E-01	9.06E-01
AMBP	-3.33	2.09E-02	8.94E-01	-0.64	4.90E-01	9.06E-01
CDC123	-0.07	6.81E-01	1.00E+00	-0.26	4.90E-01	9.06E-01
AC016747.1	0.42	3.34E-01	1.00E+00	0.34	4.90E-01	9.06E-01
UNC13C	-0.16	8.64E-01	1.00E+00	-0.59	4.90E-01	9.06E-01
SGTA	-0.12	5.75E-01	1.00E+00	0.16	4.91E-01	9.06E-01
AL732292.2	0.63	7.30E-01	1.00E+00	0.61	4.91E-01	9.06E-01
LRRC42	-0.17	4.92E-01	1.00E+00	-0.11	4.91E-01	9.06E-01
PSMB6	-0.04	8.40E-01	1.00E+00	-0.23	4.91E-01	9.06E-01
HERC2P8	NA	NA	NA	0.82	4.91E-01	9.06E-01
AC109462.1	1.14	6.37E-01	1.00E+00	-0.80	4.91E-01	9.06E-01
B4GALT3	0.10	7.06E-01	1.00E+00	0.12	4.91E-01	9.07E-01
MYL3	0.15	7.48E-01	1.00E+00	0.48	4.91E-01	9.07E-01
AL031985.2	NA	NA	NA	-0.45	4.91E-01	9.07E-01
AC073316.1	0.10	9.43E-01	1.00E+00	0.88	4.91E-01	9.07E-01
LINC02240	3.27	2.96E-02	9.96E-01	-2.17	4.91E-01	9.07E-01
DKKL1	1.52	1.43E-01	1.00E+00	0.68	4.91E-01	9.07E-01

PRRG3	0.67	2.28E-01	1.00E+00	0.34	4.91E-01	9.07E-01
AC005062.1	-3.02	3.72E-01	1.00E+00	0.62	4.91E-01	9.07E-01
CD207	-0.88	1.39E-01	1.00E+00	-0.51	4.92E-01	9.07E-01
ANG	0.29	3.43E-01	1.00E+00	-0.34	4.92E-01	9.07E-01
PDPK2P	-0.74	1.94E-01	1.00E+00	0.49	4.92E-01	9.07E-01
RPS14	-0.22	5.33E-01	1.00E+00	0.22	4.92E-01	9.07E-01
ZNF610	0.33	6.21E-01	1.00E+00	-0.55	4.92E-01	9.07E-01
SLC25A28	-0.27	3.73E-01	1.00E+00	0.41	4.92E-01	9.07E-01
ADAMTS13	0.13	8.44E-01	1.00E+00	0.67	4.92E-01	9.07E-01
FAM229B	-0.31	4.63E-01	1.00E+00	-0.21	4.92E-01	9.07E-01
MIF	-1.17	1.33E-01	1.00E+00	0.50	4.92E-01	9.07E-01
ALDH5A1	0.06	7.31E-01	1.00E+00	-0.26	4.92E-01	9.07E-01
RABEPK	-0.04	7.92E-01	1.00E+00	-0.11	4.92E-01	9.07E-01
XLOC_013181	-1.20	3.49E-01	1.00E+00	-0.45	4.92E-01	9.07E-01
DNAH14	0.11	8.84E-01	1.00E+00	0.59	4.92E-01	9.07E-01
AL603839.3	1.97	3.44E-02	1.00E+00	0.36	4.92E-01	9.07E-01
SAV1	0.04	8.75E-01	1.00E+00	-0.29	4.92E-01	9.07E-01
AC091982.3	-0.07	8.18E-01	1.00E+00	-0.24	4.92E-01	9.07E-01
AP001318.2	0.97	1.12E-01	1.00E+00	0.30	4.92E-01	9.07E-01
CTSG	0.80	1.98E-01	1.00E+00	0.42	4.92E-01	9.07E-01
SGTB	-0.01	9.72E-01	1.00E+00	0.22	4.92E-01	9.07E-01
G35570	-2.48	4.68E-01	1.00E+00	-1.10	4.92E-01	9.07E-01
TCEAL5	0.79	5.09E-01	1.00E+00	-0.63	4.92E-01	9.07E-01
MAL2-AS1	-2.12	4.32E-01	1.00E+00	-0.95	4.92E-01	9.07E-01
HS3ST5	0.35	7.55E-01	1.00E+00	-0.92	4.92E-01	9.07E-01
AP001351.1	-1.78	1.06E-01	1.00E+00	0.50	4.92E-01	9.07E-01
OSR1	0.69	6.44E-02	1.00E+00	0.25	4.92E-01	9.07E-01
POLR2I	0.47	4.04E-01	1.00E+00	-0.44	4.92E-01	9.07E-01
TMEM98	0.17	6.38E-01	1.00E+00	0.18	4.92E-01	9.07E-01
G15642	0.73	1.32E-01	1.00E+00	-0.43	4.93E-01	9.07E-01
LINC01122	-2.13	3.54E-01	1.00E+00	-0.96	4.93E-01	9.07E-01
RPS6KC1	-0.14	5.52E-01	1.00E+00	0.15	4.93E-01	9.07E-01

CERK	0.36	3.51E-01	1.00E+00	0.27	4.93E-01	9.07E-01
STAT2	0.06	9.01E-01	1.00E+00	0.30	4.93E-01	9.07E-01
UFL1	0.04	8.77E-01	1.00E+00	-0.15	4.93E-01	9.07E-01
ANGPTL5	1.17	1.76E-02	8.33E-01	0.45	4.93E-01	9.07E-01
PYGO2	0.00	9.83E-01	1.00E+00	-0.30	4.93E-01	9.07E-01
AC067852.2	NA	NA	NA	0.58	4.93E-01	9.07E-01
BRD9	0.15	3.79E-01	1.00E+00	0.26	4.93E-01	9.07E-01
CELF2-AS2	1.96	5.66E-01	1.00E+00	0.81	4.93E-01	9.07E-01
C2orf15	0.05	8.92E-01	1.00E+00	-0.33	4.93E-01	9.07E-01
TMEM121B	-0.67	8.97E-02	1.00E+00	0.64	4.93E-01	9.07E-01
ZNF581	-0.04	8.56E-01	1.00E+00	0.18	4.93E-01	9.07E-01
ACVR1C	3.55	1.71E-02	8.25E-01	-0.62	4.93E-01	9.07E-01
TRIM40	-0.20	9.53E-01	1.00E+00	-2.19	4.93E-01	9.07E-01
HSP90AB3P	-0.37	8.19E-01	1.00E+00	-0.43	4.93E-01	9.07E-01
ANGPTL1	0.82	8.44E-02	1.00E+00	0.32	4.93E-01	9.07E-01
MAFG-DT	-0.22	4.45E-01	1.00E+00	-0.55	4.93E-01	9.07E-01
C11orf96	-1.76	2.82E-06	9.97E-04	0.56	4.93E-01	9.07E-01
AC006001.3	-0.11	6.30E-01	1.00E+00	0.15	4.93E-01	9.07E-01
AC104046.1	-2.44	1.72E-01	1.00E+00	-0.60	4.93E-01	9.07E-01
TOP3A	0.01	9.71E-01	1.00E+00	0.29	4.94E-01	9.07E-01
CLK1	-0.63	3.11E-01	1.00E+00	-0.27	4.94E-01	9.07E-01
FBXL16	-0.43	3.04E-01	1.00E+00	-0.45	4.94E-01	9.07E-01
SPRYD7	-0.07	7.80E-01	1.00E+00	-0.19	4.94E-01	9.07E-01
SGCZ	1.72	2.43E-01	1.00E+00	1.67	4.94E-01	9.07E-01
FOXL1	-0.74	3.50E-01	1.00E+00	0.85	4.94E-01	9.07E-01
RPL9P8	-1.09	6.07E-01	1.00E+00	-0.47	4.94E-01	9.07E-01
ME2	-0.07	8.06E-01	1.00E+00	-0.23	4.94E-01	9.07E-01
IL20	-2.56	2.34E-01	1.00E+00	2.15	4.94E-01	9.07E-01
GFM2	0.07	7.96E-01	1.00E+00	-0.14	4.94E-01	9.07E-01
G30952	-0.40	7.81E-01	1.00E+00	0.80	4.94E-01	9.07E-01
METRNL	-0.06	8.74E-01	1.00E+00	0.36	4.94E-01	9.07E-01
TRMT10A	0.86	7.84E-02	1.00E+00	-0.26	4.94E-01	9.07E-01

NTAN1P2	1.38	3.76E-01	1.00E+00	0.51	4.94E-01	9.07E-01
AC018845.3	-1.15	4.85E-01	1.00E+00	0.85	4.94E-01	9.07E-01
PACS1	-0.28	3.29E-01	1.00E+00	0.39	4.94E-01	9.07E-01
IGSF3	-0.53	5.06E-02	1.00E+00	0.35	4.94E-01	9.07E-01
TMEM126B	0.21	3.65E-01	1.00E+00	-0.19	4.94E-01	9.07E-01
ABHD12B	0.20	7.22E-01	1.00E+00	-0.40	4.94E-01	9.07E-01
PILRB	1.65	1.71E-01	1.00E+00	0.75	4.94E-01	9.07E-01
NCR1	-2.69	3.05E-01	1.00E+00	1.06	4.94E-01	9.07E-01
ATF7IP2	0.35	3.41E-01	1.00E+00	0.26	4.94E-01	9.07E-01
AC087620.1	1.90	2.50E-01	1.00E+00	0.63	4.94E-01	9.07E-01
COTL1	0.09	8.32E-01	1.00E+00	0.45	4.94E-01	9.07E-01
DIP2B	0.07	7.89E-01	1.00E+00	0.28	4.94E-01	9.07E-01
B3GAT2	0.95	5.18E-01	1.00E+00	0.64	4.94E-01	9.07E-01
TADA1	0.05	8.37E-01	1.00E+00	-0.24	4.94E-01	9.07E-01
LINC01558	-0.66	5.00E-01	1.00E+00	0.58	4.94E-01	9.07E-01
LINC00113	2.50	3.74E-01	1.00E+00	-0.80	4.94E-01	9.07E-01
AP005329.2	-0.98	4.12E-01	1.00E+00	-0.45	4.94E-01	9.07E-01
AGBL2	-0.69	5.63E-01	1.00E+00	-0.64	4.94E-01	9.07E-01
AC055720.2	-0.14	8.27E-01	1.00E+00	0.51	4.95E-01	9.07E-01
GBP6	-1.81	1.16E-04	2.76E-02	0.59	4.95E-01	9.07E-01
GAPDHP1	-0.10	9.20E-01	1.00E+00	-0.36	4.95E-01	9.07E-01
PRG4	-1.03	4.66E-01	1.00E+00	0.56	4.95E-01	9.07E-01
SNORD89	-2.65	3.40E-01	1.00E+00	0.48	4.95E-01	9.07E-01
XPNPEP3	0.07	8.04E-01	1.00E+00	-0.19	4.95E-01	9.07E-01
ZMAT1	0.41	5.08E-01	1.00E+00	-0.42	4.95E-01	9.07E-01
Z97200.1	0.60	6.19E-01	1.00E+00	0.62	4.95E-01	9.07E-01
ST7	0.03	8.88E-01	1.00E+00	-0.22	4.95E-01	9.07E-01
C9orf3	-0.15	3.12E-01	1.00E+00	-0.16	4.95E-01	9.07E-01
CCNA2	0.14	7.29E-01	1.00E+00	0.34	4.95E-01	9.07E-01
NYAP1	-0.56	2.14E-01	1.00E+00	0.88	4.95E-01	9.07E-01
BRICD5	0.11	9.38E-01	1.00E+00	0.80	4.95E-01	9.07E-01
SOWAHA	-0.24	7.87E-01	1.00E+00	-0.60	4.95E-01	9.07E-01

NEMP1	0.28	5.80E-01	1.00E+00	-0.26	4.95E-01	9.07E-01
SCO1	-0.18	3.56E-01	1.00E+00	0.11	4.95E-01	9.07E-01
GEMIN4	-0.27	3.50E-01	1.00E+00	-0.17	4.95E-01	9.07E-01
TMEM11	-0.09	7.11E-01	1.00E+00	-0.19	4.95E-01	9.07E-01
AC008610.1	2.01	2.81E-01	1.00E+00	-0.63	4.95E-01	9.07E-01
AP001783.1	0.37	8.64E-01	1.00E+00	-0.79	4.95E-01	9.07E-01
DTHD1	-2.79	6.52E-02	1.00E+00	1.04	4.95E-01	9.07E-01
CLN3	2.03	8.65E-02	1.00E+00	0.30	4.95E-01	9.07E-01
LINC01985	1.32	2.10E-01	1.00E+00	0.69	4.95E-01	9.07E-01
LUC7L3	0.35	3.09E-01	1.00E+00	0.21	4.96E-01	9.07E-01
GPBAR1	0.78	3.57E-01	1.00E+00	0.49	4.96E-01	9.07E-01
KRT16P4	-1.16	2.68E-01	1.00E+00	-0.50	4.96E-01	9.07E-01
ZNF35	0.03	9.04E-01	1.00E+00	-0.18	4.96E-01	9.07E-01
FSIP1	0.18	8.88E-01	1.00E+00	-0.51	4.96E-01	9.07E-01
LINC01929	0.44	6.94E-01	1.00E+00	-1.08	4.96E-01	9.07E-01
KIAA1522	-0.29	2.83E-01	1.00E+00	0.34	4.96E-01	9.07E-01
NLRP10	0.16	8.49E-01	1.00E+00	0.52	4.96E-01	9.07E-01
LINC01918	-0.01	9.84E-01	1.00E+00	-0.66	4.96E-01	9.07E-01
KIAA1217	-0.46	6.60E-02	1.00E+00	0.23	4.96E-01	9.07E-01
AC130324.1	0.68	7.52E-01	1.00E+00	-0.56	4.96E-01	9.07E-01
AF129075.1	-0.62	7.88E-01	1.00E+00	0.70	4.96E-01	9.07E-01
DNAJA4	0.01	9.63E-01	1.00E+00	-0.22	4.96E-01	9.07E-01
LINC00640	-0.52	1.45E-01	1.00E+00	-0.47	4.96E-01	9.07E-01
SERTAD1	-0.75	1.06E-01	1.00E+00	0.23	4.96E-01	9.07E-01
IWS1	-0.04	8.03E-01	1.00E+00	0.16	4.96E-01	9.07E-01
UNC5CL	0.63	4.78E-01	1.00E+00	0.77	4.96E-01	9.07E-01
C12orf73	0.31	5.39E-01	1.00E+00	0.18	4.96E-01	9.07E-01
MT-ND4L	-0.16	7.29E-01	1.00E+00	-0.46	4.96E-01	9.07E-01
ANAPC5	-0.12	5.94E-01	1.00E+00	-0.14	4.96E-01	9.07E-01
AP005264.1	-0.24	8.66E-01	1.00E+00	-0.76	4.96E-01	9.07E-01
FLT4	0.13	7.51E-01	1.00E+00	0.47	4.97E-01	9.07E-01
CDC5L	-0.07	7.27E-01	1.00E+00	0.08	4.97E-01	9.07E-01

WWP1	0.26	2.14E-01	1.00E+00	-0.13	4.97E-01	9.07E-01
NR2C2AP	0.21	2.96E-01	1.00E+00	-0.19	4.97E-01	9.07E-01
IQCD	0.07	8.63E-01	1.00E+00	0.37	4.97E-01	9.07E-01
AC007614.1	0.46	7.13E-01	1.00E+00	0.81	4.97E-01	9.07E-01
B4GAT1	0.02	9.29E-01	1.00E+00	-0.12	4.97E-01	9.07E-01
AL035411.1	0.98	3.21E-01	1.00E+00	-0.32	4.97E-01	9.07E-01
AC093799.1	0.30	5.92E-01	1.00E+00	-0.65	4.97E-01	9.07E-01
ITPR2	-0.02	9.40E-01	1.00E+00	0.23	4.97E-01	9.07E-01
RN7SKP23	1.07	4.73E-01	1.00E+00	0.75	4.97E-01	9.07E-01
XLOC_009294	1.20	4.16E-01	1.00E+00	-1.05	4.97E-01	9.07E-01
ETFBKMT	0.19	4.99E-01	1.00E+00	-0.28	4.97E-01	9.07E-01
PSMC3	0.02	9.26E-01	1.00E+00	0.12	4.97E-01	9.07E-01
GTF3C6	-0.01	9.60E-01	1.00E+00	-0.21	4.97E-01	9.07E-01
AC097375.1	-0.02	9.77E-01	1.00E+00	-0.65	4.97E-01	9.07E-01
GPR137C	-0.62	3.21E-01	1.00E+00	0.71	4.97E-01	9.07E-01
AP5B1	-0.51	1.26E-01	1.00E+00	0.40	4.97E-01	9.07E-01
EPHB3	-0.16	4.03E-01	1.00E+00	-0.35	4.97E-01	9.07E-01
SPSB4	-0.36	7.10E-01	1.00E+00	0.65	4.97E-01	9.07E-01
SLC44A3	0.18	6.16E-01	1.00E+00	-0.24	4.97E-01	9.07E-01
AC105450.1	-1.14	6.66E-01	1.00E+00	-0.87	4.97E-01	9.07E-01
MFS14C	-0.14	6.14E-01	1.00E+00	-0.26	4.97E-01	9.07E-01
AL132989.1	0.56	6.22E-01	1.00E+00	0.42	4.97E-01	9.07E-01
MSLN	0.16	7.78E-01	1.00E+00	-0.67	4.97E-01	9.07E-01
CD2AP	-0.06	8.25E-01	1.00E+00	-0.12	4.97E-01	9.07E-01
ZNHIT6	0.03	8.84E-01	1.00E+00	-0.11	4.97E-01	9.07E-01
TMEM216	0.01	9.84E-01	1.00E+00	-0.20	4.97E-01	9.07E-01
IGHV4-61	-0.80	8.18E-01	1.00E+00	2.16	4.98E-01	9.07E-01
PROK2	-0.51	8.06E-01	1.00E+00	0.94	4.98E-01	9.07E-01
XLOC_012574	0.03	9.93E-01	1.00E+00	0.47	4.98E-01	9.07E-01
BTBD8	-0.13	8.26E-01	1.00E+00	0.34	4.98E-01	9.07E-01
LINC00926	0.59	5.11E-01	1.00E+00	0.52	4.98E-01	9.07E-01
TTC29	-1.84	5.15E-01	1.00E+00	-1.09	4.98E-01	9.07E-01

ATP7A	0.14	7.43E-01	1.00E+00	-0.25	4.98E-01	9.07E-01
SLC8B1	0.00	9.98E-01	1.00E+00	0.26	4.98E-01	9.07E-01
ZER1	-0.16	4.40E-01	1.00E+00	-0.39	4.98E-01	9.07E-01
AC005899.5	1.82	3.04E-01	1.00E+00	-0.88	4.98E-01	9.07E-01
AL512625.2	0.72	2.39E-01	1.00E+00	0.47	4.98E-01	9.07E-01
FANCL	-0.46	1.28E-01	1.00E+00	-0.19	4.98E-01	9.07E-01
BHMT	-1.28	3.08E-01	1.00E+00	-0.75	4.98E-01	9.07E-01
XXYLT1-AS2	-2.06	5.14E-01	1.00E+00	-0.83	4.98E-01	9.07E-01
KCNA3	0.44	7.28E-01	1.00E+00	2.13	4.98E-01	9.07E-01
SLC25A48	0.08	8.24E-01	1.00E+00	0.33	4.98E-01	9.07E-01
EFEMP1	0.41	9.91E-02	1.00E+00	0.24	4.98E-01	9.07E-01
WDR11	0.01	9.34E-01	1.00E+00	0.11	4.98E-01	9.07E-01
TRAJ39	NA	NA	NA	-0.69	4.98E-01	9.07E-01
LINC00342	0.27	7.81E-01	1.00E+00	0.68	4.98E-01	9.07E-01
CLIC1	-0.01	9.81E-01	1.00E+00	0.13	4.98E-01	9.07E-01
FZD7	-0.05	9.23E-01	1.00E+00	0.31	4.98E-01	9.07E-01
HRASLS5	2.30	5.41E-02	1.00E+00	-2.12	4.98E-01	9.07E-01
VNN1	0.02	9.74E-01	1.00E+00	0.62	4.98E-01	9.07E-01
MIATNB	-0.16	7.36E-01	1.00E+00	0.18	4.98E-01	9.07E-01
LAMC3	0.79	3.84E-02	1.00E+00	0.48	4.98E-01	9.07E-01
ANKRD9	-0.21	3.30E-01	1.00E+00	0.47	4.98E-01	9.07E-01
VDR	-0.20	5.81E-01	1.00E+00	0.32	4.98E-01	9.07E-01
NUDT4	0.20	4.08E-01	1.00E+00	-0.36	4.98E-01	9.07E-01
RPL21P32	NA	NA	NA	0.86	4.99E-01	9.07E-01
HDLBP	-0.07	7.43E-01	1.00E+00	0.23	4.99E-01	9.07E-01
AC008537.3	-0.07	9.55E-01	1.00E+00	-0.91	4.99E-01	9.07E-01
PDCL3	0.03	9.09E-01	1.00E+00	-0.23	4.99E-01	9.07E-01
AC091563.1	0.31	3.92E-01	1.00E+00	-0.38	4.99E-01	9.07E-01
MOGAT1	1.47	3.23E-01	1.00E+00	-2.14	4.99E-01	9.07E-01
AC128709.1	-0.73	5.52E-01	1.00E+00	-0.83	4.99E-01	9.07E-01
G22923	-0.30	8.24E-01	1.00E+00	-0.86	4.99E-01	9.07E-01
MTG1	-1.29	4.86E-01	1.00E+00	0.46	4.99E-01	9.07E-01

PTK2B	0.26	3.69E-01	1.00E+00	0.28	4.99E-01	9.07E-01
CPA5	-2.70	2.89E-02	9.88E-01	-0.57	4.99E-01	9.07E-01
AC005183.1	3.28	3.32E-01	1.00E+00	1.09	4.99E-01	9.07E-01
PRED62	0.54	8.35E-01	1.00E+00	1.53	4.99E-01	9.07E-01
FABP5P1	0.38	9.13E-01	1.00E+00	0.37	4.99E-01	9.07E-01
CHCHD10	0.02	9.75E-01	1.00E+00	0.45	4.99E-01	9.07E-01
TJAP1	0.05	8.36E-01	1.00E+00	0.31	4.99E-01	9.07E-01
RPL4P5	-0.43	6.60E-01	1.00E+00	-0.39	4.99E-01	9.07E-01
KRBOX4	0.17	5.99E-01	1.00E+00	-0.18	4.99E-01	9.07E-01
TMEM81	0.43	4.35E-01	1.00E+00	0.42	4.99E-01	9.07E-01
DLK2	0.30	4.34E-01	1.00E+00	-0.40	4.99E-01	9.07E-01
AC007906.2	-4.19	8.46E-03	5.67E-01	-0.42	4.99E-01	9.07E-01
ARPC1B	-0.95	2.09E-01	1.00E+00	0.33	4.99E-01	9.07E-01
CCDC22	0.01	9.44E-01	1.00E+00	0.22	4.99E-01	9.07E-01
CIRBP	0.23	3.68E-01	1.00E+00	0.17	4.99E-01	9.07E-01
UQCRC1	-0.25	1.60E-01	1.00E+00	-0.14	4.99E-01	9.07E-01
ITPRID2	0.11	7.61E-01	1.00E+00	0.18	4.99E-01	9.07E-01
PSMB1	0.00	9.87E-01	1.00E+00	-0.18	4.99E-01	9.07E-01
XLOC_012382	0.83	4.07E-01	1.00E+00	-0.65	5.00E-01	9.07E-01
AC024896.1	-0.20	6.18E-01	1.00E+00	0.22	5.00E-01	9.07E-01
F8	0.41	4.51E-01	1.00E+00	-0.35	5.00E-01	9.07E-01
XKR6	-0.27	4.95E-01	1.00E+00	-0.31	5.00E-01	9.08E-01
SPATA9	-1.03	6.76E-01	1.00E+00	-0.52	5.00E-01	9.08E-01
TRIM11	-0.21	3.72E-01	1.00E+00	0.35	5.00E-01	9.08E-01
CCDC90B	0.16	4.86E-01	1.00E+00	-0.20	5.00E-01	9.08E-01
FARP2	0.09	7.02E-01	1.00E+00	0.12	5.00E-01	9.08E-01
MEFV	-0.75	4.29E-01	1.00E+00	2.12	5.00E-01	9.08E-01
MICE	2.73	1.34E-01	1.00E+00	0.77	5.00E-01	9.08E-01
ERICD	0.70	4.81E-01	1.00E+00	0.85	5.00E-01	9.08E-01
TICAM1	-0.43	2.31E-01	1.00E+00	0.34	5.00E-01	9.08E-01
PSPN	0.17	6.51E-01	1.00E+00	0.28	5.00E-01	9.08E-01
AL365273.1	-0.02	9.68E-01	1.00E+00	-0.25	5.00E-01	9.08E-01

AP001527.2	-0.47	5.26E-01	1.00E+00	-0.44	5.00E-01	9.08E-01
RSPH4A	-0.36	6.96E-01	1.00E+00	0.64	5.00E-01	9.08E-01
RRAD	-0.24	6.17E-01	1.00E+00	0.60	5.00E-01	9.08E-01
BCL3	-0.65	2.67E-02	9.52E-01	0.42	5.01E-01	9.08E-01
KNOP1	-0.18	4.15E-01	1.00E+00	0.17	5.01E-01	9.08E-01
AC005229.1	-0.19	6.83E-01	1.00E+00	0.22	5.01E-01	9.08E-01
FLVCR1-DT	-0.30	6.92E-01	1.00E+00	0.43	5.01E-01	9.08E-01
IPO4	NA	NA	NA	0.41	5.01E-01	9.08E-01
LINC01132	-1.36	1.74E-01	1.00E+00	0.68	5.01E-01	9.08E-01
AC021028.1	-0.30	8.81E-01	1.00E+00	-0.73	5.01E-01	9.08E-01
AC008429.1	-2.30	1.68E-01	1.00E+00	-0.53	5.01E-01	9.08E-01
XLOC_008613	2.09	3.70E-01	1.00E+00	-0.68	5.01E-01	9.08E-01
SIRT4	-0.81	1.17E-01	1.00E+00	-0.43	5.01E-01	9.09E-01
EGFLAM	0.04	9.10E-01	1.00E+00	0.40	5.01E-01	9.09E-01
AL139005.1	-2.20	1.66E-01	1.00E+00	-0.86	5.01E-01	9.09E-01
AC015818.3	-1.19	6.39E-01	1.00E+00	-0.74	5.01E-01	9.09E-01
SLC11A2	0.27	1.81E-01	1.00E+00	0.14	5.02E-01	9.09E-01
AC008079.1	1.13	2.24E-01	1.00E+00	-0.56	5.02E-01	9.09E-01
RP11-435B5.4	0.38	4.27E-01	1.00E+00	-0.31	5.02E-01	9.09E-01
MYCBP2	-0.22	4.01E-01	1.00E+00	0.17	5.02E-01	9.09E-01
RPS27	-0.12	7.08E-01	1.00E+00	0.25	5.02E-01	9.09E-01
PBX1	0.09	7.99E-01	1.00E+00	0.25	5.02E-01	9.09E-01
SUPT5H	-0.24	2.49E-01	1.00E+00	0.23	5.02E-01	9.09E-01
STN1	-0.06	7.50E-01	1.00E+00	0.15	5.02E-01	9.09E-01
SLC34A2	0.88	4.40E-01	1.00E+00	-2.10	5.02E-01	9.09E-01
MIR193BHG	-0.27	4.41E-01	1.00E+00	-0.17	5.02E-01	9.09E-01
KIF5A	-0.24	9.39E-01	1.00E+00	0.91	5.02E-01	9.09E-01
BANCR	-0.87	8.00E-01	1.00E+00	-1.09	5.02E-01	9.09E-01
BMPR1A	0.16	4.25E-01	1.00E+00	-0.16	5.02E-01	9.09E-01
IGKV1D-13	2.23	3.38E-01	1.00E+00	2.13	5.02E-01	9.09E-01
SNURF	-0.81	8.14E-01	1.00E+00	-0.63	5.02E-01	9.09E-01
ZEB2-AS1	-0.49	8.87E-01	1.00E+00	0.61	5.02E-01	9.09E-01

XLOC_004800	3.67	8.10E-02	1.00E+00	-2.11	5.02E-01	9.09E-01
PICALM	0.02	8.96E-01	1.00E+00	0.26	5.02E-01	9.09E-01
SEC1P	-1.74	7.48E-03	5.25E-01	0.59	5.02E-01	9.09E-01
COMMD2	0.06	7.50E-01	1.00E+00	-0.20	5.02E-01	9.09E-01
G32125	0.41	6.50E-01	1.00E+00	0.66	5.02E-01	9.09E-01
LINC01772	-0.30	6.84E-01	1.00E+00	0.47	5.02E-01	9.09E-01
DNAJC11	-0.26	2.40E-01	1.00E+00	0.18	5.02E-01	9.09E-01
FZD2	-0.05	9.10E-01	1.00E+00	1.92	5.03E-01	9.09E-01
IGSF1	1.22	2.32E-02	9.14E-01	0.63	5.03E-01	9.09E-01
LILRA5	0.51	7.13E-01	1.00E+00	2.10	5.03E-01	9.10E-01
AC132942.1	-2.64	3.29E-01	1.00E+00	0.55	5.03E-01	9.10E-01
RPSAP36	1.48	3.96E-01	1.00E+00	0.67	5.03E-01	9.10E-01
LCP1	-0.46	2.05E-01	1.00E+00	0.34	5.03E-01	9.10E-01
TMEM147	0.00	9.93E-01	1.00E+00	-0.23	5.03E-01	9.10E-01
RBM44	-0.38	8.62E-01	1.00E+00	0.83	5.03E-01	9.10E-01
RAD51B	-0.10	6.36E-01	1.00E+00	-0.23	5.03E-01	9.10E-01
SNORA2	-0.57	8.15E-01	1.00E+00	0.46	5.03E-01	9.10E-01
AC020907.1	-0.72	3.68E-01	1.00E+00	-0.57	5.03E-01	9.10E-01
RECQL5	0.05	8.46E-01	1.00E+00	0.27	5.03E-01	9.10E-01
KIAA1210	1.00	6.64E-01	1.00E+00	-1.09	5.03E-01	9.10E-01
DMBX1	0.57	7.19E-01	1.00E+00	-1.22	5.03E-01	9.10E-01
CTSW	-0.81	1.69E-01	1.00E+00	1.78	5.03E-01	9.10E-01
MB21D2	-0.05	8.37E-01	1.00E+00	0.15	5.04E-01	9.10E-01
AC096586.2	-0.45	8.72E-01	1.00E+00	0.75	5.04E-01	9.10E-01
TM4SF1-AS1	0.52	7.41E-01	1.00E+00	-0.52	5.04E-01	9.10E-01
ZNF267	-0.41	2.43E-01	1.00E+00	0.13	5.04E-01	9.10E-01
PARP6	-0.07	7.99E-01	1.00E+00	0.25	5.04E-01	9.10E-01
PELI2	0.09	7.86E-01	1.00E+00	-0.24	5.04E-01	9.10E-01
C10orf71	-2.80	7.69E-02	1.00E+00	-0.80	5.04E-01	9.10E-01
ERCC5	-0.47	2.66E-01	1.00E+00	0.21	5.04E-01	9.10E-01
SNRPCP2	0.56	8.71E-01	1.00E+00	0.75	5.04E-01	9.10E-01
G39663	0.87	3.55E-01	1.00E+00	-0.48	5.04E-01	9.10E-01

XLOC_009475	0.62	7.04E-01	1.00E+00	-0.70	5.04E-01	9.10E-01
VGLL2	1.16	3.74E-01	1.00E+00	-1.71	5.04E-01	9.10E-01
MAMDC2	0.78	4.06E-02	1.00E+00	-0.33	5.04E-01	9.10E-01
AC022007.1	0.65	4.06E-01	1.00E+00	-0.47	5.04E-01	9.10E-01
FTH1P16	0.61	7.16E-01	1.00E+00	-0.39	5.04E-01	9.10E-01
HRC	0.23	6.65E-01	1.00E+00	1.37	5.04E-01	9.10E-01
LINC02302	-0.46	8.05E-01	1.00E+00	0.93	5.04E-01	9.10E-01
ZNF844	0.06	8.09E-01	1.00E+00	0.23	5.04E-01	9.10E-01
INKA2	0.97	4.20E-01	1.00E+00	0.36	5.04E-01	9.10E-01
AL049873.1	-1.54	2.91E-01	1.00E+00	-0.44	5.04E-01	9.10E-01
FRMD1	0.67	4.71E-01	1.00E+00	0.63	5.04E-01	9.10E-01
LRRC14	-0.22	3.15E-01	1.00E+00	0.17	5.04E-01	9.10E-01
MAPK1IP1L	-0.17	2.57E-01	1.00E+00	-0.17	5.04E-01	9.10E-01
AC073957.3	1.54	1.03E-01	1.00E+00	-0.75	5.04E-01	9.10E-01
PPM1J	-0.17	6.64E-01	1.00E+00	-0.26	5.05E-01	9.10E-01
XLOC_000133	-0.38	3.99E-01	1.00E+00	0.46	5.05E-01	9.10E-01
ANKRD20A11P	0.42	6.07E-01	1.00E+00	-0.59	5.05E-01	9.11E-01
HEYL	-0.48	1.30E-01	1.00E+00	0.41	5.05E-01	9.11E-01
AC006014.1	0.13	8.89E-01	1.00E+00	0.43	5.05E-01	9.11E-01
KLRA1P	-0.48	7.11E-01	1.00E+00	0.48	5.05E-01	9.11E-01
ZBTB49	-0.43	1.87E-01	1.00E+00	0.25	5.05E-01	9.11E-01
SFPQ	-0.20	3.84E-01	1.00E+00	-0.33	5.05E-01	9.11E-01
SEMA6A	0.16	7.36E-01	1.00E+00	0.20	5.05E-01	9.11E-01
TDRD1	1.73	1.39E-01	1.00E+00	-0.63	5.05E-01	9.11E-01
HAS1	-0.59	4.42E-01	1.00E+00	0.42	5.05E-01	9.11E-01
AL357093.2	-2.03	2.93E-01	1.00E+00	0.56	5.05E-01	9.11E-01
G33807	-1.68	3.34E-01	1.00E+00	0.82	5.05E-01	9.11E-01
MALT1	-0.17	5.93E-01	1.00E+00	-0.28	5.05E-01	9.11E-01
CFL1P1	0.38	4.16E-01	1.00E+00	-0.37	5.05E-01	9.11E-01
ZNF566	0.21	4.45E-01	1.00E+00	-0.19	5.06E-01	9.11E-01
CAPN8	-1.74	8.42E-02	1.00E+00	0.80	5.06E-01	9.11E-01
MMP17	0.20	6.61E-01	1.00E+00	0.57	5.06E-01	9.11E-01

KIAA1147	0.30	4.48E-01	1.00E+00	0.32	5.06E-01	9.11E-01
CNOT4	0.02	9.28E-01	1.00E+00	-0.17	5.06E-01	9.11E-01
AC114296.1	-0.38	2.76E-01	1.00E+00	0.57	5.06E-01	9.11E-01
ARID4A	0.09	6.37E-01	1.00E+00	-0.12	5.06E-01	9.11E-01
AL122020.1	-0.59	8.47E-01	1.00E+00	-2.09	5.06E-01	9.11E-01
CTB-178M22.2	-0.37	7.12E-01	1.00E+00	-0.54	5.06E-01	9.11E-01
UBL3	0.42	1.13E-01	1.00E+00	-0.15	5.06E-01	9.11E-01
PCDHB8	-1.95	7.85E-03	5.45E-01	-1.40	5.06E-01	9.11E-01
GOSR2	0.25	3.76E-01	1.00E+00	-0.14	5.06E-01	9.11E-01
AP005435.1	-1.28	7.75E-02	1.00E+00	-0.62	5.06E-01	9.11E-01
HMGNS	-0.09	8.00E-01	1.00E+00	-0.23	5.06E-01	9.11E-01
ALPK1	-0.14	4.44E-01	1.00E+00	0.14	5.06E-01	9.11E-01
HTR4	1.57	1.30E-01	1.00E+00	-0.94	5.06E-01	9.11E-01
C3orf14	-0.55	2.19E-02	8.96E-01	-0.28	5.06E-01	9.11E-01
STAP2	-0.31	4.49E-01	1.00E+00	0.28	5.06E-01	9.11E-01
SF3B5	-0.17	3.89E-01	1.00E+00	-0.11	5.06E-01	9.11E-01
TRA2A	0.03	8.97E-01	1.00E+00	-0.12	5.06E-01	9.11E-01
TRMT61A	-0.23	3.47E-01	1.00E+00	0.31	5.06E-01	9.11E-01
C1DP5	-2.07	4.80E-01	1.00E+00	1.11	5.06E-01	9.11E-01
DNAAF3	-3.69	6.03E-05	1.57E-02	0.34	5.06E-01	9.11E-01
JPH2	-0.30	6.64E-01	1.00E+00	-0.52	5.06E-01	9.11E-01
PIAS1	-0.05	8.08E-01	1.00E+00	-0.22	5.07E-01	9.11E-01
PSAT1	-0.07	8.60E-01	1.00E+00	-0.30	5.07E-01	9.11E-01
AL118516.1	-0.48	3.40E-01	1.00E+00	-0.30	5.07E-01	9.11E-01
ROBO1	-0.23	4.58E-01	1.00E+00	0.28	5.07E-01	9.11E-01
RIPK1	-0.07	7.50E-01	1.00E+00	0.26	5.07E-01	9.11E-01
NPM2	-0.50	3.68E-01	1.00E+00	-0.39	5.07E-01	9.11E-01
G32314	-1.32	3.45E-03	3.14E-01	0.48	5.07E-01	9.11E-01
CLU1	-0.70	8.41E-01	1.00E+00	1.11	5.07E-01	9.11E-01
TAOK2	-0.18	3.59E-01	1.00E+00	0.40	5.07E-01	9.11E-01
AL359955.1	2.90	1.67E-01	1.00E+00	-1.01	5.07E-01	9.11E-01
ELAC1	-0.05	8.28E-01	1.00E+00	-0.22	5.07E-01	9.11E-01

DNAJB12	-0.17	3.43E-01	1.00E+00	0.10	5.07E-01	9.11E-01
YJEFN3	-2.25	1.13E-01	1.00E+00	-0.64	5.07E-01	9.11E-01
NCK1	0.12	5.47E-01	1.00E+00	-0.18	5.07E-01	9.11E-01
CORO6	-0.80	6.65E-02	1.00E+00	0.50	5.07E-01	9.11E-01
KAT5	-0.28	1.67E-01	1.00E+00	0.13	5.07E-01	9.11E-01
TEAD1	0.12	5.93E-01	1.00E+00	0.22	5.07E-01	9.11E-01
GSTO2	-0.09	7.20E-01	1.00E+00	-0.34	5.07E-01	9.11E-01
RBM10	-0.06	7.89E-01	1.00E+00	0.21	5.07E-01	9.11E-01
UBXN2A	0.02	9.27E-01	1.00E+00	-0.13	5.07E-01	9.11E-01
INAFM2	0.06	8.22E-01	1.00E+00	0.42	5.07E-01	9.11E-01
HSP90B2P	-2.73	7.46E-02	1.00E+00	0.28	5.07E-01	9.11E-01
PSKH1	-0.05	8.16E-01	1.00E+00	0.36	5.07E-01	9.11E-01
C6	1.73	1.01E-01	1.00E+00	0.72	5.07E-01	9.11E-01
DIABLO	-0.81	3.33E-01	1.00E+00	0.36	5.07E-01	9.11E-01
IGSF11	0.12	8.16E-01	1.00E+00	0.50	5.07E-01	9.11E-01
CLEC10A	-0.52	3.32E-01	1.00E+00	0.43	5.07E-01	9.11E-01
SNHG1	0.28	4.13E-01	1.00E+00	0.31	5.07E-01	9.11E-01
TBC1D7	-0.16	4.82E-01	1.00E+00	-0.25	5.07E-01	9.11E-01
XLOC_011308	-0.41	7.68E-01	1.00E+00	1.11	5.08E-01	9.11E-01
RPS7	-0.16	6.27E-01	1.00E+00	0.15	5.08E-01	9.11E-01
ITFG1	0.00	9.79E-01	1.00E+00	-0.18	5.08E-01	9.11E-01
MSH5	2.79	2.85E-01	1.00E+00	0.58	5.08E-01	9.11E-01
RHOBTB1	0.42	2.02E-01	1.00E+00	0.41	5.08E-01	9.11E-01
GPX2	-0.40	1.14E-01	1.00E+00	0.30	5.08E-01	9.11E-01
MIR646HG	-0.35	7.25E-01	1.00E+00	-0.49	5.08E-01	9.11E-01
CASKIN2	-0.46	2.61E-02	9.44E-01	0.39	5.08E-01	9.11E-01
GTF2B	0.07	7.07E-01	1.00E+00	-0.14	5.08E-01	9.11E-01
YME1L1	0.01	9.75E-01	1.00E+00	-0.12	5.08E-01	9.11E-01
UBAP2L	-0.18	3.10E-01	1.00E+00	0.15	5.08E-01	9.11E-01
AC099850.1	0.10	8.47E-01	1.00E+00	-0.31	5.08E-01	9.11E-01
RPS26P3	2.09	1.15E-01	1.00E+00	0.49	5.08E-01	9.11E-01
BIRC6-AS2	-0.18	9.59E-01	1.00E+00	-0.89	5.08E-01	9.11E-01

AC023090.2	-1.73	5.28E-01	1.00E+00	0.81	5.08E-01	9.11E-01
PITPNC1	0.15	7.77E-01	1.00E+00	0.54	5.08E-01	9.11E-01
MOSPD1	0.16	6.42E-01	1.00E+00	-0.27	5.08E-01	9.11E-01
LEPROTL1	0.19	4.31E-01	1.00E+00	-0.16	5.08E-01	9.11E-01
VASN	0.00	9.90E-01	1.00E+00	0.45	5.08E-01	9.11E-01
FAM133DP	-0.79	1.61E-01	1.00E+00	-0.24	5.08E-01	9.11E-01
ITGAL	-0.66	3.08E-01	1.00E+00	2.07	5.08E-01	9.11E-01
LINC01894	0.76	7.69E-01	1.00E+00	-1.14	5.09E-01	9.11E-01
SLCO1C1	0.34	6.15E-01	1.00E+00	-0.53	5.09E-01	9.11E-01
LBX2-AS1	0.61	2.17E-01	1.00E+00	0.35	5.09E-01	9.11E-01
MAG	-3.81	1.25E-03	1.89E-01	-0.88	5.09E-01	9.11E-01
CNPY2	-1.01	1.29E-01	1.00E+00	-0.30	5.09E-01	9.11E-01
AC002454.1	2.65	7.27E-02	1.00E+00	-0.62	5.09E-01	9.11E-01
AC092070.2	-0.75	5.59E-02	1.00E+00	0.27	5.09E-01	9.11E-01
ZNF778	0.08	7.65E-01	1.00E+00	0.17	5.09E-01	9.11E-01
KCNRG	-2.36	1.64E-01	1.00E+00	-0.41	5.09E-01	9.11E-01
TNFSF9	-1.02	1.17E-01	1.00E+00	-0.63	5.09E-01	9.11E-01
MOXD1	0.03	9.53E-01	1.00E+00	0.33	5.09E-01	9.11E-01
FNDC11	-1.88	1.26E-01	1.00E+00	-0.76	5.09E-01	9.11E-01
YIPF1	0.16	4.40E-01	1.00E+00	-0.07	5.09E-01	9.11E-01
XLOC_001415	0.58	5.08E-01	1.00E+00	0.74	5.09E-01	9.12E-01
AC006042.2	0.48	8.76E-01	1.00E+00	0.39	5.09E-01	9.12E-01
ANP32A	0.10	7.36E-01	1.00E+00	0.17	5.09E-01	9.12E-01
PSMG1	0.15	5.51E-01	1.00E+00	-0.17	5.09E-01	9.12E-01
LMBRD1	0.28	1.92E-01	1.00E+00	-0.24	5.09E-01	9.12E-01
MUC7	-0.47	7.16E-01	1.00E+00	-0.57	5.09E-01	9.12E-01
CENPJ	-0.40	2.24E-01	1.00E+00	0.27	5.09E-01	9.12E-01
MYBL1	-0.22	6.21E-01	1.00E+00	-0.46	5.10E-01	9.12E-01
AL138724.1	-0.77	3.53E-01	1.00E+00	0.38	5.10E-01	9.12E-01
GRIK2	-0.20	6.16E-01	1.00E+00	-0.47	5.10E-01	9.12E-01
FAR1	0.10	7.59E-01	1.00E+00	-0.16	5.10E-01	9.12E-01
AC006252.1	-1.57	8.41E-02	1.00E+00	-0.68	5.10E-01	9.12E-01

ZNF248	0.43	2.47E-01	1.00E+00	-0.29	5.10E-01	9.12E-01
ACTN1-AS1	-1.00	7.69E-01	1.00E+00	-0.91	5.10E-01	9.12E-01
HDHD5-AS1	-0.18	8.79E-01	1.00E+00	-0.52	5.10E-01	9.12E-01
AL590428.1	-0.56	2.42E-01	1.00E+00	0.42	5.10E-01	9.12E-01
POMGNT1	-0.07	7.46E-01	1.00E+00	-0.30	5.10E-01	9.12E-01
CHRM5	-2.50	4.61E-02	1.00E+00	-0.82	5.10E-01	9.12E-01
ABCC6	1.96	5.48E-02	1.00E+00	-0.51	5.10E-01	9.12E-01
AC139795.3	0.57	5.70E-01	1.00E+00	-0.59	5.10E-01	9.12E-01
LDLRAD4	0.54	2.95E-01	1.00E+00	0.27	5.10E-01	9.12E-01
MAGED2	-0.16	5.23E-01	1.00E+00	0.12	5.10E-01	9.12E-01
DDX47	1.27	6.79E-01	1.00E+00	-0.86	5.10E-01	9.12E-01
HNRNPA1P35	0.40	7.67E-01	1.00E+00	-0.33	5.10E-01	9.12E-01
G39214	0.41	6.92E-01	1.00E+00	0.36	5.10E-01	9.12E-01
LINC00638	-0.79	2.64E-01	1.00E+00	-0.83	5.10E-01	9.12E-01
PRDM2	-0.23	2.54E-01	1.00E+00	0.21	5.10E-01	9.12E-01
DAG1	-0.12	5.65E-01	1.00E+00	0.21	5.10E-01	9.12E-01
SOD3	0.69	7.07E-02	1.00E+00	0.52	5.10E-01	9.12E-01
USHBP1	0.37	4.68E-01	1.00E+00	-0.48	5.10E-01	9.12E-01
UFC1	-0.08	7.72E-01	1.00E+00	-0.19	5.10E-01	9.12E-01
ARHGEF15	0.06	9.01E-01	1.00E+00	0.44	5.11E-01	9.12E-01
MICU1	0.02	9.27E-01	1.00E+00	0.13	5.11E-01	9.12E-01
SF3A2	-0.44	1.39E-01	1.00E+00	0.34	5.11E-01	9.12E-01
AC024293.1	-0.24	5.36E-01	1.00E+00	0.30	5.11E-01	9.12E-01
PRDM4	-0.11	5.80E-01	1.00E+00	0.28	5.11E-01	9.12E-01
BIRC6	-0.15	4.12E-01	1.00E+00	0.18	5.11E-01	9.12E-01
ATG5	0.24	2.40E-01	1.00E+00	-0.16	5.11E-01	9.12E-01
AC131009.1	-0.75	7.58E-01	1.00E+00	0.63	5.11E-01	9.12E-01
PTAR1	0.11	7.24E-01	1.00E+00	-0.12	5.11E-01	9.12E-01
CD200R1	-0.38	4.31E-01	1.00E+00	0.31	5.11E-01	9.12E-01
AL590399.1	0.71	5.68E-01	1.00E+00	-0.51	5.11E-01	9.12E-01
PDCD6IPP1	-2.12	3.06E-01	1.00E+00	0.40	5.11E-01	9.12E-01
ZNF789	0.05	8.62E-01	1.00E+00	-0.25	5.11E-01	9.12E-01

CTD-2145A24.3	0.32	8.33E-01	1.00E+00	-0.61	5.11E-01	9.12E-01
COX17P1	NA	NA	NA	-0.51	5.11E-01	9.12E-01
AL157400.3	0.63	6.98E-01	1.00E+00	-0.82	5.11E-01	9.12E-01
AC019171.1	3.16	3.44E-01	1.00E+00	0.67	5.11E-01	9.12E-01
AMH	-1.52	4.47E-01	1.00E+00	0.80	5.11E-01	9.12E-01
AL645504.1	-0.02	9.94E-01	1.00E+00	-0.97	5.11E-01	9.12E-01
BASP1-AS1	0.16	8.85E-01	1.00E+00	-0.93	5.11E-01	9.12E-01
AL109811.3	2.72	1.47E-01	1.00E+00	-0.42	5.11E-01	9.12E-01
ARHGAP5	-0.13	5.88E-01	1.00E+00	-0.15	5.11E-01	9.12E-01
PIH1D2	-0.33	5.12E-01	1.00E+00	-0.32	5.11E-01	9.12E-01
AL606763.1	-3.07	1.34E-01	1.00E+00	0.89	5.11E-01	9.12E-01
G26658	-0.26	8.60E-01	1.00E+00	-0.70	5.11E-01	9.12E-01
PTCD2	0.12	5.56E-01	1.00E+00	0.19	5.11E-01	9.12E-01
SIGLEC11	-2.36	6.43E-02	1.00E+00	1.03	5.12E-01	9.12E-01
TNFAIP2	-0.14	7.59E-01	1.00E+00	0.48	5.12E-01	9.12E-01
MSRA	-0.30	2.82E-01	1.00E+00	0.20	5.12E-01	9.12E-01
SMAGP	-0.34	2.75E-01	1.00E+00	-0.19	5.12E-01	9.12E-01
ERAP2	0.23	8.45E-01	1.00E+00	0.38	5.12E-01	9.12E-01
IGKV2D-28	4.11	1.01E-02	6.26E-01	2.07	5.12E-01	9.12E-01
PODXL	0.06	9.04E-01	1.00E+00	0.35	5.12E-01	9.12E-01
AFDN-DT	1.16	1.24E-01	1.00E+00	-0.25	5.12E-01	9.12E-01
RDH8	2.43	4.71E-01	1.00E+00	-1.26	5.12E-01	9.12E-01
C9orf16	-0.33	1.90E-01	1.00E+00	0.15	5.12E-01	9.12E-01
PLD5	0.36	6.98E-01	1.00E+00	-0.72	5.12E-01	9.12E-01
H1FX-AS1	-0.15	8.23E-01	1.00E+00	-0.34	5.12E-01	9.12E-01
XLOC_006941	-2.04	2.77E-01	1.00E+00	0.94	5.12E-01	9.12E-01
ASB14	0.67	5.00E-01	1.00E+00	0.29	5.12E-01	9.12E-01
EIF4A2P1	0.41	7.98E-01	1.00E+00	0.68	5.12E-01	9.12E-01
TUBB8P12	1.68	3.44E-01	1.00E+00	-0.61	5.12E-01	9.12E-01
FZD8	-0.40	3.84E-01	1.00E+00	0.56	5.12E-01	9.12E-01
HSPA14	-0.10	6.79E-01	1.00E+00	0.11	5.12E-01	9.12E-01
RSL24D1P6	-1.26	3.22E-01	1.00E+00	0.71	5.12E-01	9.12E-01

FAM83D	0.30	5.55E-01	1.00E+00	-0.38	5.12E-01	9.12E-01
TCTEX1D2	-1.22	4.63E-01	1.00E+00	-0.52	5.12E-01	9.12E-01
ACTA2-AS1	-1.81	5.86E-01	1.00E+00	0.56	5.12E-01	9.12E-01
GTPBP1	-0.26	2.85E-01	1.00E+00	0.38	5.13E-01	9.12E-01
ZNF770	0.04	9.02E-01	1.00E+00	-0.24	5.13E-01	9.12E-01
AC008440.1	0.39	8.39E-01	1.00E+00	0.73	5.13E-01	9.13E-01
MAGI2	0.07	8.55E-01	1.00E+00	-0.32	5.13E-01	9.13E-01
TDP2	0.02	8.98E-01	1.00E+00	0.11	5.13E-01	9.13E-01
PNKP	-0.22	4.17E-01	1.00E+00	0.18	5.13E-01	9.13E-01
DERA	-0.15	5.08E-01	1.00E+00	-0.21	5.13E-01	9.13E-01
LINC01208	-2.09	5.41E-01	1.00E+00	1.18	5.13E-01	9.13E-01
PDIA3	-0.06	7.23E-01	1.00E+00	0.08	5.13E-01	9.13E-01
AL133445.2	0.30	9.13E-01	1.00E+00	0.76	5.13E-01	9.13E-01
ZNF41	-0.21	2.33E-01	1.00E+00	-0.18	5.13E-01	9.13E-01
AC008494.1	-2.47	2.25E-01	1.00E+00	-0.77	5.13E-01	9.13E-01
AC004922.1	0.42	8.41E-01	1.00E+00	-0.87	5.13E-01	9.13E-01
XLOC_013770	-0.28	7.60E-01	1.00E+00	0.47	5.13E-01	9.13E-01
FLI1	0.25	5.70E-01	1.00E+00	0.40	5.13E-01	9.13E-01
AC092162.2	-1.34	2.60E-01	1.00E+00	0.73	5.13E-01	9.13E-01
ZNF24	0.07	7.09E-01	1.00E+00	0.09	5.13E-01	9.13E-01
ALOX12B	0.14	8.31E-01	1.00E+00	0.46	5.14E-01	9.13E-01
BUD13P1	-2.36	1.35E-01	1.00E+00	-0.98	5.14E-01	9.13E-01
PSMA3-AS1	0.11	6.28E-01	1.00E+00	-0.13	5.14E-01	9.13E-01
GABPB2	-0.05	8.42E-01	1.00E+00	-0.22	5.14E-01	9.13E-01
SLC38A4	-1.37	3.75E-03	3.33E-01	0.39	5.14E-01	9.13E-01
AC004908.3	-1.32	6.96E-01	1.00E+00	0.90	5.14E-01	9.13E-01
ZFP62	-0.26	2.53E-01	1.00E+00	-0.15	5.14E-01	9.13E-01
AKAP6	-0.67	7.66E-02	1.00E+00	-0.39	5.14E-01	9.14E-01
RPS20P14	0.22	7.98E-01	1.00E+00	-0.46	5.14E-01	9.14E-01
SPNS2	-0.04	9.23E-01	1.00E+00	0.35	5.14E-01	9.14E-01
PHF7	-0.04	8.86E-01	1.00E+00	-0.21	5.14E-01	9.14E-01
SLC9A2	-0.80	2.49E-01	1.00E+00	-0.56	5.14E-01	9.14E-01

RNASEL	0.05	8.77E-01	1.00E+00	0.19	5.14E-01	9.14E-01
STAT6	-0.16	5.09E-01	1.00E+00	0.26	5.14E-01	9.14E-01
MYO18A	-0.40	1.90E-01	1.00E+00	0.41	5.14E-01	9.14E-01
ARRDC3	0.41	4.99E-02	1.00E+00	0.21	5.14E-01	9.14E-01
CAB39	-0.13	6.19E-01	1.00E+00	-0.25	5.14E-01	9.14E-01
ANTXR2	0.71	7.76E-02	1.00E+00	0.38	5.14E-01	9.14E-01
DDX11	0.41	2.10E-01	1.00E+00	0.30	5.15E-01	9.14E-01
VSTM2L	-0.75	4.68E-02	1.00E+00	0.55	5.15E-01	9.14E-01
AL591438.2	-0.72	8.35E-01	1.00E+00	0.81	5.15E-01	9.14E-01
CLDN19	-0.36	6.60E-01	1.00E+00	-0.87	5.15E-01	9.14E-01
ADGRG6	0.30	3.63E-01	1.00E+00	-0.28	5.15E-01	9.14E-01
MCOLN2	-0.37	6.55E-01	1.00E+00	0.61	5.15E-01	9.14E-01
HIGD1AP1	-0.81	8.14E-01	1.00E+00	0.53	5.15E-01	9.14E-01
LCMT1-AS2	0.16	8.98E-01	1.00E+00	0.93	5.15E-01	9.14E-01
MAGT1	0.02	9.10E-01	1.00E+00	0.17	5.15E-01	9.14E-01
CRIP1	0.56	3.95E-01	1.00E+00	0.33	5.15E-01	9.14E-01
ERICH1	-0.22	3.85E-01	1.00E+00	0.13	5.15E-01	9.14E-01
G34413	-0.29	8.05E-01	1.00E+00	-0.49	5.15E-01	9.14E-01
AP001877.1	-0.81	2.81E-01	1.00E+00	0.30	5.15E-01	9.14E-01
ZNF821	-0.52	4.15E-01	1.00E+00	-0.21	5.15E-01	9.14E-01
AL731533.2	-1.97	5.09E-01	1.00E+00	-0.98	5.16E-01	9.14E-01
G29539	1.16	2.43E-01	1.00E+00	0.73	5.16E-01	9.14E-01
EIF4E	0.09	7.08E-01	1.00E+00	-0.18	5.16E-01	9.14E-01
FLRT2	0.24	5.65E-01	1.00E+00	0.24	5.16E-01	9.14E-01
INAVA	-0.26	5.49E-01	1.00E+00	-0.42	5.16E-01	9.14E-01
LAMTOR3	0.29	8.66E-02	1.00E+00	-0.21	5.16E-01	9.14E-01
OR2A20P	0.51	3.84E-01	1.00E+00	-0.32	5.16E-01	9.14E-01
LINC01088	-0.99	3.01E-01	1.00E+00	-0.52	5.16E-01	9.14E-01
AC010359.1	-1.53	3.16E-01	1.00E+00	-0.84	5.16E-01	9.14E-01
THRA	-0.09	7.71E-01	1.00E+00	0.34	5.16E-01	9.14E-01
PIGL	-0.36	1.70E-01	1.00E+00	-0.17	5.16E-01	9.14E-01
DYNLT1	-0.15	4.44E-01	1.00E+00	0.15	5.16E-01	9.14E-01

PRKCH	0.36	6.85E-02	1.00E+00	0.11	5.16E-01	9.15E-01
RBM41	-0.18	4.44E-01	1.00E+00	-0.16	5.16E-01	9.15E-01
AL359710.1	1.68	1.52E-01	1.00E+00	-0.44	5.16E-01	9.15E-01
TMEM238	-0.19	5.74E-01	1.00E+00	-0.67	5.16E-01	9.15E-01
AL133523.1	-1.21	4.66E-01	1.00E+00	-0.51	5.16E-01	9.15E-01
KLF6	0.23	4.05E-01	1.00E+00	0.15	5.16E-01	9.15E-01
MDM1	0.22	4.73E-01	1.00E+00	-0.27	5.16E-01	9.15E-01
RTN2	-0.47	4.36E-02	1.00E+00	0.15	5.17E-01	9.15E-01
ARHGEF33	0.09	9.30E-01	1.00E+00	-0.56	5.17E-01	9.15E-01
WNK1	-0.22	3.68E-01	1.00E+00	0.24	5.17E-01	9.15E-01
XCR1	0.10	8.76E-01	1.00E+00	0.43	5.17E-01	9.15E-01
AC114341.1	-2.07	1.32E-01	1.00E+00	0.70	5.17E-01	9.15E-01
RIMKLB	0.19	5.67E-01	1.00E+00	0.18	5.17E-01	9.15E-01
SDHAP1	0.09	8.46E-01	1.00E+00	0.22	5.17E-01	9.15E-01
FMO3	-0.55	3.27E-01	1.00E+00	0.54	5.17E-01	9.15E-01
AC244034.3	-0.11	9.74E-01	1.00E+00	1.04	5.17E-01	9.15E-01
BIK	-0.02	9.74E-01	1.00E+00	0.33	5.17E-01	9.15E-01
AC021016.2	-0.04	8.82E-01	1.00E+00	0.32	5.17E-01	9.15E-01
HHATL	-1.88	3.13E-02	1.00E+00	-0.74	5.17E-01	9.15E-01
HMGNA4	0.03	8.81E-01	1.00E+00	-0.09	5.17E-01	9.15E-01
G39184	-0.17	9.61E-01	1.00E+00	-0.87	5.17E-01	9.15E-01
C19orf47	-0.49	2.66E-02	9.50E-01	0.26	5.17E-01	9.15E-01
LINC01569	-0.11	8.18E-01	1.00E+00	-0.44	5.17E-01	9.15E-01
XLOC_003985	0.23	9.33E-01	1.00E+00	-0.79	5.17E-01	9.15E-01
GLRX2	0.24	2.09E-01	1.00E+00	-0.20	5.17E-01	9.15E-01
ATP5MC2	-0.16	3.67E-01	1.00E+00	-0.19	5.17E-01	9.15E-01
EGFR	-0.19	4.33E-01	1.00E+00	-0.21	5.17E-01	9.15E-01
CRLF3	0.39	2.17E-01	1.00E+00	0.19	5.18E-01	9.15E-01
HCCS	0.09	6.56E-01	1.00E+00	-0.16	5.18E-01	9.16E-01
SNTA1	-0.11	7.38E-01	1.00E+00	-0.40	5.18E-01	9.16E-01
CHIT1	0.27	8.35E-01	1.00E+00	2.03	5.18E-01	9.16E-01
G31837	0.04	9.78E-01	1.00E+00	-0.53	5.18E-01	9.16E-01

AC126175.1	-0.41	7.92E-01	1.00E+00	0.79	5.18E-01	9.16E-01
AC006077.2	-0.17	9.01E-01	1.00E+00	-0.49	5.18E-01	9.16E-01
MYEOV	0.34	5.85E-01	1.00E+00	-0.40	5.18E-01	9.16E-01
SLAMF6	-1.39	1.23E-01	1.00E+00	2.03	5.18E-01	9.16E-01
OMG	-0.37	7.26E-01	1.00E+00	0.69	5.18E-01	9.16E-01
AC011330.2	-0.07	9.24E-01	1.00E+00	-0.84	5.18E-01	9.16E-01
RIBC1	-0.36	3.04E-01	1.00E+00	-0.29	5.18E-01	9.16E-01
ANKRD29	0.07	8.74E-01	1.00E+00	-0.34	5.18E-01	9.16E-01
HNRNPA1P27	0.27	7.20E-01	1.00E+00	0.41	5.18E-01	9.16E-01
NHLRC4	0.34	6.43E-01	1.00E+00	0.73	5.18E-01	9.16E-01
AC117395.1	0.29	7.78E-01	1.00E+00	0.77	5.18E-01	9.16E-01
METTL2A	-0.22	3.82E-01	1.00E+00	0.18	5.18E-01	9.16E-01
XLOC_000152	-1.60	3.33E-01	1.00E+00	0.68	5.18E-01	9.16E-01
TIMM8BP2	0.56	8.71E-01	1.00E+00	-0.62	5.19E-01	9.16E-01
BNIP3P1	-0.36	8.31E-01	1.00E+00	-0.45	5.19E-01	9.16E-01
RABGGTB	0.37	2.18E-01	1.00E+00	0.14	5.19E-01	9.16E-01
PNPLA2	0.86	1.49E-01	1.00E+00	-0.37	5.19E-01	9.16E-01
MYH2	3.15	5.19E-02	1.00E+00	-1.08	5.19E-01	9.16E-01
RAB15	-0.62	2.61E-02	9.44E-01	0.43	5.19E-01	9.16E-01
AC009962.1	-0.52	3.47E-01	1.00E+00	0.47	5.19E-01	9.16E-01
AL078459.1	-1.45	3.65E-01	1.00E+00	0.41	5.19E-01	9.16E-01
XLOC_013235	0.35	6.78E-01	1.00E+00	0.58	5.19E-01	9.16E-01
PI4KB	-0.15	3.98E-01	1.00E+00	0.16	5.19E-01	9.16E-01
SLC38A10	-0.16	6.53E-01	1.00E+00	0.41	5.19E-01	9.16E-01
DPF2	0.07	7.30E-01	1.00E+00	0.13	5.19E-01	9.16E-01
CACNB1	-0.26	5.20E-01	1.00E+00	-0.44	5.19E-01	9.16E-01
IL1F10	-0.02	9.77E-01	1.00E+00	0.44	5.19E-01	9.16E-01
EXOSC10	-0.13	4.85E-01	1.00E+00	0.12	5.19E-01	9.16E-01
PMS2P2	1.26	3.41E-01	1.00E+00	-0.37	5.19E-01	9.16E-01
LONP1	-0.13	5.52E-01	1.00E+00	0.35	5.19E-01	9.16E-01
POP1	-0.07	8.30E-01	1.00E+00	0.26	5.19E-01	9.16E-01
AL049775.1	-1.82	1.45E-01	1.00E+00	0.45	5.19E-01	9.16E-01

MCF2L	0.18	2.98E-01	1.00E+00	-0.34	5.19E-01	9.16E-01
SPTBN5	-0.48	3.91E-01	1.00E+00	0.42	5.19E-01	9.16E-01
AP002800.1	-0.56	4.54E-01	1.00E+00	0.45	5.19E-01	9.16E-01
RABGEF1	-0.35	2.73E-01	1.00E+00	0.24	5.19E-01	9.16E-01
AC007389.1	0.01	9.97E-01	1.00E+00	0.78	5.19E-01	9.16E-01
TCF21	-3.50	4.56E-02	1.00E+00	-0.87	5.19E-01	9.16E-01
PFKM	0.07	8.07E-01	1.00E+00	0.23	5.19E-01	9.16E-01
DAPK2	-0.12	7.37E-01	1.00E+00	-0.26	5.20E-01	9.16E-01
MIR1245A	0.03	9.93E-01	1.00E+00	0.84	5.20E-01	9.16E-01
VAPB	0.33	3.71E-01	1.00E+00	-0.11	5.20E-01	9.16E-01
ASB16-AS1	-0.13	7.63E-01	1.00E+00	-0.23	5.20E-01	9.16E-01
PER1	-1.02	9.46E-02	1.00E+00	-0.36	5.20E-01	9.16E-01
AC012617.1	1.38	4.76E-01	1.00E+00	-0.79	5.20E-01	9.16E-01
SLC46A1	0.56	4.41E-01	1.00E+00	0.30	5.20E-01	9.16E-01
RPL41P2	-0.59	4.07E-01	1.00E+00	-0.39	5.20E-01	9.16E-01
ANXA6	0.51	3.27E-01	1.00E+00	0.30	5.20E-01	9.16E-01
METTL21A	-0.09	7.76E-01	1.00E+00	-0.17	5.20E-01	9.16E-01
CNN2P9	-2.16	9.06E-02	1.00E+00	-1.06	5.20E-01	9.16E-01
C1orf105	-3.18	1.56E-02	7.78E-01	-0.70	5.20E-01	9.16E-01
FAM153A	0.83	2.40E-01	1.00E+00	-0.44	5.20E-01	9.16E-01
KDR	0.41	4.50E-01	1.00E+00	0.40	5.20E-01	9.16E-01
ZDHHC16	0.09	6.63E-01	1.00E+00	-0.26	5.20E-01	9.17E-01
FOXC1	-0.46	2.98E-01	1.00E+00	0.32	5.20E-01	9.17E-01
WDR53	0.16	6.34E-01	1.00E+00	-0.14	5.20E-01	9.17E-01
EID3	-0.32	3.72E-01	1.00E+00	0.25	5.20E-01	9.17E-01
MPHOSPH10	-0.30	4.25E-02	1.00E+00	-0.11	5.21E-01	9.17E-01
TPM3P6	-0.32	7.54E-01	1.00E+00	-0.28	5.21E-01	9.17E-01
WDR44	0.28	2.79E-01	1.00E+00	-0.20	5.21E-01	9.17E-01
STEAP4	0.64	9.67E-02	1.00E+00	-0.32	5.21E-01	9.17E-01
PHKA1	-0.06	7.77E-01	1.00E+00	-0.50	5.21E-01	9.17E-01
ERV3-1	-0.59	3.02E-01	1.00E+00	-0.38	5.21E-01	9.17E-01
ZNF174	-0.19	4.74E-01	1.00E+00	-0.25	5.21E-01	9.17E-01

NFKBIE	-0.23	4.02E-01	1.00E+00	0.40	5.21E-01	9.17E-01
NETO2	-2.18	1.26E-04	2.99E-02	0.59	5.21E-01	9.17E-01
DHRS1	-0.53	8.76E-02	1.00E+00	-0.18	5.21E-01	9.17E-01
PACRGL	-0.06	7.94E-01	1.00E+00	-0.21	5.21E-01	9.17E-01
ERAL1	-0.11	5.50E-01	1.00E+00	-0.14	5.21E-01	9.17E-01
RPL23AP32	1.68	3.65E-01	1.00E+00	-0.82	5.21E-01	9.17E-01
HAUS7	-2.67	1.10E-01	1.00E+00	0.55	5.21E-01	9.17E-01
NUDT10	0.02	9.74E-01	1.00E+00	-0.47	5.21E-01	9.17E-01
KIF22	-0.25	4.20E-01	1.00E+00	-0.21	5.21E-01	9.17E-01
EDF1	-0.10	6.44E-01	1.00E+00	0.11	5.21E-01	9.17E-01
INHBB	0.51	3.03E-01	1.00E+00	0.35	5.21E-01	9.17E-01
ABCA8	0.75	1.81E-01	1.00E+00	0.35	5.22E-01	9.17E-01
RASSF5	-0.36	3.92E-01	1.00E+00	0.28	5.22E-01	9.17E-01
RBMS3-AS3	-0.53	5.54E-01	1.00E+00	-0.70	5.22E-01	9.17E-01
AL591848.4	0.04	9.63E-01	1.00E+00	0.79	5.22E-01	9.17E-01
JAG2	-0.29	2.18E-01	1.00E+00	-0.34	5.22E-01	9.17E-01
UGT1A7	-1.29	2.63E-01	1.00E+00	0.60	5.22E-01	9.17E-01
ZNF738	0.37	4.67E-01	1.00E+00	-0.29	5.22E-01	9.17E-01
LSS	0.22	2.40E-01	1.00E+00	-0.21	5.22E-01	9.17E-01
DYRK2	-0.18	4.02E-01	1.00E+00	0.30	5.22E-01	9.17E-01
RP11-343N15.5	0.39	2.74E-01	1.00E+00	-0.21	5.22E-01	9.17E-01
C3orf38	-0.13	6.31E-01	1.00E+00	-0.10	5.22E-01	9.17E-01
GDAP2	0.44	3.16E-02	1.00E+00	-0.15	5.22E-01	9.17E-01
URB2	-0.24	4.57E-01	1.00E+00	0.29	5.22E-01	9.17E-01
AL669831.3	-3.21	3.78E-02	1.00E+00	-0.41	5.22E-01	9.17E-01
KRT79	-0.06	9.57E-01	1.00E+00	-0.57	5.22E-01	9.17E-01
BCDIN3D-AS1	-0.32	7.98E-01	1.00E+00	-0.79	5.22E-01	9.17E-01
ISCA1	0.15	5.25E-01	1.00E+00	-0.18	5.22E-01	9.17E-01
KRT15	0.27	4.72E-01	1.00E+00	-0.36	5.22E-01	9.17E-01
TPRG1L	-0.01	9.50E-01	1.00E+00	-0.27	5.22E-01	9.17E-01
GLYATL2	1.49	1.09E-01	1.00E+00	0.44	5.23E-01	9.17E-01
PDIK1L	0.05	8.86E-01	1.00E+00	-0.20	5.23E-01	9.17E-01

NKRF	-0.18	4.42E-01	1.00E+00	0.19	5.23E-01	9.17E-01
HCAR3	-0.26	7.34E-01	1.00E+00	0.37	5.23E-01	9.17E-01
EPHA1	-0.15	7.56E-01	1.00E+00	0.38	5.23E-01	9.17E-01
PKD1P6-NPIPP1	-3.46	3.19E-03	2.97E-01	0.73	5.23E-01	9.17E-01
AC009299.3	2.14	3.77E-01	1.00E+00	-0.58	5.23E-01	9.17E-01
COG2	-0.02	9.18E-01	1.00E+00	0.10	5.23E-01	9.17E-01
PLCB2	-0.36	4.74E-01	1.00E+00	2.00	5.23E-01	9.17E-01
KEL	-1.33	1.96E-01	1.00E+00	0.65	5.23E-01	9.17E-01
MAD2L2	-0.34	3.07E-02	1.00E+00	0.10	5.23E-01	9.17E-01
PMVK	-0.09	7.33E-01	1.00E+00	-0.15	5.23E-01	9.17E-01
MTX1	-0.03	8.87E-01	1.00E+00	0.11	5.23E-01	9.17E-01
AK3P3	0.82	3.51E-01	1.00E+00	0.51	5.23E-01	9.17E-01
DIP2C	0.49	3.22E-01	1.00E+00	0.26	5.23E-01	9.17E-01
TPM3P9	0.29	3.24E-01	1.00E+00	-0.23	5.23E-01	9.17E-01
HNRNPLP2	0.49	6.22E-01	1.00E+00	0.34	5.23E-01	9.17E-01
C2orf48	0.68	6.62E-01	1.00E+00	0.77	5.23E-01	9.17E-01
CCHCR1	-0.04	8.57E-01	1.00E+00	0.14	5.23E-01	9.17E-01
HECW1	-0.56	5.68E-01	1.00E+00	0.69	5.23E-01	9.17E-01
PRIMA1	0.13	7.50E-01	1.00E+00	0.42	5.23E-01	9.17E-01
EIF4A1P10	0.54	4.85E-01	1.00E+00	0.37	5.23E-01	9.17E-01
TYMS	-0.38	5.14E-01	1.00E+00	0.20	5.23E-01	9.17E-01
LINC00339	0.92	4.59E-01	1.00E+00	0.63	5.23E-01	9.17E-01
PI3	-0.55	2.99E-01	1.00E+00	1.99	5.23E-01	9.17E-01
AC012158.1	0.30	8.13E-01	1.00E+00	-0.44	5.23E-01	9.17E-01
RNF212B	-2.21	1.46E-01	1.00E+00	0.78	5.23E-01	9.17E-01
AC092115.1	-0.26	8.55E-01	1.00E+00	-0.30	5.23E-01	9.17E-01
ZNF154	-0.28	7.64E-01	1.00E+00	0.45	5.24E-01	9.17E-01
AL353708.1	-2.19	8.76E-02	1.00E+00	-0.60	5.24E-01	9.17E-01
WDR49	-2.26	3.12E-01	1.00E+00	-0.80	5.24E-01	9.17E-01
TOMM34	-0.16	4.71E-01	1.00E+00	-0.12	5.24E-01	9.17E-01
KRT75	-0.59	8.23E-01	1.00E+00	1.99	5.24E-01	9.17E-01
AL031282.1	2.15	2.91E-01	1.00E+00	0.66	5.24E-01	9.17E-01

GUCY1A2	-0.55	3.43E-01	1.00E+00	0.33	5.24E-01	9.17E-01
BTF3	-0.19	4.65E-01	1.00E+00	0.11	5.24E-01	9.17E-01
ZFYVE16	0.00	9.94E-01	1.00E+00	-0.13	5.24E-01	9.17E-01
QPCT	0.14	6.34E-01	1.00E+00	0.24	5.24E-01	9.17E-01
DAXX	0.03	8.80E-01	1.00E+00	0.10	5.24E-01	9.17E-01
ZNF23	0.24	7.60E-01	1.00E+00	-0.45	5.24E-01	9.17E-01
Z97192.2	-0.14	9.23E-01	1.00E+00	1.23	5.24E-01	9.17E-01
ZKSCAN4	0.14	6.32E-01	1.00E+00	0.28	5.24E-01	9.17E-01
ATP6V1G1	0.05	7.84E-01	1.00E+00	-0.20	5.24E-01	9.17E-01
XLOC_004501	0.90	2.75E-01	1.00E+00	-0.50	5.24E-01	9.17E-01
HERC2P4	1.08	5.51E-01	1.00E+00	0.77	5.24E-01	9.17E-01
RABEP1	0.07	8.31E-01	1.00E+00	0.14	5.24E-01	9.17E-01
ZNF845	-0.16	5.96E-01	1.00E+00	0.21	5.24E-01	9.17E-01
PDE5A	0.25	6.48E-01	1.00E+00	0.27	5.24E-01	9.17E-01
NAPA-AS1	0.83	4.94E-01	1.00E+00	0.45	5.24E-01	9.17E-01
RPSA	-0.15	5.07E-01	1.00E+00	0.22	5.24E-01	9.17E-01
XLOC_011623	-0.75	4.03E-01	1.00E+00	0.48	5.24E-01	9.18E-01
CDC34	0.04	8.97E-01	1.00E+00	-0.47	5.24E-01	9.18E-01
STXBP1	-0.23	5.67E-01	1.00E+00	-0.25	5.25E-01	9.18E-01
TMEM67	0.28	3.75E-01	1.00E+00	0.21	5.25E-01	9.18E-01
EVI5L	-0.55	5.53E-02	1.00E+00	0.42	5.25E-01	9.18E-01
AL133467.1	0.17	8.23E-01	1.00E+00	0.43	5.25E-01	9.18E-01
TRIM29	-0.33	4.50E-01	1.00E+00	-0.35	5.25E-01	9.18E-01
KIF20B	-0.16	5.75E-01	1.00E+00	-0.22	5.25E-01	9.18E-01
ATP6V1E1	0.08	6.03E-01	1.00E+00	0.08	5.25E-01	9.18E-01
H2AFZ	-0.01	9.78E-01	1.00E+00	-0.27	5.25E-01	9.18E-01
TAF5L	0.13	4.94E-01	1.00E+00	0.42	5.25E-01	9.18E-01
CCDC33	-0.29	9.33E-01	1.00E+00	-0.72	5.25E-01	9.18E-01
POLR3H	-0.31	1.77E-01	1.00E+00	0.16	5.25E-01	9.18E-01
UBB	-0.01	9.64E-01	1.00E+00	0.20	5.25E-01	9.18E-01
RBBP8	-0.10	6.49E-01	1.00E+00	0.15	5.25E-01	9.18E-01
BACE1-AS	0.40	6.66E-01	1.00E+00	0.38	5.25E-01	9.18E-01

TTC28-AS1	0.01	9.68E-01	1.00E+00	0.16	5.25E-01	9.18E-01
Z83843.1	0.00	9.98E-01	1.00E+00	-0.48	5.25E-01	9.18E-01
JUNB	-1.21	1.24E-01	1.00E+00	-0.34	5.25E-01	9.18E-01
AL359752.1	1.04	2.10E-03	2.39E-01	0.38	5.25E-01	9.18E-01
MROH6	-0.03	9.49E-01	1.00E+00	0.39	5.25E-01	9.18E-01
AL662795.2	0.31	2.96E-01	1.00E+00	0.36	5.26E-01	9.18E-01
XLOC_006188	0.02	9.83E-01	1.00E+00	-0.52	5.26E-01	9.18E-01
EEF1DP5	2.62	3.24E-01	1.00E+00	-1.03	5.26E-01	9.18E-01
AC073257.2	-0.85	5.82E-01	1.00E+00	-0.84	5.26E-01	9.18E-01
TBX18	0.49	2.51E-01	1.00E+00	0.31	5.26E-01	9.18E-01
POLR1A	-0.26	2.38E-01	1.00E+00	0.36	5.26E-01	9.18E-01
AC007387.1	1.38	6.90E-01	1.00E+00	-0.66	5.26E-01	9.18E-01
SLITRK6	0.12	6.53E-01	1.00E+00	-0.36	5.26E-01	9.18E-01
KPNA4	0.01	9.44E-01	1.00E+00	-0.12	5.26E-01	9.18E-01
ZFP36	-2.00	2.51E-02	9.28E-01	-0.39	5.26E-01	9.19E-01
AC010761.3	-0.44	8.30E-01	1.00E+00	-0.85	5.26E-01	9.19E-01
ELP2	0.17	3.45E-01	1.00E+00	-0.10	5.26E-01	9.19E-01
LRRFIP1	-0.27	1.38E-01	1.00E+00	0.14	5.26E-01	9.19E-01
SLC26A5	-1.05	3.60E-01	1.00E+00	0.55	5.26E-01	9.19E-01
LINC00652	-0.23	8.71E-01	1.00E+00	0.82	5.26E-01	9.19E-01
AC139491.7	0.98	3.65E-01	1.00E+00	0.60	5.26E-01	9.19E-01
AC133552.2	-0.22	6.93E-01	1.00E+00	-0.33	5.26E-01	9.19E-01
PLPPR2	-0.39	1.26E-01	1.00E+00	0.28	5.26E-01	9.19E-01
MT-RNR1	0.03	9.33E-01	1.00E+00	-0.22	5.26E-01	9.19E-01
TESMIN	-0.23	5.70E-01	1.00E+00	0.38	5.26E-01	9.19E-01
AP001065.1	0.13	8.60E-01	1.00E+00	0.65	5.26E-01	9.19E-01
NLRP1	-0.22	3.46E-01	1.00E+00	0.22	5.27E-01	9.19E-01
ABCB11	-1.75	9.39E-02	1.00E+00	0.71	5.27E-01	9.19E-01
EDEM3	0.25	3.72E-01	1.00E+00	0.18	5.27E-01	9.19E-01
SAPCD2	-0.69	2.46E-02	9.27E-01	-0.40	5.27E-01	9.19E-01
PLEKHG1	-0.33	2.57E-01	1.00E+00	0.22	5.27E-01	9.19E-01
SNHG19	0.09	8.39E-01	1.00E+00	-0.27	5.27E-01	9.19E-01

SPTSSA	-0.02	9.03E-01	1.00E+00	-0.22	5.27E-01	9.19E-01
IGKV1-16	1.60	6.38E-01	1.00E+00	1.44	5.27E-01	9.19E-01
GCSAML	0.98	1.89E-01	1.00E+00	-0.49	5.27E-01	9.19E-01
HSPA12B	-0.13	7.77E-01	1.00E+00	0.34	5.27E-01	9.19E-01
MADD	0.06	7.32E-01	1.00E+00	0.24	5.27E-01	9.19E-01
POLDIP2	-0.05	7.79E-01	1.00E+00	-0.16	5.27E-01	9.19E-01
AL136295.7	0.24	6.70E-01	1.00E+00	-0.34	5.27E-01	9.19E-01
PRKAB2	0.54	1.19E-01	1.00E+00	-0.18	5.27E-01	9.19E-01
MRPS31P4	-0.03	9.79E-01	1.00E+00	0.33	5.27E-01	9.19E-01
PKDCC	0.72	2.61E-01	1.00E+00	0.49	5.27E-01	9.19E-01
RDH13	-0.20	6.01E-01	1.00E+00	0.22	5.27E-01	9.19E-01
PLS3	0.05	8.44E-01	1.00E+00	-0.14	5.27E-01	9.19E-01
G25699	-0.67	2.97E-01	1.00E+00	-0.38	5.27E-01	9.19E-01
DCAF4	0.12	6.58E-01	1.00E+00	-0.17	5.27E-01	9.19E-01
DNP1	0.26	3.46E-01	1.00E+00	0.18	5.27E-01	9.19E-01
RP11-337C18.9	-0.28	7.96E-01	1.00E+00	-0.53	5.27E-01	9.19E-01
RFC4	0.04	8.90E-01	1.00E+00	0.17	5.27E-01	9.19E-01
SLC16A9	-1.32	1.87E-02	8.59E-01	1.51	5.27E-01	9.19E-01
CENPS	-1.06	3.88E-01	1.00E+00	-0.40	5.27E-01	9.19E-01
ZNF554	-0.13	6.82E-01	1.00E+00	-0.33	5.27E-01	9.19E-01
AC117409.1	NA	NA	NA	-0.52	5.27E-01	9.19E-01
MPDU1	-0.11	6.38E-01	1.00E+00	0.14	5.27E-01	9.19E-01
GUSB	0.13	6.01E-01	1.00E+00	0.16	5.28E-01	9.19E-01
AGPAT5	-0.08	7.69E-01	1.00E+00	0.13	5.28E-01	9.19E-01
THNSL2	-0.43	4.29E-01	1.00E+00	0.28	5.28E-01	9.19E-01
CELF2	0.62	1.39E-01	1.00E+00	0.22	5.28E-01	9.19E-01
CD320	0.22	6.59E-01	1.00E+00	-0.27	5.28E-01	9.19E-01
BORCS8	-0.51	1.75E-01	1.00E+00	-0.17	5.28E-01	9.19E-01
HSD3BP5	-0.11	8.89E-01	1.00E+00	0.42	5.28E-01	9.19E-01
TESK2	-0.04	8.58E-01	1.00E+00	0.19	5.28E-01	9.19E-01
SLC25A21	-0.86	4.65E-01	1.00E+00	-0.43	5.28E-01	9.19E-01
ZNF774	-0.26	4.94E-01	1.00E+00	0.29	5.28E-01	9.19E-01

PRPF38A	0.21	3.03E-01	1.00E+00	-0.09	5.28E-01	9.19E-01
VSTM4	0.33	4.14E-01	1.00E+00	0.31	5.28E-01	9.19E-01
FAM160B2	-0.40	1.52E-01	1.00E+00	0.37	5.28E-01	9.19E-01
MYBPH	3.58	2.87E-01	1.00E+00	1.22	5.28E-01	9.19E-01
SYT8	-1.29	1.95E-02	8.74E-01	-0.50	5.28E-01	9.19E-01
HMGB1P31	1.16	1.23E-01	1.00E+00	-0.51	5.28E-01	9.19E-01
RP11-436G20.1	0.19	8.84E-01	1.00E+00	-0.44	5.28E-01	9.19E-01
CD164L2	-0.27	5.41E-01	1.00E+00	0.31	5.28E-01	9.19E-01
FXYD7	-1.34	2.52E-01	1.00E+00	0.46	5.28E-01	9.19E-01
AC084824.1	-0.21	8.39E-01	1.00E+00	0.33	5.28E-01	9.19E-01
CHODL-AS1	0.49	7.58E-01	1.00E+00	1.13	5.28E-01	9.19E-01
PAPOLA	-0.05	8.04E-01	1.00E+00	0.13	5.28E-01	9.19E-01
EGR3	-0.25	6.59E-01	1.00E+00	-0.30	5.28E-01	9.19E-01
IGKV1D-12	1.97	4.75E-01	1.00E+00	2.01	5.28E-01	9.19E-01
SMARCC1	-0.09	7.01E-01	1.00E+00	-0.21	5.28E-01	9.19E-01
EZR	-0.19	6.42E-01	1.00E+00	0.21	5.29E-01	9.19E-01
SNW1	-0.11	5.17E-01	1.00E+00	-0.16	5.29E-01	9.19E-01
PIGHP1	-1.25	4.35E-01	1.00E+00	-0.48	5.29E-01	9.19E-01
SNX33	-0.13	5.69E-01	1.00E+00	0.33	5.29E-01	9.19E-01
RNF19B	-0.35	1.14E-01	1.00E+00	0.40	5.29E-01	9.19E-01
ATP6V1G2	0.06	9.86E-01	1.00E+00	-0.59	5.29E-01	9.19E-01
SLC30A10	-1.02	3.97E-01	1.00E+00	0.74	5.29E-01	9.19E-01
C2CD4C	-0.31	7.07E-01	1.00E+00	0.79	5.29E-01	9.19E-01
PLEKHD1	0.23	7.74E-01	1.00E+00	-0.48	5.29E-01	9.19E-01
PSD4	-0.35	1.84E-01	1.00E+00	0.28	5.29E-01	9.19E-01
AC138028.6	-0.89	5.43E-01	1.00E+00	1.10	5.29E-01	9.19E-01
AC040160.2	1.43	2.17E-01	1.00E+00	0.76	5.29E-01	9.19E-01
MRPL46	0.62	5.16E-01	1.00E+00	0.43	5.29E-01	9.19E-01
ZFAT	-0.03	9.36E-01	1.00E+00	0.19	5.29E-01	9.19E-01
AP001350.2	0.02	9.79E-01	1.00E+00	0.51	5.29E-01	9.19E-01
MMP12	-1.95	2.32E-01	1.00E+00	1.97	5.29E-01	9.19E-01
AL359644.1	-2.33	1.77E-01	1.00E+00	-0.50	5.29E-01	9.19E-01

AC123777.1	-1.80	1.21E-01	1.00E+00	0.70	5.29E-01	9.19E-01
GRIK3	-0.31	6.00E-01	1.00E+00	0.65	5.29E-01	9.19E-01
PSAT1P3	-0.06	9.69E-01	1.00E+00	-0.64	5.29E-01	9.19E-01
HKR1	-0.01	9.71E-01	1.00E+00	-0.14	5.30E-01	9.19E-01
TPPP3	0.08	8.81E-01	1.00E+00	-0.24	5.30E-01	9.19E-01
APH1B	0.22	5.72E-01	1.00E+00	0.25	5.30E-01	9.19E-01
AC131097.2	1.01	3.36E-02	1.00E+00	0.35	5.30E-01	9.19E-01
AC098650.1	2.12	5.34E-01	1.00E+00	0.87	5.30E-01	9.19E-01
SEMA3F-AS1	-0.94	6.15E-01	1.00E+00	-0.61	5.30E-01	9.19E-01
EIF4A1P4	-0.56	8.73E-01	1.00E+00	0.81	5.30E-01	9.19E-01
AL023807.1	0.73	6.30E-01	1.00E+00	0.59	5.30E-01	9.19E-01
SART3	-0.10	5.82E-01	1.00E+00	0.11	5.30E-01	9.19E-01
TRIM8	-0.16	5.57E-01	1.00E+00	0.35	5.30E-01	9.19E-01
XLOC_012879	0.49	8.44E-01	1.00E+00	0.86	5.30E-01	9.19E-01
AP3B1	-0.03	8.96E-01	1.00E+00	-0.12	5.30E-01	9.19E-01
XLOC_007614	-1.58	5.56E-02	1.00E+00	-0.61	5.30E-01	9.19E-01
G5143	0.96	1.68E-01	1.00E+00	0.66	5.30E-01	9.19E-01
RPAP2	-0.28	2.47E-01	1.00E+00	-0.14	5.30E-01	9.19E-01
SIGLEC15	-0.88	4.08E-01	1.00E+00	0.45	5.30E-01	9.19E-01
GNPDA2	0.12	5.58E-01	1.00E+00	-0.19	5.30E-01	9.19E-01
ALDH1L1-AS2	1.13	6.07E-01	1.00E+00	0.95	5.30E-01	9.19E-01
AL035458.1	-0.67	8.48E-01	1.00E+00	-0.39	5.30E-01	9.19E-01
B3GLCT	-0.08	8.13E-01	1.00E+00	-0.15	5.30E-01	9.19E-01
PPP3CB-AS1	-0.21	5.95E-01	1.00E+00	-0.24	5.30E-01	9.19E-01
ZNF485	0.10	8.39E-01	1.00E+00	-0.25	5.30E-01	9.19E-01
AL135936.1	-0.30	8.27E-01	1.00E+00	0.62	5.30E-01	9.19E-01
ERI2	-0.07	8.25E-01	1.00E+00	0.17	5.30E-01	9.19E-01
HYAL2	-0.30	1.35E-01	1.00E+00	0.24	5.30E-01	9.19E-01
AC026462.1	-1.49	5.00E-01	1.00E+00	-0.32	5.30E-01	9.19E-01
NOLC1	-0.25	1.90E-01	1.00E+00	0.16	5.31E-01	9.19E-01
PPT2	0.10	7.36E-01	1.00E+00	-0.14	5.31E-01	9.19E-01
ATP1A1-AS1	0.02	9.49E-01	1.00E+00	-0.19	5.31E-01	9.19E-01

GALK2	0.27	2.72E-01	1.00E+00	-0.15	5.31E-01	9.19E-01
AVEN	0.05	8.18E-01	1.00E+00	-0.30	5.31E-01	9.19E-01
HOXA10-AS	-1.53	2.23E-01	1.00E+00	0.35	5.31E-01	9.19E-01
SLC25A19	0.68	1.94E-01	1.00E+00	0.26	5.31E-01	9.19E-01
STIP1	-0.04	8.45E-01	1.00E+00	0.11	5.31E-01	9.19E-01
ANKRD10-IT1	0.57	6.46E-01	1.00E+00	0.36	5.31E-01	9.19E-01
UBR5-AS1	0.30	6.69E-01	1.00E+00	-0.22	5.31E-01	9.19E-01
AL133384.2	-1.14	7.43E-01	1.00E+00	0.83	5.31E-01	9.19E-01
AC108134.4	-0.70	5.81E-01	1.00E+00	-0.59	5.31E-01	9.19E-01
TPM4	-0.15	4.04E-01	1.00E+00	0.18	5.31E-01	9.19E-01
LINC00265	-0.32	6.64E-01	1.00E+00	0.54	5.31E-01	9.19E-01
TOB2	-0.19	5.69E-01	1.00E+00	-0.17	5.31E-01	9.19E-01
PDCD4-AS1	-0.65	2.18E-01	1.00E+00	0.38	5.31E-01	9.19E-01
PRAL	-1.59	4.60E-01	1.00E+00	0.79	5.31E-01	9.19E-01
MCUB	-0.01	9.79E-01	1.00E+00	-0.21	5.31E-01	9.19E-01
AC100803.2	1.11	1.19E-01	1.00E+00	0.92	5.31E-01	9.19E-01
IFT43	-0.18	3.61E-01	1.00E+00	-0.18	5.31E-01	9.19E-01
SIAH3	-0.86	5.47E-01	1.00E+00	0.75	5.31E-01	9.19E-01
EDEM2	0.10	6.55E-01	1.00E+00	0.16	5.31E-01	9.19E-01
PELI3	-0.02	9.30E-01	1.00E+00	-0.39	5.31E-01	9.19E-01
AC061992.1	-0.46	7.39E-01	1.00E+00	0.78	5.31E-01	9.19E-01
TATDN2	0.11	5.65E-01	1.00E+00	0.25	5.31E-01	9.19E-01
AC027020.2	0.33	7.16E-01	1.00E+00	0.75	5.31E-01	9.19E-01
XLOC_009592	-2.96	1.09E-01	1.00E+00	0.92	5.31E-01	9.19E-01
CCT8P1	0.62	1.07E-01	1.00E+00	0.25	5.31E-01	9.19E-01
SPACA6	0.56	2.08E-01	1.00E+00	-0.24	5.31E-01	9.19E-01
SNRNP35	-0.02	9.06E-01	1.00E+00	-0.14	5.32E-01	9.19E-01
DEFB103A	-1.93	5.74E-01	1.00E+00	0.53	5.32E-01	9.19E-01
CKMT1A	-0.57	4.97E-02	1.00E+00	-0.31	5.32E-01	9.19E-01
DDX6	0.17	3.23E-01	1.00E+00	0.19	5.32E-01	9.19E-01
PDS5A	0.00	9.90E-01	1.00E+00	-0.21	5.32E-01	9.19E-01
KLRC1	-3.36	1.19E-01	1.00E+00	0.76	5.32E-01	9.19E-01

OPRD1	-0.08	9.66E-01	1.00E+00	-0.89	5.32E-01	9.19E-01
PRRT4	3.04	3.30E-02	1.00E+00	0.66	5.32E-01	9.19E-01
SEMA4B	-0.54	1.32E-01	1.00E+00	0.32	5.32E-01	9.19E-01
HOXC11	-0.41	3.23E-01	1.00E+00	0.19	5.32E-01	9.19E-01
PYDC1	-0.40	5.12E-01	1.00E+00	0.42	5.32E-01	9.19E-01
ARPP21	-2.47	1.23E-01	1.00E+00	0.91	5.32E-01	9.19E-01
PDP1	0.27	3.79E-01	1.00E+00	0.12	5.32E-01	9.19E-01
AC011632.1	-2.33	1.95E-01	1.00E+00	-0.67	5.32E-01	9.19E-01
ALDOA	-0.09	8.60E-01	1.00E+00	0.44	5.32E-01	9.19E-01
MKS1	-0.07	6.64E-01	1.00E+00	0.16	5.32E-01	9.19E-01
CLSTN1	-0.26	2.94E-01	1.00E+00	0.32	5.32E-01	9.19E-01
CASC9	1.98	3.38E-01	1.00E+00	-1.35	5.32E-01	9.19E-01
XLOC_013164	-0.22	9.28E-01	1.00E+00	-1.14	5.32E-01	9.19E-01
GPT2	-0.19	5.48E-01	1.00E+00	-0.27	5.33E-01	9.19E-01
RPL5P5	-0.58	8.67E-01	1.00E+00	0.64	5.33E-01	9.19E-01
ID3	0.34	1.82E-01	1.00E+00	0.23	5.33E-01	9.19E-01
C9orf170	-1.29	2.73E-01	1.00E+00	0.62	5.33E-01	9.19E-01
KAT14	0.06	7.19E-01	1.00E+00	0.11	5.33E-01	9.19E-01
PUS1	-0.55	6.41E-02	1.00E+00	0.37	5.33E-01	9.20E-01
SH2D3C	-0.06	8.94E-01	1.00E+00	0.35	5.33E-01	9.20E-01
TRAV12-1	-1.49	3.90E-01	1.00E+00	0.81	5.33E-01	9.20E-01
KRR1	-0.19	3.68E-01	1.00E+00	-0.13	5.33E-01	9.20E-01
LRP10	-0.07	7.52E-01	1.00E+00	0.30	5.33E-01	9.20E-01
ID2	0.00	9.91E-01	1.00E+00	-0.20	5.33E-01	9.20E-01
INSM1	-0.64	5.15E-01	1.00E+00	-0.66	5.33E-01	9.20E-01
SAMD4B	-0.30	8.67E-02	1.00E+00	0.27	5.33E-01	9.20E-01
GLOD4	0.16	2.93E-01	1.00E+00	-0.10	5.33E-01	9.20E-01
TREML3P	NA	NA	NA	1.64	5.33E-01	9.20E-01
H2AFZP3	-0.37	9.15E-01	1.00E+00	-0.47	5.33E-01	9.20E-01
PTOV1-AS2	-1.72	2.77E-01	1.00E+00	0.84	5.33E-01	9.20E-01
HSP90AA2P	-0.81	4.54E-01	1.00E+00	-0.37	5.33E-01	9.20E-01
TIE1	0.15	7.69E-01	1.00E+00	0.44	5.33E-01	9.20E-01

AC011379.2	0.90	2.86E-01	1.00E+00	0.42	5.33E-01	9.20E-01
BUD13	-0.07	6.75E-01	1.00E+00	0.17	5.33E-01	9.20E-01
HYOU1	-0.16	4.38E-01	1.00E+00	0.38	5.34E-01	9.20E-01
IARS2	0.19	2.24E-01	1.00E+00	-0.08	5.34E-01	9.20E-01
XLOC_012740	-1.72	8.89E-02	1.00E+00	-0.30	5.34E-01	9.20E-01
XLOC_004203	-0.95	5.28E-01	1.00E+00	-0.87	5.34E-01	9.20E-01
AL031963.3	0.81	4.25E-01	1.00E+00	0.50	5.34E-01	9.20E-01
XLOC_005510	-0.21	7.51E-01	1.00E+00	-0.57	5.34E-01	9.20E-01
MYL9	-0.20	7.39E-01	1.00E+00	0.28	5.34E-01	9.20E-01
BNC1	-0.68	9.68E-02	1.00E+00	0.40	5.34E-01	9.20E-01
ETS2	-0.35	3.83E-01	1.00E+00	0.20	5.34E-01	9.20E-01
CCDC15	-0.31	5.53E-01	1.00E+00	-0.27	5.34E-01	9.20E-01
IGLV2-11	4.14	2.54E-02	9.29E-01	1.97	5.34E-01	9.20E-01
AL358216.1	-0.74	3.44E-01	1.00E+00	0.61	5.34E-01	9.20E-01
OGFOD3	-0.04	8.56E-01	1.00E+00	0.23	5.34E-01	9.20E-01
RNU6-415P	-1.90	9.91E-02	1.00E+00	0.57	5.34E-01	9.20E-01
ADCK2	0.01	9.70E-01	1.00E+00	-0.22	5.34E-01	9.20E-01
AC103740.2	0.62	8.57E-01	1.00E+00	-1.29	5.34E-01	9.21E-01
HPN	-0.78	3.70E-01	1.00E+00	0.77	5.35E-01	9.21E-01
ITGA8	-0.02	9.74E-01	1.00E+00	-0.34	5.35E-01	9.21E-01
AC093157.2	-2.94	3.86E-01	1.00E+00	0.58	5.35E-01	9.21E-01
TSC22D1	0.34	1.91E-01	1.00E+00	-0.20	5.35E-01	9.21E-01
ZNRF2	-0.12	6.80E-01	1.00E+00	-0.30	5.35E-01	9.21E-01
IBSP	-3.68	2.75E-01	1.00E+00	1.11	5.35E-01	9.21E-01
AC245884.11	-0.70	8.41E-01	1.00E+00	1.04	5.35E-01	9.21E-01
LETM1	-0.23	3.25E-01	1.00E+00	0.16	5.35E-01	9.21E-01
SMIM12	0.00	9.81E-01	1.00E+00	0.10	5.35E-01	9.21E-01
LINC02454	-0.22	8.41E-01	1.00E+00	-0.52	5.35E-01	9.21E-01
AL445471.2	-2.03	3.98E-01	1.00E+00	-0.97	5.35E-01	9.21E-01
CBX3P2	-0.56	2.61E-01	1.00E+00	-0.35	5.35E-01	9.21E-01
AC073316.3	-0.33	8.31E-01	1.00E+00	0.71	5.35E-01	9.21E-01
G19165	-3.11	9.81E-02	1.00E+00	0.82	5.35E-01	9.21E-01

AL121760.1	-0.52	7.40E-01	1.00E+00	0.37	5.35E-01	9.21E-01
AC063960.2	-0.01	9.87E-01	1.00E+00	0.60	5.35E-01	9.21E-01
NAPG	0.15	5.76E-01	1.00E+00	-0.17	5.35E-01	9.21E-01
TMPRSS11E	-0.81	2.94E-01	1.00E+00	-0.46	5.35E-01	9.21E-01
SGK494	-0.98	4.48E-01	1.00E+00	0.63	5.35E-01	9.21E-01
TAGLN3	-2.85	1.65E-01	1.00E+00	0.75	5.36E-01	9.21E-01
GOLGA2P8	-1.37	6.93E-01	1.00E+00	-0.76	5.36E-01	9.21E-01
CEP83-DT	-0.01	9.90E-01	1.00E+00	0.67	5.36E-01	9.21E-01
AC025171.2	-0.46	4.96E-01	1.00E+00	0.46	5.36E-01	9.21E-01
JMJD6	-0.24	3.50E-01	1.00E+00	0.17	5.36E-01	9.21E-01
AC142086.6	-0.13	8.75E-01	1.00E+00	-0.71	5.36E-01	9.21E-01
CCND3	0.28	2.31E-01	1.00E+00	0.20	5.36E-01	9.21E-01
G20736	0.35	5.62E-01	1.00E+00	0.43	5.36E-01	9.21E-01
AC026367.3	1.93	3.83E-02	1.00E+00	-0.58	5.36E-01	9.21E-01
CIART	-1.51	5.40E-03	4.32E-01	-0.29	5.36E-01	9.21E-01
HSPD1	0.19	4.37E-01	1.00E+00	-0.14	5.36E-01	9.21E-01
FAM207A	-0.20	4.37E-01	1.00E+00	0.33	5.36E-01	9.21E-01
GPR158	-0.49	7.68E-01	1.00E+00	0.81	5.36E-01	9.21E-01
TYW3	0.16	4.70E-01	1.00E+00	-0.11	5.36E-01	9.21E-01
AC010735.2	2.52	5.89E-02	1.00E+00	0.60	5.36E-01	9.21E-01
HEXDC	-0.11	7.27E-01	1.00E+00	0.33	5.36E-01	9.21E-01
EFL1	-0.08	6.25E-01	1.00E+00	0.13	5.36E-01	9.21E-01
CCNG1	0.20	4.34E-01	1.00E+00	-0.21	5.36E-01	9.21E-01
VASP	-0.27	1.68E-01	1.00E+00	0.40	5.36E-01	9.21E-01
CCDC14	-0.35	1.94E-01	1.00E+00	0.11	5.36E-01	9.21E-01
EXOC3L2	-0.05	9.19E-01	1.00E+00	0.44	5.36E-01	9.21E-01
KLHL13	0.10	8.55E-01	1.00E+00	-0.33	5.36E-01	9.21E-01
AC116345.1	0.11	8.40E-01	1.00E+00	0.35	5.36E-01	9.21E-01
ROBO4	0.16	7.63E-01	1.00E+00	0.39	5.36E-01	9.21E-01
AC027682.6	0.45	6.38E-01	1.00E+00	-0.43	5.36E-01	9.21E-01
ARPIN	0.14	5.99E-01	1.00E+00	0.21	5.37E-01	9.21E-01
TNFRSF10D	0.03	9.60E-01	1.00E+00	0.50	5.37E-01	9.21E-01

GTF2IRD2	0.46	1.44E-01	1.00E+00	-0.32	5.37E-01	9.21E-01
L1TD1	-1.30	2.99E-01	1.00E+00	0.66	5.37E-01	9.21E-01
RAB3A	-1.17	4.81E-03	4.02E-01	0.32	5.37E-01	9.21E-01
SRR	-0.36	1.48E-01	1.00E+00	-0.15	5.37E-01	9.21E-01
WDR97	-1.27	4.11E-01	1.00E+00	1.05	5.37E-01	9.21E-01
RPS10P5	-0.21	8.81E-01	1.00E+00	0.39	5.37E-01	9.21E-01
AC092017.1	0.56	8.71E-01	1.00E+00	-0.50	5.37E-01	9.21E-01
CPNE8-AS1	-2.39	1.34E-01	1.00E+00	-0.59	5.37E-01	9.21E-01
CIP2A	0.21	6.30E-01	1.00E+00	0.23	5.37E-01	9.21E-01
NUF2	0.23	6.32E-01	1.00E+00	0.33	5.37E-01	9.21E-01
TMEM44	0.20	6.99E-01	1.00E+00	0.37	5.37E-01	9.21E-01
AC068152.1	-0.12	7.86E-01	1.00E+00	0.24	5.37E-01	9.21E-01
DUSP8	-0.93	4.67E-02	1.00E+00	0.42	5.37E-01	9.21E-01
NRXN3	-0.77	3.00E-02	9.97E-01	-0.37	5.37E-01	9.21E-01
KANSL1	-0.04	8.51E-01	1.00E+00	0.19	5.37E-01	9.21E-01
L3MBTL4	0.36	3.32E-01	1.00E+00	-0.21	5.37E-01	9.21E-01
S100A7A	-3.08	9.81E-03	6.13E-01	1.93	5.37E-01	9.21E-01
RASA1	0.22	2.96E-01	1.00E+00	0.23	5.37E-01	9.21E-01
C14orf132	0.16	5.56E-01	1.00E+00	-0.21	5.37E-01	9.21E-01
CD101	-1.04	9.44E-02	1.00E+00	0.54	5.37E-01	9.21E-01
PCDHB9	-0.22	6.78E-01	1.00E+00	-0.39	5.37E-01	9.21E-01
STIMATE	0.38	8.71E-01	1.00E+00	-0.35	5.38E-01	9.21E-01
AL157871.3	0.66	8.49E-01	1.00E+00	0.56	5.38E-01	9.21E-01
DCAF5	-0.01	9.62E-01	1.00E+00	0.13	5.38E-01	9.21E-01
CXCR3	-1.03	2.56E-01	1.00E+00	1.76	5.38E-01	9.21E-01
STT3B	0.03	8.70E-01	1.00E+00	-0.25	5.38E-01	9.21E-01
LRGUK	-1.99	1.80E-01	1.00E+00	0.61	5.38E-01	9.21E-01
TMEM35A	-0.11	8.85E-01	1.00E+00	-0.41	5.38E-01	9.21E-01
HLX-AS1	2.02	2.79E-01	1.00E+00	0.81	5.38E-01	9.21E-01
LINC01684	0.41	6.55E-01	1.00E+00	0.69	5.38E-01	9.21E-01
AGT	-0.16	8.30E-01	1.00E+00	1.68	5.38E-01	9.21E-01
ERN1	0.17	4.09E-01	1.00E+00	0.25	5.38E-01	9.21E-01

RPS8	-0.19	5.90E-01	1.00E+00	0.17	5.38E-01	9.21E-01
CRELD1	-0.17	6.45E-01	1.00E+00	-0.17	5.38E-01	9.21E-01
ZNF93	-0.40	1.95E-01	1.00E+00	-0.30	5.38E-01	9.21E-01
CMBL	0.43	4.02E-01	1.00E+00	-0.25	5.38E-01	9.21E-01
GXYLT1	0.34	2.17E-01	1.00E+00	0.21	5.38E-01	9.21E-01
ZIC1	-0.36	7.32E-01	1.00E+00	1.93	5.38E-01	9.21E-01
FHL5	-0.61	3.24E-01	1.00E+00	0.32	5.38E-01	9.21E-01
TBC1D10B	-0.15	5.25E-01	1.00E+00	0.36	5.38E-01	9.21E-01
LINC01888	30.00	6.58E-18	5.54E-15	-1.03	5.38E-01	9.21E-01
XLOC_008024	0.13	7.68E-01	1.00E+00	0.29	5.38E-01	9.21E-01
XLOC_013866	0.47	6.20E-01	1.00E+00	-0.62	5.38E-01	9.21E-01
XLOC_000523	-0.15	8.48E-01	1.00E+00	0.66	5.38E-01	9.21E-01
G10272	-0.01	9.96E-01	1.00E+00	0.41	5.39E-01	9.21E-01
NAB2	-0.28	3.94E-01	1.00E+00	0.35	5.39E-01	9.21E-01
BNIP1	0.28	2.66E-01	1.00E+00	0.13	5.39E-01	9.21E-01
XLOC_002032	-1.63	1.58E-01	1.00E+00	-0.76	5.39E-01	9.21E-01
PHF2P2	-0.88	4.36E-01	1.00E+00	-0.64	5.39E-01	9.21E-01
AHDC1	-0.75	4.42E-02	1.00E+00	0.36	5.39E-01	9.21E-01
TMEM158	-0.09	8.71E-01	1.00E+00	-0.40	5.39E-01	9.21E-01
ZFP36L1	-0.92	4.05E-02	1.00E+00	0.28	5.39E-01	9.21E-01
LRP12	0.01	9.59E-01	1.00E+00	0.17	5.39E-01	9.21E-01
PLEKHG3	-0.47	6.96E-02	1.00E+00	0.43	5.39E-01	9.21E-01
ENDOG	-0.53	4.73E-02	1.00E+00	-0.43	5.39E-01	9.22E-01
AC084117.1	-0.25	7.83E-01	1.00E+00	0.53	5.39E-01	9.22E-01
RPL30	-0.29	3.56E-01	1.00E+00	0.25	5.39E-01	9.22E-01
TAF3	-0.06	7.53E-01	1.00E+00	0.11	5.39E-01	9.22E-01
ECEL1	-1.67	4.83E-02	1.00E+00	1.93	5.39E-01	9.22E-01
CALML3-AS1	-0.10	8.03E-01	1.00E+00	-0.45	5.39E-01	9.22E-01
CDC42EP4	-0.39	4.86E-02	1.00E+00	-0.23	5.39E-01	9.22E-01
EMC1	0.03	8.80E-01	1.00E+00	0.14	5.39E-01	9.22E-01
DGKI	0.23	8.16E-01	1.00E+00	0.43	5.39E-01	9.22E-01
NEURL3	-0.20	8.63E-01	1.00E+00	0.64	5.39E-01	9.22E-01

TCTE3	-0.29	6.19E-01	1.00E+00	-0.38	5.39E-01	9.22E-01
AL355355.2	0.59	3.12E-01	1.00E+00	0.44	5.39E-01	9.22E-01
FKBP1C	0.27	7.25E-01	1.00E+00	0.33	5.40E-01	9.22E-01
FAM135A	0.19	6.49E-01	1.00E+00	-0.20	5.40E-01	9.22E-01
RAI14	-0.16	6.37E-01	1.00E+00	0.18	5.40E-01	9.22E-01
AADAT	-0.03	9.46E-01	1.00E+00	-0.33	5.40E-01	9.22E-01
PAN3	0.16	3.86E-01	1.00E+00	0.24	5.40E-01	9.22E-01
RASAL1	-0.31	3.19E-01	1.00E+00	0.41	5.40E-01	9.22E-01
THEM4	-0.29	3.22E-01	1.00E+00	-0.16	5.40E-01	9.22E-01
ADAD2	-0.26	7.03E-01	1.00E+00	0.33	5.40E-01	9.22E-01
AC009549.1	-1.06	2.96E-01	1.00E+00	-0.70	5.40E-01	9.22E-01
TSR3	-0.01	9.63E-01	1.00E+00	-0.41	5.40E-01	9.22E-01
IGHM	-0.40	8.23E-01	1.00E+00	1.92	5.40E-01	9.22E-01
AKIRIN1	0.24	3.66E-01	1.00E+00	0.19	5.40E-01	9.22E-01
AC010319.1	-4.79	3.27E-03	3.02E-01	1.00	5.40E-01	9.22E-01
DBT	0.05	8.17E-01	1.00E+00	-0.13	5.40E-01	9.22E-01
AL121929.2	-0.79	4.13E-01	1.00E+00	-0.88	5.40E-01	9.22E-01
PPDPF	-0.08	7.83E-01	1.00E+00	0.16	5.40E-01	9.22E-01
SQSTM1	0.01	9.63E-01	1.00E+00	0.16	5.40E-01	9.22E-01
PPME1	0.05	8.17E-01	1.00E+00	-0.13	5.40E-01	9.22E-01
OGFRP1	-1.15	4.36E-02	1.00E+00	0.67	5.40E-01	9.22E-01
FAXDC2	0.55	6.95E-02	1.00E+00	-0.23	5.40E-01	9.22E-01
PSMD10	0.23	1.99E-01	1.00E+00	-0.16	5.40E-01	9.22E-01
ZNF266	-0.12	6.45E-01	1.00E+00	0.22	5.41E-01	9.22E-01
ZNF192P1	-0.84	6.12E-01	1.00E+00	0.66	5.41E-01	9.23E-01
INSL6	2.13	3.24E-01	1.00E+00	-0.53	5.41E-01	9.23E-01
WNT7B	-0.06	8.85E-01	1.00E+00	-0.46	5.41E-01	9.23E-01
SMG9	0.13	7.53E-01	1.00E+00	0.31	5.41E-01	9.23E-01
ARSH	-2.36	7.07E-02	1.00E+00	0.76	5.41E-01	9.23E-01
TLN1	-0.04	9.03E-01	1.00E+00	0.36	5.41E-01	9.23E-01
LINC02246	0.03	9.87E-01	1.00E+00	-0.69	5.41E-01	9.23E-01
KLHL28	0.15	6.22E-01	1.00E+00	-0.24	5.41E-01	9.23E-01

GABBR1	-0.36	5.17E-01	1.00E+00	0.34	5.41E-01	9.23E-01
COG4	-0.20	4.56E-01	1.00E+00	-0.09	5.41E-01	9.23E-01
MRPL24	-0.05	7.72E-01	1.00E+00	-0.17	5.41E-01	9.23E-01
LINC01485	3.89	1.07E-02	6.40E-01	-0.68	5.41E-01	9.23E-01
POLR3F	-0.01	9.81E-01	1.00E+00	-0.14	5.41E-01	9.23E-01
HIST1H3G	0.11	9.54E-01	1.00E+00	0.75	5.41E-01	9.23E-01
CCDC89	0.10	7.67E-01	1.00E+00	0.42	5.41E-01	9.23E-01
PMS2P5	-0.27	4.98E-01	1.00E+00	-0.19	5.41E-01	9.23E-01
DDN	-5.61	3.35E-12	2.25E-09	1.09	5.41E-01	9.23E-01
AC104031.1	-1.88	2.31E-01	1.00E+00	-0.42	5.42E-01	9.23E-01
UBE2V1P2	1.20	5.88E-01	1.00E+00	0.51	5.42E-01	9.23E-01
AL022311.1	-0.23	7.91E-01	1.00E+00	0.37	5.42E-01	9.23E-01
APTX	0.06	7.51E-01	1.00E+00	-0.13	5.42E-01	9.23E-01
ANKFY1	0.25	2.10E-01	1.00E+00	0.21	5.42E-01	9.23E-01
RNF2	-0.07	7.26E-01	1.00E+00	-0.11	5.42E-01	9.23E-01
AC008443.5	-0.18	9.22E-01	1.00E+00	0.66	5.42E-01	9.23E-01
NOVA1	1.23	3.33E-02	1.00E+00	-0.37	5.42E-01	9.23E-01
INO80D	0.16	5.92E-01	1.00E+00	0.20	5.42E-01	9.23E-01
PLIN4	4.88	2.86E-03	2.79E-01	-1.91	5.42E-01	9.23E-01
ARHGEF1	-0.34	1.29E-01	1.00E+00	0.32	5.42E-01	9.23E-01
MYSM1	0.02	9.49E-01	1.00E+00	-0.18	5.42E-01	9.23E-01
DDX50	0.21	2.53E-01	1.00E+00	-0.12	5.42E-01	9.23E-01
AC009362.1	NA	NA	NA	0.55	5.42E-01	9.23E-01
RFTN1	0.33	3.86E-01	1.00E+00	0.31	5.42E-01	9.23E-01
NME2	-0.86	4.10E-01	1.00E+00	0.47	5.42E-01	9.23E-01
GAS5	-0.02	9.49E-01	1.00E+00	0.22	5.42E-01	9.23E-01
CCNJL	-0.33	5.65E-01	1.00E+00	0.54	5.42E-01	9.23E-01
CIB2	-0.45	1.66E-01	1.00E+00	0.42	5.42E-01	9.23E-01
DTNB	0.05	9.09E-01	1.00E+00	-0.25	5.42E-01	9.23E-01
ATG16L2	-0.40	3.34E-01	1.00E+00	0.27	5.42E-01	9.23E-01
IST1	0.27	9.84E-02	1.00E+00	0.09	5.42E-01	9.23E-01
AC008771.1	0.18	7.33E-01	1.00E+00	-0.28	5.43E-01	9.23E-01

XLOC_008955	1.06	4.61E-02	1.00E+00	0.46	5.43E-01	9.23E-01
CKMT1B	-0.68	2.87E-04	6.33E-02	-0.28	5.43E-01	9.23E-01
ZNF829	0.10	7.40E-01	1.00E+00	-0.18	5.43E-01	9.23E-01
KIF13A	-0.05	7.83E-01	1.00E+00	0.28	5.43E-01	9.23E-01
B3GALT1	-0.09	9.28E-01	1.00E+00	-0.57	5.43E-01	9.23E-01
MRPS18B	0.05	7.62E-01	1.00E+00	-0.14	5.43E-01	9.23E-01
FBXO48	0.02	9.73E-01	1.00E+00	-0.26	5.43E-01	9.23E-01
AC024270.4	-2.82	1.80E-03	2.38E-01	-0.68	5.43E-01	9.23E-01
AC006059.1	-0.83	2.31E-01	1.00E+00	0.42	5.43E-01	9.23E-01
RPS18	-0.03	9.30E-01	1.00E+00	0.18	5.43E-01	9.23E-01
PRMT1	-0.32	8.59E-02	1.00E+00	0.12	5.43E-01	9.23E-01
NEDD4L	0.11	8.21E-01	1.00E+00	-0.22	5.43E-01	9.23E-01
COX7A2L	0.23	2.84E-01	1.00E+00	-0.20	5.43E-01	9.23E-01
ZMAT2	0.11	5.85E-01	1.00E+00	0.13	5.43E-01	9.23E-01
SLC27A2	-0.47	3.29E-01	1.00E+00	-0.45	5.43E-01	9.23E-01
PDCD2L	0.42	4.16E-01	1.00E+00	0.22	5.43E-01	9.23E-01
AC010768.2	2.49	3.69E-01	1.00E+00	0.66	5.43E-01	9.23E-01
ZNF815P	-0.08	8.46E-01	1.00E+00	0.24	5.43E-01	9.23E-01
IFT46	0.15	5.82E-01	1.00E+00	0.12	5.44E-01	9.23E-01
G30615	-1.79	1.77E-01	1.00E+00	-0.89	5.44E-01	9.23E-01
C5orf49	0.47	3.49E-01	1.00E+00	-0.45	5.44E-01	9.23E-01
MTND1P23	0.75	4.65E-01	1.00E+00	0.61	5.44E-01	9.23E-01
CREB1	0.08	7.09E-01	1.00E+00	-0.10	5.44E-01	9.23E-01
MAN1B1-DT	0.16	6.20E-01	1.00E+00	-0.39	5.44E-01	9.23E-01
TTC39C-AS1	1.52	3.38E-01	1.00E+00	0.53	5.44E-01	9.23E-01
TACSTD2	0.09	8.37E-01	1.00E+00	0.32	5.44E-01	9.23E-01
AL031123.2	-1.01	2.30E-01	1.00E+00	-0.70	5.44E-01	9.23E-01
RNASEH1-AS1	-0.47	1.97E-01	1.00E+00	-0.21	5.44E-01	9.23E-01
STK38	0.18	5.28E-01	1.00E+00	-0.13	5.44E-01	9.23E-01
SCGB3A2	0.76	3.19E-01	1.00E+00	-0.51	5.44E-01	9.23E-01
GLUD2	0.19	7.88E-01	1.00E+00	-0.33	5.44E-01	9.23E-01
CROCC	-0.31	3.39E-01	1.00E+00	0.41	5.44E-01	9.23E-01

KCNK13	-1.91	1.56E-02	7.80E-01	0.89	5.44E-01	9.23E-01
AP000442.2	-0.76	1.18E-01	1.00E+00	-0.39	5.44E-01	9.23E-01
MTMR12	0.22	2.93E-01	1.00E+00	-0.21	5.44E-01	9.23E-01
XLOC_004632	-0.98	4.65E-01	1.00E+00	0.42	5.44E-01	9.23E-01
NCBP2	0.07	7.20E-01	1.00E+00	-0.12	5.44E-01	9.23E-01
ADIPOR1	0.03	8.99E-01	1.00E+00	-0.16	5.44E-01	9.23E-01
TASP1	0.03	9.17E-01	1.00E+00	-0.19	5.44E-01	9.23E-01
CSNK1G3	0.20	3.93E-01	1.00E+00	-0.16	5.44E-01	9.23E-01
SERTM1	-0.04	9.85E-01	1.00E+00	0.79	5.44E-01	9.23E-01
NEIL3	-0.10	8.70E-01	1.00E+00	-0.41	5.44E-01	9.23E-01
AL445472.1	-0.05	9.27E-01	1.00E+00	0.22	5.44E-01	9.23E-01
AL137127.1	-0.01	9.92E-01	1.00E+00	0.41	5.44E-01	9.23E-01
MAJIN	-0.88	4.30E-01	1.00E+00	-0.62	5.44E-01	9.23E-01
NDUFA10	-0.08	6.77E-01	1.00E+00	-0.12	5.44E-01	9.23E-01
MAML2	0.02	9.44E-01	1.00E+00	0.18	5.44E-01	9.23E-01
PPP4R4	-0.17	7.37E-01	1.00E+00	0.53	5.44E-01	9.23E-01
FJX1	-0.59	1.04E-01	1.00E+00	0.25	5.45E-01	9.23E-01
KIR2DS4	0.67	8.06E-01	1.00E+00	0.93	5.45E-01	9.23E-01
AC244230.1	-1.50	4.48E-01	1.00E+00	-0.45	5.45E-01	9.23E-01
DIO3	0.73	2.66E-01	1.00E+00	1.42	5.45E-01	9.23E-01
UNC93A	0.19	7.45E-01	1.00E+00	0.45	5.45E-01	9.23E-01
PTPMT1	0.10	8.87E-01	1.00E+00	-0.33	5.45E-01	9.23E-01
MFAP4	0.76	1.47E-01	1.00E+00	0.34	5.45E-01	9.23E-01
DSCC1	0.10	7.97E-01	1.00E+00	-0.30	5.45E-01	9.23E-01
AC105277.1	-0.36	6.02E-01	1.00E+00	0.47	5.45E-01	9.23E-01
SFT2D2	0.54	2.31E-02	9.12E-01	-0.19	5.45E-01	9.23E-01
TMEM91	-0.01	9.77E-01	1.00E+00	-0.35	5.45E-01	9.23E-01
AC023157.1	3.53	2.96E-01	1.00E+00	1.91	5.45E-01	9.23E-01
H2AFY	-0.22	4.64E-01	1.00E+00	-0.17	5.45E-01	9.23E-01
AL512791.2	0.88	5.68E-01	1.00E+00	-0.62	5.45E-01	9.23E-01
PEX1	-0.02	9.21E-01	1.00E+00	-0.12	5.45E-01	9.23E-01
HDAC5	0.19	4.26E-01	1.00E+00	-0.23	5.45E-01	9.23E-01

SUB1P3	0.66	8.49E-01	1.00E+00	-0.41	5.45E-01	9.23E-01
DCP1B	-0.07	6.95E-01	1.00E+00	0.11	5.45E-01	9.23E-01
RN7SKP80	0.87	5.62E-01	1.00E+00	-0.69	5.45E-01	9.23E-01
RNU7-45P	-0.10	9.75E-01	1.00E+00	0.60	5.45E-01	9.23E-01
G31689	-1.87	4.62E-01	1.00E+00	0.57	5.45E-01	9.23E-01
RDH10	0.12	6.88E-01	1.00E+00	-0.21	5.45E-01	9.23E-01
AL360267.2	-0.99	3.29E-01	1.00E+00	0.56	5.45E-01	9.23E-01
PCDHB13	-0.49	1.01E-01	1.00E+00	-0.31	5.46E-01	9.23E-01
ICE2	0.03	8.85E-01	1.00E+00	-0.11	5.46E-01	9.23E-01
GNS	0.37	3.30E-01	1.00E+00	0.24	5.46E-01	9.23E-01
KIAA1614	0.21	5.62E-01	1.00E+00	0.47	5.46E-01	9.23E-01
UXS1	0.01	9.69E-01	1.00E+00	-0.08	5.46E-01	9.23E-01
PRRT1	-1.07	3.48E-02	1.00E+00	0.46	5.46E-01	9.23E-01
ABCA7	-0.21	5.77E-01	1.00E+00	0.35	5.46E-01	9.23E-01
TXN	-0.04	8.69E-01	1.00E+00	-0.24	5.46E-01	9.23E-01
WRAP53	-0.12	6.32E-01	1.00E+00	0.09	5.46E-01	9.23E-01
XLOC_007263	-0.80	7.97E-01	1.00E+00	-0.87	5.46E-01	9.23E-01
PLAC4	-0.11	9.21E-01	1.00E+00	-0.63	5.46E-01	9.23E-01
KATNAL1	0.22	5.52E-01	1.00E+00	-0.23	5.46E-01	9.23E-01
SRARP	1.05	5.58E-01	1.00E+00	0.92	5.46E-01	9.24E-01
KDM7A-DT	-0.16	4.42E-01	1.00E+00	0.26	5.46E-01	9.24E-01
GPR89P	-1.00	6.89E-01	1.00E+00	-1.43	5.46E-01	9.24E-01
AC093525.6	-0.27	8.49E-01	1.00E+00	-0.71	5.46E-01	9.24E-01
PPBP	-0.20	9.29E-01	1.00E+00	-1.92	5.46E-01	9.24E-01
MED11	-0.08	7.99E-01	1.00E+00	-0.20	5.46E-01	9.24E-01
AC131009.4	1.77	2.62E-01	1.00E+00	-0.56	5.46E-01	9.24E-01
ZBED3-AS1	1.66	7.94E-02	1.00E+00	-0.50	5.46E-01	9.24E-01
ZKSCAN1	0.07	7.82E-01	1.00E+00	-0.16	5.46E-01	9.24E-01
SLC25A38	0.37	2.47E-02	9.28E-01	-0.09	5.46E-01	9.24E-01
STAT3	-0.18	3.65E-01	1.00E+00	0.20	5.46E-01	9.24E-01
MYLK4	0.60	2.55E-01	1.00E+00	0.54	5.46E-01	9.24E-01
TMEM117	-0.19	5.18E-01	1.00E+00	-0.25	5.46E-01	9.24E-01

MPP7	0.19	6.78E-01	1.00E+00	-0.24	5.47E-01	9.24E-01
PPM1N	0.09	8.05E-01	1.00E+00	-0.20	5.47E-01	9.24E-01
SHLD3	-0.34	4.61E-01	1.00E+00	0.28	5.47E-01	9.24E-01
CDCA4	-0.24	5.33E-01	1.00E+00	0.20	5.47E-01	9.24E-01
ILF2	-0.19	3.31E-01	1.00E+00	-0.14	5.47E-01	9.24E-01
MAP3K14	-0.90	4.27E-02	1.00E+00	0.45	5.47E-01	9.24E-01
MAP3K6	-0.03	9.28E-01	1.00E+00	-0.29	5.47E-01	9.24E-01
AC105384.1	1.25	2.92E-01	1.00E+00	0.75	5.47E-01	9.24E-01
BMP5	0.34	7.76E-01	1.00E+00	-1.79	5.47E-01	9.24E-01
AC025280.2	0.37	7.85E-01	1.00E+00	-0.67	5.47E-01	9.24E-01
ENO1-AS1	3.05	3.65E-01	1.00E+00	-0.49	5.47E-01	9.24E-01
AC132938.3	-0.22	5.82E-01	1.00E+00	-0.32	5.47E-01	9.24E-01
CBR1	0.04	8.84E-01	1.00E+00	-0.24	5.47E-01	9.24E-01
XLOC_002194	0.26	8.27E-01	1.00E+00	0.75	5.47E-01	9.24E-01
G24237	0.46	6.84E-01	1.00E+00	-0.38	5.47E-01	9.24E-01
AL356270.1	-2.17	1.57E-01	1.00E+00	-0.49	5.47E-01	9.24E-01
DGKZP1	0.41	5.05E-01	1.00E+00	-0.25	5.48E-01	9.24E-01
TRIM28	-0.13	5.62E-01	1.00E+00	0.28	5.48E-01	9.24E-01
AC105114.2	-1.24	7.19E-01	1.00E+00	0.87	5.48E-01	9.24E-01
SLC6A12	-0.47	4.55E-01	1.00E+00	0.70	5.48E-01	9.24E-01
PLEKHA3P1	-1.85	5.10E-01	1.00E+00	0.75	5.48E-01	9.24E-01
AC004923.1	-0.80	3.35E-01	1.00E+00	-0.50	5.48E-01	9.24E-01
NUFIP2	-0.14	5.00E-01	1.00E+00	0.23	5.48E-01	9.24E-01
IGKV1D-8	NA	NA	NA	1.92	5.48E-01	9.24E-01
G38700	-1.39	2.10E-01	1.00E+00	0.39	5.48E-01	9.24E-01
MOBP	-5.87	2.83E-06	9.97E-04	1.34	5.48E-01	9.24E-01
TTC39C	0.12	6.92E-01	1.00E+00	-0.20	5.48E-01	9.24E-01
SLC31A1	0.02	9.51E-01	1.00E+00	0.16	5.48E-01	9.24E-01
BCL6	-0.22	4.56E-01	1.00E+00	0.18	5.48E-01	9.24E-01
DHX29	-0.10	6.34E-01	1.00E+00	-0.11	5.48E-01	9.24E-01
SETD2	-0.13	5.63E-01	1.00E+00	0.18	5.48E-01	9.24E-01
AC004156.1	-0.61	5.53E-01	1.00E+00	-0.51	5.48E-01	9.24E-01

SASS6	-0.05	8.81E-01	1.00E+00	-0.20	5.48E-01	9.24E-01
MYB	0.43	3.93E-01	1.00E+00	-0.48	5.48E-01	9.24E-01
LNCOC1	1.02	3.11E-01	1.00E+00	-0.74	5.48E-01	9.24E-01
AC090114.3	-1.59	1.66E-01	1.00E+00	0.55	5.48E-01	9.24E-01
NPHP3	0.65	2.02E-01	1.00E+00	0.27	5.48E-01	9.24E-01
PPP1R1C	-0.88	1.81E-01	1.00E+00	-0.33	5.48E-01	9.24E-01
ZNF404	-0.21	7.09E-01	1.00E+00	-0.59	5.48E-01	9.24E-01
GAK	-0.25	2.21E-01	1.00E+00	0.31	5.48E-01	9.24E-01
PLA2G4F	-0.27	5.26E-01	1.00E+00	-0.44	5.48E-01	9.24E-01
FOXC2	-0.15	7.88E-01	1.00E+00	0.55	5.49E-01	9.24E-01
NUP133	0.09	6.54E-01	1.00E+00	-0.08	5.49E-01	9.24E-01
NOM1	-0.05	7.86E-01	1.00E+00	0.31	5.49E-01	9.24E-01
TENT2	0.33	1.32E-01	1.00E+00	0.13	5.49E-01	9.24E-01
LINC01126	-1.10	3.54E-01	1.00E+00	0.75	5.49E-01	9.24E-01
NME8	0.91	6.00E-01	1.00E+00	0.57	5.49E-01	9.24E-01
ADD3	0.44	1.23E-01	1.00E+00	-0.15	5.49E-01	9.24E-01
RAP2C-AS1	-0.19	5.51E-01	1.00E+00	-0.24	5.49E-01	9.24E-01
Z95152.1	-0.39	8.71E-01	1.00E+00	-0.61	5.49E-01	9.24E-01
LINC01303	-1.42	4.36E-01	1.00E+00	-0.64	5.49E-01	9.24E-01
ZNF318	-0.38	8.30E-02	1.00E+00	0.28	5.49E-01	9.24E-01
AL359962.1	0.10	9.06E-01	1.00E+00	-0.47	5.49E-01	9.24E-01
FOS	-0.77	4.95E-01	1.00E+00	-0.33	5.49E-01	9.24E-01
RNF166	0.23	3.22E-01	1.00E+00	0.36	5.49E-01	9.24E-01
METTL17	-0.10	6.72E-01	1.00E+00	-0.13	5.49E-01	9.24E-01
ABHD11-AS1	-0.53	5.95E-01	1.00E+00	-0.37	5.49E-01	9.24E-01
CSF3	-2.23	5.02E-01	1.00E+00	1.88	5.49E-01	9.24E-01
INTS13	0.19	5.80E-01	1.00E+00	0.19	5.49E-01	9.24E-01
MOCOS	-0.15	6.52E-01	1.00E+00	0.23	5.49E-01	9.24E-01
SEPT7-AS1	-0.34	5.49E-01	1.00E+00	-0.31	5.49E-01	9.24E-01
ARHGEF11	-0.24	3.29E-01	1.00E+00	0.50	5.49E-01	9.24E-01
PNPLA7	-0.10	7.96E-01	1.00E+00	-0.26	5.49E-01	9.24E-01
ZKSCAN3	0.00	9.98E-01	1.00E+00	0.22	5.49E-01	9.24E-01

LRP2BP	-0.09	8.92E-01	1.00E+00	-0.28	5.49E-01	9.24E-01
AL133268.1	-1.11	4.72E-01	1.00E+00	-0.51	5.49E-01	9.24E-01
AL596325.2	0.50	7.12E-01	1.00E+00	0.62	5.49E-01	9.24E-01
AC006001.2	-0.35	5.74E-01	1.00E+00	0.20	5.49E-01	9.24E-01
EMC7	0.05	7.54E-01	1.00E+00	-0.16	5.49E-01	9.24E-01
NOL8	-0.13	5.69E-01	1.00E+00	-0.11	5.50E-01	9.25E-01
ZNF831	-1.00	2.54E-01	1.00E+00	1.88	5.50E-01	9.25E-01
ASB5	3.24	1.76E-01	1.00E+00	-0.85	5.50E-01	9.25E-01
GPR137	-0.26	1.67E-01	1.00E+00	0.25	5.50E-01	9.25E-01
PRPF6	-0.12	5.81E-01	1.00E+00	0.12	5.50E-01	9.25E-01
KRT32	-4.14	8.42E-03	5.67E-01	-1.88	5.50E-01	9.25E-01
AL353593.1	-0.49	4.75E-01	1.00E+00	-0.60	5.50E-01	9.25E-01
NSFP1	-1.29	7.04E-01	1.00E+00	0.66	5.50E-01	9.25E-01
SLC12A3	-2.63	3.01E-01	1.00E+00	0.87	5.50E-01	9.25E-01
NAA15	-0.28	3.09E-01	1.00E+00	0.14	5.50E-01	9.25E-01
AC011912.1	0.57	3.58E-01	1.00E+00	0.57	5.50E-01	9.25E-01
EXPH5	-0.01	9.69E-01	1.00E+00	-0.40	5.50E-01	9.25E-01
AL162424.1	-0.81	1.78E-01	1.00E+00	-0.31	5.50E-01	9.25E-01
CPEB3	-0.24	4.66E-01	1.00E+00	-0.28	5.50E-01	9.25E-01
PITPNA	0.09	7.31E-01	1.00E+00	-0.28	5.50E-01	9.25E-01
PTPN14	0.37	2.96E-01	1.00E+00	-0.17	5.50E-01	9.25E-01
AC011586.2	-0.08	9.81E-01	1.00E+00	0.75	5.50E-01	9.25E-01
HECTD4	-0.14	4.40E-01	1.00E+00	0.31	5.50E-01	9.25E-01
AC008764.9	-4.03	5.42E-02	1.00E+00	-0.86	5.50E-01	9.25E-01
TMEM242	0.30	7.91E-02	1.00E+00	-0.20	5.50E-01	9.25E-01
GDI2P2	-2.01	5.57E-01	1.00E+00	0.35	5.50E-01	9.25E-01
LRRC32	-0.03	9.46E-01	1.00E+00	0.40	5.50E-01	9.25E-01
ADARB2	0.23	7.52E-01	1.00E+00	-0.62	5.50E-01	9.25E-01
CSN1S1	3.77	2.49E-01	1.00E+00	-1.89	5.51E-01	9.25E-01
LINC00924	0.85	2.33E-01	1.00E+00	0.55	5.51E-01	9.25E-01
SFI1	-0.12	6.58E-01	1.00E+00	0.21	5.51E-01	9.25E-01
LINC00964	0.12	8.76E-01	1.00E+00	-0.50	5.51E-01	9.25E-01

MYT1L	-3.55	1.23E-02	6.92E-01	0.53	5.51E-01	9.25E-01
BBS1	-0.87	5.72E-01	1.00E+00	-0.34	5.51E-01	9.25E-01
SAMD11	-0.58	4.36E-01	1.00E+00	0.72	5.51E-01	9.25E-01
XLOC_002071	-0.43	6.60E-01	1.00E+00	-0.60	5.51E-01	9.25E-01
ILDR2	-2.50	1.10E-01	1.00E+00	0.83	5.51E-01	9.25E-01
AES	-0.17	4.53E-01	1.00E+00	0.29	5.51E-01	9.25E-01
G36170	0.62	5.23E-01	1.00E+00	-0.47	5.51E-01	9.25E-01
LCE1D	-3.61	1.66E-02	8.10E-01	0.57	5.51E-01	9.25E-01
DVL1	-0.07	7.53E-01	1.00E+00	0.41	5.51E-01	9.25E-01
UBAC2-AS1	-0.43	4.50E-01	1.00E+00	0.28	5.51E-01	9.25E-01
AL035446.2	-1.71	6.18E-01	1.00E+00	-0.67	5.52E-01	9.25E-01
XLOC_001489	-0.23	6.97E-01	1.00E+00	-0.38	5.52E-01	9.25E-01
FSCN2	-0.72	2.83E-01	1.00E+00	0.57	5.52E-01	9.25E-01
UPF2	0.08	6.56E-01	1.00E+00	0.16	5.52E-01	9.25E-01
CD1C	-0.71	1.81E-01	1.00E+00	0.28	5.52E-01	9.25E-01
LYPD6B	0.32	4.49E-01	1.00E+00	-0.44	5.52E-01	9.25E-01
AC092171.5	0.07	8.62E-01	1.00E+00	0.33	5.52E-01	9.25E-01
TOR1AIP2	0.22	3.57E-01	1.00E+00	0.16	5.52E-01	9.25E-01
LYSMD2	0.34	3.30E-01	1.00E+00	0.22	5.52E-01	9.25E-01
MAP3K9	0.22	6.37E-01	1.00E+00	0.35	5.52E-01	9.25E-01
DEPDC7	-0.01	9.85E-01	1.00E+00	0.27	5.52E-01	9.25E-01
TCEAL7	0.58	4.36E-01	1.00E+00	-0.34	5.52E-01	9.25E-01
CMTM6	0.33	3.45E-01	1.00E+00	-0.17	5.52E-01	9.25E-01
SMG1P1	-0.17	8.52E-01	1.00E+00	0.33	5.52E-01	9.25E-01
AC020916.1	-0.75	1.44E-01	1.00E+00	-0.19	5.52E-01	9.25E-01
AC107398.2	-1.34	4.68E-01	1.00E+00	-0.64	5.52E-01	9.25E-01
AC103957.2	0.79	3.43E-01	1.00E+00	0.46	5.52E-01	9.25E-01
DIS3L2	-0.30	1.40E-01	1.00E+00	0.21	5.52E-01	9.25E-01
MMS22L	0.03	9.03E-01	1.00E+00	-0.21	5.52E-01	9.25E-01
ZNF440	-0.18	4.58E-01	1.00E+00	-0.18	5.52E-01	9.25E-01
G35488	-0.95	3.87E-01	1.00E+00	-0.44	5.52E-01	9.25E-01
MAK16	0.22	4.89E-01	1.00E+00	-0.16	5.52E-01	9.25E-01

KRTAP3-1	-20.24	1.45E-09	7.84E-07	-1.90	5.52E-01	9.25E-01
SRP54-AS1	0.87	1.77E-01	1.00E+00	-0.30	5.52E-01	9.25E-01
DUS3L	-0.54	9.67E-02	1.00E+00	0.17	5.52E-01	9.25E-01
TSC1	0.47	1.23E-01	1.00E+00	0.12	5.52E-01	9.25E-01
AL356801.1	-1.71	5.60E-01	1.00E+00	-0.75	5.53E-01	9.25E-01
RAP2A	0.05	8.67E-01	1.00E+00	0.22	5.53E-01	9.25E-01
UNC119	-0.17	4.48E-01	1.00E+00	-0.21	5.53E-01	9.25E-01
AC036214.2	-0.42	2.95E-01	1.00E+00	0.33	5.53E-01	9.25E-01
A2M-AS1	0.45	4.51E-01	1.00E+00	0.39	5.53E-01	9.25E-01
CR1L	-1.73	6.12E-01	1.00E+00	0.87	5.53E-01	9.25E-01
TMEM184B	0.21	5.89E-01	1.00E+00	0.30	5.53E-01	9.25E-01
NEXN-AS1	-1.09	4.94E-01	1.00E+00	-0.51	5.53E-01	9.25E-01
TCF7L1-IT1	-1.24	7.19E-01	1.00E+00	1.14	5.53E-01	9.25E-01
ZNF317	-0.04	8.06E-01	1.00E+00	0.14	5.53E-01	9.25E-01
C11orf45	0.05	8.67E-01	1.00E+00	-0.29	5.53E-01	9.25E-01
SUSD1	0.69	1.10E-01	1.00E+00	0.50	5.53E-01	9.25E-01
GGA1	-0.22	2.29E-01	1.00E+00	0.27	5.53E-01	9.25E-01
FAM98C	-0.12	6.57E-01	1.00E+00	-0.28	5.53E-01	9.25E-01
UGT2A1	-1.61	4.03E-01	1.00E+00	-1.89	5.53E-01	9.25E-01
NR4A1	-2.49	4.35E-04	8.92E-02	0.44	5.53E-01	9.25E-01
UGT1A6	-0.83	3.51E-01	1.00E+00	-0.45	5.53E-01	9.25E-01
SOWAHC	-0.11	7.24E-01	1.00E+00	-0.23	5.53E-01	9.25E-01
SPATA5	-0.01	9.58E-01	1.00E+00	-0.13	5.53E-01	9.25E-01
AC118344.2	-0.72	5.65E-01	1.00E+00	0.55	5.53E-01	9.25E-01
HAS3	-0.25	6.66E-01	1.00E+00	0.53	5.54E-01	9.25E-01
AP2M1	-0.05	7.75E-01	1.00E+00	0.10	5.54E-01	9.25E-01
GGT6	-0.02	9.54E-01	1.00E+00	-0.34	5.54E-01	9.25E-01
CNN3	0.19	5.85E-01	1.00E+00	-0.20	5.54E-01	9.25E-01
AC005842.1	0.98	7.03E-01	1.00E+00	0.72	5.54E-01	9.25E-01
LINC01293	0.51	8.05E-01	1.00E+00	-1.12	5.54E-01	9.25E-01
BIRC5	1.06	6.75E-03	4.99E-01	0.32	5.54E-01	9.25E-01
WDR34	-0.26	2.88E-01	1.00E+00	0.13	5.54E-01	9.25E-01

AC092809.2	-0.89	2.73E-01	1.00E+00	-0.55	5.54E-01	9.25E-01
SYNE1	0.09	7.23E-01	1.00E+00	0.19	5.54E-01	9.25E-01
MIOS	0.28	2.83E-01	1.00E+00	-0.12	5.54E-01	9.25E-01
LINC00515	-2.80	3.52E-02	1.00E+00	-0.48	5.54E-01	9.25E-01
METTL16	0.06	7.14E-01	1.00E+00	0.21	5.54E-01	9.25E-01
ZBTB80S	0.22	2.48E-01	1.00E+00	-0.18	5.54E-01	9.25E-01
BMPR2	-0.12	4.75E-01	1.00E+00	0.13	5.54E-01	9.25E-01
GMPS	-0.12	5.00E-01	1.00E+00	-0.07	5.54E-01	9.25E-01
AC008537.2	-0.44	7.03E-01	1.00E+00	0.71	5.54E-01	9.25E-01
FBXL20	0.23	2.84E-01	1.00E+00	0.15	5.54E-01	9.25E-01
FEZ2	0.25	4.29E-01	1.00E+00	0.22	5.54E-01	9.25E-01
TRAK2	0.11	7.87E-01	1.00E+00	-0.21	5.54E-01	9.25E-01
TPMT	0.02	9.42E-01	1.00E+00	0.12	5.54E-01	9.25E-01
AC114490.3	-0.50	6.10E-01	1.00E+00	-0.46	5.54E-01	9.25E-01
ANKRA2	0.63	2.12E-02	8.94E-01	-0.16	5.54E-01	9.26E-01
AC138409.2	1.25	9.57E-02	1.00E+00	-0.31	5.54E-01	9.26E-01
BRMS1L	0.17	5.27E-01	1.00E+00	0.18	5.54E-01	9.26E-01
RPSAP70	0.33	6.67E-01	1.00E+00	-0.50	5.54E-01	9.26E-01
SNRPD3	0.05	7.39E-01	1.00E+00	-0.13	5.54E-01	9.26E-01
TRPM3	1.33	2.51E-01	1.00E+00	0.53	5.54E-01	9.26E-01
AC016739.1	0.01	9.82E-01	1.00E+00	-0.36	5.55E-01	9.26E-01
ZNF768	-0.06	7.63E-01	1.00E+00	0.31	5.55E-01	9.26E-01
TMSB15A	-0.72	5.90E-01	1.00E+00	0.44	5.55E-01	9.26E-01
SSC4D	0.65	3.43E-01	1.00E+00	0.32	5.55E-01	9.26E-01
CHUK	0.33	2.28E-01	1.00E+00	-0.30	5.55E-01	9.26E-01
CARD14	-0.26	5.48E-01	1.00E+00	0.34	5.55E-01	9.26E-01
EIF2B4	0.17	4.25E-01	1.00E+00	0.15	5.55E-01	9.26E-01
SEC31B	0.65	3.72E-01	1.00E+00	0.58	5.55E-01	9.26E-01
TSPYL1	0.11	4.60E-01	1.00E+00	0.22	5.55E-01	9.26E-01
SYTL4	1.15	3.04E-02	1.00E+00	0.35	5.55E-01	9.26E-01
GBP2	-0.36	1.06E-01	1.00E+00	0.24	5.55E-01	9.26E-01
AL135925.1	-0.82	5.68E-03	4.48E-01	-0.17	5.55E-01	9.26E-01

PPP1R16B	0.83	1.53E-01	1.00E+00	0.39	5.55E-01	9.26E-01
CELSR2	-0.34	3.28E-01	1.00E+00	0.34	5.55E-01	9.26E-01
TRIP6	-0.11	6.71E-01	1.00E+00	0.22	5.55E-01	9.26E-01
SLC4A2	-0.29	9.48E-02	1.00E+00	0.38	5.55E-01	9.26E-01
MRPS11	-0.13	5.76E-01	1.00E+00	0.14	5.55E-01	9.26E-01
BRAP	0.04	8.24E-01	1.00E+00	-0.12	5.55E-01	9.26E-01
TMEFF2	-0.94	3.34E-01	1.00E+00	0.61	5.55E-01	9.26E-01
C1orf50	0.14	6.75E-01	1.00E+00	0.36	5.55E-01	9.26E-01
GPIHBP1	1.14	4.17E-02	1.00E+00	-0.45	5.55E-01	9.26E-01
B3GNT9	-0.46	1.22E-01	1.00E+00	0.43	5.55E-01	9.26E-01
PTPN9	-0.01	9.74E-01	1.00E+00	0.30	5.55E-01	9.26E-01
ALDH1L1	1.44	2.25E-01	1.00E+00	-1.84	5.55E-01	9.26E-01
CLDN5	0.48	3.46E-01	1.00E+00	-0.36	5.55E-01	9.26E-01
EVA1B	0.12	7.04E-01	1.00E+00	0.40	5.55E-01	9.26E-01
PPP1R13B	-0.14	5.46E-01	1.00E+00	0.19	5.55E-01	9.26E-01
SLA2	-0.15	8.21E-01	1.00E+00	1.85	5.55E-01	9.26E-01
HSD17B10	0.02	9.12E-01	1.00E+00	-0.10	5.55E-01	9.26E-01
SH3KBP1	0.16	4.90E-01	1.00E+00	0.14	5.55E-01	9.26E-01
IL27RA	-0.12	7.32E-01	1.00E+00	0.37	5.55E-01	9.26E-01
ITK	0.48	4.92E-01	1.00E+00	1.70	5.56E-01	9.26E-01
RN7SL689P	-0.14	8.61E-01	1.00E+00	-0.31	5.56E-01	9.26E-01
SYNM	0.20	7.41E-01	1.00E+00	-0.33	5.56E-01	9.26E-01
RAB3GAP1	0.18	3.28E-01	1.00E+00	0.14	5.56E-01	9.26E-01
G34931	-0.59	4.22E-01	1.00E+00	0.67	5.56E-01	9.26E-01
EMC6	-2.56	3.23E-01	1.00E+00	0.54	5.56E-01	9.26E-01
KRT74	-10.41	1.52E-07	6.03E-05	-1.87	5.56E-01	9.26E-01
GLUD1P2	-1.46	1.82E-01	1.00E+00	-0.60	5.56E-01	9.26E-01
LINC02354	-3.24	8.28E-03	5.61E-01	-0.68	5.56E-01	9.26E-01
MALINC1	0.59	3.25E-01	1.00E+00	-0.30	5.56E-01	9.26E-01
LINC02463	-0.76	5.99E-01	1.00E+00	-0.67	5.56E-01	9.26E-01
LINC01554	-0.20	6.23E-01	1.00E+00	-0.24	5.56E-01	9.26E-01
SLC52A1	-0.21	6.58E-01	1.00E+00	-0.43	5.56E-01	9.26E-01

MMP24	-0.46	2.43E-01	1.00E+00	-0.58	5.56E-01	9.26E-01
RBM27	0.05	8.27E-01	1.00E+00	0.18	5.56E-01	9.26E-01
LINC00466	0.17	9.59E-01	1.00E+00	-1.18	5.57E-01	9.26E-01
G31022	0.64	3.24E-01	1.00E+00	-0.31	5.57E-01	9.26E-01
AC018755.3	-0.19	7.85E-01	1.00E+00	0.67	5.57E-01	9.26E-01
WI2-3658N16.1	-0.85	1.26E-01	1.00E+00	0.25	5.57E-01	9.26E-01
NDUFS6	-0.07	6.70E-01	1.00E+00	-0.16	5.57E-01	9.26E-01
GET4	-0.84	4.18E-01	1.00E+00	0.39	5.57E-01	9.26E-01
TYRO3	0.21	4.67E-01	1.00E+00	-0.21	5.57E-01	9.26E-01
DNAH6	0.95	3.12E-01	1.00E+00	-0.51	5.57E-01	9.26E-01
PURPL	-1.37	6.00E-01	1.00E+00	0.80	5.57E-01	9.26E-01
PPP1R16A	-0.10	7.64E-01	1.00E+00	-0.20	5.57E-01	9.27E-01
DLX6	0.72	2.50E-01	1.00E+00	0.39	5.57E-01	9.27E-01
MYO1D	-0.20	4.02E-01	1.00E+00	0.27	5.57E-01	9.27E-01
PRNP	-0.02	9.06E-01	1.00E+00	0.08	5.57E-01	9.27E-01
AC092611.1	-0.97	7.77E-01	1.00E+00	-1.05	5.57E-01	9.27E-01
LPAR6	0.05	8.69E-01	1.00E+00	-0.20	5.58E-01	9.27E-01
ZNF140	-0.05	7.91E-01	1.00E+00	-0.18	5.58E-01	9.27E-01
AL049844.2	0.84	6.39E-01	1.00E+00	0.74	5.58E-01	9.27E-01
RP11-782C8.5	-1.81	5.87E-01	1.00E+00	-0.50	5.58E-01	9.27E-01
TVP23A	-0.09	9.08E-01	1.00E+00	0.52	5.58E-01	9.27E-01
SAR1A	0.43	1.21E-01	1.00E+00	-0.16	5.58E-01	9.27E-01
CTBP2	0.21	4.70E-01	1.00E+00	0.18	5.58E-01	9.27E-01
AC016730.1	0.12	8.90E-01	1.00E+00	-0.66	5.58E-01	9.27E-01
DOLK	0.02	9.28E-01	1.00E+00	0.13	5.58E-01	9.27E-01
RPL22P24	-0.38	5.68E-01	1.00E+00	0.52	5.58E-01	9.27E-01
NTMT1	-0.12	5.97E-01	1.00E+00	0.15	5.58E-01	9.27E-01
DNAJC19P9	1.78	6.05E-01	1.00E+00	-0.39	5.58E-01	9.27E-01
CPD	0.25	3.25E-01	1.00E+00	0.18	5.58E-01	9.27E-01
GPR3	-1.16	2.14E-01	1.00E+00	0.62	5.59E-01	9.27E-01
HDAC6	-0.26	1.27E-01	1.00E+00	0.25	5.59E-01	9.27E-01
PDZPH1P	-2.63	1.81E-01	1.00E+00	-0.88	5.59E-01	9.27E-01

PARD6A	-0.32	4.56E-01	1.00E+00	0.43	5.59E-01	9.27E-01
ZC3H18	-0.12	5.97E-01	1.00E+00	0.35	5.59E-01	9.27E-01
AC137936.2	1.74	1.66E-01	1.00E+00	0.83	5.59E-01	9.27E-01
RNFT1-DT	1.73	6.11E-01	1.00E+00	0.50	5.59E-01	9.27E-01
ADRA1D	-0.08	9.13E-01	1.00E+00	0.66	5.59E-01	9.27E-01
ST13P19	-0.37	8.30E-01	1.00E+00	-0.35	5.59E-01	9.27E-01
ZNF749	-0.51	3.10E-01	1.00E+00	0.21	5.59E-01	9.27E-01
XLOC_014103	-1.37	1.79E-02	8.38E-01	-0.36	5.59E-01	9.27E-01
WDR82	0.08	5.28E-01	1.00E+00	0.24	5.59E-01	9.27E-01
ROR1-AS1	2.71	2.25E-01	1.00E+00	-0.51	5.59E-01	9.27E-01
AP001107.1	1.15	5.56E-01	1.00E+00	0.66	5.59E-01	9.27E-01
ZNF274	0.08	6.95E-01	1.00E+00	-0.14	5.59E-01	9.27E-01
SSR4	-0.28	9.13E-02	1.00E+00	0.15	5.59E-01	9.27E-01
XLOC_011766	0.60	7.55E-01	1.00E+00	0.70	5.59E-01	9.27E-01
PKIB	0.02	9.66E-01	1.00E+00	-0.35	5.59E-01	9.27E-01
MRPS9	-0.21	2.98E-01	1.00E+00	-0.21	5.59E-01	9.27E-01
FBLN5	0.57	2.39E-01	1.00E+00	0.29	5.59E-01	9.27E-01
EFCAB1	0.18	6.03E-01	1.00E+00	-0.38	5.59E-01	9.27E-01
TSHZ2	0.33	3.25E-01	1.00E+00	0.17	5.59E-01	9.27E-01
LINC00184	2.42	3.59E-01	1.00E+00	-0.87	5.59E-01	9.27E-01
LRP11	0.46	3.10E-01	1.00E+00	-0.37	5.59E-01	9.27E-01
AL691403.2	-3.61	3.44E-02	1.00E+00	0.55	5.59E-01	9.27E-01
RPL7AP66	0.39	6.32E-01	1.00E+00	0.52	5.59E-01	9.27E-01
ATP1A1	-0.04	9.09E-01	1.00E+00	0.26	5.59E-01	9.27E-01
AC099329.2	-0.70	6.73E-01	1.00E+00	0.73	5.59E-01	9.27E-01
CENPX	-0.21	3.27E-01	1.00E+00	0.17	5.59E-01	9.27E-01
DAGLB	0.23	3.55E-01	1.00E+00	0.20	5.59E-01	9.27E-01
DIMT1	0.00	9.99E-01	1.00E+00	0.13	5.59E-01	9.27E-01
KIF1C	0.06	8.09E-01	1.00E+00	0.30	5.60E-01	9.27E-01
G3900	0.21	8.28E-01	1.00E+00	-0.40	5.60E-01	9.27E-01
DNER	0.00	9.95E-01	1.00E+00	-0.44	5.60E-01	9.27E-01
AL049840.2	0.07	9.60E-01	1.00E+00	-0.52	5.60E-01	9.27E-01

USP7	0.07	7.73E-01	1.00E+00	-0.19	5.60E-01	9.27E-01
AL139383.1	-0.49	4.94E-01	1.00E+00	-0.31	5.60E-01	9.27E-01
TPST2	0.20	4.37E-01	1.00E+00	0.14	5.60E-01	9.27E-01
SLC52A3	0.70	7.65E-02	1.00E+00	-0.36	5.60E-01	9.27E-01
AL604028.2	0.89	4.31E-01	1.00E+00	0.58	5.60E-01	9.27E-01
BCAS2P2	-1.12	7.40E-01	1.00E+00	-0.35	5.60E-01	9.27E-01
MRPL37P1	-0.34	8.14E-01	1.00E+00	-0.66	5.60E-01	9.27E-01
ROGDI	-0.46	3.88E-01	1.00E+00	-0.15	5.60E-01	9.27E-01
AC022915.2	0.76	4.41E-01	1.00E+00	-0.81	5.60E-01	9.27E-01
MIR4432HG	-0.76	1.13E-01	1.00E+00	0.46	5.60E-01	9.27E-01
FOPNL	0.40	9.73E-02	1.00E+00	-0.19	5.60E-01	9.27E-01
LINC01070	3.28	2.05E-01	1.00E+00	-0.78	5.60E-01	9.27E-01
COX6B2	-1.54	7.01E-02	1.00E+00	-0.73	5.60E-01	9.27E-01
STAG3L1	0.14	8.19E-01	1.00E+00	0.22	5.60E-01	9.27E-01
SSTR1	0.26	6.42E-01	1.00E+00	0.59	5.60E-01	9.28E-01
AC022148.1	-2.58	1.71E-01	1.00E+00	0.94	5.60E-01	9.28E-01
VLDLR	1.06	1.61E-01	1.00E+00	-0.31	5.60E-01	9.28E-01
AC002350.1	0.08	9.29E-01	1.00E+00	0.29	5.61E-01	9.28E-01
CYP4F12	-0.01	9.83E-01	1.00E+00	-0.28	5.61E-01	9.28E-01
AC040970.1	0.38	6.77E-01	1.00E+00	0.40	5.61E-01	9.28E-01
COG1	-0.18	3.49E-01	1.00E+00	-0.10	5.61E-01	9.28E-01
PLCXD3	0.55	3.32E-01	1.00E+00	0.50	5.61E-01	9.28E-01
MORF4L2-AS1	0.02	9.93E-01	1.00E+00	-0.51	5.61E-01	9.28E-01
CEACAM6	-0.51	4.10E-01	1.00E+00	-0.37	5.61E-01	9.28E-01
PHF23	0.01	9.76E-01	1.00E+00	0.28	5.61E-01	9.28E-01
VNN2	0.57	5.33E-01	1.00E+00	0.63	5.61E-01	9.28E-01
CLDN7	0.64	3.73E-01	1.00E+00	-0.23	5.61E-01	9.28E-01
AC007389.3	-0.70	4.92E-01	1.00E+00	-0.68	5.61E-01	9.28E-01
METTL15	0.01	9.66E-01	1.00E+00	-0.14	5.61E-01	9.28E-01
TAS1R1	0.55	5.47E-01	1.00E+00	-0.75	5.61E-01	9.28E-01
FPR2	0.27	8.77E-01	1.00E+00	1.83	5.61E-01	9.28E-01
SRP14P2	0.56	8.71E-01	1.00E+00	-0.38	5.61E-01	9.28E-01

XLOC_004829	-2.53	3.13E-02	1.00E+00	-0.36	5.61E-01	9.28E-01
AL080317.3	0.44	7.38E-01	1.00E+00	-0.38	5.61E-01	9.28E-01
HIST3H2A	-0.31	5.19E-01	1.00E+00	0.29	5.61E-01	9.28E-01
NKAPD1	0.19	2.99E-01	1.00E+00	0.11	5.62E-01	9.28E-01
ARF5	-0.15	5.61E-01	1.00E+00	0.12	5.62E-01	9.28E-01
AC008105.3	-1.32	4.63E-01	1.00E+00	0.63	5.62E-01	9.28E-01
IGFBP5	0.74	1.49E-01	1.00E+00	0.29	5.62E-01	9.28E-01
CNTROB	-0.11	6.13E-01	1.00E+00	0.28	5.62E-01	9.28E-01
MGLL	0.69	1.89E-01	1.00E+00	-0.25	5.62E-01	9.28E-01
RP11-417J8.6	0.74	4.69E-01	1.00E+00	0.47	5.62E-01	9.28E-01
SP3	0.04	8.62E-01	1.00E+00	-0.16	5.62E-01	9.28E-01
MUC3A	-0.40	7.82E-01	1.00E+00	0.68	5.62E-01	9.28E-01
PANK2	0.18	3.82E-01	1.00E+00	-0.30	5.62E-01	9.28E-01
DDX3X	0.05	8.53E-01	1.00E+00	0.11	5.62E-01	9.28E-01
PYGB	-0.16	6.74E-01	1.00E+00	-0.26	5.62E-01	9.28E-01
AC124798.1	0.19	7.14E-01	1.00E+00	-0.43	5.62E-01	9.28E-01
PKIA-AS1	-2.49	2.47E-01	1.00E+00	0.58	5.62E-01	9.28E-01
PHC1	0.10	8.04E-01	1.00E+00	0.39	5.62E-01	9.28E-01
KIAA0040	-0.15	6.29E-01	1.00E+00	-0.32	5.62E-01	9.28E-01
LINC00622	1.37	2.20E-01	1.00E+00	1.46	5.62E-01	9.28E-01
AC068522.1	-0.23	9.23E-01	1.00E+00	0.31	5.62E-01	9.28E-01
PERM1	0.21	6.52E-01	1.00E+00	0.33	5.62E-01	9.28E-01
WASH2P	0.52	7.37E-01	1.00E+00	0.31	5.62E-01	9.28E-01
AC083973.1	-1.41	4.71E-02	1.00E+00	0.38	5.62E-01	9.28E-01
ZNF549	0.18	6.50E-01	1.00E+00	-0.27	5.62E-01	9.28E-01
AC022107.1	-0.29	4.51E-01	1.00E+00	0.35	5.62E-01	9.28E-01
SART1	-0.17	4.23E-01	1.00E+00	0.32	5.62E-01	9.28E-01
NSFL1C	-0.12	5.53E-01	1.00E+00	0.10	5.62E-01	9.28E-01
UTY	0.34	5.56E-01	1.00E+00	-0.50	5.63E-01	9.28E-01
AC138356.2	0.16	8.38E-01	1.00E+00	-0.28	5.63E-01	9.28E-01
G35086	0.13	8.75E-01	1.00E+00	-0.46	5.63E-01	9.28E-01
CYP51A1P2	1.32	6.04E-01	1.00E+00	-0.30	5.63E-01	9.28E-01

IBA57-DT	-0.71	6.37E-01	1.00E+00	-0.66	5.63E-01	9.28E-01
AF001548.2	0.50	3.63E-01	1.00E+00	-0.35	5.63E-01	9.28E-01
SYNPO2	-0.28	5.84E-01	1.00E+00	0.24	5.63E-01	9.28E-01
EPHB1	-0.04	9.11E-01	1.00E+00	-0.26	5.63E-01	9.28E-01
INSYN1	0.20	6.20E-01	1.00E+00	-0.54	5.63E-01	9.28E-01
ZNF516	-0.19	4.42E-01	1.00E+00	0.21	5.63E-01	9.28E-01
NSMCE2	-0.10	6.69E-01	1.00E+00	-0.12	5.63E-01	9.28E-01
HSBP1	0.02	9.14E-01	1.00E+00	-0.17	5.63E-01	9.28E-01
MAGEH1	0.16	6.32E-01	1.00E+00	0.18	5.63E-01	9.28E-01
PPP1R21	-0.07	6.95E-01	1.00E+00	-0.10	5.63E-01	9.28E-01
MEIS2	-0.03	9.41E-01	1.00E+00	0.27	5.63E-01	9.28E-01
DOCK1	0.29	2.69E-01	1.00E+00	0.14	5.63E-01	9.28E-01
SLU7	0.11	5.02E-01	1.00E+00	-0.11	5.63E-01	9.28E-01
LINS1	-0.08	8.41E-01	1.00E+00	-0.19	5.63E-01	9.28E-01
ASCL2	-0.09	8.13E-01	1.00E+00	-0.51	5.63E-01	9.28E-01
CNBD2	0.04	9.69E-01	1.00E+00	-0.53	5.63E-01	9.28E-01
SPAG9	-0.01	9.77E-01	1.00E+00	0.21	5.63E-01	9.28E-01
SREBF2	0.07	8.26E-01	1.00E+00	-0.32	5.63E-01	9.28E-01
LINC00235	-0.12	7.84E-01	1.00E+00	0.49	5.63E-01	9.28E-01
PFN1P1	0.83	7.11E-01	1.00E+00	-0.39	5.63E-01	9.28E-01
RAB11FIP3	-0.24	4.07E-01	1.00E+00	0.49	5.64E-01	9.28E-01
RAP1GDS1	0.04	8.30E-01	1.00E+00	0.07	5.64E-01	9.28E-01
RRAGB	0.49	2.60E-02	9.40E-01	-0.16	5.64E-01	9.28E-01
CXCL6	2.30	3.58E-01	1.00E+00	1.84	5.64E-01	9.28E-01
ZNF418	0.12	7.75E-01	1.00E+00	-0.33	5.64E-01	9.28E-01
MTSS1	-0.14	6.12E-01	1.00E+00	0.14	5.64E-01	9.28E-01
ARHGEF26-AS1	-0.40	6.70E-01	1.00E+00	0.44	5.64E-01	9.28E-01
ADARB1	0.00	9.95E-01	1.00E+00	0.31	5.64E-01	9.28E-01
AL157786.1	1.93	2.42E-01	1.00E+00	0.56	5.64E-01	9.28E-01
TRAPPC2	0.39	2.34E-01	1.00E+00	-0.17	5.64E-01	9.28E-01
EMC9	-0.09	7.86E-01	1.00E+00	-0.15	5.64E-01	9.28E-01
DGLUCY	-0.17	4.25E-01	1.00E+00	0.10	5.64E-01	9.28E-01

XLOC_007999	0.52	7.16E-01	1.00E+00	-0.53	5.64E-01	9.28E-01
SCAMP3	-0.10	5.59E-01	1.00E+00	-0.13	5.64E-01	9.28E-01
MATN1-AS1	0.68	5.03E-01	1.00E+00	-0.53	5.64E-01	9.28E-01
AC012442.1	0.02	9.86E-01	1.00E+00	-0.49	5.64E-01	9.28E-01
DCC	0.46	5.44E-01	1.00E+00	-0.77	5.64E-01	9.28E-01
EBF1	0.58	2.84E-01	1.00E+00	-0.28	5.64E-01	9.28E-01
MROH3P	-2.40	3.02E-01	1.00E+00	0.69	5.64E-01	9.28E-01
SYBU	0.61	1.24E-02	6.93E-01	-0.21	5.64E-01	9.28E-01
AC136604.3	-1.13	4.83E-01	1.00E+00	-0.40	5.64E-01	9.28E-01
DHX16	-0.14	5.33E-01	1.00E+00	0.18	5.64E-01	9.28E-01
AC006970.1	NA	NA	NA	-0.91	5.64E-01	9.28E-01
RANGRF	-0.23	9.43E-01	1.00E+00	-0.39	5.64E-01	9.28E-01
G7822	0.12	8.94E-01	1.00E+00	-0.44	5.64E-01	9.29E-01
C1QTNF7	1.08	2.55E-02	9.29E-01	0.42	5.64E-01	9.29E-01
RAB9A	0.10	6.44E-01	1.00E+00	-0.15	5.65E-01	9.29E-01
MED27	-0.39	1.19E-01	1.00E+00	0.10	5.65E-01	9.29E-01
AP000254.1	1.10	1.43E-01	1.00E+00	-0.26	5.65E-01	9.29E-01
TMEM44-AS1	0.08	8.42E-01	1.00E+00	-0.22	5.65E-01	9.29E-01
BCL2	0.35	1.20E-01	1.00E+00	0.27	5.65E-01	9.29E-01
AC241585.1	-1.76	8.72E-02	1.00E+00	0.42	5.65E-01	9.29E-01
PCNA	-0.16	5.20E-01	1.00E+00	0.12	5.65E-01	9.29E-01
PPEF1	-1.68	5.56E-02	1.00E+00	0.70	5.65E-01	9.29E-01
AC005840.3	1.56	4.48E-01	1.00E+00	0.73	5.65E-01	9.29E-01
RHBDD2	-0.27	2.00E-01	1.00E+00	0.08	5.65E-01	9.29E-01
VSIG2	0.10	8.78E-01	1.00E+00	-0.38	5.65E-01	9.29E-01
MUC16	-0.17	8.90E-01	1.00E+00	-0.58	5.65E-01	9.29E-01
SNX4	0.33	1.77E-01	1.00E+00	-0.15	5.65E-01	9.29E-01
ZNF69	-0.61	3.96E-01	1.00E+00	0.28	5.65E-01	9.29E-01
WWTR1-AS1	-0.10	9.05E-01	1.00E+00	0.54	5.65E-01	9.29E-01
XLOC_007993	-1.24	2.70E-02	9.59E-01	0.41	5.65E-01	9.29E-01
CENPC	-0.13	5.16E-01	1.00E+00	-0.14	5.65E-01	9.29E-01
GRHL1	-0.06	8.82E-01	1.00E+00	-0.25	5.65E-01	9.29E-01

ZG16B	0.09	8.84E-01	1.00E+00	-0.22	5.65E-01	9.29E-01
XLOC_006630	-0.24	7.84E-01	1.00E+00	-0.39	5.65E-01	9.29E-01
TMEM192	0.27	1.96E-01	1.00E+00	-0.11	5.66E-01	9.29E-01
AC084871.1	2.74	1.93E-01	1.00E+00	0.39	5.66E-01	9.29E-01
AC023794.3	-0.42	5.02E-01	1.00E+00	0.43	5.66E-01	9.29E-01
TFB2M	0.29	3.43E-01	1.00E+00	-0.15	5.66E-01	9.29E-01
ACTG1P3	0.64	6.88E-01	1.00E+00	-0.89	5.66E-01	9.29E-01
KRTAP13-2	-6.43	2.82E-02	9.75E-01	1.48	5.66E-01	9.29E-01
AC009414.2	0.08	8.75E-01	1.00E+00	-0.34	5.66E-01	9.29E-01
KRTAP10-6	-1.60	4.78E-01	1.00E+00	1.81	5.66E-01	9.29E-01
G23773	-2.50	1.30E-01	1.00E+00	-0.66	5.66E-01	9.29E-01
AC006378.1	-0.50	5.20E-01	1.00E+00	0.34	5.66E-01	9.29E-01
DDX54	-0.25	2.72E-01	1.00E+00	0.27	5.66E-01	9.29E-01
ALYREF	-0.14	5.73E-01	1.00E+00	-0.37	5.66E-01	9.29E-01
ABHD14A	-1.16	7.66E-02	1.00E+00	-0.33	5.66E-01	9.29E-01
NBPF24	0.59	3.77E-01	1.00E+00	0.42	5.66E-01	9.29E-01
HSD17B11	0.32	4.36E-01	1.00E+00	-0.19	5.66E-01	9.29E-01
TAF4	-0.09	7.44E-01	1.00E+00	0.26	5.66E-01	9.29E-01
AC015712.6	0.75	5.41E-01	1.00E+00	-0.65	5.66E-01	9.29E-01
RFX2	-0.27	5.86E-01	1.00E+00	0.17	5.66E-01	9.29E-01
FLT3	-0.18	7.51E-01	1.00E+00	-0.47	5.66E-01	9.29E-01
SREBF1	-0.33	3.33E-01	1.00E+00	-0.42	5.66E-01	9.29E-01
CHODL	-0.60	4.23E-02	1.00E+00	-0.25	5.66E-01	9.29E-01
G19261	-1.16	1.73E-01	1.00E+00	-0.54	5.66E-01	9.29E-01
USP24	0.34	1.91E-01	1.00E+00	0.23	5.66E-01	9.29E-01
CSF1	0.06	8.46E-01	1.00E+00	0.38	5.66E-01	9.29E-01
ZNF674-AS1	0.22	6.24E-01	1.00E+00	0.25	5.66E-01	9.29E-01
SIKE1	0.25	3.19E-01	1.00E+00	-0.14	5.66E-01	9.29E-01
EIF4BP7	0.19	7.07E-01	1.00E+00	0.25	5.66E-01	9.29E-01
AP006219.1	-0.18	9.23E-01	1.00E+00	0.84	5.67E-01	9.29E-01
MGC4771	3.39	1.63E-01	1.00E+00	-0.45	5.67E-01	9.29E-01
FAM166B	-0.62	2.19E-01	1.00E+00	-0.46	5.67E-01	9.29E-01

GPATCH4	-0.18	4.49E-01	1.00E+00	0.16	5.67E-01	9.29E-01
AC079834.2	-0.82	1.86E-01	1.00E+00	-0.34	5.67E-01	9.29E-01
BNC2	-0.09	8.52E-01	1.00E+00	0.21	5.67E-01	9.29E-01
FAM161B	0.29	3.81E-01	1.00E+00	-0.23	5.67E-01	9.29E-01
B4GALT7	0.02	9.23E-01	1.00E+00	-0.14	5.67E-01	9.29E-01
AL162718.1	-1.91	4.97E-01	1.00E+00	-0.51	5.67E-01	9.29E-01
UVSSA	-0.08	8.17E-01	1.00E+00	0.16	5.67E-01	9.29E-01
CA3	0.39	6.40E-01	1.00E+00	-1.45	5.67E-01	9.29E-01
ACTBP2	0.39	9.10E-01	1.00E+00	0.47	5.67E-01	9.29E-01
AC010273.2	-0.12	9.73E-01	1.00E+00	0.63	5.67E-01	9.29E-01
IGLV9-49	2.25	5.10E-01	1.00E+00	1.60	5.67E-01	9.29E-01
DNASE2	0.07	7.09E-01	1.00E+00	0.13	5.67E-01	9.29E-01
TBC1D15	0.08	7.39E-01	1.00E+00	-0.09	5.67E-01	9.29E-01
ITGAV	0.00	9.87E-01	1.00E+00	0.15	5.67E-01	9.29E-01
KLHL2P1	-3.23	1.61E-01	1.00E+00	0.52	5.67E-01	9.29E-01
CSTF1	0.14	4.32E-01	1.00E+00	-0.14	5.67E-01	9.29E-01
HECTD1	0.13	5.70E-01	1.00E+00	0.15	5.67E-01	9.29E-01
XLOC_008072	-0.69	5.84E-02	1.00E+00	-0.32	5.68E-01	9.29E-01
G4330	-1.26	4.83E-02	1.00E+00	0.46	5.68E-01	9.29E-01
BCS1L	-0.13	5.59E-01	1.00E+00	-0.15	5.68E-01	9.29E-01
CHL1	-0.10	7.72E-01	1.00E+00	-0.23	5.68E-01	9.29E-01
AC087071.1	-0.82	7.31E-01	1.00E+00	-0.70	5.68E-01	9.29E-01
AL133342.1	-0.93	7.87E-01	1.00E+00	-0.98	5.68E-01	9.29E-01
ZNF428	-0.12	7.68E-01	1.00E+00	0.29	5.68E-01	9.29E-01
TMEM14DP	1.93	5.74E-01	1.00E+00	-0.31	5.68E-01	9.29E-01
RPSAP9	-1.04	2.14E-01	1.00E+00	-0.28	5.68E-01	9.29E-01
ZNF728	-2.24	1.56E-01	1.00E+00	0.84	5.68E-01	9.30E-01
TCTEX1D4	-0.87	5.30E-01	1.00E+00	0.64	5.68E-01	9.30E-01
VIM	0.12	7.40E-01	1.00E+00	0.19	5.68E-01	9.30E-01
ADORA3	0.77	4.00E-01	1.00E+00	0.45	5.68E-01	9.30E-01
XLOC_003364	-3.06	1.10E-01	1.00E+00	-0.67	5.68E-01	9.30E-01
SSNA1	-0.12	6.25E-01	1.00E+00	0.11	5.68E-01	9.30E-01

CDK8	0.03	9.04E-01	1.00E+00	0.30	5.68E-01	9.30E-01
LINC00702	0.34	5.11E-01	1.00E+00	-0.32	5.68E-01	9.30E-01
SLC1A4	-0.14	6.14E-01	1.00E+00	-0.22	5.68E-01	9.30E-01
LINC00877	0.76	5.18E-01	1.00E+00	0.43	5.68E-01	9.30E-01
RABIF	0.13	5.04E-01	1.00E+00	0.16	5.68E-01	9.30E-01
XLOC_013461	-0.22	7.16E-01	1.00E+00	-0.45	5.69E-01	9.30E-01
SCNM1	-0.17	3.76E-01	1.00E+00	0.14	5.69E-01	9.30E-01
S100A12	-1.10	6.79E-01	1.00E+00	1.79	5.69E-01	9.30E-01
CHD4	-0.06	8.46E-01	1.00E+00	-0.18	5.69E-01	9.30E-01
HOXC8	0.09	7.93E-01	1.00E+00	0.22	5.69E-01	9.30E-01
SGCB	0.48	1.50E-01	1.00E+00	-0.18	5.69E-01	9.30E-01
PARBPB	0.62	2.92E-01	1.00E+00	-0.18	5.69E-01	9.30E-01
FUK	-0.12	5.35E-01	1.00E+00	0.28	5.69E-01	9.30E-01
AC246817.2	0.57	3.98E-01	1.00E+00	-0.38	5.69E-01	9.30E-01
ZNF624	-0.13	7.12E-01	1.00E+00	0.17	5.69E-01	9.30E-01
AC091982.1	0.54	6.11E-01	1.00E+00	0.60	5.69E-01	9.30E-01
IPO11	0.03	8.97E-01	1.00E+00	0.16	5.69E-01	9.30E-01
IRAK1	-0.11	5.50E-01	1.00E+00	0.33	5.69E-01	9.30E-01
AP001528.2	0.92	3.67E-01	1.00E+00	-0.46	5.69E-01	9.30E-01
AC006566.1	-0.64	8.49E-01	1.00E+00	-0.62	5.69E-01	9.30E-01
TRBV28	-0.03	9.80E-01	1.00E+00	-0.75	5.69E-01	9.30E-01
MIR570	-1.50	6.52E-01	1.00E+00	-0.49	5.69E-01	9.30E-01
DNAJC30	0.02	9.55E-01	1.00E+00	0.12	5.69E-01	9.30E-01
HCAR1	1.03	3.96E-01	1.00E+00	0.51	5.69E-01	9.30E-01
ANKRD23	-0.26	8.36E-01	1.00E+00	0.52	5.69E-01	9.30E-01
ZNHIT1	-0.08	5.92E-01	1.00E+00	0.11	5.69E-01	9.30E-01
IRF8	-0.01	9.88E-01	1.00E+00	0.37	5.69E-01	9.30E-01
RAPH1	-0.23	4.67E-01	1.00E+00	0.30	5.69E-01	9.30E-01
PTCH2	0.01	9.92E-01	1.00E+00	0.43	5.70E-01	9.30E-01
IGKV1-8	1.23	6.58E-01	1.00E+00	1.82	5.70E-01	9.30E-01
ASB3	-1.28	2.45E-01	1.00E+00	-0.33	5.70E-01	9.30E-01
PRAME	1.60	6.32E-01	1.00E+00	0.95	5.70E-01	9.30E-01

SLC25A44	0.08	6.61E-01	1.00E+00	0.13	5.70E-01	9.30E-01
AC244033.2	-0.02	9.75E-01	1.00E+00	0.42	5.70E-01	9.30E-01
AC073410.1	-1.63	3.42E-01	1.00E+00	0.73	5.70E-01	9.30E-01
HEATR5A	0.44	1.96E-01	1.00E+00	-0.18	5.70E-01	9.30E-01
AC015911.7	0.28	7.89E-01	1.00E+00	1.80	5.70E-01	9.30E-01
G33445	0.23	5.27E-01	1.00E+00	0.29	5.70E-01	9.30E-01
SERPINA11	-2.84	7.81E-03	5.43E-01	-0.64	5.70E-01	9.30E-01
TNPO1	0.33	1.31E-01	1.00E+00	0.13	5.70E-01	9.30E-01
TMED8	0.15	5.32E-01	1.00E+00	0.19	5.70E-01	9.30E-01
ZNF222	-0.28	5.34E-01	1.00E+00	0.32	5.70E-01	9.30E-01
BIVM	0.41	2.85E-01	1.00E+00	-0.17	5.70E-01	9.30E-01
LHFPL1	0.38	7.75E-01	1.00E+00	0.72	5.70E-01	9.30E-01
LATS1	-0.06	7.76E-01	1.00E+00	-0.18	5.70E-01	9.30E-01
FRMD7	-1.17	2.36E-01	1.00E+00	-1.49	5.70E-01	9.30E-01
PHC1P1	-0.79	7.98E-02	1.00E+00	0.55	5.70E-01	9.30E-01
AKAP10	0.16	3.45E-01	1.00E+00	-0.21	5.70E-01	9.30E-01
MORF4L1	0.24	2.85E-01	1.00E+00	-0.12	5.70E-01	9.30E-01
ICMT	-0.16	2.88E-01	1.00E+00	0.16	5.71E-01	9.30E-01
IQGAP2	0.20	7.36E-01	1.00E+00	0.32	5.71E-01	9.30E-01
AC007342.5	-1.04	4.29E-01	1.00E+00	0.54	5.71E-01	9.30E-01
CD81-AS1	-0.18	8.47E-01	1.00E+00	-0.73	5.71E-01	9.30E-01
AC004112.1	-1.13	4.95E-01	1.00E+00	-0.57	5.71E-01	9.30E-01
CDK7	0.16	5.51E-01	1.00E+00	-0.20	5.71E-01	9.30E-01
AC022034.1	0.15	7.66E-01	1.00E+00	-0.37	5.71E-01	9.30E-01
NBEAL1	0.19	5.01E-01	1.00E+00	-0.17	5.71E-01	9.30E-01
AC122713.2	1.06	5.82E-01	1.00E+00	0.83	5.71E-01	9.30E-01
PRKXP1	-0.99	3.12E-01	1.00E+00	-0.66	5.71E-01	9.30E-01
AC023794.2	0.50	7.97E-01	1.00E+00	-0.58	5.71E-01	9.30E-01
RNF126	-0.31	3.78E-01	1.00E+00	-0.18	5.71E-01	9.30E-01
UBE2D1	0.13	7.00E-01	1.00E+00	-0.19	5.71E-01	9.30E-01
OR7E39P	0.29	7.59E-01	1.00E+00	-0.49	5.71E-01	9.30E-01
PCDHGA9	-0.19	6.22E-01	1.00E+00	-0.39	5.71E-01	9.30E-01

PLEKHH1	-0.48	2.43E-01	1.00E+00	-0.28	5.71E-01	9.30E-01
NUP155	-0.10	6.43E-01	1.00E+00	-0.11	5.71E-01	9.30E-01
PIGA	-0.08	8.20E-01	1.00E+00	0.19	5.71E-01	9.30E-01
MESP1	2.31	1.52E-01	1.00E+00	-0.45	5.71E-01	9.30E-01
ACVR2B-AS1	-0.35	5.36E-01	1.00E+00	0.44	5.71E-01	9.30E-01
LTBP4	0.14	6.90E-01	1.00E+00	-0.31	5.71E-01	9.30E-01
AL356273.3	0.59	1.84E-01	1.00E+00	0.48	5.71E-01	9.30E-01
AC005736.1	0.66	3.17E-01	1.00E+00	-0.40	5.71E-01	9.30E-01
RNF10	-0.04	7.65E-01	1.00E+00	-0.19	5.71E-01	9.30E-01
AC124242.1	-0.53	4.07E-01	1.00E+00	-0.34	5.71E-01	9.30E-01
FUCA2	0.01	9.78E-01	1.00E+00	0.20	5.71E-01	9.30E-01
EID2B	0.12	8.34E-01	1.00E+00	0.29	5.72E-01	9.30E-01
ZNF366	0.18	7.49E-01	1.00E+00	-0.36	5.72E-01	9.30E-01
ADM5	-0.77	1.95E-02	8.75E-01	0.30	5.72E-01	9.30E-01
NR5A2	0.46	3.20E-01	1.00E+00	0.29	5.72E-01	9.30E-01
SAXO2	0.32	5.67E-01	1.00E+00	0.30	5.72E-01	9.30E-01
OR7E91P	0.57	2.37E-01	1.00E+00	-0.37	5.72E-01	9.30E-01
LINC01388	-2.44	2.72E-01	1.00E+00	-1.04	5.72E-01	9.30E-01
ANGPT4	0.40	4.87E-01	1.00E+00	-0.49	5.72E-01	9.30E-01
AC012074.1	-1.34	1.85E-01	1.00E+00	-0.71	5.72E-01	9.30E-01
7-Mar	-0.04	8.77E-01	1.00E+00	-0.12	5.72E-01	9.30E-01
AL583785.1	-0.71	4.23E-01	1.00E+00	0.32	5.72E-01	9.30E-01
PTPN18	-0.08	7.99E-01	1.00E+00	0.33	5.72E-01	9.30E-01
MIR4442	-0.63	3.57E-01	1.00E+00	0.94	5.72E-01	9.30E-01
PPP2R5A	0.30	2.18E-01	1.00E+00	-0.24	5.72E-01	9.30E-01
RPP40	-0.43	2.44E-01	1.00E+00	-0.20	5.72E-01	9.30E-01
SIX2	0.56	4.60E-01	1.00E+00	-0.66	5.72E-01	9.30E-01
KLC1	-0.13	6.37E-01	1.00E+00	0.19	5.72E-01	9.30E-01
LINC01914	-0.37	9.12E-01	1.00E+00	0.50	5.72E-01	9.31E-01
BACE2	-0.05	8.40E-01	1.00E+00	0.28	5.72E-01	9.31E-01
LINC01290	0.50	7.36E-01	1.00E+00	0.52	5.72E-01	9.31E-01
CDCA7	-0.37	2.72E-01	1.00E+00	-0.22	5.73E-01	9.31E-01

AC125494.2	-0.80	3.79E-01	1.00E+00	-0.65	5.73E-01	9.31E-01
NUMA1	-0.11	6.49E-01	1.00E+00	0.31	5.73E-01	9.31E-01
SELENOH	-0.16	4.85E-01	1.00E+00	0.23	5.73E-01	9.31E-01
GNG5	-0.33	4.45E-01	1.00E+00	0.39	5.73E-01	9.31E-01
FAM199X	0.19	4.05E-01	1.00E+00	-0.18	5.73E-01	9.31E-01
VT11B	0.39	7.48E-02	1.00E+00	-0.18	5.73E-01	9.31E-01
AC012368.1	0.07	8.95E-01	1.00E+00	0.44	5.73E-01	9.31E-01
HYLS1	0.00	9.95E-01	1.00E+00	0.14	5.73E-01	9.31E-01
AC016027.1	0.26	8.16E-01	1.00E+00	-0.28	5.73E-01	9.31E-01
G40865	-0.53	5.03E-01	1.00E+00	0.31	5.73E-01	9.31E-01
SPDYE3	-0.45	1.61E-01	1.00E+00	-0.20	5.73E-01	9.31E-01
GADD45A	-0.02	9.57E-01	1.00E+00	-0.26	5.73E-01	9.31E-01
HAUS4	0.19	4.86E-01	1.00E+00	0.20	5.73E-01	9.31E-01
IRF1	-1.01	8.77E-04	1.50E-01	0.33	5.73E-01	9.31E-01
MAVS	0.08	7.94E-01	1.00E+00	0.21	5.73E-01	9.31E-01
MYO18B	-0.71	5.17E-01	1.00E+00	-0.68	5.73E-01	9.31E-01
GNAI2	0.02	9.42E-01	1.00E+00	0.33	5.73E-01	9.31E-01
MIPEPP3	-1.07	2.30E-02	9.12E-01	0.16	5.73E-01	9.31E-01
CA14	0.20	6.70E-01	1.00E+00	0.28	5.73E-01	9.31E-01
ASCC1	0.00	9.82E-01	1.00E+00	-0.12	5.73E-01	9.31E-01
AL139011.1	-2.90	7.77E-02	1.00E+00	-0.38	5.73E-01	9.31E-01
HTR1F	0.23	7.62E-01	1.00E+00	0.52	5.74E-01	9.31E-01
AC004908.1	1.32	3.73E-01	1.00E+00	-0.67	5.74E-01	9.31E-01
PLP1	-0.87	5.99E-02	1.00E+00	-0.25	5.74E-01	9.31E-01
ART4	0.27	6.93E-01	1.00E+00	0.47	5.74E-01	9.31E-01
TIGD4	-0.05	9.63E-01	1.00E+00	0.55	5.74E-01	9.31E-01
PEX16	-0.26	2.87E-01	1.00E+00	0.11	5.74E-01	9.31E-01
TRIP13	-0.06	8.74E-01	1.00E+00	0.24	5.74E-01	9.31E-01
QSER1	0.00	9.98E-01	1.00E+00	0.22	5.74E-01	9.31E-01
ARL8B	0.13	5.45E-01	1.00E+00	-0.10	5.74E-01	9.31E-01
AC022364.1	0.00	9.96E-01	1.00E+00	-0.27	5.74E-01	9.31E-01
NPPA	0.90	7.96E-01	1.00E+00	1.08	5.74E-01	9.31E-01

TIMM29	0.03	8.92E-01	1.00E+00	-0.20	5.74E-01	9.31E-01
IL17D	0.64	2.12E-01	1.00E+00	-0.29	5.74E-01	9.31E-01
AC008894.3	0.67	6.43E-01	1.00E+00	0.69	5.74E-01	9.31E-01
AL158212.3	0.54	3.51E-01	1.00E+00	-0.38	5.74E-01	9.31E-01
AC009090.4	-1.20	6.11E-01	1.00E+00	-0.60	5.74E-01	9.31E-01
SCEL	0.08	8.95E-01	1.00E+00	-0.39	5.74E-01	9.31E-01
AC104237.3	-0.81	4.72E-01	1.00E+00	-0.57	5.74E-01	9.31E-01
HDAC4	0.34	2.89E-01	1.00E+00	0.27	5.74E-01	9.31E-01
ETAA1	-0.32	1.49E-01	1.00E+00	-0.17	5.74E-01	9.31E-01
BOLA2B	-0.50	4.00E-01	1.00E+00	0.16	5.74E-01	9.31E-01
AP000866.6	0.63	8.26E-01	1.00E+00	0.53	5.74E-01	9.31E-01
GRB7	0.25	3.43E-01	1.00E+00	0.24	5.75E-01	9.31E-01
C16orf86	0.88	4.03E-02	1.00E+00	0.37	5.75E-01	9.31E-01
METTL3	0.30	2.30E-01	1.00E+00	-0.14	5.75E-01	9.31E-01
MINPP1	0.33	3.15E-01	1.00E+00	-0.13	5.75E-01	9.31E-01
CD63	0.25	4.99E-01	1.00E+00	0.18	5.75E-01	9.31E-01
NR6A1	-0.51	2.40E-01	1.00E+00	-0.27	5.75E-01	9.31E-01
HOXB6	0.02	9.79E-01	1.00E+00	0.29	5.75E-01	9.31E-01
ZNF252P	0.29	3.19E-01	1.00E+00	0.11	5.75E-01	9.31E-01
G18962	-2.99	2.15E-01	1.00E+00	0.91	5.75E-01	9.31E-01
LNCTAM34A	-0.38	4.05E-01	1.00E+00	0.30	5.75E-01	9.31E-01
CATSPER3	0.42	6.82E-01	1.00E+00	0.65	5.75E-01	9.31E-01
AC011405.1	-1.24	3.54E-01	1.00E+00	-0.55	5.75E-01	9.31E-01
AC097639.1	-0.26	5.58E-01	1.00E+00	0.26	5.75E-01	9.31E-01
AC100812.1	1.04	7.65E-01	1.00E+00	-0.86	5.75E-01	9.31E-01
AC048344.4	-1.99	5.63E-01	1.00E+00	0.75	5.75E-01	9.31E-01
LRRC47	-0.11	6.08E-01	1.00E+00	-0.20	5.75E-01	9.31E-01
C19orf57	-0.34	3.04E-01	1.00E+00	-0.30	5.75E-01	9.31E-01
PFDN1	-0.07	7.25E-01	1.00E+00	-0.14	5.75E-01	9.31E-01
AP003119.3	0.88	1.74E-02	8.33E-01	0.37	5.75E-01	9.31E-01
AC007342.8	-0.19	9.25E-01	1.00E+00	-0.83	5.75E-01	9.31E-01
PLL	0.07	8.62E-01	1.00E+00	-0.27	5.75E-01	9.31E-01

MAPK15	0.40	3.32E-01	1.00E+00	0.44	5.75E-01	9.31E-01
SPDYE6	-0.49	6.34E-01	1.00E+00	0.37	5.75E-01	9.31E-01
TMEM253	4.23	5.86E-02	1.00E+00	-0.49	5.75E-01	9.31E-01
AL035071.1	0.22	5.96E-01	1.00E+00	-0.32	5.75E-01	9.31E-01
MFSD4B	-0.20	4.66E-01	1.00E+00	0.21	5.75E-01	9.31E-01
GPHA2	-2.35	4.34E-01	1.00E+00	-0.89	5.75E-01	9.31E-01
CFAP298	0.00	9.92E-01	1.00E+00	-0.28	5.75E-01	9.31E-01
TRARG1	4.97	2.67E-03	2.68E-01	0.56	5.75E-01	9.31E-01
C15orf65	-0.01	9.82E-01	1.00E+00	-0.23	5.76E-01	9.31E-01
COPG2	-0.44	1.21E-01	1.00E+00	0.21	5.76E-01	9.31E-01
ANGEL1	0.14	7.21E-01	1.00E+00	0.25	5.76E-01	9.31E-01
YPEL1	-0.52	2.72E-01	1.00E+00	-0.48	5.76E-01	9.31E-01
XLOC_007992	-0.34	9.03E-01	1.00E+00	-0.33	5.76E-01	9.31E-01
C12orf57	0.07	7.80E-01	1.00E+00	-0.25	5.76E-01	9.31E-01
LINC02533	NA	NA	NA	-1.80	5.76E-01	9.31E-01
EMC2	0.24	2.18E-01	1.00E+00	-0.12	5.76E-01	9.31E-01
AP003068.4	-0.57	5.23E-01	1.00E+00	-0.42	5.76E-01	9.31E-01
ANXA9	-0.16	7.68E-01	1.00E+00	0.32	5.76E-01	9.31E-01
AC012557.1	1.84	8.58E-02	1.00E+00	0.42	5.76E-01	9.31E-01
INTS4P1	1.26	1.20E-01	1.00E+00	-0.47	5.76E-01	9.31E-01
AC004982.1	1.04	3.60E-01	1.00E+00	0.49	5.76E-01	9.31E-01
CD177	-2.23	8.49E-02	1.00E+00	1.76	5.76E-01	9.31E-01
OTUB1	-0.24	2.93E-01	1.00E+00	0.12	5.76E-01	9.31E-01
TMEM150B	0.43	7.37E-01	1.00E+00	1.77	5.76E-01	9.31E-01
MT-TP	0.05	9.30E-01	1.00E+00	0.22	5.76E-01	9.32E-01
ZFAND2A	0.04	8.95E-01	1.00E+00	0.17	5.76E-01	9.32E-01
CAVIN4	-0.10	9.33E-01	1.00E+00	-0.67	5.76E-01	9.32E-01
ZNF341-AS1	1.63	2.10E-01	1.00E+00	0.39	5.76E-01	9.32E-01
AC048341.2	-0.36	9.16E-01	1.00E+00	-0.77	5.77E-01	9.32E-01
AC027307.3	-1.19	2.10E-03	2.39E-01	0.31	5.77E-01	9.32E-01
MATN3	0.12	8.50E-01	1.00E+00	-1.24	5.77E-01	9.32E-01
RN7SL68P	-1.32	6.20E-01	1.00E+00	0.70	5.77E-01	9.32E-01

RAPGEF5	-0.04	8.95E-01	1.00E+00	0.25	5.77E-01	9.32E-01
GFAP	-2.36	1.57E-01	1.00E+00	-0.54	5.77E-01	9.32E-01
C1orf140	-0.01	9.93E-01	1.00E+00	-0.57	5.77E-01	9.32E-01
XLOC_008957	-2.61	1.63E-01	1.00E+00	-0.65	5.77E-01	9.32E-01
AC004834.1	-1.80	2.78E-01	1.00E+00	0.59	5.77E-01	9.32E-01
AANAT	-0.13	9.26E-01	1.00E+00	0.80	5.77E-01	9.32E-01
KCTD16	0.62	7.02E-01	1.00E+00	1.42	5.77E-01	9.32E-01
NRG4	-0.74	1.02E-01	1.00E+00	-0.43	5.77E-01	9.32E-01
STK24	0.00	9.88E-01	1.00E+00	-0.29	5.77E-01	9.32E-01
PGM5	0.18	7.27E-01	1.00E+00	-0.37	5.77E-01	9.32E-01
LCE4A	0.20	7.90E-01	1.00E+00	0.38	5.77E-01	9.32E-01
AC008065.1	NA	NA	NA	0.52	5.77E-01	9.32E-01
SLC45A2	-0.10	8.99E-01	1.00E+00	0.47	5.77E-01	9.32E-01
MYL12BP1	-2.80	5.63E-02	1.00E+00	-0.30	5.78E-01	9.32E-01
AC002044.1	-1.71	6.18E-01	1.00E+00	0.43	5.78E-01	9.32E-01
CA12	-0.17	5.57E-01	1.00E+00	0.21	5.78E-01	9.33E-01
MRTFB	-0.10	6.61E-01	1.00E+00	0.18	5.78E-01	9.33E-01
TNFRSF4	-0.17	7.99E-01	1.00E+00	0.55	5.78E-01	9.33E-01
LGALS1	0.38	4.18E-01	1.00E+00	0.23	5.78E-01	9.33E-01
AC108058.1	-2.69	1.44E-01	1.00E+00	0.60	5.78E-01	9.33E-01
FBXO6	-0.13	7.37E-01	1.00E+00	0.17	5.78E-01	9.33E-01
STBD1	0.45	4.58E-01	1.00E+00	-0.38	5.78E-01	9.33E-01
SLC35B2	-0.15	5.42E-01	1.00E+00	0.13	5.78E-01	9.33E-01
NATD1	0.33	3.52E-01	1.00E+00	0.36	5.78E-01	9.33E-01
AC091182.1	-1.01	1.64E-01	1.00E+00	1.18	5.78E-01	9.33E-01
NECTIN3	0.13	6.70E-01	1.00E+00	0.33	5.79E-01	9.33E-01
HIST1H3A	1.31	4.37E-01	1.00E+00	0.57	5.79E-01	9.33E-01
ARHGAP29	0.41	2.19E-01	1.00E+00	-0.18	5.79E-01	9.33E-01
MRPL38	-0.15	8.64E-01	1.00E+00	0.37	5.79E-01	9.33E-01
PSG7	0.18	8.72E-01	1.00E+00	-0.65	5.79E-01	9.33E-01
RPL23AP87	1.20	2.39E-01	1.00E+00	-0.38	5.79E-01	9.33E-01
TXNL1	0.11	4.88E-01	1.00E+00	-0.13	5.79E-01	9.33E-01

G28648	0.52	3.85E-01	1.00E+00	-0.33	5.79E-01	9.33E-01
TLL5	-0.23	2.73E-01	1.00E+00	-0.19	5.79E-01	9.33E-01
PPP1R10	-0.22	4.32E-01	1.00E+00	-0.16	5.79E-01	9.33E-01
GPR137B	0.22	4.17E-01	1.00E+00	-0.27	5.79E-01	9.33E-01
TDGP1	-0.70	8.41E-01	1.00E+00	-0.40	5.79E-01	9.33E-01
PRKN	-0.09	7.56E-01	1.00E+00	-0.25	5.79E-01	9.33E-01
CNOT3	-0.26	3.15E-01	1.00E+00	0.33	5.79E-01	9.33E-01
AC007228.1	1.92	3.73E-01	1.00E+00	0.33	5.79E-01	9.34E-01
ABHD11	-0.03	8.94E-01	1.00E+00	-0.15	5.79E-01	9.34E-01
RBMS2P1	-1.07	2.46E-01	1.00E+00	-0.27	5.79E-01	9.34E-01
LLGL2	-0.31	3.03E-01	1.00E+00	-0.29	5.80E-01	9.34E-01
HMGB1P20	NA	NA	NA	-0.36	5.80E-01	9.34E-01
GNA11	-0.03	9.00E-01	1.00E+00	0.29	5.80E-01	9.34E-01
SYNGR2	-0.25	3.32E-01	1.00E+00	0.13	5.80E-01	9.34E-01
SPATA22	-1.20	7.05E-01	1.00E+00	-0.50	5.80E-01	9.34E-01
ACBD3-AS1	1.21	6.41E-02	1.00E+00	-0.44	5.80E-01	9.34E-01
UBR5	0.05	8.21E-01	1.00E+00	0.25	5.80E-01	9.34E-01
XLOC_004363	-0.81	6.17E-01	1.00E+00	-0.55	5.80E-01	9.34E-01
FLNB	-0.23	4.00E-01	1.00E+00	0.26	5.80E-01	9.34E-01
KIAA1328	-0.29	1.96E-01	1.00E+00	-0.18	5.80E-01	9.34E-01
SMPDL3A	0.36	3.01E-01	1.00E+00	-0.26	5.80E-01	9.34E-01
SEMA3G	0.89	1.51E-01	1.00E+00	0.42	5.80E-01	9.34E-01
ASTL	-0.68	2.95E-01	1.00E+00	-0.60	5.80E-01	9.34E-01
FBXO34	-0.04	8.47E-01	1.00E+00	-0.10	5.80E-01	9.34E-01
RLF	-0.04	8.55E-01	1.00E+00	-0.17	5.80E-01	9.34E-01
ZMYM5	0.16	4.94E-01	1.00E+00	-0.17	5.80E-01	9.34E-01
AC083801.2	-0.77	5.55E-01	1.00E+00	0.67	5.80E-01	9.34E-01
PPP5C	-0.11	5.69E-01	1.00E+00	0.18	5.80E-01	9.34E-01
SLIT1	0.51	5.93E-01	1.00E+00	0.75	5.80E-01	9.34E-01
LGALS7B	-0.82	9.42E-02	1.00E+00	-0.37	5.81E-01	9.34E-01
AC025165.5	0.58	3.94E-01	1.00E+00	0.25	5.81E-01	9.34E-01
TRAV22	2.93	1.01E-01	1.00E+00	0.81	5.81E-01	9.34E-01

LINGO4	-1.29	6.53E-02	1.00E+00	-0.52	5.81E-01	9.34E-01
SNHG11	0.06	8.73E-01	1.00E+00	0.12	5.81E-01	9.34E-01
AL138720.1	0.12	9.18E-01	1.00E+00	0.57	5.81E-01	9.34E-01
NAT9	-0.10	7.40E-01	1.00E+00	0.15	5.81E-01	9.34E-01
XLOC_001333	-0.19	6.26E-01	1.00E+00	-0.44	5.81E-01	9.34E-01
G31549	0.18	8.74E-01	1.00E+00	0.47	5.81E-01	9.34E-01
FBXO32	0.29	5.04E-01	1.00E+00	-0.15	5.81E-01	9.34E-01
PPIL2	-0.07	7.65E-01	1.00E+00	0.23	5.81E-01	9.34E-01
RPL7P16	-2.93	2.36E-01	1.00E+00	0.51	5.81E-01	9.34E-01
TBK1	0.17	5.53E-01	1.00E+00	0.09	5.81E-01	9.34E-01
NAGLU	0.19	6.15E-01	1.00E+00	0.36	5.81E-01	9.34E-01
FAM111A-DT	0.46	9.49E-02	1.00E+00	0.14	5.81E-01	9.34E-01
SUV39H2	-0.02	9.64E-01	1.00E+00	0.16	5.81E-01	9.34E-01
EIF3L	-0.19	5.94E-01	1.00E+00	0.18	5.82E-01	9.35E-01
SLC39A6	-0.14	6.57E-01	1.00E+00	0.12	5.82E-01	9.35E-01
AC097374.1	1.09	7.54E-01	1.00E+00	-0.43	5.82E-01	9.35E-01
BCORL1	0.12	7.27E-01	1.00E+00	0.36	5.82E-01	9.35E-01
PSORS1C1	0.04	9.29E-01	1.00E+00	-0.23	5.82E-01	9.35E-01
AC008105.1	-0.57	7.43E-01	1.00E+00	-0.72	5.82E-01	9.35E-01
TLK2P1	-0.32	7.46E-01	1.00E+00	-0.25	5.82E-01	9.35E-01
RNF185	0.09	6.47E-01	1.00E+00	0.10	5.82E-01	9.35E-01
DKC1	-0.06	7.81E-01	1.00E+00	0.13	5.82E-01	9.35E-01
BEND3P1	0.75	3.46E-01	1.00E+00	0.60	5.82E-01	9.35E-01
FAM72A	-0.32	6.10E-01	1.00E+00	-0.16	5.82E-01	9.35E-01
YTHDF2	-0.06	7.61E-01	1.00E+00	-0.11	5.82E-01	9.35E-01
AP3S1	0.16	3.72E-01	1.00E+00	-0.13	5.82E-01	9.35E-01
KRTAP5-10	-1.05	6.68E-01	1.00E+00	0.91	5.82E-01	9.35E-01
PITX3	-1.24	7.13E-01	1.00E+00	1.06	5.82E-01	9.35E-01
PCDHGC3	-0.24	3.36E-01	1.00E+00	0.33	5.82E-01	9.35E-01
AP003469.4	-0.07	8.82E-01	1.00E+00	0.32	5.82E-01	9.35E-01
AC005288.1	-0.09	7.59E-01	1.00E+00	0.19	5.82E-01	9.35E-01
CDYL	-0.10	6.56E-01	1.00E+00	0.13	5.82E-01	9.35E-01

AC060766.7	-2.25	2.20E-01	1.00E+00	0.39	5.82E-01	9.35E-01
AL590491.2	-0.62	5.65E-01	1.00E+00	-0.55	5.82E-01	9.35E-01
AL355297.4	-3.10	3.60E-01	1.00E+00	-0.79	5.82E-01	9.35E-01
SPIRE1	-0.05	8.84E-01	1.00E+00	0.27	5.82E-01	9.35E-01
GPRC5B	0.02	9.78E-01	1.00E+00	-0.24	5.82E-01	9.35E-01
AC006449.2	-0.11	8.55E-01	1.00E+00	0.33	5.82E-01	9.35E-01
LAMP3	-0.07	9.30E-01	1.00E+00	0.43	5.83E-01	9.35E-01
GALNT15	1.55	3.09E-02	1.00E+00	0.37	5.83E-01	9.35E-01
IGLV5-52	0.38	5.44E-01	1.00E+00	0.35	5.83E-01	9.35E-01
HOXD10	0.16	7.06E-01	1.00E+00	0.51	5.83E-01	9.35E-01
DCBLD2	0.12	5.88E-01	1.00E+00	-0.14	5.83E-01	9.35E-01
DZIP1L	-0.27	4.85E-01	1.00E+00	0.29	5.83E-01	9.35E-01
G32319	-0.37	6.05E-01	1.00E+00	0.37	5.83E-01	9.35E-01
PTP4A2P2	0.92	7.40E-01	1.00E+00	0.54	5.83E-01	9.35E-01
LRRIQ3	0.78	3.70E-01	1.00E+00	-0.30	5.83E-01	9.35E-01
TCEA2	-0.04	8.88E-01	1.00E+00	-0.32	5.83E-01	9.35E-01
AL158166.1	-2.67	1.48E-01	1.00E+00	0.95	5.83E-01	9.35E-01
CHRM3	0.08	9.23E-01	1.00E+00	-1.26	5.83E-01	9.35E-01
MED28	0.35	8.82E-02	1.00E+00	0.12	5.83E-01	9.35E-01
AC092574.2	-2.63	3.21E-01	1.00E+00	-0.40	5.83E-01	9.35E-01
ZDHHC23	-0.20	6.98E-01	1.00E+00	0.35	5.83E-01	9.35E-01
REEP4	-0.05	9.06E-01	1.00E+00	0.19	5.83E-01	9.35E-01
PRR29	0.50	3.59E-01	1.00E+00	0.47	5.83E-01	9.35E-01
GSTT1	0.48	6.93E-01	1.00E+00	1.71	5.83E-01	9.35E-01
SLC25A15	-0.30	3.41E-01	1.00E+00	-0.31	5.84E-01	9.35E-01
ABCC3	-0.38	3.00E-01	1.00E+00	-0.21	5.84E-01	9.35E-01
NRG1	-0.26	4.83E-01	1.00E+00	0.28	5.84E-01	9.35E-01
RNA5-8SP4	NA	NA	NA	-0.75	5.84E-01	9.35E-01
NNAT	3.10	1.50E-02	7.62E-01	-0.36	5.84E-01	9.35E-01
RECQL4	-0.37	2.24E-01	1.00E+00	0.35	5.84E-01	9.35E-01
AL353795.3	0.56	8.71E-01	1.00E+00	0.69	5.84E-01	9.35E-01
CYCSP55	-1.03	6.94E-01	1.00E+00	-0.33	5.84E-01	9.35E-01

POLK	0.22	5.38E-01	1.00E+00	-0.14	5.84E-01	9.35E-01
IGKV1D-16	1.94	4.96E-01	1.00E+00	1.75	5.84E-01	9.35E-01
SLC15A5	0.56	8.71E-01	1.00E+00	1.26	5.84E-01	9.35E-01
RNASE2	-1.75	4.42E-01	1.00E+00	1.73	5.84E-01	9.35E-01
GRWD1	-0.04	8.87E-01	1.00E+00	0.11	5.84E-01	9.35E-01
XLOC_001406	-3.40	4.18E-02	1.00E+00	0.65	5.84E-01	9.35E-01
AC113383.1	-0.38	4.72E-01	1.00E+00	-0.33	5.84E-01	9.35E-01
TBC1D24	0.39	3.27E-01	1.00E+00	-0.17	5.84E-01	9.35E-01
EML3	0.18	3.10E-01	1.00E+00	0.17	5.84E-01	9.35E-01
ZBTB4	-0.17	3.18E-01	1.00E+00	0.26	5.84E-01	9.35E-01
AK2	0.00	9.88E-01	1.00E+00	-0.08	5.84E-01	9.35E-01
PRH1	1.30	2.62E-01	1.00E+00	0.29	5.84E-01	9.35E-01
ZNF460-AS1	1.23	1.83E-01	1.00E+00	-0.39	5.84E-01	9.35E-01
VPS72	0.05	7.34E-01	1.00E+00	-0.09	5.84E-01	9.35E-01
EIF2S3	0.13	3.66E-01	1.00E+00	0.13	5.84E-01	9.35E-01
LINC00310	-0.30	7.40E-01	1.00E+00	0.45	5.84E-01	9.35E-01
KRT26	-6.44	5.02E-02	1.00E+00	-1.75	5.84E-01	9.35E-01
SF3B3	0.02	9.28E-01	1.00E+00	0.10	5.85E-01	9.35E-01
Z98049.1	1.29	7.10E-01	1.00E+00	-0.86	5.85E-01	9.35E-01
PTPN7	-0.13	8.22E-01	1.00E+00	1.45	5.85E-01	9.35E-01
PRF1	0.14	8.24E-01	1.00E+00	1.66	5.85E-01	9.36E-01
ASXL3	1.05	1.49E-01	1.00E+00	0.54	5.85E-01	9.36E-01
ZNF467	-0.87	2.02E-02	8.85E-01	-0.26	5.85E-01	9.36E-01
HMG2P8	NA	NA	NA	-0.45	5.85E-01	9.36E-01
G36510	-0.88	2.09E-01	1.00E+00	-0.53	5.85E-01	9.36E-01
ZFPM2	-0.17	6.78E-01	1.00E+00	-0.28	5.85E-01	9.36E-01
NWD1	0.23	8.00E-01	1.00E+00	-0.60	5.85E-01	9.36E-01
AC134349.1	NA	NA	NA	0.72	5.86E-01	9.36E-01
RBMS3-AS2	0.39	8.42E-01	1.00E+00	0.41	5.86E-01	9.36E-01
CYP4B1	-0.08	8.88E-01	1.00E+00	-0.27	5.86E-01	9.36E-01
IQGAP3	0.15	6.38E-01	1.00E+00	0.35	5.86E-01	9.36E-01
FOXO1	-1.50	5.02E-03	4.15E-01	0.59	5.86E-01	9.36E-01

ZNF202	-0.25	3.30E-01	1.00E+00	-0.22	5.86E-01	9.36E-01
AC009554.2	1.61	2.79E-01	1.00E+00	-0.57	5.86E-01	9.36E-01
BTNL8	1.76	3.88E-01	1.00E+00	0.74	5.86E-01	9.36E-01
SUCLG2P2	1.51	3.88E-01	1.00E+00	-0.24	5.86E-01	9.36E-01
XXYLT1	-0.28	2.90E-01	1.00E+00	0.25	5.86E-01	9.36E-01
IL23R	-1.73	6.13E-01	1.00E+00	0.86	5.86E-01	9.36E-01
TAC1	-0.70	4.15E-01	1.00E+00	-0.42	5.86E-01	9.36E-01
PIK3CA	0.34	2.08E-01	1.00E+00	-0.15	5.86E-01	9.36E-01
AC134312.1	0.53	3.10E-01	1.00E+00	0.52	5.86E-01	9.36E-01
SPRR2C	3.53	2.96E-01	1.00E+00	1.74	5.86E-01	9.36E-01
AC138470.1	1.43	2.37E-01	1.00E+00	0.60	5.86E-01	9.36E-01
CARD16	-0.03	9.47E-01	1.00E+00	0.16	5.86E-01	9.36E-01
ZC3H12C	-0.35	3.97E-01	1.00E+00	0.23	5.86E-01	9.36E-01
FAM234B	0.34	3.05E-01	1.00E+00	-0.22	5.86E-01	9.36E-01
CEPT1	0.20	4.73E-01	1.00E+00	0.20	5.86E-01	9.36E-01
PCOLCE2	1.87	2.35E-03	2.45E-01	-0.36	5.86E-01	9.36E-01
LINC00092	-0.16	8.31E-01	1.00E+00	-0.66	5.86E-01	9.36E-01
PCM1	-0.08	5.82E-01	1.00E+00	-0.09	5.86E-01	9.36E-01
DMC1	-0.39	4.11E-01	1.00E+00	0.28	5.86E-01	9.36E-01
WDR35	0.00	9.92E-01	1.00E+00	0.17	5.86E-01	9.36E-01
P4HA1	0.18	5.30E-01	1.00E+00	0.13	5.86E-01	9.36E-01
AC226118.1	-0.84	4.69E-01	1.00E+00	0.70	5.86E-01	9.36E-01
AC021087.2	-1.46	2.25E-01	1.00E+00	-0.49	5.86E-01	9.36E-01
ENPP3	0.90	8.74E-02	1.00E+00	0.42	5.86E-01	9.36E-01
GNL1	0.02	8.56E-01	1.00E+00	0.22	5.87E-01	9.36E-01
AC010503.4	0.23	5.91E-01	1.00E+00	-0.28	5.87E-01	9.36E-01
ZNF488	-0.28	5.66E-01	1.00E+00	0.44	5.87E-01	9.36E-01
RAB35	-0.15	4.44E-01	1.00E+00	0.25	5.87E-01	9.36E-01
RP11-61J19.4	0.22	6.01E-01	1.00E+00	-0.33	5.87E-01	9.36E-01
BCR	-0.36	8.97E-02	1.00E+00	0.28	5.87E-01	9.36E-01
PDE11A	1.75	2.78E-01	1.00E+00	0.49	5.87E-01	9.36E-01
HDCC3	0.18	4.74E-01	1.00E+00	-0.21	5.87E-01	9.36E-01

LINC00989	-0.94	7.99E-02	1.00E+00	-0.40	5.87E-01	9.36E-01
ZNF329	-0.08	7.06E-01	1.00E+00	0.26	5.87E-01	9.36E-01
AC009309.1	-1.82	1.69E-01	1.00E+00	-0.32	5.87E-01	9.36E-01
OTUD5	-0.11	4.83E-01	1.00E+00	0.22	5.87E-01	9.36E-01
SOCS1	-1.53	1.13E-03	1.76E-01	-0.44	5.87E-01	9.36E-01
NKAIN1	-0.26	7.39E-01	1.00E+00	0.25	5.87E-01	9.36E-01
TIFA	0.40	2.01E-01	1.00E+00	-0.18	5.87E-01	9.36E-01
KALRN	-0.20	6.90E-01	1.00E+00	0.25	5.87E-01	9.36E-01
SLC6A17	-0.32	5.16E-01	1.00E+00	0.48	5.87E-01	9.36E-01
STAMBPL1	-0.24	5.28E-01	1.00E+00	0.18	5.87E-01	9.36E-01
RPS7P11	-0.35	4.44E-01	1.00E+00	-0.25	5.87E-01	9.36E-01
MRPS25	-0.01	9.58E-01	1.00E+00	-0.14	5.87E-01	9.36E-01
DYRK4	0.16	4.96E-01	1.00E+00	0.13	5.87E-01	9.36E-01
HELZ	0.18	4.71E-01	1.00E+00	0.09	5.87E-01	9.36E-01
PCDHB10	0.14	6.92E-01	1.00E+00	0.35	5.87E-01	9.36E-01
AC126614.1	-1.85	3.29E-01	1.00E+00	0.74	5.87E-01	9.36E-01
SAE1	0.03	8.48E-01	1.00E+00	0.07	5.87E-01	9.36E-01
ARHGAP40	0.38	5.34E-01	1.00E+00	0.31	5.87E-01	9.36E-01
CASP2	-0.01	9.64E-01	1.00E+00	0.14	5.87E-01	9.36E-01
IL6ST	0.41	2.63E-01	1.00E+00	0.19	5.87E-01	9.36E-01
MIGA2	-0.01	9.73E-01	1.00E+00	0.31	5.87E-01	9.36E-01
AC046168.2	-0.91	1.65E-01	1.00E+00	0.40	5.87E-01	9.36E-01
TKTL1	-1.97	2.29E-01	1.00E+00	-0.56	5.88E-01	9.36E-01
TUBAL3	-0.18	8.26E-01	1.00E+00	-0.53	5.88E-01	9.36E-01
ARHGDI3	0.00	9.93E-01	1.00E+00	0.16	5.88E-01	9.36E-01
FN3KRP	0.55	9.53E-03	6.06E-01	-0.10	5.88E-01	9.36E-01
SLC9B1	0.46	4.72E-01	1.00E+00	0.30	5.88E-01	9.36E-01
LAMA1	-0.38	5.42E-01	1.00E+00	1.51	5.88E-01	9.36E-01
RPSAP18	0.97	4.11E-01	1.00E+00	0.50	5.88E-01	9.36E-01
ST7-AS1	-0.75	6.35E-02	1.00E+00	-0.44	5.88E-01	9.36E-01
RTCA	0.28	2.53E-01	1.00E+00	0.11	5.88E-01	9.36E-01
G32932	0.22	9.17E-01	1.00E+00	0.70	5.88E-01	9.36E-01

CDCA3	0.24	5.43E-01	1.00E+00	0.31	5.88E-01	9.36E-01
STAR	-0.15	6.60E-01	1.00E+00	-0.33	5.88E-01	9.36E-01
THAP4	-0.23	2.32E-01	1.00E+00	0.11	5.88E-01	9.36E-01
LEXM	0.35	6.59E-01	1.00E+00	0.43	5.88E-01	9.36E-01
CHCHD6	-0.13	4.63E-01	1.00E+00	-0.11	5.88E-01	9.36E-01
PISD	0.24	4.23E-01	1.00E+00	-0.16	5.88E-01	9.36E-01
NET1	-0.11	5.99E-01	1.00E+00	-0.12	5.88E-01	9.36E-01
NME5	0.17	7.99E-01	1.00E+00	-0.34	5.88E-01	9.36E-01
ODF3L2	-1.19	3.02E-01	1.00E+00	0.70	5.88E-01	9.36E-01
KCNH8	-1.70	1.59E-01	1.00E+00	-0.57	5.88E-01	9.36E-01
PROS2P	-2.28	2.65E-01	1.00E+00	0.48	5.88E-01	9.36E-01
F12	-0.02	9.62E-01	1.00E+00	0.32	5.88E-01	9.36E-01
DDX52	-0.06	7.74E-01	1.00E+00	-0.10	5.88E-01	9.36E-01
AL356535.1	1.06	7.61E-01	1.00E+00	0.47	5.88E-01	9.36E-01
EEF1B2P3	-0.04	9.29E-01	1.00E+00	-0.22	5.88E-01	9.36E-01
SYCE2	0.23	7.63E-01	1.00E+00	-0.34	5.88E-01	9.36E-01
XLOC_001435	0.25	7.69E-01	1.00E+00	0.49	5.88E-01	9.36E-01
SPINK5	0.15	7.33E-01	1.00E+00	0.39	5.88E-01	9.36E-01
CASC1	-1.25	7.62E-02	1.00E+00	-0.42	5.89E-01	9.36E-01
ZNF691	-0.12	6.83E-01	1.00E+00	-0.17	5.89E-01	9.36E-01
AC244517.1	0.53	8.13E-01	1.00E+00	0.57	5.89E-01	9.36E-01
B3GNT10	-0.01	9.68E-01	1.00E+00	-0.21	5.89E-01	9.36E-01
ZNF606	0.05	8.65E-01	1.00E+00	-0.15	5.89E-01	9.36E-01
NEK3	-0.23	5.41E-01	1.00E+00	-0.22	5.89E-01	9.36E-01
XLOC_001373	-3.17	7.84E-02	1.00E+00	0.62	5.89E-01	9.36E-01
SNX18P7	0.23	6.64E-01	1.00E+00	0.84	5.89E-01	9.36E-01
BICD2	0.09	8.11E-01	1.00E+00	-0.26	5.89E-01	9.36E-01
PIK3R1	0.61	1.02E-01	1.00E+00	0.21	5.89E-01	9.36E-01
UAP1L1	-0.31	2.74E-01	1.00E+00	0.37	5.89E-01	9.36E-01
HOXC10	-0.21	6.21E-01	1.00E+00	-0.20	5.89E-01	9.36E-01
TAF6	-0.07	7.43E-01	1.00E+00	0.14	5.89E-01	9.36E-01
GPER1	0.85	1.18E-01	1.00E+00	-0.31	5.89E-01	9.36E-01

TCF12	0.11	6.40E-01	1.00E+00	0.10	5.89E-01	9.36E-01
ZC3H10	0.17	6.52E-01	1.00E+00	-0.21	5.89E-01	9.36E-01
G2927	-3.12	7.10E-02	1.00E+00	0.76	5.89E-01	9.36E-01
KRT25	-5.06	1.23E-01	1.00E+00	-1.70	5.89E-01	9.36E-01
DNAH5	-0.21	8.27E-01	1.00E+00	0.51	5.89E-01	9.36E-01
C7orf57	2.80	1.89E-01	1.00E+00	0.77	5.89E-01	9.36E-01
CCDC57	-0.20	5.16E-01	1.00E+00	0.17	5.89E-01	9.36E-01
YPEL5	0.08	7.04E-01	1.00E+00	-0.15	5.89E-01	9.36E-01
AC145285.6	-3.11	8.05E-03	5.53E-01	0.40	5.90E-01	9.36E-01
AC002525.1	0.34	6.38E-01	1.00E+00	0.34	5.90E-01	9.36E-01
PTP4A1	-1.09	1.81E-01	1.00E+00	0.44	5.90E-01	9.36E-01
SNHG16	0.07	7.45E-01	1.00E+00	0.12	5.90E-01	9.36E-01
ZNF16	0.04	8.61E-01	1.00E+00	0.12	5.90E-01	9.36E-01
ZNF891	0.04	9.01E-01	1.00E+00	-0.24	5.90E-01	9.36E-01
FAM114A2	0.11	5.91E-01	1.00E+00	-0.12	5.90E-01	9.36E-01
EPB41L5	0.15	5.36E-01	1.00E+00	-0.14	5.90E-01	9.36E-01
TSTA3	-0.33	3.67E-01	1.00E+00	0.16	5.90E-01	9.36E-01
DNAJC8	-0.03	8.51E-01	1.00E+00	-0.13	5.90E-01	9.36E-01
SLK	-0.22	3.39E-01	1.00E+00	-0.18	5.90E-01	9.36E-01
CC2D2B	-0.17	9.01E-01	1.00E+00	0.40	5.90E-01	9.36E-01
IGHV3-43	2.13	3.93E-01	1.00E+00	1.72	5.90E-01	9.36E-01
TDRD6	-0.43	5.99E-01	1.00E+00	0.49	5.90E-01	9.36E-01
AL022067.1	-1.92	5.74E-01	1.00E+00	-0.74	5.90E-01	9.36E-01
AC004552.1	1.03	2.12E-01	1.00E+00	-0.34	5.90E-01	9.36E-01
DDX51	-0.24	3.18E-01	1.00E+00	-0.26	5.90E-01	9.36E-01
UQCC3	-0.33	4.40E-01	1.00E+00	-0.28	5.91E-01	9.36E-01
NPAS3	-0.08	8.83E-01	1.00E+00	0.33	5.91E-01	9.36E-01
MPIG6B	-0.07	9.02E-01	1.00E+00	-0.28	5.91E-01	9.36E-01
NR3C2	-0.14	7.14E-01	1.00E+00	-0.21	5.91E-01	9.36E-01
NPTXR	-0.13	8.17E-01	1.00E+00	0.35	5.91E-01	9.36E-01
GALNT4	0.53	4.62E-01	1.00E+00	0.29	5.91E-01	9.36E-01
ZNF584	-0.32	3.82E-01	1.00E+00	0.12	5.91E-01	9.36E-01

RNMT	0.17	3.74E-01	1.00E+00	0.11	5.91E-01	9.36E-01
RHEBP2	0.21	7.78E-01	1.00E+00	-0.22	5.91E-01	9.36E-01
LRRC38	1.00	3.40E-01	1.00E+00	-0.63	5.91E-01	9.36E-01
ACSM6	1.10	3.67E-01	1.00E+00	-1.69	5.91E-01	9.36E-01
SRBD1	-0.04	8.92E-01	1.00E+00	0.14	5.91E-01	9.36E-01
TPI1P1	-0.90	1.82E-01	1.00E+00	0.31	5.91E-01	9.36E-01
ZNF782	-0.10	8.06E-01	1.00E+00	-0.24	5.91E-01	9.36E-01
LAS1L	-0.21	2.24E-01	1.00E+00	0.08	5.91E-01	9.36E-01
SLC25A46	-0.05	8.67E-01	1.00E+00	-0.08	5.91E-01	9.36E-01
MCM6	-0.09	6.11E-01	1.00E+00	0.10	5.91E-01	9.36E-01
DPCD	0.08	7.90E-01	1.00E+00	0.14	5.91E-01	9.36E-01
DDB1	0.06	7.36E-01	1.00E+00	-0.14	5.91E-01	9.36E-01
GSR	0.28	2.26E-01	1.00E+00	-0.36	5.91E-01	9.36E-01
ENPP1	0.76	1.57E-01	1.00E+00	-0.28	5.91E-01	9.36E-01
UBTF	-0.25	2.49E-01	1.00E+00	0.18	5.91E-01	9.36E-01
AC027290.2	0.18	7.81E-01	1.00E+00	-0.24	5.91E-01	9.36E-01
LIN37	-1.94	1.34E-01	1.00E+00	0.35	5.91E-01	9.36E-01
ANKRD42	0.16	3.95E-01	1.00E+00	0.17	5.91E-01	9.36E-01
AC092645.1	0.56	1.40E-01	1.00E+00	0.43	5.91E-01	9.36E-01
AC108215.1	0.30	5.99E-01	1.00E+00	0.37	5.91E-01	9.36E-01
RAD17	0.34	8.51E-02	1.00E+00	-0.12	5.92E-01	9.36E-01
N6AMT1	0.51	3.01E-01	1.00E+00	0.16	5.92E-01	9.36E-01
HCG9	-0.54	8.41E-01	1.00E+00	0.55	5.92E-01	9.36E-01
LINC00539	-0.11	9.31E-01	1.00E+00	0.33	5.92E-01	9.36E-01
SCAMP4	-0.30	2.01E-01	1.00E+00	0.22	5.92E-01	9.36E-01
AL022322.2	-1.41	4.82E-01	1.00E+00	0.46	5.92E-01	9.36E-01
AL031963.2	0.76	7.00E-01	1.00E+00	-0.79	5.92E-01	9.36E-01
ABCE1	0.15	5.04E-01	1.00E+00	0.11	5.92E-01	9.36E-01
KCNS1	-0.10	8.03E-01	1.00E+00	0.46	5.92E-01	9.36E-01
C8orf82	-0.33	1.94E-01	1.00E+00	-0.42	5.92E-01	9.36E-01
AL353801.3	-1.10	7.51E-01	1.00E+00	0.84	5.92E-01	9.36E-01
RAB30	0.44	1.98E-01	1.00E+00	0.18	5.92E-01	9.36E-01

BX640514.2	-1.52	6.54E-02	1.00E+00	-0.36	5.92E-01	9.36E-01
FSTL3	0.24	6.34E-01	1.00E+00	0.36	5.92E-01	9.36E-01
THUMPD3	-0.02	9.13E-01	1.00E+00	-0.09	5.92E-01	9.36E-01
DGCR6L	-0.20	3.71E-01	1.00E+00	0.12	5.92E-01	9.36E-01
DNHD1	-0.37	3.52E-01	1.00E+00	0.31	5.92E-01	9.36E-01
MRPS17	0.44	1.01E-01	1.00E+00	-0.20	5.92E-01	9.36E-01
LDB3	-0.33	6.30E-01	1.00E+00	-0.35	5.92E-01	9.36E-01
MAP7D2	-1.01	2.32E-02	9.14E-01	-0.34	5.92E-01	9.36E-01
RGS17P1	-2.76	2.14E-01	1.00E+00	-0.56	5.92E-01	9.36E-01
UBE2A	0.02	9.25E-01	1.00E+00	-0.11	5.92E-01	9.36E-01
MIB2	-0.25	4.43E-01	1.00E+00	-0.33	5.92E-01	9.36E-01
LEKR1	-0.28	7.39E-01	1.00E+00	0.32	5.92E-01	9.36E-01
DUS2	-0.33	2.25E-01	1.00E+00	-0.12	5.92E-01	9.36E-01
RAB7A	0.04	8.19E-01	1.00E+00	0.06	5.92E-01	9.36E-01
COCH	-1.62	6.12E-01	1.00E+00	-0.39	5.93E-01	9.37E-01
GCC2	-0.09	7.76E-01	1.00E+00	0.11	5.93E-01	9.37E-01
ERCC6L2	-0.17	5.51E-01	1.00E+00	-0.12	5.93E-01	9.37E-01
ACAD9	-0.08	8.44E-01	1.00E+00	-0.16	5.93E-01	9.37E-01
G15152	-0.48	6.32E-01	1.00E+00	0.60	5.93E-01	9.37E-01
INVS	0.20	4.53E-01	1.00E+00	0.16	5.93E-01	9.37E-01
LINC01366	2.90	7.01E-02	1.00E+00	-0.82	5.93E-01	9.37E-01
C4orf36	-2.57	6.36E-03	4.78E-01	0.33	5.93E-01	9.37E-01
PACS2	-0.10	7.15E-01	1.00E+00	0.21	5.93E-01	9.37E-01
PRRT2	1.24	6.19E-01	1.00E+00	-0.36	5.93E-01	9.37E-01
ARID2	0.13	5.75E-01	1.00E+00	-0.17	5.93E-01	9.37E-01
AL132656.2	-0.48	5.50E-01	1.00E+00	0.33	5.93E-01	9.37E-01
AC011287.1	-0.61	6.68E-01	1.00E+00	-0.61	5.93E-01	9.37E-01
ANKRD13C	0.12	5.60E-01	1.00E+00	-0.11	5.93E-01	9.37E-01
SPSB1	-0.32	2.71E-01	1.00E+00	-0.24	5.93E-01	9.37E-01
AC012378.2	-2.97	6.43E-03	4.81E-01	-0.61	5.93E-01	9.37E-01
MMP24OS	0.04	8.80E-01	1.00E+00	0.34	5.93E-01	9.37E-01
NOX5	-0.27	6.54E-01	1.00E+00	0.51	5.93E-01	9.37E-01

C18orf54	0.21	5.94E-01	1.00E+00	-0.32	5.93E-01	9.37E-01
ACOX3	-0.31	1.76E-01	1.00E+00	0.11	5.93E-01	9.37E-01
Z82243.1	0.05	9.89E-01	1.00E+00	-0.69	5.93E-01	9.37E-01
MRPL51	0.09	5.92E-01	1.00E+00	-0.15	5.93E-01	9.37E-01
KRTAP5-8	-1.89	5.82E-01	1.00E+00	-1.71	5.93E-01	9.37E-01
SLC35D2	-0.05	8.86E-01	1.00E+00	-0.24	5.94E-01	9.37E-01
COL21A1	0.02	9.39E-01	1.00E+00	0.18	5.94E-01	9.37E-01
MRPS5	0.09	6.72E-01	1.00E+00	0.09	5.94E-01	9.37E-01
ATP5IF1	-0.08	7.02E-01	1.00E+00	-0.19	5.94E-01	9.37E-01
SMYD2	-0.03	8.74E-01	1.00E+00	-0.14	5.94E-01	9.37E-01
SELENOO	-0.02	9.36E-01	1.00E+00	0.30	5.94E-01	9.37E-01
SNORD12C	-1.71	6.18E-01	1.00E+00	-0.46	5.94E-01	9.37E-01
FCRL6	-0.19	8.55E-01	1.00E+00	1.68	5.94E-01	9.37E-01
G10656	-0.29	7.00E-01	1.00E+00	0.41	5.94E-01	9.37E-01
STX7	0.47	2.88E-02	9.88E-01	-0.08	5.94E-01	9.37E-01
ZXDC	-0.30	3.00E-01	1.00E+00	-0.28	5.94E-01	9.37E-01
DSN1	0.10	6.55E-01	1.00E+00	-0.13	5.94E-01	9.37E-01
CNNM4	-0.18	6.71E-01	1.00E+00	0.30	5.94E-01	9.37E-01
SLC5A3	0.52	1.98E-01	1.00E+00	0.17	5.94E-01	9.37E-01
AC103591.4	-0.40	6.71E-01	1.00E+00	-0.46	5.94E-01	9.37E-01
DCAF12	0.19	4.20E-01	1.00E+00	0.11	5.94E-01	9.37E-01
TXNDC5	-1.10	7.44E-02	1.00E+00	0.57	5.94E-01	9.37E-01
HELB	0.46	4.54E-01	1.00E+00	0.33	5.95E-01	9.37E-01
CPA4	-0.10	8.43E-01	1.00E+00	0.30	5.95E-01	9.37E-01
ZNF596	0.32	2.12E-01	1.00E+00	-0.24	5.95E-01	9.37E-01
UXT-AS1	-1.38	4.48E-01	1.00E+00	-0.53	5.95E-01	9.37E-01
KIF17	-0.30	4.55E-01	1.00E+00	0.37	5.95E-01	9.37E-01
CARD8	0.41	3.18E-01	1.00E+00	0.18	5.95E-01	9.37E-01
OSGIN1	-0.33	4.98E-01	1.00E+00	0.24	5.95E-01	9.37E-01
ABCF2	-0.34	1.56E-01	1.00E+00	0.12	5.95E-01	9.37E-01
AC129492.1	-3.02	4.40E-02	1.00E+00	0.32	5.95E-01	9.37E-01
SYTL5	1.55	2.50E-01	1.00E+00	0.66	5.95E-01	9.38E-01

UTS2B	0.28	8.41E-01	1.00E+00	0.70	5.95E-01	9.38E-01
HTRA2	0.16	4.82E-01	1.00E+00	-0.11	5.95E-01	9.38E-01
CD80	-1.76	4.94E-01	1.00E+00	1.68	5.95E-01	9.38E-01
SERBP1P1	-0.27	7.70E-01	1.00E+00	0.23	5.95E-01	9.38E-01
OTULIN	0.21	5.10E-01	1.00E+00	-0.19	5.95E-01	9.38E-01
TMEM231P1	-0.83	5.07E-01	1.00E+00	0.48	5.95E-01	9.38E-01
AC021739.2	-0.37	7.94E-01	1.00E+00	0.68	5.95E-01	9.38E-01
ACSM2B	-1.71	5.49E-01	1.00E+00	-1.04	5.95E-01	9.38E-01
CHKB-DT	1.00	2.12E-01	1.00E+00	-0.22	5.95E-01	9.38E-01
SPP1	1.26	3.78E-01	1.00E+00	1.66	5.96E-01	9.38E-01
C16orf45	0.39	3.45E-01	1.00E+00	0.26	5.96E-01	9.38E-01
DANCR	-0.37	4.30E-01	1.00E+00	-0.25	5.96E-01	9.38E-01
LINC01694	-2.36	1.61E-01	1.00E+00	0.86	5.96E-01	9.38E-01
AC004908.2	-2.78	3.43E-02	1.00E+00	-0.37	5.96E-01	9.38E-01
ZNF221	0.65	1.74E-01	1.00E+00	-0.36	5.96E-01	9.38E-01
WIPI2	0.03	8.60E-01	1.00E+00	-0.21	5.96E-01	9.38E-01
NFXL1	-0.14	6.90E-01	1.00E+00	0.16	5.96E-01	9.38E-01
G7635	-1.11	4.12E-01	1.00E+00	-0.35	5.96E-01	9.38E-01
APEH	-0.19	3.65E-01	1.00E+00	0.12	5.96E-01	9.38E-01
ZNF808	-0.01	9.77E-01	1.00E+00	-0.15	5.96E-01	9.38E-01
THAP9	0.22	3.86E-01	1.00E+00	-0.19	5.96E-01	9.38E-01
DRC1	-0.64	7.33E-01	1.00E+00	-0.73	5.96E-01	9.38E-01
XLOC_006441	-0.27	5.97E-01	1.00E+00	-0.32	5.96E-01	9.38E-01
KRT28	-10.48	1.66E-03	2.25E-01	-1.68	5.96E-01	9.38E-01
MED6	0.06	7.51E-01	1.00E+00	-0.11	5.96E-01	9.38E-01
AC073861.1	-0.10	7.83E-01	1.00E+00	-0.29	5.96E-01	9.38E-01
IL37	0.80	2.52E-01	1.00E+00	-0.52	5.96E-01	9.38E-01
HCFC1R1	-0.21	4.78E-01	1.00E+00	0.12	5.96E-01	9.38E-01
SLC35F1	-0.07	8.73E-01	1.00E+00	0.31	5.96E-01	9.38E-01
CTCF	-0.10	5.84E-01	1.00E+00	-0.19	5.96E-01	9.38E-01
ZDHH18	-0.14	6.15E-01	1.00E+00	0.27	5.96E-01	9.38E-01
AC009237.3	-0.01	9.89E-01	1.00E+00	-0.28	5.96E-01	9.38E-01

KIAA2013	-0.21	4.26E-01	1.00E+00	-0.29	5.96E-01	9.38E-01
XLOC_002080	0.92	6.01E-01	1.00E+00	-0.72	5.97E-01	9.38E-01
AC005779.1	0.53	7.78E-01	1.00E+00	0.51	5.97E-01	9.38E-01
PYURF	0.17	3.54E-01	1.00E+00	-0.19	5.97E-01	9.38E-01
SRP72	-0.12	5.86E-01	1.00E+00	0.06	5.97E-01	9.38E-01
RAB5IF	0.02	9.49E-01	1.00E+00	0.24	5.97E-01	9.38E-01
AL136984.1	1.44	6.75E-01	1.00E+00	-1.13	5.97E-01	9.38E-01
SNAI3	-0.26	6.22E-01	1.00E+00	0.47	5.97E-01	9.38E-01
TNNC1	0.09	7.74E-01	1.00E+00	-0.29	5.97E-01	9.38E-01
PDZD3	1.73	1.95E-01	1.00E+00	-0.88	5.97E-01	9.38E-01
SPICE1	0.40	5.65E-01	1.00E+00	0.31	5.97E-01	9.38E-01
TMEM167A	0.33	1.44E-01	1.00E+00	-0.12	5.97E-01	9.38E-01
LYPLAL1-DT	-2.70	1.00E-01	1.00E+00	-0.52	5.97E-01	9.38E-01
CCDC152	0.72	1.87E-01	1.00E+00	0.24	5.97E-01	9.38E-01
KRTAP26-1	-5.08	1.21E-01	1.00E+00	-1.69	5.97E-01	9.38E-01
CASP8	-0.06	8.81E-01	1.00E+00	0.17	5.97E-01	9.38E-01
BEND4	-1.04	5.07E-01	1.00E+00	0.68	5.97E-01	9.38E-01
GPATCH8	-0.24	2.08E-01	1.00E+00	0.14	5.97E-01	9.38E-01
G37438	-0.54	5.67E-01	1.00E+00	-0.42	5.97E-01	9.38E-01
AQP5	-0.14	9.04E-01	1.00E+00	-0.44	5.97E-01	9.38E-01
G35531	1.97	4.07E-01	1.00E+00	-0.57	5.98E-01	9.38E-01
LCE6A	0.02	9.75E-01	1.00E+00	0.38	5.98E-01	9.38E-01
TXNL4B	0.09	7.29E-01	1.00E+00	0.11	5.98E-01	9.38E-01
LINC02303	0.04	9.91E-01	1.00E+00	1.31	5.98E-01	9.38E-01
NPM1P30	-1.52	6.60E-01	1.00E+00	-0.64	5.98E-01	9.38E-01
GABRA3	-1.76	6.93E-03	5.08E-01	-0.56	5.98E-01	9.38E-01
AL021068.1	0.53	4.07E-01	1.00E+00	0.36	5.98E-01	9.38E-01
G480	-0.82	6.13E-01	1.00E+00	-0.54	5.98E-01	9.38E-01
AC022809.1	0.60	8.40E-01	1.00E+00	1.06	5.98E-01	9.38E-01
AQP3	-0.79	7.06E-02	1.00E+00	-0.29	5.98E-01	9.38E-01
TFEB	-0.31	1.86E-01	1.00E+00	0.24	5.98E-01	9.38E-01
HNRNPD	-0.25	2.06E-01	1.00E+00	-0.25	5.98E-01	9.38E-01

MAPK8IP1	-0.48	3.38E-01	1.00E+00	0.41	5.98E-01	9.38E-01
WDR55	0.10	6.58E-01	1.00E+00	-0.10	5.98E-01	9.38E-01
ZNF2	0.39	1.93E-01	1.00E+00	-0.15	5.98E-01	9.38E-01
SLC38A2	0.04	8.90E-01	1.00E+00	-0.13	5.98E-01	9.38E-01
LRRFIP2	-0.02	9.45E-01	1.00E+00	0.10	5.98E-01	9.38E-01
AL159169.2	-0.06	9.86E-01	1.00E+00	0.60	5.98E-01	9.38E-01
TRAM1L1	-0.59	7.89E-02	1.00E+00	0.22	5.98E-01	9.38E-01
DLL4	0.29	5.61E-01	1.00E+00	0.29	5.98E-01	9.38E-01
RPS3AP25	-1.21	4.79E-01	1.00E+00	-0.36	5.98E-01	9.38E-01
NLE1	0.14	6.12E-01	1.00E+00	0.22	5.98E-01	9.38E-01
SFRP4	0.42	7.09E-01	1.00E+00	1.51	5.98E-01	9.38E-01
AC012676.5	-1.13	5.45E-01	1.00E+00	0.72	5.98E-01	9.38E-01
UCK1	0.16	4.82E-01	1.00E+00	0.15	5.98E-01	9.38E-01
ADCY9	-0.04	8.75E-01	1.00E+00	0.36	5.98E-01	9.38E-01
CAMKK1	-0.48	1.30E-01	1.00E+00	-0.21	5.98E-01	9.38E-01
AL139022.2	-0.46	6.33E-01	1.00E+00	0.62	5.98E-01	9.38E-01
HIF1AN	0.49	2.93E-02	9.91E-01	0.10	5.98E-01	9.38E-01
SMARCE1	0.40	2.36E-01	1.00E+00	0.20	5.99E-01	9.38E-01
TPTE2P1	0.91	3.96E-01	1.00E+00	0.40	5.99E-01	9.38E-01
ILVBL	-0.03	8.88E-01	1.00E+00	0.10	5.99E-01	9.38E-01
GK5	0.19	4.13E-01	1.00E+00	-0.21	5.99E-01	9.38E-01
AC115989.1	-0.22	9.37E-01	1.00E+00	-1.09	5.99E-01	9.38E-01
AC022075.2	0.83	5.93E-01	1.00E+00	-0.67	5.99E-01	9.38E-01
UEVLD	0.04	8.96E-01	1.00E+00	-0.09	5.99E-01	9.38E-01
G31307	-1.18	4.35E-01	1.00E+00	-0.38	5.99E-01	9.38E-01
SCN2A	-0.36	7.60E-01	1.00E+00	0.46	5.99E-01	9.38E-01
PRR11	-0.44	2.89E-01	1.00E+00	0.27	5.99E-01	9.38E-01
ITIH5	1.15	9.73E-02	1.00E+00	0.33	5.99E-01	9.38E-01
AC108749.1	-1.53	4.85E-01	1.00E+00	-0.66	5.99E-01	9.38E-01
GORAB	0.03	9.38E-01	1.00E+00	-0.18	5.99E-01	9.38E-01
CREBBP	-0.36	1.46E-01	1.00E+00	0.25	5.99E-01	9.38E-01
MDN1	0.12	6.45E-01	1.00E+00	0.21	5.99E-01	9.38E-01

SLC35A2	-0.02	9.30E-01	1.00E+00	0.12	5.99E-01	9.38E-01
CCT5	-0.16	2.94E-01	1.00E+00	0.09	5.99E-01	9.38E-01
FAM222A-AS1	-0.20	8.58E-01	1.00E+00	-0.69	5.99E-01	9.38E-01
CLP1	-0.15	3.58E-01	1.00E+00	0.08	5.99E-01	9.38E-01
MAP6D1	-0.41	6.07E-01	1.00E+00	0.66	6.00E-01	9.39E-01
AC006453.2	-0.38	7.24E-01	1.00E+00	0.38	6.00E-01	9.39E-01
TDGF1	-0.70	7.15E-01	1.00E+00	-0.67	6.00E-01	9.39E-01
INSYN2B	-0.19	7.93E-01	1.00E+00	0.51	6.00E-01	9.39E-01
TIMELESS	-0.64	4.09E-03	3.55E-01	0.25	6.00E-01	9.39E-01
AC012603.1	-3.35	3.92E-02	1.00E+00	0.50	6.00E-01	9.39E-01
MYOZ3	-0.79	3.22E-01	1.00E+00	0.35	6.00E-01	9.39E-01
SRMS	-2.69	9.72E-04	1.61E-01	0.62	6.00E-01	9.39E-01
RPSAP47	-0.16	8.84E-01	1.00E+00	0.39	6.00E-01	9.39E-01
CENPK	-0.22	6.20E-01	1.00E+00	-0.23	6.00E-01	9.39E-01
BX284668.6	0.23	9.46E-01	1.00E+00	0.71	6.00E-01	9.39E-01
DAZAP2P1	-2.02	4.59E-01	1.00E+00	-0.42	6.00E-01	9.39E-01
CYP27A1	-0.11	7.85E-01	1.00E+00	0.23	6.00E-01	9.39E-01
ARRDC3-AS1	0.57	3.98E-01	1.00E+00	0.24	6.00E-01	9.39E-01
AL078604.1	0.13	9.70E-01	1.00E+00	0.45	6.00E-01	9.39E-01
SLC4A3	-0.53	4.51E-01	1.00E+00	0.40	6.00E-01	9.39E-01
USP10	0.02	8.92E-01	1.00E+00	-0.08	6.00E-01	9.39E-01
TRIB3	-0.09	7.98E-01	1.00E+00	-0.15	6.00E-01	9.39E-01
TNNC2	0.66	6.73E-02	1.00E+00	-0.27	6.00E-01	9.39E-01
GON4L	-0.24	1.99E-01	1.00E+00	0.13	6.00E-01	9.39E-01
NTF4	-0.26	4.37E-01	1.00E+00	-0.28	6.00E-01	9.39E-01
RGP1	0.25	3.61E-01	1.00E+00	0.30	6.01E-01	9.39E-01
G36500	-2.52	1.39E-01	1.00E+00	0.41	6.01E-01	9.39E-01
TMEM165	0.31	2.33E-01	1.00E+00	-0.22	6.01E-01	9.39E-01
AC005840.4	-2.68	2.33E-01	1.00E+00	0.53	6.01E-01	9.39E-01
AGO4	0.32	2.49E-01	1.00E+00	-0.16	6.01E-01	9.39E-01
PAXIP1-AS1	0.13	7.21E-01	1.00E+00	0.21	6.01E-01	9.39E-01
PIP4P1	-0.22	4.07E-01	1.00E+00	-0.29	6.01E-01	9.39E-01

CXCL11	-2.11	3.07E-02	1.00E+00	1.64	6.01E-01	9.39E-01
SMIM14	0.27	1.85E-01	1.00E+00	-0.12	6.01E-01	9.39E-01
SLC35E3	-0.23	3.39E-01	1.00E+00	0.11	6.01E-01	9.39E-01
XPO7	0.05	7.54E-01	1.00E+00	0.16	6.01E-01	9.39E-01
LINC02254	-0.68	8.44E-01	1.00E+00	-0.95	6.01E-01	9.39E-01
PRPH2	0.25	8.02E-01	1.00E+00	-1.50	6.01E-01	9.39E-01
G17634	NA	NA	NA	-0.95	6.01E-01	9.39E-01
PUM1	-0.06	6.97E-01	1.00E+00	-0.10	6.01E-01	9.39E-01
TACC2	-0.15	5.95E-01	1.00E+00	-0.15	6.01E-01	9.39E-01
LINC01277	-0.41	7.62E-01	1.00E+00	-0.56	6.01E-01	9.39E-01
AL139120.1	0.32	9.28E-01	1.00E+00	0.47	6.01E-01	9.39E-01
CAPS	-0.07	8.88E-01	1.00E+00	0.26	6.01E-01	9.39E-01
AL590652.1	-0.17	7.66E-01	1.00E+00	-0.35	6.01E-01	9.39E-01
LRRC37BP1	0.04	9.08E-01	1.00E+00	0.20	6.01E-01	9.39E-01
DDB2	-0.17	4.77E-01	1.00E+00	0.10	6.01E-01	9.39E-01
AC108062.1	0.09	8.85E-01	1.00E+00	-0.32	6.02E-01	9.39E-01
FBXO15	-0.39	6.76E-01	1.00E+00	-0.57	6.02E-01	9.39E-01
KXD1	-0.14	4.05E-01	1.00E+00	0.16	6.02E-01	9.39E-01
ST13P20	-0.99	2.66E-01	1.00E+00	0.51	6.02E-01	9.39E-01
MRC1	-1.08	3.44E-01	1.00E+00	0.48	6.02E-01	9.39E-01
HMGN1P38	-0.11	9.51E-01	1.00E+00	0.31	6.02E-01	9.39E-01
TNIP2	-0.14	5.40E-01	1.00E+00	0.29	6.02E-01	9.39E-01
ATG12	0.25	1.86E-01	1.00E+00	-0.16	6.02E-01	9.39E-01
AL592429.2	2.03	2.65E-02	9.49E-01	-0.48	6.02E-01	9.39E-01
EMX2OS	0.31	5.03E-01	1.00E+00	0.21	6.02E-01	9.39E-01
SNX22	-0.49	4.57E-01	1.00E+00	0.34	6.02E-01	9.39E-01
PCDHA12	1.49	2.29E-01	1.00E+00	-0.78	6.02E-01	9.39E-01
WFDC2	0.27	5.13E-01	1.00E+00	0.28	6.02E-01	9.39E-01
GPD2	0.09	7.35E-01	1.00E+00	-0.13	6.02E-01	9.39E-01
ETV3	0.17	5.76E-01	1.00E+00	0.22	6.02E-01	9.39E-01
RHOV	-0.21	5.05E-01	1.00E+00	-0.28	6.02E-01	9.39E-01
BRIP1	-0.34	3.42E-01	1.00E+00	0.31	6.02E-01	9.39E-01

ERICH6-AS1	-0.28	7.19E-01	1.00E+00	-0.28	6.02E-01	9.39E-01
NRM	-0.33	1.84E-01	1.00E+00	-0.16	6.02E-01	9.39E-01
LINC01358	-0.46	6.98E-01	1.00E+00	0.31	6.02E-01	9.39E-01
EME1	0.14	8.57E-01	1.00E+00	0.57	6.02E-01	9.39E-01
AC232271.1	1.52	4.16E-01	1.00E+00	0.64	6.02E-01	9.39E-01
PDGFC	0.36	1.83E-01	1.00E+00	0.12	6.02E-01	9.39E-01
AP001055.1	-1.38	1.77E-01	1.00E+00	0.48	6.02E-01	9.39E-01
XLOC_008164	-2.02	6.40E-02	1.00E+00	0.58	6.03E-01	9.39E-01
PDE1A	-0.10	8.45E-01	1.00E+00	0.33	6.03E-01	9.39E-01
ZMYM2	0.04	8.72E-01	1.00E+00	0.11	6.03E-01	9.39E-01
EIF4E2	-0.01	9.37E-01	1.00E+00	0.08	6.03E-01	9.39E-01
G7721	-0.57	8.28E-01	1.00E+00	-1.53	6.03E-01	9.39E-01
NFIC	-0.31	3.04E-01	1.00E+00	0.18	6.03E-01	9.39E-01
OCIAD2	-0.32	1.16E-01	1.00E+00	-0.20	6.03E-01	9.39E-01
HEXA	0.37	3.77E-01	1.00E+00	0.19	6.03E-01	9.39E-01
LINC00158	-2.79	4.12E-01	1.00E+00	0.90	6.03E-01	9.39E-01
EIF2B1	-0.17	3.86E-01	1.00E+00	-0.11	6.03E-01	9.39E-01
RERG	0.13	7.12E-01	1.00E+00	-0.18	6.03E-01	9.39E-01
AC109460.2	2.46	2.60E-01	1.00E+00	-0.93	6.03E-01	9.39E-01
MKX	0.12	8.78E-01	1.00E+00	0.95	6.03E-01	9.39E-01
SMAP2	-0.01	9.84E-01	1.00E+00	0.30	6.03E-01	9.39E-01
CBX7	0.32	2.87E-01	1.00E+00	-0.22	6.03E-01	9.39E-01
GOLGA1	-0.26	2.75E-01	1.00E+00	0.14	6.03E-01	9.39E-01
RAB3GAP2	0.15	5.09E-01	1.00E+00	0.11	6.03E-01	9.40E-01
SSTR2	-0.98	7.60E-02	1.00E+00	0.37	6.03E-01	9.40E-01
XLOC_009060	0.52	8.79E-01	1.00E+00	0.64	6.03E-01	9.40E-01
ACTR8	-0.18	4.43E-01	1.00E+00	0.08	6.04E-01	9.40E-01
TMEM209	0.21	2.57E-01	1.00E+00	-0.17	6.04E-01	9.40E-01
AP006222.2	-0.12	8.01E-01	1.00E+00	-0.22	6.04E-01	9.40E-01
ANK2	0.33	3.99E-01	1.00E+00	0.25	6.04E-01	9.40E-01
IDO1	-0.31	7.18E-01	1.00E+00	1.63	6.04E-01	9.40E-01
G32333	0.32	6.21E-01	1.00E+00	0.50	6.04E-01	9.40E-01

G37465	-0.67	4.02E-01	1.00E+00	0.55	6.04E-01	9.40E-01
AL512646.1	NA	NA	NA	-1.63	6.04E-01	9.40E-01
PLXNA3	-0.26	3.02E-01	1.00E+00	0.27	6.04E-01	9.40E-01
ASB16	-1.41	6.75E-02	1.00E+00	-0.62	6.04E-01	9.40E-01
BX470102.1	1.07	1.73E-01	1.00E+00	0.37	6.04E-01	9.40E-01
PYGM	-0.55	3.68E-01	1.00E+00	-1.04	6.04E-01	9.40E-01
RNF152	-0.08	8.53E-01	1.00E+00	-0.25	6.04E-01	9.40E-01
P2RY1	-0.11	8.12E-01	1.00E+00	-0.24	6.04E-01	9.40E-01
CTNNA1	-0.18	2.63E-01	1.00E+00	0.11	6.04E-01	9.40E-01
FARSA	-0.03	8.76E-01	1.00E+00	0.11	6.04E-01	9.40E-01
MUS81	-0.22	4.22E-01	1.00E+00	0.15	6.04E-01	9.40E-01
CCDC113	-0.11	6.30E-01	1.00E+00	0.13	6.04E-01	9.40E-01
WBP4	0.28	1.33E-01	1.00E+00	-0.11	6.04E-01	9.40E-01
RHOT2	-0.20	2.71E-01	1.00E+00	0.12	6.04E-01	9.40E-01
FBXO11	-0.23	1.10E-01	1.00E+00	0.20	6.04E-01	9.40E-01
CCDC134	0.22	5.71E-01	1.00E+00	-0.21	6.04E-01	9.40E-01
AC012313.2	0.78	4.68E-01	1.00E+00	-0.60	6.04E-01	9.40E-01
FAM66A	-1.78	4.67E-02	1.00E+00	-0.74	6.05E-01	9.40E-01
TWISTNB	-0.03	8.58E-01	1.00E+00	-0.12	6.05E-01	9.40E-01
BX571846.1	3.14	8.52E-02	1.00E+00	0.61	6.05E-01	9.40E-01
AL512274.1	0.39	2.37E-01	1.00E+00	0.26	6.05E-01	9.40E-01
NAALADL1	0.06	8.78E-01	1.00E+00	0.15	6.05E-01	9.40E-01
GPR143	0.07	8.69E-01	1.00E+00	0.24	6.05E-01	9.40E-01
AC024451.2	-2.02	3.11E-01	1.00E+00	0.64	6.05E-01	9.40E-01
AC016734.1	-2.33	1.27E-01	1.00E+00	-0.26	6.05E-01	9.40E-01
DLG1-AS1	-0.36	8.33E-01	1.00E+00	-0.58	6.05E-01	9.40E-01
AL133330.1	-1.55	4.06E-01	1.00E+00	-0.51	6.05E-01	9.40E-01
FAM71F2	-0.02	9.88E-01	1.00E+00	0.63	6.05E-01	9.40E-01
DIAPH3	-0.17	6.91E-01	1.00E+00	0.23	6.05E-01	9.40E-01
RBM19	-0.25	2.72E-01	1.00E+00	0.17	6.05E-01	9.40E-01
OSR2	1.11	1.84E-02	8.51E-01	0.28	6.05E-01	9.40E-01
MKRN2	0.04	8.69E-01	1.00E+00	-0.10	6.05E-01	9.40E-01

MRE11	0.03	9.14E-01	1.00E+00	-0.10	6.05E-01	9.40E-01
TMCO1	0.13	4.17E-01	1.00E+00	-0.12	6.05E-01	9.40E-01
NOS1AP	-0.05	9.21E-01	1.00E+00	-0.30	6.05E-01	9.40E-01
FAM86B2	-2.47	3.07E-02	1.00E+00	-0.39	6.05E-01	9.40E-01
ARMC2	-0.20	6.06E-01	1.00E+00	-0.19	6.05E-01	9.40E-01
NOL9	0.09	7.83E-01	1.00E+00	-0.16	6.05E-01	9.40E-01
C17orf67	-0.80	1.45E-01	1.00E+00	0.37	6.05E-01	9.40E-01
PIAS3	-0.47	1.57E-01	1.00E+00	0.16	6.05E-01	9.40E-01
CHP2	0.34	4.04E-01	1.00E+00	-0.47	6.06E-01	9.40E-01
ADRB1	-0.08	8.96E-01	1.00E+00	0.32	6.06E-01	9.40E-01
XLOC_001097	0.25	9.42E-01	1.00E+00	-0.62	6.06E-01	9.40E-01
DCTD	0.07	6.77E-01	1.00E+00	0.08	6.06E-01	9.40E-01
2-Mar	-0.17	5.26E-01	1.00E+00	-0.32	6.06E-01	9.40E-01
STMND1	1.11	3.76E-01	1.00E+00	-0.76	6.06E-01	9.40E-01
RAB27B	0.04	9.17E-01	1.00E+00	0.25	6.06E-01	9.40E-01
METTL23	0.11	6.16E-01	1.00E+00	-0.15	6.06E-01	9.40E-01
RP11-353N4.4	0.02	9.88E-01	1.00E+00	0.35	6.06E-01	9.40E-01
AC083906.5	-4.49	5.63E-03	4.46E-01	-0.52	6.06E-01	9.40E-01
MORC2	0.02	9.32E-01	1.00E+00	0.32	6.06E-01	9.40E-01
AC073107.1	-0.47	2.88E-01	1.00E+00	0.19	6.06E-01	9.40E-01
MORC2-AS1	-2.10	4.84E-01	1.00E+00	0.53	6.06E-01	9.40E-01
C12orf49	0.39	8.31E-02	1.00E+00	0.19	6.06E-01	9.40E-01
H3F3BP1	-0.30	9.31E-01	1.00E+00	-0.35	6.06E-01	9.40E-01
TFAP2A-AS1	-0.55	5.67E-01	1.00E+00	0.33	6.06E-01	9.40E-01
AC093110.1	0.33	7.88E-01	1.00E+00	0.52	6.06E-01	9.40E-01
AC090607.2	0.61	8.57E-01	1.00E+00	0.60	6.07E-01	9.40E-01
C11orf74	0.50	1.31E-01	1.00E+00	-0.16	6.07E-01	9.40E-01
MARK2	-0.08	7.78E-01	1.00E+00	-0.31	6.07E-01	9.40E-01
MTR	0.31	3.70E-01	1.00E+00	0.16	6.07E-01	9.40E-01
BICRAL	-0.07	7.22E-01	1.00E+00	0.18	6.07E-01	9.40E-01
CAPN6	-0.03	9.62E-01	1.00E+00	0.39	6.07E-01	9.40E-01
AL451164.1	0.03	9.89E-01	1.00E+00	0.69	6.07E-01	9.40E-01

DUOX1	-0.16	7.02E-01	1.00E+00	0.34	6.07E-01	9.40E-01
AP001208.2	-0.01	9.96E-01	1.00E+00	-0.47	6.07E-01	9.40E-01
G39661	1.27	2.82E-01	1.00E+00	0.44	6.07E-01	9.40E-01
AL031291.1	-0.32	7.57E-01	1.00E+00	0.78	6.07E-01	9.40E-01
PGAP1	0.24	3.79E-01	1.00E+00	-0.20	6.07E-01	9.40E-01
SVOPL	-0.82	4.78E-01	1.00E+00	-0.47	6.07E-01	9.40E-01
AC023157.3	0.18	6.45E-01	1.00E+00	0.16	6.07E-01	9.40E-01
CDKL3	-1.77	1.79E-01	1.00E+00	0.31	6.07E-01	9.40E-01
TP53BP2	-0.08	7.25E-01	1.00E+00	0.22	6.07E-01	9.40E-01
UNC119B	0.73	1.55E-01	1.00E+00	0.23	6.07E-01	9.40E-01
AC138866.1	-3.32	2.05E-02	8.94E-01	0.28	6.07E-01	9.40E-01
CCL24	0.09	9.36E-01	1.00E+00	-0.37	6.07E-01	9.40E-01
KIAA0556	-0.29	2.45E-01	1.00E+00	0.28	6.07E-01	9.40E-01
GRK2	0.03	8.90E-01	1.00E+00	0.31	6.07E-01	9.40E-01
PAFAH1B3	-0.30	1.96E-01	1.00E+00	-0.13	6.07E-01	9.40E-01
IFT81	0.26	3.83E-01	1.00E+00	0.13	6.07E-01	9.41E-01
FAM222A	-0.21	5.64E-01	1.00E+00	-0.34	6.07E-01	9.41E-01
MIR9-3HG	-0.88	1.33E-01	1.00E+00	0.59	6.08E-01	9.41E-01
PEBP1P2	1.17	5.30E-01	1.00E+00	-0.30	6.08E-01	9.41E-01
AC022150.4	0.65	1.50E-01	1.00E+00	-0.30	6.08E-01	9.41E-01
YY1AP1	-0.34	3.27E-02	1.00E+00	0.10	6.08E-01	9.41E-01
TOMM22	-0.02	9.10E-01	1.00E+00	-0.08	6.08E-01	9.41E-01
KCNU1	-1.61	6.32E-01	1.00E+00	0.73	6.08E-01	9.41E-01
CSTA	-0.02	9.62E-01	1.00E+00	0.26	6.08E-01	9.41E-01
PAXIP1	-0.21	4.24E-01	1.00E+00	0.18	6.08E-01	9.41E-01
AC018553.2	0.60	2.99E-01	1.00E+00	0.36	6.08E-01	9.41E-01
UBQLN1	0.13	5.36E-01	1.00E+00	-0.12	6.08E-01	9.41E-01
FCGR3B	-0.29	7.21E-01	1.00E+00	-0.27	6.08E-01	9.41E-01
TRAV5	0.78	7.32E-01	1.00E+00	0.78	6.08E-01	9.41E-01
AC025164.1	-0.31	4.60E-01	1.00E+00	-0.29	6.08E-01	9.41E-01
EMG1	0.25	2.48E-01	1.00E+00	-0.15	6.08E-01	9.41E-01
AC022898.1	2.62	4.41E-01	1.00E+00	-0.87	6.08E-01	9.41E-01

ADORA1	0.66	5.70E-01	1.00E+00	-1.61	6.08E-01	9.41E-01
XLOC_009221	-0.29	9.32E-01	1.00E+00	0.83	6.08E-01	9.41E-01
OGA	0.00	9.98E-01	1.00E+00	-0.15	6.08E-01	9.41E-01
FABP5P3	1.08	7.53E-01	1.00E+00	-0.30	6.08E-01	9.41E-01
G28383	3.75	1.18E-01	1.00E+00	-0.54	6.08E-01	9.41E-01
AC005920.1	0.70	6.23E-01	1.00E+00	0.51	6.08E-01	9.41E-01
AP000692.2	0.95	3.51E-01	1.00E+00	-0.36	6.08E-01	9.41E-01
AL137918.1	1.19	6.74E-01	1.00E+00	-0.88	6.08E-01	9.41E-01
PREP	0.08	7.80E-01	1.00E+00	-0.15	6.08E-01	9.41E-01
MCM9	-0.37	2.21E-01	1.00E+00	0.16	6.09E-01	9.41E-01
MTHFSD	0.07	7.72E-01	1.00E+00	-0.12	6.09E-01	9.41E-01
AC011997.1	-0.29	9.01E-01	1.00E+00	0.63	6.09E-01	9.41E-01
XLOC_010292	-0.72	3.49E-01	1.00E+00	0.42	6.09E-01	9.41E-01
TIMM8AP1	-1.86	2.12E-01	1.00E+00	0.39	6.09E-01	9.41E-01
AL138921.2	0.59	5.67E-01	1.00E+00	-0.47	6.09E-01	9.41E-01
CAD	-0.17	5.50E-01	1.00E+00	0.27	6.09E-01	9.41E-01
RFNG	-0.10	7.05E-01	1.00E+00	0.22	6.09E-01	9.41E-01
TNFRSF11B	-0.32	5.04E-01	1.00E+00	-0.39	6.09E-01	9.41E-01
TMED3	-0.20	4.05E-01	1.00E+00	0.14	6.09E-01	9.41E-01
BUB1B	-0.26	4.82E-01	1.00E+00	-0.36	6.09E-01	9.41E-01
PAQR6	-0.49	4.53E-01	1.00E+00	0.41	6.09E-01	9.41E-01
OPA1	0.13	3.93E-01	1.00E+00	-0.07	6.09E-01	9.41E-01
KIR2DL3	-2.11	5.36E-01	1.00E+00	-0.83	6.09E-01	9.41E-01
KDM7A	0.42	2.60E-01	1.00E+00	0.21	6.09E-01	9.41E-01
DBNDD2	-0.15	7.60E-01	1.00E+00	0.27	6.09E-01	9.41E-01
FASTKD2	-0.05	7.91E-01	1.00E+00	-0.14	6.09E-01	9.41E-01
HNRNPA1P21	0.19	8.75E-01	1.00E+00	0.71	6.09E-01	9.41E-01
TBC1D8B	0.26	6.39E-01	1.00E+00	-0.15	6.09E-01	9.41E-01
CDIPTOSP	-2.16	3.44E-01	1.00E+00	-0.73	6.09E-01	9.41E-01
AL132656.4	0.21	5.27E-01	1.00E+00	0.27	6.09E-01	9.41E-01
AC110373.1	-0.29	7.44E-01	1.00E+00	-0.64	6.10E-01	9.41E-01
SELENOW	0.19	2.27E-01	1.00E+00	-0.14	6.10E-01	9.42E-01

CHDH	0.03	9.67E-01	1.00E+00	-0.25	6.10E-01	9.42E-01
AC008760.2	-0.05	9.74E-01	1.00E+00	1.47	6.10E-01	9.42E-01
SNAP23	0.28	2.77E-01	1.00E+00	0.15	6.10E-01	9.42E-01
TMEM246	0.15	6.19E-01	1.00E+00	-0.16	6.10E-01	9.42E-01
TMEM201	-0.23	2.80E-01	1.00E+00	0.24	6.10E-01	9.42E-01
AC083949.1	-0.38	9.11E-01	1.00E+00	0.79	6.10E-01	9.42E-01
AC026124.2	-3.06	4.83E-02	1.00E+00	0.46	6.10E-01	9.42E-01
KRTAP3-3	-23.49	6.16E-12	4.05E-09	-1.63	6.10E-01	9.42E-01
XLOC_002455	-1.03	3.42E-01	1.00E+00	0.58	6.11E-01	9.42E-01
NISCH	-0.24	3.29E-01	1.00E+00	0.18	6.11E-01	9.42E-01
AC022075.1	0.27	6.88E-01	1.00E+00	0.30	6.11E-01	9.42E-01
KBTBD7	0.31	2.07E-01	1.00E+00	-0.12	6.11E-01	9.42E-01
SOCS6	-0.12	6.26E-01	1.00E+00	0.11	6.11E-01	9.42E-01
SF1	-0.29	1.64E-01	1.00E+00	0.21	6.11E-01	9.42E-01
PDCD7	0.03	8.22E-01	1.00E+00	0.17	6.11E-01	9.42E-01
XLOC_008357	-1.29	1.75E-01	1.00E+00	0.34	6.11E-01	9.42E-01
GUSBP2	-0.35	7.15E-01	1.00E+00	-0.39	6.11E-01	9.42E-01
EPB41L4A-AS1	-0.21	5.12E-01	1.00E+00	0.17	6.11E-01	9.42E-01
FAM219B	0.15	5.85E-01	1.00E+00	-0.20	6.11E-01	9.42E-01
COPB2	0.05	7.95E-01	1.00E+00	0.10	6.11E-01	9.42E-01
CCT6A	-0.10	6.08E-01	1.00E+00	0.07	6.11E-01	9.42E-01
MPDZ	0.52	1.92E-01	1.00E+00	0.27	6.11E-01	9.42E-01
G35852	-1.94	5.71E-01	1.00E+00	-1.16	6.11E-01	9.42E-01
VEGFC	0.56	1.82E-01	1.00E+00	0.34	6.11E-01	9.42E-01
AC027031.2	0.25	6.93E-01	1.00E+00	-0.39	6.11E-01	9.42E-01
RFLNB	-0.20	6.91E-01	1.00E+00	-0.27	6.11E-01	9.42E-01
CAPN12	0.61	3.54E-01	1.00E+00	-0.42	6.11E-01	9.42E-01
AP001922.6	2.38	2.33E-02	9.15E-01	0.57	6.11E-01	9.42E-01
VNN3	NA	NA	NA	1.61	6.11E-01	9.42E-01
RBBP4P1	0.33	8.76E-01	1.00E+00	0.30	6.11E-01	9.42E-01
ROCK1P1	-0.19	8.70E-01	1.00E+00	-0.39	6.11E-01	9.42E-01
FBXL17	-0.03	8.87E-01	1.00E+00	0.23	6.11E-01	9.42E-01

AC004918.3	0.36	6.92E-01	1.00E+00	-0.53	6.11E-01	9.42E-01
HINT2	-0.71	8.37E-01	1.00E+00	-0.31	6.11E-01	9.42E-01
PLCL1	-0.15	7.55E-01	1.00E+00	0.31	6.11E-01	9.42E-01
INPP5B	0.06	7.57E-01	1.00E+00	0.17	6.12E-01	9.42E-01
AK8	-0.45	3.01E-01	1.00E+00	-0.23	6.12E-01	9.42E-01
CRTC2	-0.20	3.66E-01	1.00E+00	0.24	6.12E-01	9.42E-01
C17orf75	0.12	6.39E-01	1.00E+00	0.11	6.12E-01	9.42E-01
IL10RB-DT	0.26	7.75E-01	1.00E+00	0.43	6.12E-01	9.42E-01
PIGC	0.12	6.36E-01	1.00E+00	-0.12	6.12E-01	9.42E-01
KRT18P34	1.26	4.43E-01	1.00E+00	0.47	6.12E-01	9.42E-01
NBPF14	-0.89	2.61E-01	1.00E+00	-0.24	6.12E-01	9.42E-01
FAM131B	0.09	9.00E-01	1.00E+00	0.50	6.12E-01	9.42E-01
AC005593.1	-2.21	2.63E-01	1.00E+00	-0.60	6.12E-01	9.42E-01
CTTNBP2	0.26	4.89E-01	1.00E+00	0.22	6.12E-01	9.42E-01
AC004540.1	-0.25	7.15E-01	1.00E+00	-0.31	6.12E-01	9.43E-01
ZBTB7C	-0.32	1.47E-01	1.00E+00	-0.26	6.12E-01	9.43E-01
DMTF1	-0.03	9.05E-01	1.00E+00	-0.17	6.12E-01	9.43E-01
GRP	-2.81	5.97E-02	1.00E+00	0.63	6.12E-01	9.43E-01
KMT2E-AS1	-0.14	7.12E-01	1.00E+00	0.13	6.12E-01	9.43E-01
LINC01012	-0.67	6.97E-01	1.00E+00	0.56	6.13E-01	9.43E-01
PCDH1	-0.25	2.83E-01	1.00E+00	0.20	6.13E-01	9.43E-01
EOGT	0.32	2.66E-01	1.00E+00	0.18	6.13E-01	9.43E-01
AF131216.1	2.18	4.02E-01	1.00E+00	-0.52	6.13E-01	9.43E-01
AC046185.2	-0.16	8.06E-01	1.00E+00	-0.26	6.13E-01	9.43E-01
GRPEL1	-0.07	7.42E-01	1.00E+00	0.13	6.13E-01	9.43E-01
CHRNA5	-1.36	2.00E-01	1.00E+00	-0.39	6.13E-01	9.43E-01
PIGT	-0.04	8.68E-01	1.00E+00	0.11	6.13E-01	9.43E-01
FAM122C	-0.27	4.42E-01	1.00E+00	-0.21	6.13E-01	9.43E-01
ERCC6	-0.11	7.16E-01	1.00E+00	0.13	6.13E-01	9.43E-01
HSF2BP	-0.32	7.30E-01	1.00E+00	-0.32	6.13E-01	9.43E-01
DNASE2B	-2.04	5.54E-01	1.00E+00	-1.10	6.13E-01	9.43E-01
DGCR11	0.12	7.65E-01	1.00E+00	0.33	6.13E-01	9.43E-01

PCDH8	-2.76	3.42E-03	3.13E-01	0.68	6.13E-01	9.43E-01
RIOX2	-0.09	7.22E-01	1.00E+00	0.10	6.13E-01	9.43E-01
PABPC5	0.28	6.10E-01	1.00E+00	-0.43	6.13E-01	9.43E-01
WWC1	-0.10	6.40E-01	1.00E+00	0.25	6.13E-01	9.43E-01
MYPN	-3.64	8.75E-02	1.00E+00	0.78	6.13E-01	9.43E-01
VIM-AS1	0.00	9.96E-01	1.00E+00	-0.28	6.13E-01	9.43E-01
AC092821.3	-1.93	5.07E-01	1.00E+00	-0.66	6.14E-01	9.43E-01
LRPPRC	0.21	4.79E-01	1.00E+00	0.08	6.14E-01	9.43E-01
AL033519.2	0.36	7.46E-01	1.00E+00	-0.36	6.14E-01	9.43E-01
RHBDF2	-0.20	6.33E-01	1.00E+00	0.36	6.14E-01	9.43E-01
HIRIP3	0.04	8.28E-01	1.00E+00	0.09	6.14E-01	9.43E-01
SYT6	-1.29	2.00E-01	1.00E+00	-0.52	6.14E-01	9.43E-01
ITLN1	-3.18	3.22E-01	1.00E+00	0.89	6.14E-01	9.43E-01
NUP107	0.10	7.59E-01	1.00E+00	-0.14	6.14E-01	9.43E-01
ZNF205	-0.17	6.01E-01	1.00E+00	0.45	6.14E-01	9.43E-01
NDUFV2	0.81	8.05E-01	1.00E+00	0.27	6.14E-01	9.43E-01
NUDT9P1	-3.44	3.54E-02	1.00E+00	0.65	6.14E-01	9.43E-01
IFT52	0.19	3.47E-01	1.00E+00	-0.11	6.14E-01	9.43E-01
AC006504.5	0.43	2.35E-01	1.00E+00	-0.16	6.14E-01	9.43E-01
WASHC2A	-0.62	7.31E-02	1.00E+00	0.19	6.14E-01	9.43E-01
AC073111.5	-0.15	6.52E-01	1.00E+00	0.13	6.14E-01	9.43E-01
ADGRF4	0.63	2.36E-01	1.00E+00	0.38	6.14E-01	9.43E-01
AC048346.1	NA	NA	NA	1.59	6.14E-01	9.43E-01
GPNMB	0.02	9.35E-01	1.00E+00	0.13	6.14E-01	9.43E-01
AC007639.1	-2.19	5.23E-01	1.00E+00	-0.69	6.14E-01	9.43E-01
PPP1R8	-0.09	5.92E-01	1.00E+00	0.11	6.15E-01	9.43E-01
RPL12P17	1.15	7.38E-01	1.00E+00	-0.36	6.15E-01	9.43E-01
LINC02437	-0.80	8.27E-02	1.00E+00	-0.28	6.15E-01	9.43E-01
PKD1L1	0.21	8.17E-01	1.00E+00	0.54	6.15E-01	9.43E-01
LINC02195	-1.78	5.46E-01	1.00E+00	0.79	6.15E-01	9.43E-01
XLOC_009153	NA	NA	NA	0.64	6.15E-01	9.43E-01
KRTAP9-3	-18.04	1.08E-07	4.40E-05	-1.61	6.15E-01	9.43E-01

AL365295.1	0.02	9.74E-01	1.00E+00	-0.28	6.15E-01	9.43E-01
LNCsRLR	-2.84	2.97E-01	1.00E+00	-0.76	6.15E-01	9.43E-01
RAB28	0.28	2.23E-01	1.00E+00	-0.18	6.15E-01	9.43E-01
CRB1	-2.08	9.08E-02	1.00E+00	-0.51	6.15E-01	9.43E-01
R3HDM2	-0.24	3.71E-01	1.00E+00	0.14	6.15E-01	9.43E-01
TMC7	-0.53	3.55E-01	1.00E+00	0.43	6.15E-01	9.43E-01
XLOC_011753	-0.51	7.84E-01	1.00E+00	0.69	6.15E-01	9.43E-01
ARIH1	0.13	5.33E-01	1.00E+00	-0.13	6.15E-01	9.43E-01
SGO2	0.19	6.52E-01	1.00E+00	0.14	6.15E-01	9.43E-01
CDK5	-0.25	1.37E-01	1.00E+00	0.09	6.15E-01	9.43E-01
C1orf226	-0.36	2.68E-01	1.00E+00	-0.28	6.15E-01	9.43E-01
AP4E1	-0.17	6.36E-01	1.00E+00	0.15	6.15E-01	9.43E-01
FAAHP1	-0.54	8.69E-01	1.00E+00	0.76	6.15E-01	9.43E-01
LNx1	0.12	7.15E-01	1.00E+00	0.13	6.15E-01	9.43E-01
RAB5B	-0.07	8.15E-01	1.00E+00	0.17	6.15E-01	9.43E-01
CRYL1	0.10	8.01E-01	1.00E+00	-0.16	6.15E-01	9.43E-01
CARNS1	-1.20	1.40E-02	7.46E-01	-0.38	6.15E-01	9.43E-01
MPZL1	0.19	4.83E-01	1.00E+00	0.13	6.15E-01	9.43E-01
OTOP1	-0.01	9.90E-01	1.00E+00	-0.42	6.16E-01	9.43E-01
MIER2	-0.46	1.12E-01	1.00E+00	0.29	6.16E-01	9.43E-01
XRCC6P2	-0.03	9.85E-01	1.00E+00	-0.30	6.16E-01	9.43E-01
ZNF682	-0.34	4.30E-01	1.00E+00	-0.22	6.16E-01	9.43E-01
ORM2	NA	NA	NA	1.00	6.16E-01	9.44E-01
EBNA1BP2	-0.24	2.02E-01	1.00E+00	-0.12	6.16E-01	9.44E-01
KDELc2	0.24	2.39E-01	1.00E+00	-0.15	6.16E-01	9.44E-01
CALCB	-2.46	8.36E-02	1.00E+00	0.69	6.16E-01	9.44E-01
SERPINB11	1.76	6.07E-01	1.00E+00	1.61	6.16E-01	9.44E-01
SSBP4	-0.50	1.32E-02	7.22E-01	0.34	6.16E-01	9.44E-01
AC007285.1	0.25	6.88E-01	1.00E+00	0.47	6.16E-01	9.44E-01
EIF3B	-0.10	6.78E-01	1.00E+00	-0.25	6.16E-01	9.44E-01
AC044787.1	0.10	9.30E-01	1.00E+00	-0.32	6.16E-01	9.44E-01
AC007494.2	NA	NA	NA	0.60	6.16E-01	9.44E-01

PROK1	-0.07	9.65E-01	1.00E+00	0.72	6.16E-01	9.44E-01
AL080317.1	1.76	2.23E-02	8.98E-01	-0.33	6.16E-01	9.44E-01
SIGLEC6	0.53	6.48E-01	1.00E+00	-0.40	6.16E-01	9.44E-01
TEFM	0.12	7.45E-01	1.00E+00	-0.16	6.16E-01	9.44E-01
LIPH	0.46	6.26E-02	1.00E+00	-0.25	6.16E-01	9.44E-01
SLC12A6	0.39	1.75E-01	1.00E+00	0.23	6.16E-01	9.44E-01
SLC4A8	-1.59	6.75E-02	1.00E+00	0.59	6.16E-01	9.44E-01
AL138885.3	-0.50	8.56E-01	1.00E+00	0.57	6.17E-01	9.44E-01
SYN1	0.08	9.25E-01	1.00E+00	0.44	6.17E-01	9.44E-01
AATK	-0.72	1.35E-01	1.00E+00	-1.51	6.17E-01	9.44E-01
EEF1B2	-0.23	5.06E-01	1.00E+00	0.11	6.17E-01	9.44E-01
G28443	-0.84	3.28E-01	1.00E+00	0.41	6.17E-01	9.44E-01
MAP2K1	0.33	3.99E-01	1.00E+00	-0.25	6.17E-01	9.44E-01
PDE9A	-0.04	9.49E-01	1.00E+00	-0.28	6.17E-01	9.44E-01
XLOC_000302	0.42	3.74E-01	1.00E+00	-0.38	6.17E-01	9.44E-01
MRPL1	0.09	6.79E-01	1.00E+00	0.10	6.17E-01	9.44E-01
IGHV2-5	3.93	3.81E-02	1.00E+00	1.59	6.17E-01	9.44E-01
PLCH1	-0.83	2.13E-01	1.00E+00	-0.36	6.17E-01	9.44E-01
LINC01560	-0.15	6.66E-01	1.00E+00	-0.17	6.17E-01	9.44E-01
CGNL1	0.00	9.93E-01	1.00E+00	-0.23	6.17E-01	9.44E-01
AC018742.1	1.21	1.28E-01	1.00E+00	-0.37	6.17E-01	9.44E-01
KTI12	-0.32	4.39E-01	1.00E+00	-0.16	6.17E-01	9.44E-01
SMIM5	-0.15	7.67E-01	1.00E+00	0.26	6.17E-01	9.44E-01
TSIX	-1.93	5.74E-01	1.00E+00	-0.73	6.17E-01	9.44E-01
FAM49B	0.00	9.97E-01	1.00E+00	-0.15	6.17E-01	9.44E-01
GTPBP10	0.18	4.43E-01	1.00E+00	0.09	6.17E-01	9.44E-01
NOP56	-0.15	5.32E-01	1.00E+00	0.11	6.17E-01	9.44E-01
LINC02599	-2.40	2.83E-02	9.75E-01	0.71	6.17E-01	9.44E-01
PSMD14	-0.01	9.76E-01	1.00E+00	-0.14	6.17E-01	9.44E-01
ECSIT	-0.23	3.31E-01	1.00E+00	0.12	6.17E-01	9.44E-01
CDCA7L	0.15	6.52E-01	1.00E+00	-0.19	6.17E-01	9.44E-01
GRIN2B	-0.83	5.65E-01	1.00E+00	-0.47	6.17E-01	9.44E-01

RALGAPA1P1	0.34	6.66E-01	1.00E+00	-0.19	6.18E-01	9.44E-01
POMGNT2	0.00	9.96E-01	1.00E+00	-0.20	6.18E-01	9.44E-01
AC011933.1	-0.92	6.91E-01	1.00E+00	-0.25	6.18E-01	9.44E-01
ZNF197-AS1	-1.62	3.87E-01	1.00E+00	-0.59	6.18E-01	9.44E-01
AC005790.1	-0.98	5.48E-01	1.00E+00	0.57	6.18E-01	9.44E-01
TRAV3	-2.09	3.59E-01	1.00E+00	0.62	6.18E-01	9.44E-01
RPS3AP26	-0.20	6.13E-01	1.00E+00	-0.22	6.18E-01	9.44E-01
KIF9-AS1	0.46	6.09E-01	1.00E+00	0.32	6.18E-01	9.44E-01
PTPN21	0.15	6.47E-01	1.00E+00	-0.16	6.18E-01	9.44E-01
LRP6	0.16	6.13E-01	1.00E+00	-0.19	6.18E-01	9.44E-01
TMOD3	0.08	7.29E-01	1.00E+00	0.09	6.18E-01	9.44E-01
FGF2	0.56	3.96E-01	1.00E+00	-0.31	6.18E-01	9.44E-01
KRT35	-3.45	2.99E-01	1.00E+00	-1.58	6.18E-01	9.44E-01
MAP7D3	0.16	6.62E-01	1.00E+00	0.17	6.18E-01	9.44E-01
MID2	-0.04	9.22E-01	1.00E+00	-0.25	6.18E-01	9.44E-01
AC092376.3	-0.35	6.54E-01	1.00E+00	-0.63	6.18E-01	9.44E-01
LINC02447	0.31	6.96E-01	1.00E+00	-0.32	6.18E-01	9.44E-01
AC068790.9	-1.29	7.04E-01	1.00E+00	-0.68	6.18E-01	9.44E-01
AIFM2	1.73	1.68E-02	8.16E-01	-0.29	6.18E-01	9.44E-01
TUBAP2	1.02	4.13E-01	1.00E+00	-0.25	6.18E-01	9.44E-01
AL592148.3	0.63	3.09E-01	1.00E+00	-0.23	6.18E-01	9.44E-01
BBS4	-0.18	4.94E-01	1.00E+00	-0.14	6.18E-01	9.44E-01
RBM24	0.14	8.25E-01	1.00E+00	-0.45	6.18E-01	9.44E-01
AL136295.5	0.34	7.91E-01	1.00E+00	0.40	6.18E-01	9.44E-01
AC125807.1	0.76	6.87E-01	1.00E+00	-0.27	6.18E-01	9.44E-01
NDUFS2	-0.01	9.73E-01	1.00E+00	-0.10	6.19E-01	9.44E-01
SIX5	0.02	9.43E-01	1.00E+00	0.38	6.19E-01	9.44E-01
KRTAP12-3	-3.31	1.06E-01	1.00E+00	-1.15	6.19E-01	9.44E-01
ZBTB39	-0.04	8.52E-01	1.00E+00	0.26	6.19E-01	9.44E-01
AC092903.2	0.45	6.69E-01	1.00E+00	-0.45	6.19E-01	9.44E-01
VHL	-0.29	2.58E-01	1.00E+00	0.28	6.19E-01	9.44E-01
AK4P1	0.29	6.44E-01	1.00E+00	0.29	6.19E-01	9.44E-01

GAS1	0.53	1.13E-01	1.00E+00	0.28	6.19E-01	9.44E-01
TM6SF1	-0.05	9.25E-01	1.00E+00	0.23	6.19E-01	9.44E-01
RPARP-AS1	-0.14	7.16E-01	1.00E+00	-0.18	6.19E-01	9.44E-01
ZNF623	0.33	1.20E-01	1.00E+00	-0.12	6.19E-01	9.44E-01
SMAP1	-0.16	5.62E-01	1.00E+00	-0.11	6.19E-01	9.44E-01
AC007292.2	-1.06	2.66E-01	1.00E+00	-0.40	6.19E-01	9.44E-01
DGKA	0.07	8.45E-01	1.00E+00	-0.16	6.19E-01	9.44E-01
GPX3	0.80	1.60E-01	1.00E+00	-0.29	6.19E-01	9.44E-01
MYO9A	0.08	7.23E-01	1.00E+00	-0.10	6.19E-01	9.44E-01
C10orf90	-0.37	4.32E-01	1.00E+00	0.32	6.19E-01	9.44E-01
AC023906.2	0.52	4.29E-01	1.00E+00	0.36	6.19E-01	9.44E-01
ZNF767P	-0.71	1.25E-01	1.00E+00	-0.32	6.19E-01	9.44E-01
FRRS1L	-3.58	1.25E-02	6.96E-01	-0.60	6.19E-01	9.44E-01
TNS1	0.37	4.90E-01	1.00E+00	0.37	6.19E-01	9.44E-01
SFRP5	-0.43	5.78E-01	1.00E+00	-1.57	6.19E-01	9.44E-01
AP005271.1	3.23	1.43E-01	1.00E+00	0.58	6.19E-01	9.44E-01
TMSB4Y	-0.15	8.72E-01	1.00E+00	0.30	6.19E-01	9.44E-01
CACHD1	-0.03	9.38E-01	1.00E+00	-0.23	6.20E-01	9.44E-01
ROR1	-0.11	7.62E-01	1.00E+00	-0.22	6.20E-01	9.44E-01
APOPT1	0.39	1.48E-01	1.00E+00	-0.17	6.20E-01	9.44E-01
STX16	0.13	5.26E-01	1.00E+00	0.13	6.20E-01	9.44E-01
TMEM131	-0.28	1.76E-01	1.00E+00	-0.18	6.20E-01	9.44E-01
ALG13	-0.13	5.31E-01	1.00E+00	-0.12	6.20E-01	9.44E-01
LRRC70	1.74	2.06E-01	1.00E+00	-0.45	6.20E-01	9.44E-01
KRTCAP2	-0.65	8.31E-01	1.00E+00	0.41	6.20E-01	9.44E-01
AL161756.1	-0.71	8.32E-01	1.00E+00	0.67	6.20E-01	9.44E-01
NXF1	-0.63	2.63E-02	9.46E-01	0.12	6.20E-01	9.44E-01
AC013275.1	2.53	1.95E-01	1.00E+00	-0.87	6.20E-01	9.44E-01
SUGP1	-0.18	4.24E-01	1.00E+00	0.09	6.20E-01	9.44E-01
XLOC_002108	-3.10	6.28E-02	1.00E+00	0.67	6.20E-01	9.44E-01
DYRK1B	-0.22	4.51E-01	1.00E+00	0.22	6.20E-01	9.44E-01
PHB	-0.01	9.48E-01	1.00E+00	0.10	6.20E-01	9.44E-01

ABT1	-0.19	3.58E-01	1.00E+00	0.11	6.20E-01	9.44E-01
ZNF793	0.07	8.08E-01	1.00E+00	-0.22	6.20E-01	9.44E-01
AC007878.1	-0.35	7.51E-01	1.00E+00	0.44	6.20E-01	9.44E-01
OSM	-2.94	3.07E-02	1.00E+00	1.56	6.20E-01	9.44E-01
ARFIP1	0.11	6.69E-01	1.00E+00	-0.10	6.20E-01	9.44E-01
RN7SL832P	-0.48	3.83E-01	1.00E+00	0.28	6.20E-01	9.44E-01
AP001029.2	-1.95	5.69E-01	1.00E+00	0.66	6.20E-01	9.44E-01
TRIM9	-0.74	2.18E-01	1.00E+00	0.33	6.20E-01	9.44E-01
SPEF1	-0.22	8.27E-01	1.00E+00	-0.60	6.20E-01	9.44E-01
MICAL3	-0.49	2.98E-02	9.97E-01	0.37	6.20E-01	9.44E-01
MT1A	-1.67	1.42E-01	1.00E+00	-0.28	6.20E-01	9.44E-01
SRSF7	-0.10	7.07E-01	1.00E+00	0.10	6.20E-01	9.44E-01
EFHD2	-0.31	1.47E-01	1.00E+00	0.29	6.20E-01	9.44E-01
JAK1	-0.13	5.56E-01	1.00E+00	-0.13	6.21E-01	9.44E-01
AC068768.1	-0.33	5.23E-01	1.00E+00	0.27	6.21E-01	9.44E-01
PA2G4P4	-1.54	4.47E-01	1.00E+00	0.35	6.21E-01	9.44E-01
IFRD2	-0.23	4.47E-01	1.00E+00	0.13	6.21E-01	9.44E-01
POF1B	0.10	8.83E-01	1.00E+00	-0.34	6.21E-01	9.44E-01
AC006206.2	-2.28	4.05E-02	1.00E+00	0.63	6.21E-01	9.44E-01
ARPC5	0.22	1.57E-01	1.00E+00	-0.14	6.21E-01	9.44E-01
AC098487.1	0.65	6.32E-01	1.00E+00	-0.33	6.21E-01	9.44E-01
BTBD2	-0.19	4.34E-01	1.00E+00	0.21	6.21E-01	9.44E-01
G230	0.70	8.09E-01	1.00E+00	0.75	6.21E-01	9.44E-01
WAC	0.02	9.16E-01	1.00E+00	0.11	6.21E-01	9.44E-01
RIN1	-0.12	7.32E-01	1.00E+00	0.21	6.21E-01	9.44E-01
UGDH	0.34	2.51E-01	1.00E+00	-0.16	6.21E-01	9.44E-01
GCN1	0.21	3.96E-01	1.00E+00	0.24	6.21E-01	9.44E-01
B3GALNT2	0.28	4.39E-01	1.00E+00	-0.20	6.21E-01	9.44E-01
NDUFV2-AS1	-0.06	8.90E-01	1.00E+00	0.19	6.21E-01	9.44E-01
AC069281.2	-2.22	2.46E-01	1.00E+00	-0.48	6.21E-01	9.44E-01
CD274	-0.71	2.68E-01	1.00E+00	1.55	6.21E-01	9.44E-01
SH3RF1	-0.14	6.39E-01	1.00E+00	0.12	6.21E-01	9.44E-01

AC016722.2	3.98	2.17E-02	8.94E-01	-0.48	6.21E-01	9.44E-01
AF117829.1	0.66	1.80E-01	1.00E+00	0.20	6.21E-01	9.44E-01
AL162171.2	0.37	9.14E-01	1.00E+00	0.73	6.21E-01	9.44E-01
CLDN1	0.38	3.95E-01	1.00E+00	-0.28	6.21E-01	9.44E-01
CXCR2P1	-1.02	5.28E-01	1.00E+00	1.55	6.22E-01	9.44E-01
G8154	-0.38	6.85E-01	1.00E+00	-0.36	6.22E-01	9.44E-01
ENDOU	-0.16	7.62E-01	1.00E+00	0.31	6.22E-01	9.44E-01
AC099550.1	-1.58	5.52E-01	1.00E+00	-0.54	6.22E-01	9.44E-01
AC091948.1	1.40	2.72E-01	1.00E+00	-0.50	6.22E-01	9.44E-01
RPL26P6	-1.49	4.50E-01	1.00E+00	-0.36	6.22E-01	9.44E-01
MYO1C	0.24	4.88E-01	1.00E+00	-0.24	6.22E-01	9.44E-01
PIK3C2G	-0.15	6.68E-01	1.00E+00	-0.31	6.22E-01	9.44E-01
AFF1	-0.06	7.74E-01	1.00E+00	-0.17	6.22E-01	9.44E-01
ZMAT3	0.28	2.61E-01	1.00E+00	0.14	6.22E-01	9.44E-01
ZNF726	0.09	9.18E-01	1.00E+00	-0.30	6.22E-01	9.44E-01
G5664	0.75	5.75E-01	1.00E+00	0.46	6.22E-01	9.44E-01
LINP1	-1.48	5.25E-01	1.00E+00	0.70	6.22E-01	9.44E-01
SARM1	-0.24	4.11E-01	1.00E+00	0.27	6.22E-01	9.44E-01
MED16	-0.18	4.67E-01	1.00E+00	0.18	6.22E-01	9.44E-01
CD70	0.10	9.08E-01	1.00E+00	0.88	6.22E-01	9.44E-01
CYP3A4	0.89	1.39E-01	1.00E+00	-0.43	6.22E-01	9.44E-01
OVCH1-AS1	0.45	5.99E-01	1.00E+00	0.35	6.22E-01	9.44E-01
CRYGS	-0.24	9.21E-01	1.00E+00	0.79	6.22E-01	9.44E-01
LDB1	-0.37	1.97E-01	1.00E+00	0.29	6.22E-01	9.44E-01
MAP3K4	0.26	2.35E-01	1.00E+00	0.12	6.22E-01	9.44E-01
CHTOP	0.09	6.33E-01	1.00E+00	0.07	6.22E-01	9.44E-01
LRRC27	-0.03	9.27E-01	1.00E+00	0.19	6.22E-01	9.44E-01
CCDC18	-0.27	6.09E-01	1.00E+00	-0.17	6.23E-01	9.44E-01
ADPGK-AS1	-0.57	6.66E-01	1.00E+00	-0.39	6.23E-01	9.44E-01
MAPK8IP3	-0.62	6.52E-02	1.00E+00	0.40	6.23E-01	9.44E-01
NECAP2	-0.07	7.09E-01	1.00E+00	0.08	6.23E-01	9.44E-01
UROS	-0.27	1.50E-01	1.00E+00	-0.13	6.23E-01	9.44E-01

ARHGEF39	0.42	3.67E-01	1.00E+00	0.22	6.23E-01	9.44E-01
CENPQ	0.39	2.85E-01	1.00E+00	-0.13	6.23E-01	9.44E-01
SOBP	0.02	9.67E-01	1.00E+00	0.34	6.23E-01	9.44E-01
AC099518.1	-1.69	3.79E-01	1.00E+00	-0.54	6.23E-01	9.44E-01
C7orf31	-0.07	8.21E-01	1.00E+00	-0.20	6.23E-01	9.44E-01
AC009119.1	-0.43	8.25E-01	1.00E+00	0.47	6.23E-01	9.44E-01
KDM3B	-0.10	6.11E-01	1.00E+00	0.17	6.23E-01	9.44E-01
SKA3	-0.23	5.21E-01	1.00E+00	0.26	6.23E-01	9.44E-01
ARHGAP19	0.61	1.93E-02	8.74E-01	0.13	6.23E-01	9.45E-01
NFKBIZ	-2.50	1.94E-02	8.74E-01	0.28	6.23E-01	9.45E-01
RASL10B	1.05	1.61E-01	1.00E+00	0.56	6.23E-01	9.45E-01
snoU109	-0.05	9.62E-01	1.00E+00	-0.26	6.23E-01	9.45E-01
SDF4	-0.05	8.09E-01	1.00E+00	0.33	6.24E-01	9.45E-01
PSG4	1.17	3.41E-01	1.00E+00	0.63	6.24E-01	9.45E-01
TMEM101	0.30	2.64E-02	9.49E-01	0.10	6.24E-01	9.45E-01
PIGN	-0.04	8.88E-01	1.00E+00	-0.16	6.24E-01	9.45E-01
LRRC37A2	0.25	4.47E-01	1.00E+00	-0.15	6.24E-01	9.45E-01
ERICH3	0.25	8.53E-01	1.00E+00	1.56	6.24E-01	9.45E-01
TMEM51-AS1	0.88	9.07E-02	1.00E+00	0.41	6.24E-01	9.45E-01
CNBP	-0.02	9.22E-01	1.00E+00	-0.12	6.24E-01	9.45E-01
AC090186.1	-1.65	3.43E-01	1.00E+00	-0.49	6.24E-01	9.45E-01
PDSS2	-0.04	8.51E-01	1.00E+00	0.12	6.24E-01	9.45E-01
RNASE4	-0.13	8.29E-01	1.00E+00	-0.25	6.24E-01	9.45E-01
FOSL2	-0.43	2.80E-01	1.00E+00	0.23	6.24E-01	9.45E-01
AC007683.1	0.43	9.03E-01	1.00E+00	-0.31	6.24E-01	9.45E-01
MFSD1	0.41	8.62E-02	1.00E+00	-0.10	6.24E-01	9.45E-01
CEP152	0.19	4.97E-01	1.00E+00	-0.27	6.24E-01	9.45E-01
AL122010.1	-0.39	4.62E-01	1.00E+00	0.28	6.24E-01	9.45E-01
XLOC_012288	-0.53	6.53E-01	1.00E+00	-0.48	6.24E-01	9.45E-01
SLC9A3R2	0.10	8.19E-01	1.00E+00	0.27	6.24E-01	9.45E-01
RNF8	0.11	6.22E-01	1.00E+00	0.10	6.24E-01	9.45E-01
SEPT7P7	NA	NA	NA	-0.35	6.24E-01	9.45E-01

AC004477.1	-0.96	3.43E-01	1.00E+00	0.50	6.24E-01	9.45E-01
CEP162	-0.41	1.76E-01	1.00E+00	-0.21	6.25E-01	9.45E-01
MYOM3	-0.44	4.28E-01	1.00E+00	0.30	6.25E-01	9.45E-01
AL050343.1	1.44	1.05E-01	1.00E+00	-0.56	6.25E-01	9.45E-01
PCNX4	0.01	9.46E-01	1.00E+00	-0.10	6.25E-01	9.45E-01
MSANTD2	0.03	9.43E-01	1.00E+00	-0.25	6.25E-01	9.45E-01
TMEM52B	-2.13	4.31E-01	1.00E+00	0.59	6.25E-01	9.45E-01
FAM32A	0.08	7.04E-01	1.00E+00	0.08	6.25E-01	9.45E-01
ZBTB44	0.14	4.08E-01	1.00E+00	0.13	6.25E-01	9.45E-01
COX10	-0.10	6.37E-01	1.00E+00	-0.11	6.25E-01	9.45E-01
LINC00899	-0.51	2.11E-01	1.00E+00	0.24	6.25E-01	9.45E-01
AC233266.2	-1.15	7.39E-01	1.00E+00	-0.46	6.25E-01	9.45E-01
AC096564.1	-0.74	8.32E-01	1.00E+00	0.39	6.25E-01	9.45E-01
DRAP1	-0.28	3.30E-01	1.00E+00	0.13	6.25E-01	9.45E-01
PTPRF	0.01	9.74E-01	1.00E+00	-0.17	6.25E-01	9.45E-01
MTMR8	-0.62	1.69E-01	1.00E+00	-0.21	6.25E-01	9.45E-01
ST7L	-0.32	1.18E-01	1.00E+00	-0.14	6.25E-01	9.45E-01
ABAT	-0.85	1.29E-02	7.15E-01	-0.19	6.25E-01	9.45E-01
BOD1L1	-0.12	5.00E-01	1.00E+00	0.19	6.25E-01	9.45E-01
AC087257.2	-0.81	7.43E-01	1.00E+00	-0.47	6.25E-01	9.45E-01
AC005046.1	1.10	4.43E-01	1.00E+00	0.37	6.25E-01	9.45E-01
NUS1	0.05	8.25E-01	1.00E+00	0.17	6.25E-01	9.45E-01
AASS	-0.42	2.02E-01	1.00E+00	-0.21	6.25E-01	9.45E-01
GATD3A	-0.75	1.76E-01	1.00E+00	-0.43	6.26E-01	9.45E-01
GAPDHP14	-1.93	4.21E-01	1.00E+00	0.65	6.26E-01	9.45E-01
FRG2DP	-1.48	3.02E-01	1.00E+00	0.55	6.26E-01	9.45E-01
LINC01090	-0.23	9.24E-01	1.00E+00	0.38	6.26E-01	9.45E-01
ALMS1-IT1	0.85	1.72E-01	1.00E+00	0.44	6.26E-01	9.45E-01
TXN2	-0.11	5.78E-01	1.00E+00	-0.11	6.26E-01	9.45E-01
MPZL3	0.54	2.70E-01	1.00E+00	0.29	6.26E-01	9.45E-01
PPFIA3	-0.12	7.90E-01	1.00E+00	-0.22	6.26E-01	9.45E-01
MFS14A	-0.24	7.20E-01	1.00E+00	0.27	6.26E-01	9.45E-01

MIR4740	0.10	9.18E-01	1.00E+00	0.71	6.26E-01	9.45E-01
PGM5P4-AS1	-0.05	9.35E-01	1.00E+00	-0.25	6.26E-01	9.45E-01
ATP6V0D2	1.40	6.82E-01	1.00E+00	1.55	6.26E-01	9.45E-01
AC090013.1	0.25	9.42E-01	1.00E+00	-0.38	6.26E-01	9.45E-01
AL035078.1	NA	NA	NA	0.36	6.26E-01	9.45E-01
AL137058.1	-0.37	8.38E-01	1.00E+00	-0.51	6.26E-01	9.45E-01
ZNF211	-0.27	4.48E-01	1.00E+00	0.15	6.26E-01	9.45E-01
CCDC13	-1.16	7.37E-01	1.00E+00	0.55	6.26E-01	9.45E-01
AL591895.1	1.15	3.15E-02	1.00E+00	0.28	6.26E-01	9.45E-01
POC5	0.35	1.55E-01	1.00E+00	-0.12	6.26E-01	9.45E-01
SERTAD2	-0.20	3.74E-01	1.00E+00	0.14	6.26E-01	9.45E-01
AC012513.3	0.79	8.27E-02	1.00E+00	0.37	6.26E-01	9.45E-01
ERVK3-1	0.21	7.20E-01	1.00E+00	0.18	6.26E-01	9.45E-01
TMEM143	-0.06	8.05E-01	1.00E+00	-0.15	6.26E-01	9.45E-01
CEBPZ	0.08	7.11E-01	1.00E+00	-0.10	6.26E-01	9.45E-01
AC090498.1	-0.29	2.63E-01	1.00E+00	0.37	6.26E-01	9.45E-01
USP5	-0.10	6.99E-01	1.00E+00	0.13	6.27E-01	9.45E-01
PCDHGA5	0.53	3.74E-01	1.00E+00	-0.37	6.27E-01	9.45E-01
AC092119.3	-1.83	3.76E-01	1.00E+00	0.35	6.27E-01	9.45E-01
C9orf152	-0.08	9.03E-01	1.00E+00	-0.36	6.27E-01	9.45E-01
DLG5	-0.10	7.13E-01	1.00E+00	0.32	6.27E-01	9.45E-01
VSNL1	-0.67	4.05E-02	1.00E+00	0.26	6.27E-01	9.45E-01
G6708	0.60	4.84E-01	1.00E+00	0.26	6.27E-01	9.45E-01
FGF14	0.28	6.96E-01	1.00E+00	0.28	6.27E-01	9.45E-01
CLVS1	0.46	3.72E-01	1.00E+00	0.28	6.27E-01	9.45E-01
FLG-AS1	0.21	6.59E-01	1.00E+00	-0.28	6.27E-01	9.45E-01
PAX8-AS1	-0.08	9.07E-01	1.00E+00	0.24	6.27E-01	9.45E-01
PLA2G6	-0.09	7.62E-01	1.00E+00	0.19	6.27E-01	9.45E-01
CFAP20	0.05	7.82E-01	1.00E+00	-0.14	6.27E-01	9.45E-01
AC107294.3	-2.87	1.22E-01	1.00E+00	-0.53	6.27E-01	9.45E-01
FAM171A2	-0.69	1.21E-01	1.00E+00	-0.58	6.27E-01	9.45E-01
NAP1L3	0.18	7.19E-01	1.00E+00	0.21	6.27E-01	9.45E-01

YDJC	-0.26	4.09E-01	1.00E+00	0.13	6.27E-01	9.45E-01
FNIP2	0.39	5.15E-02	1.00E+00	0.15	6.27E-01	9.45E-01
CCDC61	-0.24	3.57E-01	1.00E+00	-0.35	6.27E-01	9.45E-01
RARS2	0.09	6.72E-01	1.00E+00	-0.14	6.28E-01	9.45E-01
XLOC_008405	-1.76	3.38E-01	1.00E+00	0.52	6.28E-01	9.45E-01
OSTC	0.23	1.89E-01	1.00E+00	-0.17	6.28E-01	9.45E-01
HYKK	-0.07	8.64E-01	1.00E+00	-0.21	6.28E-01	9.45E-01
COL9A3	-0.09	7.89E-01	1.00E+00	0.22	6.28E-01	9.45E-01
PATJ	0.15	5.66E-01	1.00E+00	-0.16	6.28E-01	9.45E-01
RGS11	0.21	7.78E-01	1.00E+00	0.57	6.28E-01	9.45E-01
DDX46	0.06	7.87E-01	1.00E+00	0.10	6.28E-01	9.45E-01
CDC20	0.30	3.76E-01	1.00E+00	0.23	6.28E-01	9.45E-01
AL353771.1	0.56	8.73E-01	1.00E+00	0.50	6.28E-01	9.45E-01
ZNF446	0.05	8.55E-01	1.00E+00	0.18	6.28E-01	9.45E-01
KRTCAP3	-0.21	4.81E-01	1.00E+00	-0.23	6.28E-01	9.45E-01
ZNF571	0.03	9.47E-01	1.00E+00	-0.21	6.28E-01	9.45E-01
AC026202.2	-0.96	7.78E-01	1.00E+00	-0.57	6.28E-01	9.45E-01
TCEAL6	0.71	6.28E-01	1.00E+00	0.42	6.28E-01	9.45E-01
YTHDC2	0.03	9.14E-01	1.00E+00	-0.14	6.28E-01	9.45E-01
AL031595.3	1.49	2.72E-01	1.00E+00	-0.39	6.28E-01	9.45E-01
AL590399.4	-0.22	7.98E-01	1.00E+00	0.47	6.28E-01	9.45E-01
WDR46	-0.28	1.67E-01	1.00E+00	0.09	6.28E-01	9.45E-01
LINC00592	-0.30	5.64E-01	1.00E+00	-0.35	6.28E-01	9.45E-01
LINC01546	-0.69	3.37E-01	1.00E+00	0.38	6.28E-01	9.45E-01
AC103736.1	2.28	5.03E-01	1.00E+00	-0.65	6.28E-01	9.45E-01
DNAL1	0.18	6.23E-01	1.00E+00	-0.16	6.28E-01	9.45E-01
MON1B	-0.12	4.99E-01	1.00E+00	0.16	6.28E-01	9.45E-01
CDH8	-0.16	8.85E-01	1.00E+00	0.55	6.28E-01	9.45E-01
MID1IP1-AS1	0.88	3.18E-01	1.00E+00	0.60	6.28E-01	9.45E-01
GAMT	-0.05	8.42E-01	1.00E+00	-0.19	6.29E-01	9.45E-01
ZNF250	0.23	4.19E-01	1.00E+00	-0.14	6.29E-01	9.45E-01
MSRB3	0.28	5.72E-01	1.00E+00	-0.19	6.29E-01	9.45E-01

AC134312.5	-2.51	2.16E-02	8.94E-01	0.46	6.29E-01	9.45E-01
ZNF763	0.56	5.00E-01	1.00E+00	0.24	6.29E-01	9.45E-01
AC023421.1	1.20	5.15E-01	1.00E+00	-0.71	6.29E-01	9.45E-01
ZDHHC6	0.52	1.63E-01	1.00E+00	0.12	6.29E-01	9.45E-01
RPS17	-0.56	8.73E-01	1.00E+00	0.54	6.29E-01	9.45E-01
CWC15	-0.02	8.63E-01	1.00E+00	-0.14	6.29E-01	9.45E-01
HBA1	1.65	8.18E-03	5.56E-01	-1.51	6.29E-01	9.45E-01
XLOC_009614	0.85	4.18E-01	1.00E+00	-0.37	6.29E-01	9.45E-01
XLOC_008473	-0.75	2.87E-01	1.00E+00	0.44	6.29E-01	9.45E-01
CLDN23	0.03	9.44E-01	1.00E+00	-0.25	6.29E-01	9.45E-01
SNAI2	-0.41	3.09E-02	1.00E+00	0.16	6.29E-01	9.45E-01
TCTN1	-0.14	5.65E-01	1.00E+00	-0.18	6.29E-01	9.45E-01
ZDHHC7	0.12	5.64E-01	1.00E+00	0.22	6.29E-01	9.45E-01
EMC3-AS1	-0.47	2.15E-01	1.00E+00	0.32	6.29E-01	9.45E-01
MAT2A	-0.04	9.18E-01	1.00E+00	-0.22	6.29E-01	9.45E-01
SGMS1	-0.03	9.32E-01	1.00E+00	-0.10	6.29E-01	9.45E-01
ATP9A	0.57	2.35E-01	1.00E+00	0.16	6.29E-01	9.45E-01
AC016355.1	0.47	3.41E-01	1.00E+00	0.25	6.29E-01	9.45E-01
GPRC5D	0.75	3.88E-01	1.00E+00	0.53	6.29E-01	9.45E-01
AC099689.1	-0.86	7.99E-01	1.00E+00	0.77	6.29E-01	9.45E-01
GTF2A1	0.15	5.64E-01	1.00E+00	0.15	6.29E-01	9.45E-01
ZNF850	-0.12	7.99E-01	1.00E+00	-0.32	6.29E-01	9.45E-01
NUDT13	-0.21	7.15E-01	1.00E+00	-0.30	6.29E-01	9.45E-01
MMP25-AS1	-0.43	3.30E-01	1.00E+00	-0.27	6.29E-01	9.45E-01
HSDL2	0.37	1.76E-01	1.00E+00	-0.13	6.29E-01	9.45E-01
XLOC_012057	-1.02	3.17E-01	1.00E+00	0.62	6.29E-01	9.45E-01
AC106782.2	0.07	8.97E-01	1.00E+00	0.20	6.30E-01	9.45E-01
FAM13B	0.18	5.44E-01	1.00E+00	0.16	6.30E-01	9.45E-01
PI4K2B	0.16	6.18E-01	1.00E+00	-0.17	6.30E-01	9.45E-01
ZFHX2	-0.05	9.25E-01	1.00E+00	0.37	6.30E-01	9.45E-01
TMEM204	0.46	2.48E-01	1.00E+00	0.21	6.30E-01	9.45E-01
XLOC_014050	0.08	9.43E-01	1.00E+00	-0.52	6.30E-01	9.45E-01

LINC00662	0.57	9.00E-02	1.00E+00	-0.14	6.30E-01	9.45E-01
AP000662.1	0.80	2.34E-01	1.00E+00	0.45	6.30E-01	9.45E-01
MAFG	0.29	1.63E-01	1.00E+00	0.19	6.30E-01	9.45E-01
PLEK2	-0.41	3.23E-01	1.00E+00	-0.25	6.30E-01	9.45E-01
MRPL54	-0.16	5.06E-01	1.00E+00	0.09	6.30E-01	9.46E-01
APLP1	-1.64	2.10E-02	8.94E-01	-0.44	6.30E-01	9.46E-01
FBXW8	-0.16	5.27E-01	1.00E+00	0.20	6.30E-01	9.46E-01
BAIAP2	-0.33	3.90E-01	1.00E+00	0.16	6.30E-01	9.46E-01
LRSAM1	-0.26	3.74E-01	1.00E+00	0.13	6.30E-01	9.46E-01
SIRT1	0.30	2.27E-01	1.00E+00	-0.17	6.30E-01	9.46E-01
RPL7AP64	0.18	7.94E-01	1.00E+00	0.33	6.30E-01	9.46E-01
G12735	0.72	3.33E-01	1.00E+00	0.53	6.30E-01	9.46E-01
PKDREJ	-0.32	2.67E-01	1.00E+00	-0.40	6.30E-01	9.46E-01
EIF5	0.35	2.19E-01	1.00E+00	-0.12	6.30E-01	9.46E-01
DCDC1	-0.28	8.65E-01	1.00E+00	-0.52	6.30E-01	9.46E-01
C19orf25	-0.14	5.21E-01	1.00E+00	0.11	6.31E-01	9.46E-01
TXNDC9	0.08	7.26E-01	1.00E+00	-0.21	6.31E-01	9.46E-01
B3GALT5-AS1	-0.51	4.52E-01	1.00E+00	-1.30	6.31E-01	9.46E-01
AC011451.1	0.81	2.96E-01	1.00E+00	0.30	6.31E-01	9.46E-01
MYOM1	0.60	3.66E-01	1.00E+00	-0.38	6.31E-01	9.46E-01
UBL7	-0.08	7.08E-01	1.00E+00	-0.10	6.31E-01	9.46E-01
AQR	-0.07	7.18E-01	1.00E+00	-0.13	6.31E-01	9.46E-01
RPL13AP6	-3.06	1.20E-01	1.00E+00	-0.32	6.31E-01	9.46E-01
XLOC_005482	0.88	6.32E-01	1.00E+00	0.35	6.31E-01	9.46E-01
RASIP1	-0.01	9.84E-01	1.00E+00	-0.25	6.31E-01	9.46E-01
THOP1	-0.31	2.34E-01	1.00E+00	0.20	6.31E-01	9.46E-01
SOX15	-0.38	3.36E-01	1.00E+00	0.23	6.31E-01	9.46E-01
AL354893.1	2.56	7.72E-02	1.00E+00	-0.55	6.31E-01	9.46E-01
XLOC_003153	-0.16	9.17E-01	1.00E+00	-0.50	6.31E-01	9.46E-01
MAPK8	-0.02	9.27E-01	1.00E+00	0.11	6.31E-01	9.46E-01
PAN2	-0.39	8.06E-02	1.00E+00	-0.18	6.31E-01	9.46E-01
SEC22B	0.21	4.44E-01	1.00E+00	-0.18	6.31E-01	9.46E-01

RAB8B	0.34	3.17E-01	1.00E+00	0.15	6.31E-01	9.46E-01
CWC27	-0.02	9.30E-01	1.00E+00	-0.06	6.31E-01	9.46E-01
LINC01816	0.43	6.64E-01	1.00E+00	-0.33	6.31E-01	9.46E-01
YARS	-0.35	1.95E-01	1.00E+00	0.11	6.31E-01	9.46E-01
RNF41	0.00	9.91E-01	1.00E+00	0.10	6.31E-01	9.46E-01
XLOC_014038	-0.76	7.12E-01	1.00E+00	0.53	6.31E-01	9.46E-01
WSB1	0.17	5.54E-01	1.00E+00	0.11	6.31E-01	9.46E-01
ANKRD55	-1.94	7.43E-02	1.00E+00	0.22	6.31E-01	9.46E-01
CENPH	-0.35	1.29E-01	1.00E+00	-0.14	6.31E-01	9.46E-01
GPX1P1	1.27	1.24E-01	1.00E+00	0.29	6.32E-01	9.46E-01
SMG7-AS1	0.19	8.14E-01	1.00E+00	0.68	6.32E-01	9.46E-01
KIF1A	-1.06	1.34E-01	1.00E+00	-0.40	6.32E-01	9.46E-01
DCST1-AS1	-0.21	6.38E-01	1.00E+00	-0.21	6.32E-01	9.46E-01
FAM83C-AS1	-0.08	9.06E-01	1.00E+00	0.41	6.32E-01	9.46E-01
KDELR3	-0.22	6.91E-01	1.00E+00	0.21	6.32E-01	9.46E-01
AC089984.2	1.61	1.01E-01	1.00E+00	0.41	6.32E-01	9.46E-01
LEAP2	-2.53	3.34E-01	1.00E+00	-0.45	6.32E-01	9.46E-01
KDELR1	-0.02	9.13E-01	1.00E+00	0.11	6.32E-01	9.46E-01
DPYS	0.83	6.12E-01	1.00E+00	0.66	6.32E-01	9.46E-01
SLC5A6	0.34	4.18E-01	1.00E+00	-0.20	6.32E-01	9.46E-01
ZFPM1	-0.64	1.49E-01	1.00E+00	0.49	6.32E-01	9.46E-01
PAGE5	0.36	9.17E-01	1.00E+00	-0.65	6.32E-01	9.46E-01
MOV10	-0.15	6.50E-01	1.00E+00	0.19	6.32E-01	9.46E-01
CHGB	-3.80	1.62E-03	2.24E-01	-0.65	6.32E-01	9.46E-01
SEC23B	-0.13	5.24E-01	1.00E+00	-0.09	6.32E-01	9.46E-01
LINC02015	1.07	7.55E-01	1.00E+00	0.70	6.32E-01	9.46E-01
ABCG2	0.69	1.10E-01	1.00E+00	0.31	6.32E-01	9.46E-01
IGLV3-9	2.01	3.24E-01	1.00E+00	1.53	6.32E-01	9.46E-01
EXOC3	-0.08	6.41E-01	1.00E+00	0.14	6.32E-01	9.46E-01
ACAP3	-0.33	3.21E-01	1.00E+00	-0.33	6.32E-01	9.46E-01
AL355490.1	-0.41	7.48E-01	1.00E+00	0.52	6.32E-01	9.46E-01
FTOP1	0.84	4.79E-01	1.00E+00	-0.36	6.33E-01	9.46E-01

HSF4	0.32	4.15E-01	1.00E+00	0.40	6.33E-01	9.46E-01
KIAA0232	0.23	3.71E-01	1.00E+00	0.19	6.33E-01	9.46E-01
MTX1P1	0.00	1.00E+00	1.00E+00	0.35	6.33E-01	9.46E-01
FOXCUT	0.28	5.16E-01	1.00E+00	-0.42	6.33E-01	9.46E-01
ZNF582	0.31	4.49E-01	1.00E+00	-0.19	6.33E-01	9.46E-01
WASHC2C	-0.19	2.71E-01	1.00E+00	0.17	6.33E-01	9.46E-01
GPR34	1.05	1.20E-01	1.00E+00	-0.31	6.33E-01	9.46E-01
GNAS	-0.10	6.88E-01	1.00E+00	-0.21	6.33E-01	9.46E-01
AC015813.1	1.42	1.60E-01	1.00E+00	-0.46	6.33E-01	9.46E-01
AC105760.2	-0.38	4.37E-01	1.00E+00	-0.30	6.33E-01	9.46E-01
LINC01170	0.69	3.62E-01	1.00E+00	0.40	6.33E-01	9.46E-01
AL162724.2	-2.24	1.48E-01	1.00E+00	-0.44	6.33E-01	9.46E-01
MTA3	0.06	7.65E-01	1.00E+00	-0.11	6.33E-01	9.46E-01
PCK1	1.62	6.13E-01	1.00E+00	-1.49	6.33E-01	9.46E-01
FAM136A	-0.02	9.38E-01	1.00E+00	-0.11	6.33E-01	9.46E-01
CHMP5	0.41	1.24E-01	1.00E+00	0.10	6.33E-01	9.46E-01
SCAF4	-0.27	3.01E-01	1.00E+00	-0.13	6.33E-01	9.46E-01
TBCE	0.09	5.92E-01	1.00E+00	-0.08	6.33E-01	9.46E-01
MFN2	-0.07	7.14E-01	1.00E+00	-0.16	6.33E-01	9.46E-01
PPIL1	-0.21	3.72E-01	1.00E+00	0.10	6.34E-01	9.46E-01
LINC00393	-0.13	8.53E-01	1.00E+00	-0.35	6.34E-01	9.46E-01
SDE2	0.08	7.49E-01	1.00E+00	0.09	6.34E-01	9.46E-01
AURKA	0.29	4.04E-01	1.00E+00	0.25	6.34E-01	9.46E-01
CLN5	-0.15	4.97E-01	1.00E+00	-0.12	6.34E-01	9.46E-01
APOC1	1.01	9.84E-02	1.00E+00	0.33	6.34E-01	9.46E-01
WT1	NA	NA	NA	1.53	6.34E-01	9.46E-01
COLEC12	0.05	8.86E-01	1.00E+00	0.31	6.34E-01	9.46E-01
CLCNKB	0.32	7.34E-01	1.00E+00	-0.49	6.34E-01	9.46E-01
XLOC_005560	-2.54	2.15E-02	8.94E-01	-0.74	6.34E-01	9.46E-01
C6orf226	-0.12	7.09E-01	1.00E+00	0.13	6.34E-01	9.46E-01
BRD4	-0.43	1.70E-01	1.00E+00	0.16	6.34E-01	9.46E-01
3-Mar	0.26	5.81E-01	1.00E+00	0.17	6.34E-01	9.46E-01

LINC00670	-1.96	5.26E-01	1.00E+00	-0.62	6.34E-01	9.46E-01
PROX1-AS1	-0.53	7.42E-01	1.00E+00	0.64	6.34E-01	9.46E-01
G39215	0.21	7.80E-01	1.00E+00	-0.33	6.34E-01	9.46E-01
AL353804.1	-0.59	4.19E-01	1.00E+00	0.33	6.34E-01	9.46E-01
LPP	0.07	8.59E-01	1.00E+00	-0.15	6.34E-01	9.46E-01
AL139247.1	0.28	7.88E-01	1.00E+00	-0.35	6.34E-01	9.46E-01
FAM162A	-0.28	1.92E-01	1.00E+00	-0.15	6.34E-01	9.46E-01
ESCO1	-0.05	8.62E-01	1.00E+00	-0.15	6.34E-01	9.46E-01
IGLV10-54	4.15	3.81E-02	1.00E+00	1.52	6.34E-01	9.46E-01
SPOCK1	0.29	6.80E-01	1.00E+00	0.25	6.34E-01	9.46E-01
C10orf111	-0.89	7.97E-01	1.00E+00	0.38	6.34E-01	9.46E-01
ZNF667	0.08	8.50E-01	1.00E+00	-0.19	6.34E-01	9.46E-01
RNU4-47P	0.01	9.89E-01	1.00E+00	0.35	6.35E-01	9.46E-01
OR2I1P	-1.55	5.89E-02	1.00E+00	1.49	6.35E-01	9.46E-01
PTPRR	-0.88	3.59E-01	1.00E+00	0.36	6.35E-01	9.46E-01
FOXO6	-0.69	6.75E-02	1.00E+00	-0.40	6.35E-01	9.46E-01
EPHX3	-0.11	8.32E-01	1.00E+00	0.26	6.35E-01	9.46E-01
ATIC	-0.13	6.39E-01	1.00E+00	-0.10	6.35E-01	9.46E-01
AC145098.2	-2.33	6.40E-02	1.00E+00	-0.57	6.35E-01	9.46E-01
G38688	-1.08	5.40E-01	1.00E+00	0.46	6.35E-01	9.46E-01
TBCA	0.21	1.75E-01	1.00E+00	-0.07	6.35E-01	9.46E-01
RPL5P4	1.10	4.85E-01	1.00E+00	-0.33	6.35E-01	9.46E-01
ACSBG2	-1.83	2.59E-01	1.00E+00	-0.59	6.35E-01	9.46E-01
AC087071.2	-0.29	9.01E-01	1.00E+00	-0.45	6.35E-01	9.46E-01
ACTG1P9	-1.37	6.93E-01	1.00E+00	0.59	6.35E-01	9.46E-01
MORN4	-0.04	8.92E-01	1.00E+00	0.15	6.35E-01	9.46E-01
NBL1	0.11	6.68E-01	1.00E+00	0.25	6.35E-01	9.46E-01
EPHB4	-0.24	2.42E-01	1.00E+00	0.23	6.35E-01	9.46E-01
ANXA2P1	-1.10	7.18E-01	1.00E+00	-0.28	6.35E-01	9.46E-01
GTPBP8	-0.14	5.94E-01	1.00E+00	-0.11	6.35E-01	9.46E-01
NUTF2	-0.02	8.85E-01	1.00E+00	0.06	6.35E-01	9.46E-01
AGR2	0.62	1.92E-01	1.00E+00	-0.31	6.35E-01	9.46E-01

MXD3	0.21	6.54E-01	1.00E+00	0.15	6.35E-01	9.46E-01
AL035258.1	-3.19	1.00E-02	6.22E-01	0.52	6.36E-01	9.46E-01
AATBC	-1.25	8.71E-03	5.76E-01	-0.33	6.36E-01	9.46E-01
GGCX	0.05	8.06E-01	1.00E+00	-0.10	6.36E-01	9.46E-01
RBM12B-AS1	1.08	4.02E-01	1.00E+00	0.57	6.36E-01	9.46E-01
LINC01232	-0.17	7.54E-01	1.00E+00	0.39	6.36E-01	9.46E-01
XLOC_003514	-1.11	3.60E-01	1.00E+00	1.50	6.36E-01	9.46E-01
KIF2A	-0.25	2.48E-01	1.00E+00	-0.08	6.36E-01	9.46E-01
AC093627.5	-0.44	3.31E-01	1.00E+00	-0.28	6.36E-01	9.46E-01
CDKN1A	-1.18	4.31E-02	1.00E+00	0.17	6.36E-01	9.46E-01
YEATS4	-0.09	7.23E-01	1.00E+00	-0.15	6.36E-01	9.46E-01
ISG20L2	-0.11	5.87E-01	1.00E+00	0.13	6.36E-01	9.46E-01
HDAC8	0.21	5.28E-01	1.00E+00	-0.15	6.36E-01	9.46E-01
BBS12	0.37	2.27E-01	1.00E+00	0.22	6.36E-01	9.46E-01
WARS2	0.15	6.16E-01	1.00E+00	0.11	6.36E-01	9.46E-01
E2F2	0.11	6.41E-01	1.00E+00	0.23	6.36E-01	9.46E-01
SIAH2-AS1	2.34	7.92E-02	1.00E+00	0.46	6.36E-01	9.46E-01
EGR4	-3.43	1.97E-02	8.79E-01	0.86	6.36E-01	9.46E-01
LYPLA2P1	-0.05	9.88E-01	1.00E+00	0.27	6.36E-01	9.46E-01
WDR63	-0.08	8.46E-01	1.00E+00	0.28	6.36E-01	9.46E-01
AC107027.1	1.50	6.62E-01	1.00E+00	0.95	6.36E-01	9.46E-01
CCDC92	0.03	9.53E-01	1.00E+00	-0.27	6.36E-01	9.46E-01
C2orf88	0.34	5.55E-01	1.00E+00	-0.15	6.36E-01	9.46E-01
KRTAP17-1	-5.57	8.91E-02	1.00E+00	-1.51	6.36E-01	9.46E-01
CLIC2	-0.24	4.28E-01	1.00E+00	0.15	6.36E-01	9.46E-01
TMEM236	-3.00	9.18E-02	1.00E+00	-0.64	6.36E-01	9.46E-01
SDCBP	0.37	2.35E-01	1.00E+00	-0.17	6.36E-01	9.46E-01
PLEKHF2	0.15	5.69E-01	1.00E+00	-0.17	6.36E-01	9.46E-01
PDK1	-0.20	5.69E-01	1.00E+00	-0.16	6.36E-01	9.46E-01
OR14L1P	-1.01	7.18E-01	1.00E+00	-1.10	6.36E-01	9.46E-01
CD300LB	0.84	3.60E-01	1.00E+00	0.45	6.36E-01	9.46E-01
L1CAM	-0.31	2.51E-01	1.00E+00	0.33	6.36E-01	9.46E-01

C2orf42	0.00	9.88E-01	1.00E+00	-0.13	6.37E-01	9.46E-01
RDH11	0.04	8.59E-01	1.00E+00	-0.13	6.37E-01	9.46E-01
ZNF559	0.20	5.24E-01	1.00E+00	-0.16	6.37E-01	9.46E-01
ESAM	-0.28	5.27E-01	1.00E+00	-0.24	6.37E-01	9.46E-01
EXD2	0.09	7.13E-01	1.00E+00	0.12	6.37E-01	9.46E-01
SLC25A53	0.12	7.47E-01	1.00E+00	0.14	6.37E-01	9.46E-01
PTMS	-0.26	2.59E-01	1.00E+00	-0.29	6.37E-01	9.46E-01
ZSWIM1	-0.36	2.11E-01	1.00E+00	-0.20	6.37E-01	9.46E-01
MRPL36	0.11	6.59E-01	1.00E+00	-0.17	6.37E-01	9.46E-01
DEPDC1	0.10	8.34E-01	1.00E+00	-0.27	6.37E-01	9.46E-01
G1920	2.68	1.92E-02	8.71E-01	-0.62	6.37E-01	9.46E-01
QRSL1P3	NA	NA	NA	-0.44	6.37E-01	9.46E-01
NPRL3	0.05	8.65E-01	1.00E+00	0.12	6.37E-01	9.46E-01
LINC02147	-1.80	2.82E-01	1.00E+00	0.57	6.37E-01	9.46E-01
MBOAT2	0.09	8.27E-01	1.00E+00	-0.20	6.37E-01	9.46E-01
IL7	0.11	8.14E-01	1.00E+00	0.18	6.37E-01	9.46E-01
PHGDH	-0.31	3.56E-01	1.00E+00	-0.14	6.37E-01	9.46E-01
SPINK6	-2.82	1.17E-01	1.00E+00	1.48	6.37E-01	9.46E-01
AC104695.3	-4.33	1.86E-02	8.56E-01	0.30	6.37E-01	9.46E-01
SPINT1	-0.19	5.12E-01	1.00E+00	-0.20	6.37E-01	9.46E-01
LINC01238	-0.77	4.98E-01	1.00E+00	-0.51	6.37E-01	9.46E-01
ZEB1	0.34	4.90E-01	1.00E+00	-0.20	6.37E-01	9.46E-01
ADAMTSL5	0.37	5.39E-01	1.00E+00	0.28	6.37E-01	9.46E-01
RBM4B	0.27	4.64E-01	1.00E+00	-0.13	6.37E-01	9.46E-01
AC121761.2	-0.57	5.83E-01	1.00E+00	-0.40	6.38E-01	9.47E-01
ELAC2	-0.11	5.71E-01	1.00E+00	-0.07	6.38E-01	9.47E-01
AC123595.1	-0.64	6.40E-01	1.00E+00	0.48	6.38E-01	9.47E-01
LPAR2	0.15	6.66E-01	1.00E+00	0.18	6.38E-01	9.47E-01
CCDC28A	0.25	3.95E-01	1.00E+00	-0.14	6.38E-01	9.47E-01
STON1	0.20	5.95E-01	1.00E+00	0.27	6.38E-01	9.47E-01
PPIL3	-0.14	6.78E-01	1.00E+00	-0.13	6.38E-01	9.47E-01
G9812	-1.70	2.76E-01	1.00E+00	0.64	6.38E-01	9.47E-01

XLOC_013825	2.22	4.96E-01	1.00E+00	0.76	6.38E-01	9.47E-01
BCL11A	-0.18	5.61E-01	1.00E+00	-0.28	6.38E-01	9.47E-01
POLRMT	-0.50	7.19E-02	1.00E+00	-0.29	6.38E-01	9.47E-01
AC007611.1	0.30	6.80E-01	1.00E+00	-0.38	6.38E-01	9.47E-01
RAB11FIP2	0.37	2.13E-01	1.00E+00	0.09	6.38E-01	9.47E-01
FABP9	-3.65	2.76E-01	1.00E+00	-1.49	6.38E-01	9.47E-01
AL161719.1	-1.05	4.32E-01	1.00E+00	0.53	6.38E-01	9.47E-01
ZNF684	-0.01	9.75E-01	1.00E+00	0.12	6.38E-01	9.47E-01
AC112907.2	-0.41	6.78E-01	1.00E+00	0.44	6.38E-01	9.47E-01
ZNF175	0.29	4.50E-01	1.00E+00	0.21	6.38E-01	9.47E-01
SMCHD1	0.24	3.76E-01	1.00E+00	0.22	6.38E-01	9.47E-01
GVQW2	-3.00	1.01E-01	1.00E+00	0.48	6.38E-01	9.47E-01
GLIDR	0.59	1.47E-01	1.00E+00	0.22	6.38E-01	9.47E-01
ZNF544	0.12	6.95E-01	1.00E+00	-0.12	6.39E-01	9.47E-01
GABRR1	-1.44	2.05E-01	1.00E+00	-1.19	6.39E-01	9.47E-01
INPP4A	-0.01	9.72E-01	1.00E+00	0.24	6.39E-01	9.47E-01
AC127537.1	2.35	1.90E-02	8.67E-01	0.63	6.39E-01	9.47E-01
AARS2	-0.12	5.34E-01	1.00E+00	0.25	6.39E-01	9.47E-01
LYPLA1P3	-0.93	7.86E-01	1.00E+00	-0.26	6.39E-01	9.47E-01
ORC3	0.11	5.34E-01	1.00E+00	-0.13	6.39E-01	9.47E-01
AC092745.2	0.65	3.75E-01	1.00E+00	-0.42	6.39E-01	9.47E-01
KRTAP4-7	-30.00	6.80E-18	5.56E-15	-1.50	6.39E-01	9.47E-01
C2orf16	0.47	4.57E-01	1.00E+00	0.39	6.39E-01	9.47E-01
PPARA	0.43	1.90E-01	1.00E+00	0.15	6.39E-01	9.47E-01
AMOT	0.23	5.53E-01	1.00E+00	-0.25	6.39E-01	9.47E-01
AC092117.2	0.39	7.72E-01	1.00E+00	-0.61	6.39E-01	9.47E-01
PNN	-0.31	1.50E-01	1.00E+00	0.11	6.39E-01	9.47E-01
IL12RB2	-0.87	7.39E-02	1.00E+00	0.32	6.39E-01	9.47E-01
HAX1	-0.01	9.51E-01	1.00E+00	-0.08	6.39E-01	9.47E-01
HENMT1	0.21	4.95E-01	1.00E+00	-0.16	6.39E-01	9.47E-01
FBXO8	0.42	6.44E-02	1.00E+00	-0.11	6.40E-01	9.47E-01
WIPF3	-0.23	5.71E-01	1.00E+00	0.20	6.40E-01	9.47E-01

AHSP	-1.45	6.70E-01	1.00E+00	-0.52	6.40E-01	9.47E-01
TRDN	1.94	1.18E-01	1.00E+00	-1.48	6.40E-01	9.47E-01
KRTAP16-1	-5.34	1.03E-01	1.00E+00	-1.50	6.40E-01	9.47E-01
AC079035.1	0.80	8.15E-01	1.00E+00	-0.48	6.40E-01	9.47E-01
TTC30B	0.35	1.57E-01	1.00E+00	-0.16	6.40E-01	9.47E-01
MPP3	-0.24	6.44E-01	1.00E+00	-0.30	6.40E-01	9.47E-01
THOC1	0.18	5.29E-01	1.00E+00	-0.12	6.40E-01	9.47E-01
ASCC3	-0.14	5.86E-01	1.00E+00	-0.15	6.40E-01	9.47E-01
HMGCL	0.31	2.13E-01	1.00E+00	-0.10	6.40E-01	9.47E-01
AL139300.2	-1.13	4.42E-01	1.00E+00	0.48	6.40E-01	9.47E-01
SLC39A1	0.02	9.92E-01	1.00E+00	0.26	6.40E-01	9.47E-01
SLCO3A1	0.17	3.39E-01	1.00E+00	-0.13	6.40E-01	9.47E-01
EXTL2	0.31	2.75E-01	1.00E+00	0.12	6.40E-01	9.47E-01
IGLV4-69	2.11	5.31E-01	1.00E+00	1.03	6.40E-01	9.47E-01
PSMA1	0.49	2.36E-01	1.00E+00	-0.23	6.40E-01	9.47E-01
HIGD1B	-0.28	6.76E-01	1.00E+00	0.23	6.40E-01	9.47E-01
AP005209.1	-3.07	5.90E-02	1.00E+00	-0.57	6.40E-01	9.47E-01
IL1RL1	0.61	3.27E-01	1.00E+00	0.42	6.40E-01	9.47E-01
USP42	-0.27	3.33E-01	1.00E+00	-0.21	6.40E-01	9.47E-01
COLCA2	0.28	7.60E-01	1.00E+00	0.31	6.40E-01	9.47E-01
UHRF2	0.47	2.54E-01	1.00E+00	0.29	6.40E-01	9.47E-01
NFATC2	-0.41	7.68E-02	1.00E+00	0.18	6.41E-01	9.47E-01
RPL15P2	-0.46	7.70E-01	1.00E+00	-0.25	6.41E-01	9.47E-01
LRRC56	-0.25	5.49E-01	1.00E+00	0.43	6.41E-01	9.47E-01
SPTA1	-0.88	6.34E-01	1.00E+00	-0.80	6.41E-01	9.47E-01
CUL4A	0.17	5.13E-01	1.00E+00	-0.08	6.41E-01	9.47E-01
FAM198A	0.75	1.69E-01	1.00E+00	0.32	6.41E-01	9.47E-01
AC099522.2	-0.12	8.45E-01	1.00E+00	-0.28	6.41E-01	9.47E-01
AL807742.1	1.03	6.23E-01	1.00E+00	-0.76	6.41E-01	9.47E-01
NOMO1	0.05	8.57E-01	1.00E+00	0.25	6.41E-01	9.47E-01
ZNF436-AS1	0.72	1.81E-01	1.00E+00	-0.22	6.41E-01	9.47E-01
CASP14	0.01	9.81E-01	1.00E+00	0.35	6.41E-01	9.47E-01

ITGB4	-0.37	1.26E-01	1.00E+00	0.27	6.41E-01	9.47E-01
ATP2C2	0.18	7.33E-01	1.00E+00	0.28	6.41E-01	9.47E-01
OAZ2	-0.08	6.44E-01	1.00E+00	-0.08	6.41E-01	9.47E-01
G5264	-0.77	1.84E-01	1.00E+00	0.30	6.41E-01	9.47E-01
XLOC_009577	-2.08	2.28E-01	1.00E+00	1.07	6.41E-01	9.47E-01
CAPRIN2	-0.07	7.67E-01	1.00E+00	-0.17	6.41E-01	9.47E-01
ATP2B4	-0.02	9.10E-01	1.00E+00	-0.10	6.41E-01	9.47E-01
AL132639.2	-0.01	9.91E-01	1.00E+00	-0.27	6.41E-01	9.47E-01
AC007785.1	0.44	6.37E-01	1.00E+00	-0.38	6.41E-01	9.47E-01
SELENOP	0.41	1.04E-01	1.00E+00	0.17	6.41E-01	9.47E-01
ANXA2	0.13	5.40E-01	1.00E+00	-0.11	6.41E-01	9.47E-01
MAP3K20	0.31	2.89E-01	1.00E+00	-0.13	6.41E-01	9.47E-01
JADE3	0.21	3.98E-01	1.00E+00	0.21	6.41E-01	9.47E-01
LRRC75B	-0.55	1.59E-01	1.00E+00	-0.24	6.41E-01	9.47E-01
AL353759.1	-0.27	8.40E-01	1.00E+00	-0.42	6.41E-01	9.47E-01
XLOC_005449	1.18	3.21E-01	1.00E+00	-0.48	6.42E-01	9.47E-01
AL136441.1	-0.85	4.84E-01	1.00E+00	-0.50	6.42E-01	9.47E-01
APOLD1	-0.45	5.32E-01	1.00E+00	-0.33	6.42E-01	9.47E-01
AC018804.1	0.15	9.11E-01	1.00E+00	-0.36	6.42E-01	9.47E-01
RPL3	-0.31	3.74E-01	1.00E+00	0.15	6.42E-01	9.47E-01
HAL	-1.40	9.08E-02	1.00E+00	0.33	6.42E-01	9.47E-01
BAZ1A	-0.06	8.35E-01	1.00E+00	0.17	6.42E-01	9.47E-01
PUS3	0.20	2.85E-01	1.00E+00	0.09	6.42E-01	9.47E-01
GRHL3	0.17	7.66E-01	1.00E+00	0.25	6.42E-01	9.47E-01
TANC1	0.16	6.35E-01	1.00E+00	0.14	6.42E-01	9.47E-01
REX1BD	-0.22	4.04E-01	1.00E+00	0.12	6.42E-01	9.47E-01
AC083900.1	-2.75	4.16E-01	1.00E+00	-0.44	6.42E-01	9.47E-01
AC091729.1	-0.38	4.37E-01	1.00E+00	-0.36	6.42E-01	9.47E-01
AL035425.3	0.08	9.36E-01	1.00E+00	1.25	6.42E-01	9.47E-01
SAFB	-0.05	8.06E-01	1.00E+00	0.13	6.42E-01	9.47E-01
NUP210	-0.38	1.74E-01	1.00E+00	0.37	6.42E-01	9.47E-01
SNORA73B	0.17	9.28E-01	1.00E+00	-0.55	6.42E-01	9.47E-01

FAM66D	-0.78	3.51E-01	1.00E+00	-0.44	6.42E-01	9.47E-01
SPATA18	0.04	8.83E-01	1.00E+00	0.18	6.42E-01	9.47E-01
UNC13B	0.15	4.03E-01	1.00E+00	0.17	6.42E-01	9.47E-01
SLC35B3	0.31	2.06E-01	1.00E+00	-0.12	6.42E-01	9.47E-01
XYLB	-0.31	3.78E-01	1.00E+00	-0.17	6.42E-01	9.47E-01
TRMT61B	-0.14	5.16E-01	1.00E+00	0.12	6.42E-01	9.47E-01
DUSP5	-0.35	5.03E-01	1.00E+00	0.27	6.43E-01	9.47E-01
PIGO	-0.02	8.73E-01	1.00E+00	-0.18	6.43E-01	9.47E-01
SH3PXD2A-AS1	-0.52	2.99E-01	1.00E+00	0.27	6.43E-01	9.47E-01
LRRC37A6P	-0.14	8.50E-01	1.00E+00	-0.51	6.43E-01	9.47E-01
GLRX3	-0.10	6.51E-01	1.00E+00	-0.12	6.43E-01	9.47E-01
RPL21P39	1.57	6.33E-01	1.00E+00	-0.36	6.43E-01	9.47E-01
AC080112.1	-0.50	9.57E-02	1.00E+00	0.31	6.43E-01	9.47E-01
CSRNP3	-0.15	6.33E-01	1.00E+00	-0.19	6.43E-01	9.47E-01
BFSP1	-1.11	2.48E-03	2.54E-01	0.32	6.43E-01	9.47E-01
NUP58	0.23	4.99E-01	1.00E+00	0.14	6.43E-01	9.47E-01
GLT8D1	-0.07	7.75E-01	1.00E+00	-0.10	6.43E-01	9.47E-01
MLLT3	-0.05	8.72E-01	1.00E+00	-0.08	6.43E-01	9.47E-01
KRT27	-8.64	1.39E-07	5.62E-05	-1.45	6.43E-01	9.47E-01
XLOC_005194	4.12	1.35E-01	1.00E+00	0.91	6.43E-01	9.47E-01
CPEB1	0.54	5.96E-01	1.00E+00	0.39	6.43E-01	9.47E-01
MAPK6-DT	-1.76	7.66E-02	1.00E+00	-0.46	6.43E-01	9.47E-01
RAVER1	-0.45	3.26E-02	1.00E+00	0.41	6.43E-01	9.47E-01
MED31	0.41	3.18E-01	1.00E+00	-0.21	6.43E-01	9.47E-01
RP11-292F9.1	-0.14	9.20E-01	1.00E+00	0.43	6.43E-01	9.47E-01
AC021054.1	-0.20	5.45E-01	1.00E+00	-0.12	6.43E-01	9.47E-01
PGLYRP3	-0.12	7.63E-01	1.00E+00	0.30	6.43E-01	9.47E-01
H1FX	-0.94	1.63E-05	4.93E-03	-0.35	6.43E-01	9.47E-01
TRIT1	0.26	3.77E-01	1.00E+00	0.11	6.43E-01	9.47E-01
FYTTD1	0.04	8.73E-01	1.00E+00	-0.10	6.43E-01	9.47E-01
AC131571.1	-1.96	3.34E-01	1.00E+00	-0.44	6.43E-01	9.47E-01
RPL9P7	-0.47	4.84E-01	1.00E+00	0.42	6.43E-01	9.47E-01

PSMD6-AS2	0.28	7.59E-01	1.00E+00	-0.30	6.43E-01	9.47E-01
AL121832.2	-1.22	2.03E-02	8.88E-01	0.25	6.44E-01	9.47E-01
SSTR3	-0.68	7.19E-01	1.00E+00	1.48	6.44E-01	9.47E-01
SNX32	-1.06	3.56E-02	1.00E+00	0.24	6.44E-01	9.47E-01
SCN5A	-0.50	2.84E-01	1.00E+00	-0.48	6.44E-01	9.47E-01
TSFM	-0.05	8.21E-01	1.00E+00	0.12	6.44E-01	9.47E-01
AL139082.1	-1.23	4.44E-01	1.00E+00	-0.70	6.44E-01	9.47E-01
SBNO1	0.26	3.29E-01	1.00E+00	-0.14	6.44E-01	9.47E-01
SBF2-AS1	-0.49	7.62E-02	1.00E+00	-0.20	6.44E-01	9.47E-01
DGKQ	0.13	6.36E-01	1.00E+00	0.26	6.44E-01	9.47E-01
DGCR2	0.03	9.16E-01	1.00E+00	-0.24	6.44E-01	9.47E-01
CIB1	-0.07	7.57E-01	1.00E+00	-0.11	6.44E-01	9.47E-01
LINC00028	-1.65	6.30E-01	1.00E+00	0.52	6.44E-01	9.47E-01
VAT1	0.05	7.94E-01	1.00E+00	0.14	6.44E-01	9.47E-01
MEF2C	0.05	9.19E-01	1.00E+00	0.22	6.44E-01	9.47E-01
MIS12	0.34	1.55E-01	1.00E+00	-0.12	6.44E-01	9.47E-01
APPBP2	0.11	5.46E-01	1.00E+00	-0.10	6.44E-01	9.47E-01
MBOAT7	-0.37	8.25E-02	1.00E+00	0.20	6.44E-01	9.47E-01
AL031666.2	1.02	6.72E-01	1.00E+00	0.73	6.44E-01	9.47E-01
LINC00960	-0.51	8.74E-01	1.00E+00	-0.39	6.44E-01	9.47E-01
RANBP17	0.64	5.87E-01	1.00E+00	0.36	6.44E-01	9.47E-01
CPA3	0.77	1.76E-01	1.00E+00	0.31	6.44E-01	9.47E-01
SPAG5-AS1	1.80	3.14E-01	1.00E+00	0.47	6.44E-01	9.47E-01
AP003498.2	0.02	9.63E-01	1.00E+00	-0.28	6.44E-01	9.47E-01
KTN1	-0.21	5.35E-01	1.00E+00	-0.13	6.44E-01	9.47E-01
AL359265.3	0.62	4.33E-01	1.00E+00	0.36	6.44E-01	9.47E-01
AC027329.1	1.33	3.03E-01	1.00E+00	-0.52	6.44E-01	9.47E-01
TCAP	-1.13	3.44E-01	1.00E+00	0.41	6.44E-01	9.47E-01
LINGO1	-0.32	5.74E-01	1.00E+00	0.38	6.44E-01	9.47E-01
EIF4A1P2	0.70	7.54E-01	1.00E+00	0.34	6.44E-01	9.47E-01
TRAPPC9	-0.18	5.27E-01	1.00E+00	0.20	6.44E-01	9.47E-01
ZNF407	-0.43	4.16E-02	1.00E+00	0.17	6.44E-01	9.47E-01

FER	-0.10	5.39E-01	1.00E+00	-0.10	6.44E-01	9.47E-01
SARS2	-1.00	5.22E-01	1.00E+00	-0.23	6.44E-01	9.47E-01
G16268	-0.14	8.23E-01	1.00E+00	-0.39	6.44E-01	9.47E-01
AC064799.2	-1.24	7.19E-01	1.00E+00	0.54	6.45E-01	9.47E-01
APBA3	-0.17	6.48E-01	1.00E+00	-0.18	6.45E-01	9.47E-01
CD55	0.39	2.02E-01	1.00E+00	-0.13	6.45E-01	9.47E-01
RPL41P1	-0.04	8.69E-01	1.00E+00	0.23	6.45E-01	9.47E-01
FBXO16	0.44	6.75E-01	1.00E+00	0.35	6.45E-01	9.47E-01
WDR48	0.24	2.00E-01	1.00E+00	-0.06	6.45E-01	9.47E-01
C1orf210	-0.13	7.81E-01	1.00E+00	-0.27	6.45E-01	9.47E-01
MED4	0.08	6.89E-01	1.00E+00	-0.18	6.45E-01	9.47E-01
HKDC1	-1.37	2.17E-01	1.00E+00	0.65	6.45E-01	9.47E-01
ARMCX6	0.18	4.29E-01	1.00E+00	-0.10	6.45E-01	9.47E-01
SENP1	0.06	7.76E-01	1.00E+00	-0.22	6.45E-01	9.47E-01
AC093512.2	0.50	5.19E-01	1.00E+00	-0.28	6.45E-01	9.47E-01
PRRG1	-0.10	7.77E-01	1.00E+00	0.18	6.45E-01	9.47E-01
DOCK7	0.21	3.85E-01	1.00E+00	-0.13	6.45E-01	9.47E-01
AC055839.1	-2.65	1.82E-01	1.00E+00	0.58	6.45E-01	9.47E-01
FITM1	0.79	2.39E-01	1.00E+00	-0.31	6.45E-01	9.47E-01
TSPYL2	-0.16	4.63E-01	1.00E+00	0.10	6.45E-01	9.47E-01
EBLN2	1.39	1.59E-01	1.00E+00	-0.50	6.45E-01	9.47E-01
G3030	-1.64	2.94E-01	1.00E+00	0.50	6.45E-01	9.47E-01
KLHDC8A	0.20	7.95E-01	1.00E+00	0.44	6.45E-01	9.47E-01
AC005070.3	1.47	7.43E-02	1.00E+00	-0.29	6.45E-01	9.47E-01
AC073046.1	-0.66	1.84E-01	1.00E+00	-0.47	6.45E-01	9.47E-01
OSTM1	0.25	4.54E-01	1.00E+00	-0.13	6.45E-01	9.47E-01
CLTC	0.09	6.25E-01	1.00E+00	0.10	6.45E-01	9.47E-01
SYF2	0.08	6.28E-01	1.00E+00	-0.13	6.45E-01	9.47E-01
AC068189.1	0.12	9.39E-01	1.00E+00	0.44	6.45E-01	9.47E-01
FAM171B	-0.45	1.70E-01	1.00E+00	0.20	6.45E-01	9.47E-01
AC090114.2	-0.75	4.01E-02	1.00E+00	0.27	6.45E-01	9.47E-01
CALCRL	0.28	5.43E-01	1.00E+00	-0.18	6.45E-01	9.47E-01

LINC01006	-0.33	6.01E-01	1.00E+00	-0.23	6.46E-01	9.47E-01
XLOC_001447	-0.87	5.65E-01	1.00E+00	0.35	6.46E-01	9.47E-01
LINC01160	-0.82	5.80E-01	1.00E+00	0.44	6.46E-01	9.47E-01
C16orf91	-0.10	6.49E-01	1.00E+00	-0.13	6.46E-01	9.47E-01
AC138207.2	-0.69	6.50E-01	1.00E+00	0.39	6.46E-01	9.47E-01
IMPDH1P5	-1.14	2.66E-01	1.00E+00	0.58	6.46E-01	9.47E-01
PYGL	0.38	3.54E-01	1.00E+00	-0.17	6.46E-01	9.47E-01
PAPSS1	0.17	3.70E-01	1.00E+00	0.06	6.46E-01	9.47E-01
AC055822.1	-2.39	1.04E-01	1.00E+00	-0.43	6.46E-01	9.47E-01
GCNT2	0.41	3.43E-01	1.00E+00	-0.21	6.46E-01	9.47E-01
AC121247.1	-0.79	4.70E-01	1.00E+00	0.48	6.46E-01	9.47E-01
PLAC9P1	0.17	8.98E-01	1.00E+00	0.76	6.46E-01	9.47E-01
CHRNA6	1.34	6.98E-01	1.00E+00	0.74	6.46E-01	9.47E-01
FSD2	-2.94	1.98E-01	1.00E+00	0.46	6.46E-01	9.47E-01
RPL13P12	-1.05	7.42E-01	1.00E+00	0.31	6.46E-01	9.47E-01
AC147067.1	-0.20	6.74E-01	1.00E+00	0.19	6.46E-01	9.47E-01
AL138976.2	0.11	8.35E-01	1.00E+00	0.30	6.46E-01	9.47E-01
AL591479.1	0.13	7.11E-01	1.00E+00	0.29	6.46E-01	9.47E-01
LEO1	-0.07	8.29E-01	1.00E+00	-0.15	6.46E-01	9.47E-01
XLOC_013420	0.38	3.91E-01	1.00E+00	-0.20	6.46E-01	9.47E-01
RWDD4P1	-1.07	6.52E-01	1.00E+00	-0.25	6.46E-01	9.47E-01
ZFP42	4.06	7.92E-03	5.47E-01	1.47	6.46E-01	9.47E-01
PIGZ	-0.15	6.55E-01	1.00E+00	-0.26	6.46E-01	9.47E-01
AL592114.1	0.00	9.99E-01	1.00E+00	-0.35	6.46E-01	9.47E-01
RPS19	-0.25	3.76E-01	1.00E+00	0.17	6.46E-01	9.47E-01
LSM11	0.51	1.04E-01	1.00E+00	0.28	6.46E-01	9.47E-01
HAPLN1	0.41	7.34E-01	1.00E+00	0.44	6.46E-01	9.47E-01
TBC1D10C	0.03	9.62E-01	1.00E+00	1.19	6.46E-01	9.47E-01
HAUS5	-0.46	7.16E-02	1.00E+00	0.09	6.47E-01	9.47E-01
G36779	0.32	6.49E-01	1.00E+00	0.24	6.47E-01	9.47E-01
AC073648.3	-0.51	8.17E-01	1.00E+00	-0.64	6.47E-01	9.47E-01
RPL17	0.04	9.48E-01	1.00E+00	0.29	6.47E-01	9.47E-01

STUB1	-0.01	9.75E-01	1.00E+00	-0.28	6.47E-01	9.47E-01
SPCS3	0.08	7.56E-01	1.00E+00	0.11	6.47E-01	9.47E-01
ADH5	0.30	3.43E-01	1.00E+00	-0.14	6.47E-01	9.47E-01
XLOC_000610	-0.08	8.46E-01	1.00E+00	-0.26	6.47E-01	9.47E-01
NFKB1	-0.05	7.86E-01	1.00E+00	-0.20	6.47E-01	9.47E-01
AGGF1	-0.07	7.63E-01	1.00E+00	-0.11	6.47E-01	9.47E-01
SUGT1P4-STRA6LP	-0.41	7.78E-01	1.00E+00	0.59	6.47E-01	9.47E-01
AC114489.1	-0.58	8.67E-01	1.00E+00	-0.60	6.47E-01	9.47E-01
DXO	0.10	7.48E-01	1.00E+00	-0.12	6.47E-01	9.47E-01
LAMTOR2	-0.03	8.81E-01	1.00E+00	-0.13	6.47E-01	9.47E-01
AL358472.4	-0.70	3.94E-01	1.00E+00	-0.18	6.47E-01	9.47E-01
UBASH3A	-1.06	4.52E-01	1.00E+00	1.45	6.47E-01	9.47E-01
DCLK2	-0.25	6.06E-01	1.00E+00	0.37	6.47E-01	9.47E-01
CH25H	-0.72	3.26E-01	1.00E+00	0.32	6.47E-01	9.47E-01
AVPR2	0.29	6.30E-01	1.00E+00	-0.31	6.47E-01	9.47E-01
HMGA1P5	-3.79	2.45E-01	1.00E+00	-0.68	6.47E-01	9.47E-01
MTMR1	0.07	8.22E-01	1.00E+00	-0.19	6.47E-01	9.47E-01
TSPAN15	0.77	1.72E-01	1.00E+00	-0.28	6.47E-01	9.47E-01
FAM120B	-0.12	5.04E-01	1.00E+00	-0.08	6.47E-01	9.47E-01
MID1	-0.06	8.33E-01	1.00E+00	0.13	6.47E-01	9.47E-01
NABP1	-0.07	8.66E-01	1.00E+00	-0.26	6.48E-01	9.47E-01
MRPS21	0.11	5.48E-01	1.00E+00	0.10	6.48E-01	9.47E-01
SLC30A4	0.03	9.37E-01	1.00E+00	-0.16	6.48E-01	9.47E-01
TTL	-0.10	5.70E-01	1.00E+00	-0.18	6.48E-01	9.47E-01
AC009533.1	-0.96	8.17E-02	1.00E+00	0.32	6.48E-01	9.47E-01
TGM3	0.10	8.55E-01	1.00E+00	-0.29	6.48E-01	9.47E-01
RPL21P11	0.01	9.94E-01	1.00E+00	-0.36	6.48E-01	9.47E-01
GNRH1	1.49	4.03E-01	1.00E+00	0.63	6.48E-01	9.47E-01
STX18-AS1	-0.15	7.97E-01	1.00E+00	0.24	6.48E-01	9.47E-01
AL355877.1	1.49	2.43E-01	1.00E+00	0.48	6.48E-01	9.47E-01
PCDH10	-1.78	3.10E-03	2.91E-01	-0.63	6.48E-01	9.47E-01
DUSP3	0.18	4.44E-01	1.00E+00	0.12	6.48E-01	9.47E-01

G34192	-0.78	2.25E-01	1.00E+00	-0.41	6.48E-01	9.47E-01
AZIN1	0.26	2.51E-01	1.00E+00	-0.13	6.48E-01	9.47E-01
THAP8	0.15	6.09E-01	1.00E+00	0.12	6.49E-01	9.47E-01
AC011487.1	0.11	9.73E-01	1.00E+00	0.54	6.49E-01	9.47E-01
IL36A	-1.68	6.27E-01	1.00E+00	1.46	6.49E-01	9.47E-01
MREG	-0.07	8.56E-01	1.00E+00	0.22	6.49E-01	9.47E-01
FANCI	-0.04	8.86E-01	1.00E+00	0.12	6.49E-01	9.47E-01
FCHO1	-0.41	4.47E-01	1.00E+00	0.18	6.49E-01	9.47E-01
RAB11FIP1	-0.14	7.78E-01	1.00E+00	-0.16	6.49E-01	9.47E-01
XLOC_003234	0.63	6.60E-01	1.00E+00	-0.48	6.49E-01	9.47E-01
N4BP2	-0.43	2.03E-01	1.00E+00	-0.17	6.49E-01	9.47E-01
SPDYE18	0.26	7.20E-01	1.00E+00	-0.29	6.49E-01	9.47E-01
XLOC_008975	-2.48	2.55E-01	1.00E+00	-0.53	6.49E-01	9.47E-01
CRNKL1	0.09	6.81E-01	1.00E+00	-0.07	6.49E-01	9.47E-01
RNU5B-1	-1.52	6.60E-01	1.00E+00	-0.56	6.49E-01	9.47E-01
PAXBP1	-0.02	9.48E-01	1.00E+00	-0.21	6.49E-01	9.47E-01
FOXJ1	0.07	9.02E-01	1.00E+00	0.34	6.49E-01	9.47E-01
RP11-187C18.4	0.41	6.23E-01	1.00E+00	0.31	6.49E-01	9.47E-01
NSD2	-0.19	3.38E-01	1.00E+00	0.21	6.49E-01	9.47E-01
AC018647.1	-0.74	3.19E-01	1.00E+00	-0.32	6.49E-01	9.47E-01
B4GALT4-AS1	-1.68	6.27E-01	1.00E+00	-0.73	6.49E-01	9.47E-01
AC127496.5	-1.16	5.83E-01	1.00E+00	-0.63	6.49E-01	9.47E-01
BAG2	0.22	6.76E-01	1.00E+00	-0.20	6.49E-01	9.47E-01
AC100849.1	-3.41	3.11E-01	1.00E+00	0.51	6.49E-01	9.47E-01
LINC02193	-0.26	8.19E-01	1.00E+00	0.33	6.49E-01	9.47E-01
FAM228B	-0.48	3.85E-01	1.00E+00	-0.17	6.49E-01	9.47E-01
AC010487.1	0.54	3.35E-01	1.00E+00	0.47	6.49E-01	9.47E-01
BABAM1	-0.01	9.76E-01	1.00E+00	-0.18	6.49E-01	9.47E-01
ZNF182	0.12	7.21E-01	1.00E+00	-0.28	6.49E-01	9.47E-01
FOXN1	-0.28	5.94E-01	1.00E+00	0.32	6.49E-01	9.47E-01
ZSCAN31	0.16	6.63E-01	1.00E+00	-0.18	6.49E-01	9.47E-01
CXCL5	-0.97	7.31E-01	1.00E+00	1.44	6.49E-01	9.47E-01

Z74021.1	0.15	9.22E-01	1.00E+00	0.38	6.49E-01	9.47E-01
KATNBL1	0.18	4.81E-01	1.00E+00	-0.15	6.50E-01	9.47E-01
ATP6V0B	-0.03	8.89E-01	1.00E+00	0.13	6.50E-01	9.47E-01
FAM129A	0.12	7.65E-01	1.00E+00	0.19	6.50E-01	9.47E-01
NCL	-0.27	1.50E-01	1.00E+00	0.12	6.50E-01	9.47E-01
LINC01563	-1.63	2.89E-01	1.00E+00	-0.47	6.50E-01	9.47E-01
C17orf58	0.16	6.30E-01	1.00E+00	-0.14	6.50E-01	9.47E-01
AXIN2	0.37	2.29E-01	1.00E+00	0.19	6.50E-01	9.47E-01
NKILA	-0.17	8.55E-01	1.00E+00	-0.37	6.50E-01	9.47E-01
HSP90AB1	-0.10	5.32E-01	1.00E+00	0.08	6.50E-01	9.47E-01
FLVCR1	0.04	9.17E-01	1.00E+00	-0.17	6.50E-01	9.47E-01
XLOC_006144	-0.75	3.30E-01	1.00E+00	-0.30	6.50E-01	9.47E-01
AC019257.1	0.34	8.08E-01	1.00E+00	-0.57	6.50E-01	9.47E-01
RPL13P5	-0.61	4.46E-01	1.00E+00	0.21	6.50E-01	9.48E-01
IL6	-6.66	3.39E-03	3.11E-01	1.42	6.50E-01	9.48E-01
ING3	-0.08	7.31E-01	1.00E+00	-0.15	6.50E-01	9.48E-01
AC104066.1	0.08	9.48E-01	1.00E+00	-0.39	6.51E-01	9.48E-01
MAP4	-0.15	5.03E-01	1.00E+00	0.16	6.51E-01	9.48E-01
SCG2	-0.22	8.67E-01	1.00E+00	0.60	6.51E-01	9.48E-01
AP003774.4	0.16	9.63E-01	1.00E+00	0.58	6.51E-01	9.48E-01
PDCD6IPP2	0.38	6.92E-01	1.00E+00	-0.31	6.51E-01	9.48E-01
SELENOTP1	1.52	6.43E-01	1.00E+00	-0.32	6.51E-01	9.48E-01
RNF34	0.20	3.88E-01	1.00E+00	-0.12	6.51E-01	9.48E-01
HMGB3P6	NA	NA	NA	0.58	6.51E-01	9.48E-01
SRGAP2	0.15	6.71E-01	1.00E+00	0.14	6.51E-01	9.48E-01
TRAV1-1	1.06	7.54E-01	1.00E+00	0.83	6.51E-01	9.48E-01
TRPC1	0.41	2.43E-01	1.00E+00	-0.26	6.51E-01	9.48E-01
FADS6	-0.06	9.17E-01	1.00E+00	-0.31	6.51E-01	9.48E-01
AC097468.3	-0.38	6.51E-01	1.00E+00	0.33	6.51E-01	9.48E-01
EPM2AIP1	-0.27	1.67E-01	1.00E+00	-0.08	6.51E-01	9.48E-01
EIF3I	-0.13	4.65E-01	1.00E+00	0.05	6.51E-01	9.48E-01
CHRM3-AS2	-1.10	7.53E-01	1.00E+00	0.57	6.51E-01	9.48E-01

HSD17B6	0.40	8.03E-01	1.00E+00	-0.34	6.51E-01	9.48E-01
AC127502.1	0.08	8.91E-01	1.00E+00	-0.26	6.51E-01	9.48E-01
SRD5A1	0.11	6.91E-01	1.00E+00	-0.15	6.51E-01	9.48E-01
AL596330.1	-0.85	5.97E-01	1.00E+00	0.63	6.51E-01	9.48E-01
UPK1A	2.10	3.53E-02	1.00E+00	0.44	6.51E-01	9.48E-01
AC055811.4	0.03	9.85E-01	1.00E+00	0.63	6.51E-01	9.48E-01
KIR3DX1	-0.16	9.62E-01	1.00E+00	0.70	6.51E-01	9.48E-01
AC007495.1	-1.08	1.64E-01	1.00E+00	-0.53	6.51E-01	9.48E-01
SNRPD2	-0.17	4.17E-01	1.00E+00	0.12	6.51E-01	9.48E-01
CFAP99	-3.71	4.92E-02	1.00E+00	0.66	6.51E-01	9.48E-01
BPIFC	0.12	8.12E-01	1.00E+00	0.36	6.51E-01	9.48E-01
G9978	-0.28	6.76E-01	1.00E+00	0.33	6.51E-01	9.48E-01
AC244517.3	-0.67	8.48E-01	1.00E+00	0.84	6.51E-01	9.48E-01
TARBP1	0.25	3.92E-01	1.00E+00	0.23	6.52E-01	9.48E-01
XLOC_013703	1.17	3.59E-01	1.00E+00	-0.41	6.52E-01	9.48E-01
TLE6	-0.74	4.40E-01	1.00E+00	0.37	6.52E-01	9.48E-01
PDZK1IP1	0.15	7.44E-01	1.00E+00	0.25	6.52E-01	9.48E-01
FLNA	-0.46	2.37E-01	1.00E+00	0.29	6.52E-01	9.48E-01
PHLDB2	0.25	6.15E-01	1.00E+00	0.18	6.52E-01	9.48E-01
AL445187.1	1.45	4.52E-01	1.00E+00	-0.60	6.52E-01	9.48E-01
SLC13A3	-0.14	6.60E-01	1.00E+00	-0.27	6.52E-01	9.48E-01
AC079336.5	0.04	9.80E-01	1.00E+00	-0.58	6.52E-01	9.48E-01
XLOC_010023	-1.48	3.00E-01	1.00E+00	-0.35	6.52E-01	9.48E-01
PFDN5	-0.05	8.42E-01	1.00E+00	0.14	6.52E-01	9.48E-01
CCNJ	-0.32	5.26E-01	1.00E+00	0.18	6.52E-01	9.48E-01
PCDHB11	0.67	2.56E-01	1.00E+00	0.20	6.52E-01	9.48E-01
ANKRD13A	-0.14	6.05E-01	1.00E+00	-0.16	6.52E-01	9.48E-01
NINJ1	-0.61	3.89E-02	1.00E+00	-0.11	6.52E-01	9.48E-01
KLC3	-0.51	2.28E-01	1.00E+00	-0.30	6.52E-01	9.48E-01
MFSD13B	0.03	9.82E-01	1.00E+00	-0.32	6.52E-01	9.48E-01
UBXN10-AS1	0.63	5.10E-01	1.00E+00	0.50	6.52E-01	9.48E-01
AC084783.1	0.97	7.33E-01	1.00E+00	-0.53	6.52E-01	9.48E-01

CHMP3	0.15	3.33E-01	1.00E+00	-0.09	6.52E-01	9.48E-01
XLOC_013434	0.24	8.48E-01	1.00E+00	0.62	6.52E-01	9.48E-01
SFTPD	-0.04	9.24E-01	1.00E+00	0.23	6.53E-01	9.48E-01
ZNF595	0.41	3.98E-01	1.00E+00	0.21	6.53E-01	9.48E-01
AC114956.3	2.40	2.69E-03	2.68E-01	-0.26	6.53E-01	9.48E-01
CXCL9	-4.11	9.12E-07	3.41E-04	1.41	6.53E-01	9.48E-01
AP006621.5	-1.71	8.31E-02	1.00E+00	-0.53	6.53E-01	9.48E-01
PTS	0.20	5.03E-01	1.00E+00	-0.16	6.53E-01	9.48E-01
HSPB1P2	-1.33	6.98E-01	1.00E+00	-0.36	6.53E-01	9.48E-01
ZNF398	-0.18	3.84E-01	1.00E+00	-0.16	6.53E-01	9.48E-01
CDADC1	0.23	4.01E-01	1.00E+00	-0.13	6.53E-01	9.48E-01
AC114728.1	0.80	8.17E-01	1.00E+00	-0.36	6.53E-01	9.48E-01
MLIP-IT1	0.32	8.41E-01	1.00E+00	-0.26	6.53E-01	9.48E-01
ZNF486	0.35	3.49E-01	1.00E+00	0.16	6.53E-01	9.48E-01
NRCAM	0.09	8.69E-01	1.00E+00	0.27	6.53E-01	9.48E-01
GPC1	-0.35	3.04E-01	1.00E+00	-0.25	6.53E-01	9.48E-01
DTX2	-0.17	6.75E-01	1.00E+00	0.17	6.53E-01	9.48E-01
CCNE2	-0.27	6.64E-01	1.00E+00	-0.24	6.53E-01	9.48E-01
MED12L	-0.54	6.07E-01	1.00E+00	-0.28	6.53E-01	9.48E-01
ANKRD30B	-0.98	7.31E-01	1.00E+00	-1.06	6.53E-01	9.48E-01
PEX13	-0.25	3.33E-01	1.00E+00	-0.13	6.53E-01	9.48E-01
UBAP1	0.02	8.98E-01	1.00E+00	0.07	6.53E-01	9.48E-01
DTX1	0.87	1.54E-01	1.00E+00	0.35	6.53E-01	9.48E-01
MYRF	-1.50	4.62E-04	9.31E-02	-0.44	6.53E-01	9.48E-01
CYP51A1P3	0.69	6.14E-01	1.00E+00	-0.46	6.53E-01	9.48E-01
FAM160A1	-0.20	5.49E-01	1.00E+00	0.27	6.53E-01	9.48E-01
TET2-AS1	NA	NA	NA	0.47	6.53E-01	9.48E-01
SYT3	-2.55	3.01E-02	9.97E-01	0.60	6.53E-01	9.48E-01
LINC00641	-0.97	1.61E-01	1.00E+00	-0.34	6.54E-01	9.48E-01
G42780	0.41	8.81E-01	1.00E+00	0.42	6.54E-01	9.48E-01
SORBS2	-0.02	9.71E-01	1.00E+00	-0.19	6.54E-01	9.48E-01
ACOT1	0.78	3.02E-01	1.00E+00	-0.32	6.54E-01	9.48E-01

MTCP1	0.06	9.62E-01	1.00E+00	-0.36	6.54E-01	9.48E-01
LMO1	-0.99	8.65E-03	5.74E-01	-0.28	6.54E-01	9.48E-01
LCE1C	0.45	5.02E-01	1.00E+00	1.40	6.54E-01	9.48E-01
RAMP1	-0.56	1.37E-01	1.00E+00	0.14	6.54E-01	9.48E-01
RPS26	0.50	2.79E-02	9.73E-01	0.11	6.54E-01	9.48E-01
AC018695.1	NA	NA	NA	0.49	6.54E-01	9.48E-01
MAZ	-0.47	1.38E-01	1.00E+00	0.20	6.54E-01	9.48E-01
AC012065.3	-0.27	9.34E-01	1.00E+00	-0.72	6.54E-01	9.48E-01
MROH1	-0.26	4.25E-01	1.00E+00	0.28	6.54E-01	9.48E-01
G39254	-0.69	4.39E-01	1.00E+00	0.63	6.54E-01	9.48E-01
PPP1CC	0.13	4.74E-01	1.00E+00	-0.14	6.54E-01	9.48E-01
SLF1	0.43	2.43E-01	1.00E+00	-0.14	6.54E-01	9.48E-01
KRTAP13-1	-1.16	6.65E-01	1.00E+00	1.42	6.54E-01	9.48E-01
STK31	0.78	6.01E-01	1.00E+00	0.56	6.54E-01	9.48E-01
MYBPC2	-1.63	6.24E-02	1.00E+00	0.67	6.54E-01	9.48E-01
KCNB2	1.01	5.80E-01	1.00E+00	0.56	6.54E-01	9.48E-01
IGSF21	-1.07	7.04E-02	1.00E+00	0.48	6.54E-01	9.48E-01
AC017083.1	2.60	3.47E-01	1.00E+00	0.49	6.54E-01	9.48E-01
NAP1L2	-0.13	6.52E-01	1.00E+00	0.24	6.54E-01	9.48E-01
LIG1	-0.51	1.20E-01	1.00E+00	0.15	6.54E-01	9.48E-01
CCDC188	-0.41	6.93E-01	1.00E+00	0.66	6.54E-01	9.48E-01
C2orf40	0.46	3.94E-01	1.00E+00	-0.22	6.54E-01	9.48E-01
AL356489.2	0.72	3.27E-01	1.00E+00	0.49	6.54E-01	9.48E-01
LRRC2	0.64	2.32E-01	1.00E+00	0.25	6.54E-01	9.48E-01
GCDH	0.01	9.83E-01	1.00E+00	0.07	6.55E-01	9.48E-01
TMPPE	-0.19	6.06E-01	1.00E+00	0.27	6.55E-01	9.48E-01
AC106791.1	3.45	1.53E-01	1.00E+00	-0.41	6.55E-01	9.48E-01
AL022157.1	1.32	3.43E-01	1.00E+00	0.54	6.55E-01	9.48E-01
AL157938.2	-1.87	5.55E-01	1.00E+00	-0.50	6.55E-01	9.48E-01
AC024060.1	0.81	5.05E-01	1.00E+00	-0.28	6.55E-01	9.48E-01
UBC	-0.31	1.83E-01	1.00E+00	0.11	6.55E-01	9.48E-01
RPS23P8	0.06	9.23E-01	1.00E+00	-0.30	6.55E-01	9.48E-01

SSBP3	-0.38	1.33E-01	1.00E+00	0.14	6.55E-01	9.48E-01
MYO10	-0.13	5.65E-01	1.00E+00	0.18	6.55E-01	9.48E-01
SRRT	-0.50	1.24E-02	6.93E-01	0.16	6.55E-01	9.48E-01
SEC31A	-0.10	6.00E-01	1.00E+00	0.09	6.55E-01	9.48E-01
ZFP41	0.25	5.29E-01	1.00E+00	0.29	6.55E-01	9.48E-01
ACSS3	0.89	7.71E-02	1.00E+00	-0.24	6.55E-01	9.48E-01
PDZD11	0.06	7.10E-01	1.00E+00	-0.12	6.55E-01	9.48E-01
XLOC_008504	-1.58	4.67E-01	1.00E+00	0.54	6.55E-01	9.48E-01
OPRK1	2.84	1.07E-01	1.00E+00	-0.65	6.56E-01	9.48E-01
GNG12-AS1	-0.43	3.01E-01	1.00E+00	-0.24	6.56E-01	9.48E-01
ENSAP2	-1.22	3.91E-01	1.00E+00	-0.29	6.56E-01	9.48E-01
BTBD7	0.36	8.27E-02	1.00E+00	0.09	6.56E-01	9.48E-01
XLOC_010367	1.38	6.90E-01	1.00E+00	-0.57	6.56E-01	9.48E-01
GALR2	0.14	8.84E-01	1.00E+00	0.51	6.56E-01	9.48E-01
PCCA-AS1	-0.70	8.41E-01	1.00E+00	0.64	6.56E-01	9.48E-01
THSD7B	0.20	8.03E-01	1.00E+00	-0.53	6.56E-01	9.48E-01
ARPC3P1	0.26	9.40E-01	1.00E+00	-0.31	6.56E-01	9.48E-01
REM2	-0.22	8.09E-01	1.00E+00	-0.26	6.56E-01	9.48E-01
POLE2	0.02	9.62E-01	1.00E+00	0.20	6.56E-01	9.48E-01
TMEM178B	-0.77	2.47E-01	1.00E+00	-0.38	6.56E-01	9.48E-01
OXCT2	-1.92	4.22E-01	1.00E+00	-0.41	6.56E-01	9.48E-01
AC068473.3	-1.96	6.52E-02	1.00E+00	-0.45	6.56E-01	9.48E-01
CBX2	-0.43	1.24E-01	1.00E+00	0.20	6.56E-01	9.48E-01
TRHDE	1.37	6.52E-02	1.00E+00	-0.41	6.56E-01	9.49E-01
AC006213.2	-3.01	6.26E-02	1.00E+00	0.24	6.56E-01	9.49E-01
AIFM1	0.12	6.93E-01	1.00E+00	-0.15	6.56E-01	9.49E-01
RPS27AP16	-0.57	1.21E-01	1.00E+00	-0.25	6.56E-01	9.49E-01
PDLIM4	-0.39	2.16E-01	1.00E+00	-0.12	6.56E-01	9.49E-01
CCL1	-0.66	7.72E-01	1.00E+00	-0.64	6.56E-01	9.49E-01
BAMBI	0.04	9.61E-01	1.00E+00	-0.33	6.56E-01	9.49E-01
XLOC_012210	-0.57	8.42E-01	1.00E+00	0.64	6.56E-01	9.49E-01
C16orf95	-0.50	7.19E-01	1.00E+00	-0.27	6.57E-01	9.49E-01

BUB3	-0.11	6.01E-01	1.00E+00	-0.14	6.57E-01	9.49E-01
FLJ16779	-0.96	3.12E-01	1.00E+00	-0.48	6.57E-01	9.49E-01
DLG2	0.04	9.29E-01	1.00E+00	-0.24	6.57E-01	9.49E-01
TRIM63	0.31	4.94E-01	1.00E+00	0.30	6.57E-01	9.49E-01
STARD8	-0.01	9.89E-01	1.00E+00	0.36	6.57E-01	9.49E-01
SLC16A12	1.07	6.15E-02	1.00E+00	-0.42	6.57E-01	9.49E-01
LHX6	-0.51	2.32E-01	1.00E+00	0.27	6.57E-01	9.49E-01
CCDC186	-0.09	7.83E-01	1.00E+00	-0.12	6.57E-01	9.49E-01
FAF2	-0.01	9.52E-01	1.00E+00	-0.06	6.57E-01	9.49E-01
GID4	0.24	3.66E-01	1.00E+00	-0.18	6.57E-01	9.49E-01
Z82195.2	-3.01	3.64E-01	1.00E+00	-0.80	6.57E-01	9.49E-01
AP003392.1	-1.10	3.93E-01	1.00E+00	0.40	6.57E-01	9.49E-01
SMPDL3B	-1.08	3.44E-02	1.00E+00	0.21	6.57E-01	9.49E-01
VEGFB	0.39	2.89E-01	1.00E+00	-0.23	6.57E-01	9.49E-01
RGS2	0.22	4.95E-01	1.00E+00	0.13	6.57E-01	9.49E-01
CHRNA1	0.45	8.24E-01	1.00E+00	-0.58	6.57E-01	9.49E-01
G35510	-0.09	8.35E-01	1.00E+00	0.30	6.57E-01	9.49E-01
TCF3	-0.28	2.89E-01	1.00E+00	0.24	6.57E-01	9.49E-01
NDUFS3	-0.06	6.61E-01	1.00E+00	-0.09	6.57E-01	9.49E-01
LINC01018	-0.19	8.13E-01	1.00E+00	-0.40	6.57E-01	9.49E-01
FASTK	-0.10	6.08E-01	1.00E+00	-0.10	6.58E-01	9.49E-01
AC079630.1	0.54	3.07E-01	1.00E+00	0.33	6.58E-01	9.49E-01
CEP44	0.06	8.42E-01	1.00E+00	-0.14	6.58E-01	9.49E-01
LINC00887	0.68	7.02E-01	1.00E+00	-0.40	6.58E-01	9.49E-01
AC023906.1	1.37	6.91E-01	1.00E+00	-0.31	6.58E-01	9.49E-01
PCDHGA1	0.27	6.11E-01	1.00E+00	0.45	6.58E-01	9.49E-01
MSTO2P	0.04	9.61E-01	1.00E+00	0.34	6.58E-01	9.49E-01
GJA1P1	-0.64	6.25E-01	1.00E+00	-0.30	6.58E-01	9.49E-01
XLOC_001401	0.68	2.66E-01	1.00E+00	-0.45	6.58E-01	9.49E-01
TMEM179B	0.01	9.68E-01	1.00E+00	-0.21	6.58E-01	9.49E-01
AL713852.1	-1.89	3.25E-01	1.00E+00	-0.48	6.58E-01	9.49E-01
snoU13	0.22	6.14E-01	1.00E+00	0.12	6.58E-01	9.49E-01

URB1-AS1	-0.24	4.43E-01	1.00E+00	-0.14	6.58E-01	9.49E-01
NPM1P24	1.22	6.21E-01	1.00E+00	-0.32	6.58E-01	9.49E-01
AC119044.1	0.36	8.30E-01	1.00E+00	0.46	6.58E-01	9.49E-01
AC116407.4	-1.45	4.10E-01	1.00E+00	0.50	6.58E-01	9.49E-01
AC072039.1	-1.47	6.70E-01	1.00E+00	-1.19	6.58E-01	9.49E-01
ADCK1	-0.03	8.72E-01	1.00E+00	-0.11	6.58E-01	9.49E-01
C2orf27A	-0.07	9.08E-01	1.00E+00	0.19	6.58E-01	9.49E-01
PARP1	-0.14	4.02E-01	1.00E+00	0.11	6.58E-01	9.49E-01
AC145285.2	0.17	8.29E-01	1.00E+00	0.32	6.58E-01	9.49E-01
CASC3	-0.22	2.85E-01	1.00E+00	-0.11	6.59E-01	9.49E-01
SNHG28	-0.42	5.04E-01	1.00E+00	-0.14	6.59E-01	9.49E-01
AC005480.1	1.31	7.03E-01	1.00E+00	0.74	6.59E-01	9.49E-01
HOXA11	0.97	1.15E-01	1.00E+00	0.42	6.59E-01	9.49E-01
4-Sep	-0.43	3.68E-01	1.00E+00	-0.16	6.59E-01	9.49E-01
SULT1C4	0.77	2.95E-01	1.00E+00	0.32	6.59E-01	9.49E-01
BUB1	-0.05	8.70E-01	1.00E+00	0.24	6.59E-01	9.49E-01
FAM83F	0.15	6.43E-01	1.00E+00	-0.22	6.59E-01	9.49E-01
FEM1C	0.01	9.62E-01	1.00E+00	0.12	6.59E-01	9.49E-01
MCM3AP	0.07	7.67E-01	1.00E+00	0.19	6.59E-01	9.49E-01
NSUN2	-0.25	3.22E-01	1.00E+00	-0.10	6.59E-01	9.49E-01
ZNF621	0.29	4.42E-01	1.00E+00	0.20	6.59E-01	9.49E-01
EIF2S3B	-2.70	2.38E-02	9.16E-01	-0.23	6.59E-01	9.49E-01
KIFC2	-0.46	2.13E-01	1.00E+00	0.41	6.59E-01	9.49E-01
PEG3	-0.20	7.20E-01	1.00E+00	0.21	6.59E-01	9.49E-01
MCPH1	-0.15	4.36E-01	1.00E+00	0.09	6.59E-01	9.49E-01
XLOC_009868	-0.03	9.66E-01	1.00E+00	0.49	6.59E-01	9.49E-01
NPEPPS	0.20	3.61E-01	1.00E+00	0.07	6.59E-01	9.49E-01
BX255925.3	0.01	9.64E-01	1.00E+00	0.16	6.59E-01	9.49E-01
FOXI2	0.30	4.99E-01	1.00E+00	-0.42	6.59E-01	9.49E-01
AC007598.3	1.64	5.50E-01	1.00E+00	-0.68	6.59E-01	9.49E-01
TIPARP	-0.33	5.59E-01	1.00E+00	0.11	6.59E-01	9.49E-01
MFN1	0.02	9.33E-01	1.00E+00	0.08	6.59E-01	9.49E-01

MAP2	-0.26	4.58E-01	1.00E+00	0.16	6.59E-01	9.49E-01
ZBED9	0.41	6.23E-01	1.00E+00	0.45	6.59E-01	9.49E-01
CTH	0.52	2.34E-01	1.00E+00	-0.25	6.59E-01	9.49E-01
ZNF830	0.00	9.86E-01	1.00E+00	0.09	6.59E-01	9.49E-01
PBLD	0.39	4.23E-01	1.00E+00	0.19	6.59E-01	9.49E-01
BLOC1S6	0.21	4.30E-01	1.00E+00	0.11	6.59E-01	9.49E-01
NVL	0.14	5.25E-01	1.00E+00	-0.09	6.59E-01	9.49E-01
F7	-0.65	1.75E-01	1.00E+00	0.47	6.60E-01	9.49E-01
UBR2	0.28	1.86E-01	1.00E+00	-0.11	6.60E-01	9.49E-01
AC103740.1	-1.86	9.84E-02	1.00E+00	0.42	6.60E-01	9.49E-01
KRTAP12-1	-30.00	2.73E-18	5.54E-15	-1.41	6.60E-01	9.49E-01
HMMR	0.30	4.25E-01	1.00E+00	-0.23	6.60E-01	9.49E-01
SDHAF1	-0.14	5.48E-01	1.00E+00	0.07	6.60E-01	9.49E-01
ABCB9	-0.18	6.65E-01	1.00E+00	-0.25	6.60E-01	9.49E-01
TMEM241	0.10	7.64E-01	1.00E+00	0.18	6.60E-01	9.49E-01
TNFAIP8L1	-0.05	8.24E-01	1.00E+00	0.22	6.60E-01	9.49E-01
AC027097.1	-0.28	7.39E-01	1.00E+00	-0.18	6.60E-01	9.49E-01
SNCAIP	-0.17	6.71E-01	1.00E+00	-0.20	6.60E-01	9.49E-01
AC005332.3	0.04	9.64E-01	1.00E+00	-0.24	6.60E-01	9.49E-01
PCSK6	-0.26	6.34E-01	1.00E+00	0.27	6.60E-01	9.49E-01
TMEM41B	0.35	3.00E-01	1.00E+00	-0.16	6.60E-01	9.49E-01
SDR16C5	0.41	4.07E-01	1.00E+00	-0.26	6.60E-01	9.49E-01
AC118549.1	0.14	5.42E-01	1.00E+00	0.09	6.60E-01	9.49E-01
DGKH	-0.19	5.14E-01	1.00E+00	0.21	6.60E-01	9.49E-01
NHSL1	-0.30	4.69E-01	1.00E+00	0.15	6.61E-01	9.49E-01
TBCAP1	-1.50	5.52E-01	1.00E+00	-0.26	6.61E-01	9.49E-01
ARL13A	1.57	1.80E-01	1.00E+00	-0.48	6.61E-01	9.49E-01
AP1G1	0.27	2.12E-01	1.00E+00	0.12	6.61E-01	9.49E-01
G22214	0.83	5.42E-01	1.00E+00	-0.30	6.61E-01	9.49E-01
IMPDH1	0.18	3.92E-01	1.00E+00	0.13	6.61E-01	9.49E-01
ARHGEF18	-0.35	5.54E-01	1.00E+00	0.22	6.61E-01	9.49E-01
WWC2-AS2	-0.47	2.47E-01	1.00E+00	0.36	6.61E-01	9.49E-01

KLHL22	-0.36	2.50E-01	1.00E+00	0.15	6.61E-01	9.49E-01
SPRYD3	0.06	7.49E-01	1.00E+00	0.12	6.61E-01	9.49E-01
FAM85B	-0.39	7.68E-01	1.00E+00	-0.31	6.61E-01	9.49E-01
RPL7AP6	-0.49	2.45E-01	1.00E+00	0.16	6.61E-01	9.49E-01
KRT13	0.91	4.50E-01	1.00E+00	0.63	6.61E-01	9.49E-01
KLHL9	0.14	6.26E-01	1.00E+00	-0.07	6.61E-01	9.49E-01
LAG3	-0.02	9.71E-01	1.00E+00	1.37	6.61E-01	9.49E-01
TAF4B	0.02	9.41E-01	1.00E+00	-0.16	6.61E-01	9.49E-01
KLHL32	-1.22	3.95E-01	1.00E+00	-0.53	6.61E-01	9.50E-01
TOR1AIP1	0.39	7.80E-02	1.00E+00	-0.09	6.61E-01	9.50E-01
TMEM74B	0.15	7.05E-01	1.00E+00	0.33	6.61E-01	9.50E-01
OR51E1	0.73	4.78E-01	1.00E+00	1.14	6.61E-01	9.50E-01
SIVA1	0.00	9.87E-01	1.00E+00	0.10	6.61E-01	9.50E-01
ELAVL4	-2.31	1.04E-03	1.67E-01	0.36	6.61E-01	9.50E-01
KRT8P12	-0.38	2.96E-01	1.00E+00	0.25	6.62E-01	9.50E-01
C6orf163	-0.53	6.20E-01	1.00E+00	-0.36	6.62E-01	9.50E-01
ZNF98	-1.62	3.81E-01	1.00E+00	0.50	6.62E-01	9.50E-01
IL17RD	0.27	5.21E-01	1.00E+00	0.21	6.62E-01	9.50E-01
TOPBP1	0.09	6.39E-01	1.00E+00	-0.17	6.62E-01	9.50E-01
CLBA1	-0.23	3.35E-01	1.00E+00	-0.24	6.62E-01	9.50E-01
C1GALT1	-0.13	6.87E-01	1.00E+00	-0.09	6.62E-01	9.50E-01
AC093627.6	-0.21	8.49E-01	1.00E+00	0.47	6.62E-01	9.50E-01
CCDC102A	-0.10	7.06E-01	1.00E+00	0.23	6.62E-01	9.50E-01
MS4A3	0.44	8.98E-01	1.00E+00	0.80	6.62E-01	9.50E-01
IFNA20P	0.87	6.12E-01	1.00E+00	-0.50	6.62E-01	9.50E-01
RIMBP3B	0.43	7.18E-01	1.00E+00	0.67	6.62E-01	9.50E-01
XLOC_002384	-0.06	9.59E-01	1.00E+00	-0.35	6.62E-01	9.50E-01
AC073611.1	-1.02	7.49E-01	1.00E+00	0.29	6.62E-01	9.50E-01
RAD50	-0.55	2.39E-01	1.00E+00	-0.16	6.62E-01	9.50E-01
DICER1	0.12	5.73E-01	1.00E+00	0.12	6.62E-01	9.50E-01
CSNK1G2	-0.27	2.86E-01	1.00E+00	0.25	6.62E-01	9.50E-01
VPS37D	0.13	7.50E-01	1.00E+00	-1.38	6.62E-01	9.50E-01

ZNF785	0.06	8.77E-01	1.00E+00	-0.23	6.62E-01	9.50E-01
2-Sep	0.24	3.13E-01	1.00E+00	-0.12	6.62E-01	9.50E-01
ZBTB10	0.15	6.26E-01	1.00E+00	0.20	6.63E-01	9.50E-01
PSD2	-0.18	8.88E-01	1.00E+00	-0.57	6.63E-01	9.50E-01
VPS51	-0.08	7.94E-01	1.00E+00	0.15	6.63E-01	9.50E-01
DENND2A	0.51	2.95E-01	1.00E+00	0.37	6.63E-01	9.51E-01
NDUFA11	0.05	9.19E-01	1.00E+00	-0.26	6.63E-01	9.51E-01
AC093484.4	-1.82	4.45E-01	1.00E+00	-0.36	6.63E-01	9.51E-01
WAC-AS1	-0.01	9.76E-01	1.00E+00	0.16	6.63E-01	9.51E-01
PER2	-0.98	5.09E-03	4.18E-01	-0.14	6.63E-01	9.51E-01
FAM227A	0.10	8.21E-01	1.00E+00	-0.38	6.63E-01	9.51E-01
ST18	-4.31	5.40E-04	1.05E-01	0.65	6.64E-01	9.51E-01
PPP3CA	-0.22	2.06E-01	1.00E+00	0.14	6.64E-01	9.51E-01
AC009093.2	-0.13	8.95E-01	1.00E+00	0.29	6.64E-01	9.51E-01
PTTG1IP	-0.08	7.42E-01	1.00E+00	-0.09	6.64E-01	9.51E-01
DDIT4L	-0.57	3.67E-01	1.00E+00	-0.31	6.64E-01	9.51E-01
TMEM268	-0.16	6.83E-01	1.00E+00	0.26	6.64E-01	9.51E-01
SLC35B1	-0.19	3.17E-01	1.00E+00	-0.06	6.64E-01	9.51E-01
AC008747.1	-3.28	2.65E-01	1.00E+00	-0.42	6.64E-01	9.51E-01
AC090519.1	0.23	8.64E-01	1.00E+00	-0.53	6.64E-01	9.51E-01
AC018809.2	-0.15	6.07E-01	1.00E+00	0.25	6.64E-01	9.51E-01
ITFG2	0.03	9.15E-01	1.00E+00	0.07	6.64E-01	9.51E-01
AC025171.4	1.10	5.19E-01	1.00E+00	0.48	6.64E-01	9.51E-01
AC005224.3	1.50	6.61E-01	1.00E+00	-0.56	6.64E-01	9.51E-01
AC106786.1	-0.11	9.13E-01	1.00E+00	0.42	6.64E-01	9.51E-01
AC103746.1	0.07	9.43E-01	1.00E+00	0.57	6.64E-01	9.51E-01
MYO15A	-0.52	5.99E-01	1.00E+00	0.42	6.64E-01	9.51E-01
DUSP11	0.00	9.99E-01	1.00E+00	-0.16	6.64E-01	9.51E-01
G39463	0.64	5.28E-01	1.00E+00	-0.39	6.64E-01	9.51E-01
AC243836.1	3.10	2.02E-01	1.00E+00	0.72	6.64E-01	9.51E-01
INPP5J	-0.58	1.41E-01	1.00E+00	0.23	6.64E-01	9.51E-01
AC068473.4	-1.92	1.52E-02	7.65E-01	-0.39	6.64E-01	9.51E-01

MPHOSPH8	0.22	3.30E-01	1.00E+00	0.12	6.64E-01	9.51E-01
CALHM4	-3.78	2.28E-01	1.00E+00	-1.39	6.64E-01	9.51E-01
AC023590.1	-1.68	6.27E-01	1.00E+00	0.47	6.65E-01	9.51E-01
AARS	-0.13	6.56E-01	1.00E+00	0.14	6.65E-01	9.51E-01
RPSAP19	0.24	7.43E-01	1.00E+00	-0.21	6.65E-01	9.51E-01
RPL10P6	0.04	9.74E-01	1.00E+00	0.37	6.65E-01	9.51E-01
AC079949.1	0.10	7.86E-01	1.00E+00	-0.46	6.65E-01	9.51E-01
AC113143.1	-0.44	9.00E-01	1.00E+00	0.61	6.65E-01	9.51E-01
PMS2CL	-0.45	1.71E-01	1.00E+00	0.20	6.65E-01	9.51E-01
MMS19	0.01	9.49E-01	1.00E+00	0.12	6.65E-01	9.51E-01
EIF4H	0.00	9.86E-01	1.00E+00	0.07	6.65E-01	9.51E-01
WNT2	0.02	9.68E-01	1.00E+00	0.26	6.65E-01	9.51E-01
AL121753.2	-0.15	7.16E-01	1.00E+00	-0.18	6.65E-01	9.51E-01
FAM50A	-0.01	9.58E-01	1.00E+00	0.16	6.65E-01	9.51E-01
AC092306.1	-0.35	4.62E-01	1.00E+00	0.30	6.65E-01	9.51E-01
ATP13A4	0.16	6.77E-01	1.00E+00	-0.21	6.65E-01	9.51E-01
EXOSC7	0.40	1.25E-01	1.00E+00	-0.17	6.65E-01	9.51E-01
LCLAT1	0.04	8.92E-01	1.00E+00	0.15	6.65E-01	9.51E-01
AL592295.4	-0.74	1.46E-01	1.00E+00	0.37	6.66E-01	9.51E-01
PLD1	-0.07	8.34E-01	1.00E+00	-0.16	6.66E-01	9.51E-01
ESRP1	-0.03	9.38E-01	1.00E+00	0.24	6.66E-01	9.51E-01
MAFB	-0.70	1.75E-01	1.00E+00	0.20	6.66E-01	9.51E-01
SERPINB8	-0.08	8.68E-01	1.00E+00	-0.14	6.66E-01	9.51E-01
CCNA1	-1.27	2.90E-01	1.00E+00	0.52	6.66E-01	9.51E-01
SLC25A36	0.24	4.07E-01	1.00E+00	-0.13	6.66E-01	9.51E-01
KLLN	0.09	8.28E-01	1.00E+00	-0.23	6.66E-01	9.51E-01
AC008268.1	1.44	2.48E-01	1.00E+00	-1.38	6.66E-01	9.51E-01
LINC01752	0.66	6.17E-01	1.00E+00	-0.42	6.66E-01	9.51E-01
PPP2R5C	0.07	6.25E-01	1.00E+00	0.09	6.66E-01	9.51E-01
LONRF3	0.09	8.89E-01	1.00E+00	-0.31	6.66E-01	9.51E-01
RPS26P6	-0.33	7.01E-01	1.00E+00	0.28	6.66E-01	9.51E-01
LINC01886	-0.59	6.93E-01	1.00E+00	-0.54	6.66E-01	9.51E-01

FBF1	-0.20	6.41E-01	1.00E+00	-0.23	6.66E-01	9.51E-01
AC009061.2	0.15	8.31E-01	1.00E+00	-0.25	6.66E-01	9.51E-01
SS18	0.04	8.79E-01	1.00E+00	0.08	6.66E-01	9.51E-01
AL356653.1	-0.08	9.82E-01	1.00E+00	-0.30	6.66E-01	9.51E-01
RHOQ	0.38	3.15E-01	1.00E+00	-0.21	6.66E-01	9.51E-01
IL12A-AS1	-0.22	8.89E-01	1.00E+00	0.58	6.66E-01	9.51E-01
AC106881.1	-0.21	8.35E-01	1.00E+00	-0.44	6.66E-01	9.51E-01
FLRT3	-0.03	9.35E-01	1.00E+00	0.23	6.66E-01	9.51E-01
CCDC17	0.80	1.88E-01	1.00E+00	-0.37	6.66E-01	9.51E-01
MPHOSPH6	0.10	7.18E-01	1.00E+00	-0.15	6.66E-01	9.51E-01
AC145343.1	-0.52	7.86E-01	1.00E+00	0.62	6.66E-01	9.51E-01
HSDL1	0.23	4.26E-01	1.00E+00	0.15	6.66E-01	9.51E-01
DOLPP1	-0.03	9.12E-01	1.00E+00	-0.10	6.66E-01	9.51E-01
AC093591.1	0.88	7.04E-01	1.00E+00	-0.31	6.67E-01	9.51E-01
PPM1D	-0.14	6.58E-01	1.00E+00	0.14	6.67E-01	9.51E-01
MAB21L2	0.08	9.79E-01	1.00E+00	0.65	6.67E-01	9.51E-01
VANGL1	0.04	8.62E-01	1.00E+00	0.10	6.67E-01	9.51E-01
C15orf48	0.98	1.11E-01	1.00E+00	-0.31	6.67E-01	9.51E-01
AC068305.2	-0.11	8.96E-01	1.00E+00	0.28	6.67E-01	9.51E-01
CDH5	0.24	6.32E-01	1.00E+00	0.27	6.67E-01	9.51E-01
AC073415.1	-1.01	3.51E-01	1.00E+00	0.42	6.67E-01	9.51E-01
AC068533.3	4.47	7.17E-02	1.00E+00	-0.65	6.67E-01	9.51E-01
XIRP1	3.00	1.11E-01	1.00E+00	1.37	6.67E-01	9.51E-01
PEX6	-0.25	3.59E-01	1.00E+00	-0.24	6.67E-01	9.51E-01
MYH15	-0.97	2.05E-01	1.00E+00	-0.31	6.67E-01	9.51E-01
AGO2	0.08	8.31E-01	1.00E+00	0.14	6.67E-01	9.51E-01
ATP2B1	-0.05	8.22E-01	1.00E+00	0.12	6.67E-01	9.51E-01
FAAP100	-0.48	5.64E-02	1.00E+00	0.22	6.67E-01	9.51E-01
NSMCE1	-0.02	8.99E-01	1.00E+00	-0.09	6.67E-01	9.51E-01
GINS3	-0.13	6.76E-01	1.00E+00	0.15	6.67E-01	9.51E-01
AL118522.1	-0.41	6.36E-01	1.00E+00	-0.31	6.67E-01	9.51E-01
AL158827.2	-1.37	4.55E-01	1.00E+00	-0.66	6.67E-01	9.51E-01

BMP6	0.29	5.84E-01	1.00E+00	0.31	6.67E-01	9.51E-01
LAMTOR1	0.03	8.59E-01	1.00E+00	0.07	6.67E-01	9.51E-01
ANKS1B	-0.64	3.02E-01	1.00E+00	-0.26	6.67E-01	9.51E-01
ATP1A4	-2.39	2.25E-01	1.00E+00	-0.48	6.67E-01	9.51E-01
KRTAP4-9	-19.72	5.40E-09	2.68E-06	-1.38	6.67E-01	9.51E-01
LINC02247	0.47	3.85E-01	1.00E+00	-0.28	6.67E-01	9.51E-01
FRMD6-AS2	0.06	9.71E-01	1.00E+00	0.37	6.67E-01	9.51E-01
NTNG1	-1.85	6.64E-03	4.94E-01	0.34	6.67E-01	9.51E-01
ACSL5	0.12	7.67E-01	1.00E+00	0.19	6.67E-01	9.51E-01
AC139099.1	-2.36	3.16E-01	1.00E+00	0.42	6.67E-01	9.51E-01
SCN3A	1.01	1.76E-01	1.00E+00	0.33	6.68E-01	9.51E-01
AK6P1	NA	NA	NA	0.64	6.68E-01	9.51E-01
SLC25A14	0.18	5.59E-01	1.00E+00	-0.13	6.68E-01	9.51E-01
NEIL1	0.59	7.75E-02	1.00E+00	-0.18	6.68E-01	9.51E-01
ACKR3	0.23	5.31E-01	1.00E+00	-0.33	6.68E-01	9.51E-01
ERVFRD-1	1.55	2.66E-01	1.00E+00	0.46	6.68E-01	9.51E-01
RAP1A	0.08	7.36E-01	1.00E+00	0.11	6.68E-01	9.51E-01
FXVD6	0.06	8.89E-01	1.00E+00	-0.16	6.68E-01	9.51E-01
USP47	0.04	7.96E-01	1.00E+00	-0.08	6.68E-01	9.51E-01
POMC	-0.50	2.72E-01	1.00E+00	0.13	6.68E-01	9.51E-01
8-Mar	0.13	5.59E-01	1.00E+00	0.15	6.68E-01	9.51E-01
CDH17	-0.89	6.27E-01	1.00E+00	0.70	6.68E-01	9.51E-01
TMEM231	0.35	1.15E-01	1.00E+00	0.15	6.68E-01	9.51E-01
VCP	-0.03	8.65E-01	1.00E+00	0.07	6.68E-01	9.51E-01
DLX3	-0.08	8.54E-01	1.00E+00	-0.26	6.68E-01	9.51E-01
GPC4	-0.13	7.62E-01	1.00E+00	0.23	6.68E-01	9.51E-01
G38113	0.04	9.74E-01	1.00E+00	-0.43	6.68E-01	9.51E-01
AL391244.2	-0.74	2.42E-01	1.00E+00	-0.50	6.68E-01	9.51E-01
WDR36	0.17	5.29E-01	1.00E+00	-0.10	6.68E-01	9.51E-01
CCT6P3	0.46	2.98E-01	1.00E+00	-0.22	6.68E-01	9.51E-01
MRPS18C	0.42	1.79E-01	1.00E+00	0.22	6.68E-01	9.51E-01
AC023078.1	0.50	6.63E-01	1.00E+00	0.36	6.68E-01	9.51E-01

AC019080.3	1.09	4.55E-01	1.00E+00	-0.52	6.68E-01	9.51E-01
RTL3	-0.55	5.05E-01	1.00E+00	-0.45	6.68E-01	9.51E-01
HSPA2	-0.31	3.00E-01	1.00E+00	-0.12	6.68E-01	9.51E-01
ZNF320	0.82	3.10E-01	1.00E+00	0.26	6.68E-01	9.51E-01
AC005911.1	-1.26	1.83E-01	1.00E+00	0.24	6.68E-01	9.51E-01
XLOC_011384	0.81	4.25E-01	1.00E+00	0.37	6.69E-01	9.51E-01
ARHGDIG	-1.51	6.51E-01	1.00E+00	-0.51	6.69E-01	9.51E-01
ANKRD39	-0.10	7.97E-01	1.00E+00	-0.21	6.69E-01	9.52E-01
PDIA6	0.09	6.06E-01	1.00E+00	0.08	6.69E-01	9.52E-01
PTK2	0.15	4.81E-01	1.00E+00	0.11	6.69E-01	9.52E-01
HSCB	0.07	7.94E-01	1.00E+00	-0.10	6.69E-01	9.52E-01
RUFY4	-2.87	2.87E-01	1.00E+00	1.36	6.69E-01	9.52E-01
RTF2	-0.04	7.91E-01	1.00E+00	-0.08	6.69E-01	9.52E-01
ZNF37A	-0.01	9.67E-01	1.00E+00	0.11	6.69E-01	9.52E-01
RPL7	-0.08	8.22E-01	1.00E+00	0.17	6.69E-01	9.52E-01
FAM151A	-4.17	1.62E-03	2.24E-01	0.48	6.69E-01	9.52E-01
EEF1E1	0.10	8.42E-01	1.00E+00	-0.25	6.69E-01	9.52E-01
MASP2	0.19	8.54E-01	1.00E+00	-0.55	6.69E-01	9.52E-01
INTS1	-0.25	3.08E-01	1.00E+00	0.26	6.69E-01	9.52E-01
GSAP	0.57	1.31E-01	1.00E+00	0.17	6.69E-01	9.52E-01
NBPF3	-0.34	3.92E-01	1.00E+00	0.18	6.70E-01	9.52E-01
RPL5P30	0.59	6.08E-01	1.00E+00	0.36	6.70E-01	9.52E-01
C4orf47	-1.78	2.99E-03	2.87E-01	-0.25	6.70E-01	9.52E-01
PCDHGC5	-1.36	2.17E-01	1.00E+00	1.36	6.70E-01	9.52E-01
SMARCA2	-0.03	8.43E-01	1.00E+00	-0.13	6.70E-01	9.52E-01
AC096887.2	0.18	8.70E-01	1.00E+00	0.42	6.70E-01	9.52E-01
AP001636.1	-0.21	9.53E-01	1.00E+00	-0.39	6.70E-01	9.52E-01
GTF2IP7	-2.24	4.20E-01	1.00E+00	0.45	6.70E-01	9.52E-01
ZDHHC19	0.22	9.47E-01	1.00E+00	0.81	6.70E-01	9.52E-01
CNGB1	-4.49	2.72E-03	2.69E-01	1.35	6.70E-01	9.52E-01
PROM1	0.46	5.90E-01	1.00E+00	-1.28	6.70E-01	9.52E-01
NBPF17P	-0.56	8.73E-01	1.00E+00	-0.40	6.70E-01	9.52E-01

PPTC7	0.20	3.78E-01	1.00E+00	0.16	6.70E-01	9.52E-01
BRINP1	-0.77	5.43E-01	1.00E+00	0.50	6.70E-01	9.52E-01
ASRGL1	-0.08	9.24E-01	1.00E+00	-0.26	6.70E-01	9.52E-01
RPS29P5	-0.80	8.18E-01	1.00E+00	0.36	6.71E-01	9.52E-01
ZSCAN12	0.04	9.07E-01	1.00E+00	0.23	6.71E-01	9.52E-01
KLHDC10	0.36	2.02E-01	1.00E+00	0.13	6.71E-01	9.52E-01
MRPS2	0.17	5.10E-01	1.00E+00	0.09	6.71E-01	9.52E-01
SCARB1	0.22	4.34E-01	1.00E+00	-0.14	6.71E-01	9.52E-01
COPS7A	-0.04	7.96E-01	1.00E+00	-0.05	6.71E-01	9.52E-01
RMRPP2	0.10	8.57E-01	1.00E+00	0.39	6.71E-01	9.52E-01
IFNLR1	-0.12	7.67E-01	1.00E+00	-0.22	6.71E-01	9.52E-01
RPL36AL	-0.06	7.46E-01	1.00E+00	0.13	6.71E-01	9.52E-01
C2orf70	-0.56	6.37E-01	1.00E+00	0.54	6.71E-01	9.52E-01
GRASP	-0.15	6.80E-01	1.00E+00	0.37	6.71E-01	9.52E-01
VPS28	-0.15	4.85E-01	1.00E+00	0.07	6.71E-01	9.52E-01
C12orf76	0.03	9.13E-01	1.00E+00	-0.19	6.71E-01	9.52E-01
IMPAD1	0.15	5.65E-01	1.00E+00	-0.17	6.71E-01	9.52E-01
AC022417.1	-0.37	6.74E-01	1.00E+00	-0.38	6.71E-01	9.52E-01
GOSR1	-0.02	8.96E-01	1.00E+00	0.05	6.71E-01	9.52E-01
GREB1L	0.76	2.98E-01	1.00E+00	0.31	6.71E-01	9.52E-01
TAF6L	-0.31	1.84E-01	1.00E+00	-0.34	6.71E-01	9.52E-01
NRDC	0.12	7.00E-01	1.00E+00	0.06	6.71E-01	9.52E-01
SRRM2-AS1	0.22	7.87E-01	1.00E+00	-0.25	6.71E-01	9.52E-01
MYNN	0.03	9.17E-01	1.00E+00	-0.14	6.71E-01	9.52E-01
POLA2	0.16	7.24E-01	1.00E+00	0.13	6.71E-01	9.52E-01
AL603750.1	0.98	3.43E-01	1.00E+00	0.52	6.71E-01	9.52E-01
MEMO1	0.18	6.81E-01	1.00E+00	-0.17	6.71E-01	9.52E-01
ACTL10	-0.79	1.13E-01	1.00E+00	-0.28	6.71E-01	9.52E-01
NAA50	0.10	5.76E-01	1.00E+00	0.10	6.71E-01	9.52E-01
HIST1H2BN	0.67	3.06E-01	1.00E+00	0.20	6.72E-01	9.52E-01
NRP1	0.27	4.75E-01	1.00E+00	0.16	6.72E-01	9.52E-01
PMP2	-0.85	1.10E-01	1.00E+00	0.32	6.72E-01	9.52E-01

RFT1	0.03	8.70E-01	1.00E+00	0.09	6.72E-01	9.53E-01
AP001453.2	NA	NA	NA	0.41	6.72E-01	9.53E-01
LINC02363	1.34	4.10E-01	1.00E+00	-0.40	6.72E-01	9.53E-01
AC026271.3	0.38	3.46E-01	1.00E+00	0.28	6.72E-01	9.53E-01
GAPDHP35	NA	NA	NA	0.56	6.72E-01	9.53E-01
PTK6	0.06	8.96E-01	1.00E+00	-0.22	6.72E-01	9.53E-01
EHD1	-0.23	3.46E-01	1.00E+00	0.19	6.72E-01	9.53E-01
XLOC_013243	0.92	7.83E-01	1.00E+00	-1.35	6.72E-01	9.53E-01
LIN52	0.10	6.42E-01	1.00E+00	0.12	6.72E-01	9.53E-01
VAR52	-0.06	8.06E-01	1.00E+00	0.25	6.72E-01	9.53E-01
RBM3	-0.19	4.67E-01	1.00E+00	-0.08	6.72E-01	9.53E-01
PPP4R3A	-0.04	8.79E-01	1.00E+00	-0.16	6.72E-01	9.53E-01
NQO2	0.16	5.77E-01	1.00E+00	-0.13	6.72E-01	9.53E-01
GPR37L1	-3.41	8.17E-02	1.00E+00	-0.47	6.72E-01	9.53E-01
ACSL6	0.50	6.22E-01	1.00E+00	0.39	6.72E-01	9.53E-01
ZNF793-AS1	-0.49	4.66E-01	1.00E+00	-0.23	6.72E-01	9.53E-01
PEAR1	0.29	5.40E-01	1.00E+00	0.30	6.72E-01	9.53E-01
KLHL36	0.37	2.98E-01	1.00E+00	0.12	6.73E-01	9.53E-01
SNHG18	-0.14	7.19E-01	1.00E+00	-0.14	6.73E-01	9.53E-01
DAZAP2	-0.01	9.55E-01	1.00E+00	-0.13	6.73E-01	9.53E-01
PLEKHH2	-0.06	8.71E-01	1.00E+00	-0.19	6.73E-01	9.53E-01
MACF1	-0.37	1.10E-01	1.00E+00	0.18	6.73E-01	9.53E-01
AKR1C1	1.29	8.17E-02	1.00E+00	-0.24	6.73E-01	9.53E-01
VCPIP1	-0.09	6.25E-01	1.00E+00	0.07	6.73E-01	9.53E-01
RPL14	-0.10	7.22E-01	1.00E+00	0.12	6.73E-01	9.53E-01
KIF2C	0.22	4.49E-01	1.00E+00	-0.23	6.73E-01	9.53E-01
CPOX	0.17	4.72E-01	1.00E+00	0.23	6.73E-01	9.53E-01
CLK3	-0.05	7.44E-01	1.00E+00	-0.09	6.73E-01	9.53E-01
RHBDD1	-0.19	2.96E-01	1.00E+00	-0.08	6.73E-01	9.53E-01
XLOC_009135	0.71	4.95E-01	1.00E+00	0.36	6.73E-01	9.53E-01
PDXP	-0.13	7.94E-01	1.00E+00	0.49	6.73E-01	9.53E-01
SREK1	0.16	5.31E-01	1.00E+00	-0.09	6.73E-01	9.53E-01

AC087163.2	-2.73	6.41E-02	1.00E+00	0.63	6.73E-01	9.53E-01
THUMPD1	0.16	3.87E-01	1.00E+00	-0.09	6.73E-01	9.53E-01
GPR88	1.30	3.11E-01	1.00E+00	0.49	6.73E-01	9.53E-01
ALOX15	-0.57	1.25E-01	1.00E+00	-0.34	6.73E-01	9.53E-01
POLE	-0.16	5.08E-01	1.00E+00	0.22	6.73E-01	9.53E-01
QARS	-0.27	3.80E-01	1.00E+00	0.08	6.73E-01	9.53E-01
BUD31	-0.09	6.52E-01	1.00E+00	0.14	6.74E-01	9.53E-01
BSCL2	0.11	8.75E-01	1.00E+00	0.23	6.74E-01	9.53E-01
BID	-0.14	5.95E-01	1.00E+00	0.12	6.74E-01	9.53E-01
CORO2A	0.35	3.37E-01	1.00E+00	0.13	6.74E-01	9.53E-01
Z97055.2	-0.46	6.79E-01	1.00E+00	-0.45	6.74E-01	9.53E-01
SLC25A27	0.31	6.10E-01	1.00E+00	-0.35	6.74E-01	9.53E-01
MID1IP1	0.23	2.86E-01	1.00E+00	0.18	6.74E-01	9.53E-01
RBSN	-0.18	4.62E-01	1.00E+00	-0.09	6.74E-01	9.53E-01
METAP1	0.07	7.07E-01	1.00E+00	0.08	6.74E-01	9.53E-01
SLC35E2B	0.10	7.35E-01	1.00E+00	0.20	6.74E-01	9.53E-01
CBFA2T3	-0.13	7.16E-01	1.00E+00	-0.18	6.74E-01	9.53E-01
CCDC115	0.09	5.83E-01	1.00E+00	-0.11	6.74E-01	9.53E-01
AP000785.2	0.48	6.52E-01	1.00E+00	0.40	6.74E-01	9.53E-01
MON2	0.08	7.17E-01	1.00E+00	-0.11	6.74E-01	9.53E-01
SH3BP4	-0.12	7.36E-01	1.00E+00	-0.18	6.74E-01	9.53E-01
G15375	-0.48	3.20E-01	1.00E+00	0.37	6.74E-01	9.53E-01
PRKD1	0.93	2.71E-02	9.60E-01	-0.28	6.74E-01	9.53E-01
ENGASE	0.14	6.19E-01	1.00E+00	0.29	6.74E-01	9.53E-01
ENO1	-0.24	2.80E-01	1.00E+00	0.10	6.75E-01	9.53E-01
LDHC	-1.66	1.67E-02	8.13E-01	0.42	6.75E-01	9.53E-01
HACD1	-0.51	2.82E-01	1.00E+00	-0.18	6.75E-01	9.53E-01
RPL21P131	NA	NA	NA	0.43	6.75E-01	9.53E-01
ZNRF3	-0.17	6.30E-01	1.00E+00	-0.14	6.75E-01	9.53E-01
DCLRE1A	0.26	3.52E-01	1.00E+00	0.14	6.75E-01	9.53E-01
AC117382.1	1.05	3.89E-01	1.00E+00	-0.19	6.75E-01	9.53E-01
LAMB4	0.21	5.25E-01	1.00E+00	-0.28	6.75E-01	9.53E-01

ZFY	0.53	4.17E-01	1.00E+00	-0.38	6.75E-01	9.53E-01
UBE2Z	-0.02	9.20E-01	1.00E+00	0.20	6.75E-01	9.53E-01
AC139769.2	-0.33	7.93E-01	1.00E+00	-0.29	6.75E-01	9.53E-01
IGKV1-13	1.78	5.77E-01	1.00E+00	1.35	6.75E-01	9.53E-01
RPL18AP3	-0.25	4.47E-01	1.00E+00	0.28	6.75E-01	9.53E-01
ANKRD35	0.11	8.14E-01	1.00E+00	0.13	6.75E-01	9.53E-01
PRPF4	-0.11	5.66E-01	1.00E+00	0.07	6.75E-01	9.53E-01
XLOC_003787	-2.05	3.04E-01	1.00E+00	0.47	6.75E-01	9.53E-01
ISYNA1	-0.47	2.52E-01	1.00E+00	-0.20	6.75E-01	9.53E-01
CYP1B1-AS1	-1.01	2.32E-01	1.00E+00	-0.23	6.75E-01	9.53E-01
ACSM5	1.59	1.43E-02	7.51E-01	0.25	6.75E-01	9.53E-01
HPRT1	-0.19	3.71E-01	1.00E+00	-0.10	6.75E-01	9.54E-01
AL162390.1	1.61	4.79E-01	1.00E+00	0.48	6.75E-01	9.54E-01
IGHEP1	-1.57	4.68E-01	1.00E+00	-1.34	6.75E-01	9.54E-01
ZBTB48	-0.16	5.36E-01	1.00E+00	0.10	6.76E-01	9.54E-01
BACH1-IT2	-0.09	9.43E-01	1.00E+00	-0.49	6.76E-01	9.54E-01
FABP5P11	-1.52	6.60E-01	1.00E+00	0.28	6.76E-01	9.54E-01
LINC01978	-1.00	5.86E-01	1.00E+00	0.79	6.76E-01	9.54E-01
RPL14P3	-0.47	8.70E-01	1.00E+00	-0.37	6.76E-01	9.54E-01
AC108693.1	-0.09	9.68E-01	1.00E+00	0.41	6.76E-01	9.54E-01
LINC02169	-1.06	3.31E-01	1.00E+00	-1.33	6.76E-01	9.54E-01
GABBR2	-1.26	6.67E-01	1.00E+00	-0.39	6.76E-01	9.54E-01
AC092611.3	0.75	2.01E-02	8.84E-01	0.22	6.76E-01	9.54E-01
AC068025.1	-2.08	2.53E-01	1.00E+00	0.40	6.76E-01	9.54E-01
SNX31	-0.19	8.28E-01	1.00E+00	-0.42	6.76E-01	9.54E-01
ATP5PFP1	NA	NA	NA	0.40	6.76E-01	9.54E-01
CASP17P	-0.34	5.13E-01	1.00E+00	-0.16	6.76E-01	9.54E-01
G14979	-1.22	5.87E-01	1.00E+00	-0.49	6.76E-01	9.54E-01
NOXA1	-0.08	7.76E-01	1.00E+00	0.38	6.76E-01	9.54E-01
LIX1	-2.59	5.83E-02	1.00E+00	0.49	6.76E-01	9.54E-01
ALG1L12P	-2.23	7.92E-02	1.00E+00	0.28	6.76E-01	9.54E-01
AKR1A1	-0.20	3.59E-01	1.00E+00	0.08	6.77E-01	9.54E-01

AC005906.2	-2.30	2.35E-01	1.00E+00	0.57	6.77E-01	9.54E-01
ZNF251	-0.02	9.39E-01	1.00E+00	0.12	6.77E-01	9.54E-01
MT1F	-0.38	2.25E-01	1.00E+00	-0.12	6.77E-01	9.54E-01
AC145676.1	-1.01	5.07E-01	1.00E+00	0.81	6.77E-01	9.54E-01
UTP25	0.00	9.85E-01	1.00E+00	-0.07	6.77E-01	9.54E-01
PLA2G2D	-1.30	3.28E-01	1.00E+00	1.32	6.77E-01	9.54E-01
COG7	0.13	5.48E-01	1.00E+00	-0.07	6.77E-01	9.54E-01
CENPF	-0.36	2.02E-01	1.00E+00	0.18	6.77E-01	9.54E-01
SVIL-AS1	0.39	5.83E-02	1.00E+00	-0.10	6.77E-01	9.54E-01
FMN2	-0.51	5.07E-01	1.00E+00	-0.41	6.77E-01	9.54E-01
EYS	1.31	1.70E-01	1.00E+00	-0.61	6.77E-01	9.54E-01
AC067838.1	0.14	8.30E-01	1.00E+00	0.22	6.77E-01	9.54E-01
DUSP13	-0.28	5.79E-01	1.00E+00	-0.31	6.77E-01	9.54E-01
CLC	1.49	5.13E-01	1.00E+00	0.75	6.77E-01	9.54E-01
BORA	-0.35	4.06E-01	1.00E+00	0.15	6.77E-01	9.54E-01
A1BG-AS1	-1.49	9.63E-02	1.00E+00	0.38	6.77E-01	9.54E-01
RP11-680G24.5	0.82	5.08E-01	1.00E+00	-0.30	6.77E-01	9.54E-01
ANKMY2	0.00	9.91E-01	1.00E+00	-0.11	6.77E-01	9.54E-01
AC023632.6	0.43	4.01E-01	1.00E+00	0.27	6.77E-01	9.54E-01
TOMM7	0.06	8.51E-01	1.00E+00	-0.09	6.77E-01	9.54E-01
SOX2	-0.66	3.52E-01	1.00E+00	0.35	6.78E-01	9.54E-01
G33207	-0.16	7.89E-01	1.00E+00	-0.33	6.78E-01	9.54E-01
PRCD	-0.11	8.13E-01	1.00E+00	0.22	6.78E-01	9.55E-01
ACACB	1.78	1.75E-02	8.33E-01	0.29	6.78E-01	9.55E-01
HNRNPU	-0.23	6.53E-02	1.00E+00	-0.17	6.78E-01	9.55E-01
SLC16A5	0.04	9.22E-01	1.00E+00	-0.12	6.78E-01	9.55E-01
AC009090.1	2.72	1.85E-02	8.53E-01	0.44	6.78E-01	9.55E-01
AC109635.4	2.74	4.20E-01	1.00E+00	0.62	6.78E-01	9.55E-01
RP11-640M9.1	0.31	3.97E-01	1.00E+00	0.10	6.78E-01	9.55E-01
CLGN	0.12	9.05E-01	1.00E+00	-0.29	6.78E-01	9.55E-01
SERINC5	0.10	7.31E-01	1.00E+00	0.15	6.78E-01	9.55E-01
NT5C	-0.05	8.63E-01	1.00E+00	-0.10	6.78E-01	9.55E-01

RPL7AP14	NA	NA	NA	0.55	6.78E-01	9.55E-01
C9orf43	0.04	9.53E-01	1.00E+00	-0.29	6.78E-01	9.55E-01
SLC12A4	0.18	5.68E-01	1.00E+00	0.20	6.79E-01	9.55E-01
DBR1	0.06	7.21E-01	1.00E+00	0.07	6.79E-01	9.55E-01
SGK3	0.33	3.23E-01	1.00E+00	-0.13	6.79E-01	9.55E-01
AC110285.7	-0.22	7.22E-01	1.00E+00	0.35	6.79E-01	9.55E-01
RPS27L	0.20	3.73E-01	1.00E+00	-0.14	6.79E-01	9.55E-01
CSKMT	0.06	8.99E-01	1.00E+00	-0.23	6.79E-01	9.55E-01
TMED10	0.24	8.83E-02	1.00E+00	-0.09	6.79E-01	9.55E-01
UBN2	0.16	6.14E-01	1.00E+00	-0.16	6.79E-01	9.55E-01
AC078923.1	-1.40	4.49E-01	1.00E+00	0.44	6.79E-01	9.55E-01
CNTN4	0.15	8.14E-01	1.00E+00	0.25	6.79E-01	9.55E-01
IGF1	0.46	5.32E-01	1.00E+00	0.23	6.79E-01	9.55E-01
FAM124B	0.80	2.07E-02	8.94E-01	-0.19	6.79E-01	9.55E-01
PANK3	0.14	5.66E-01	1.00E+00	0.08	6.79E-01	9.55E-01
ANKRD17	-0.17	3.72E-01	1.00E+00	0.11	6.79E-01	9.55E-01
NEO1	0.24	3.28E-01	1.00E+00	0.17	6.79E-01	9.55E-01
AL139220.2	0.14	8.24E-01	1.00E+00	-0.21	6.79E-01	9.55E-01
IGKV1D-43	NA	NA	NA	1.33	6.79E-01	9.55E-01
ATF7IP	-0.08	7.62E-01	1.00E+00	-0.09	6.79E-01	9.55E-01
LRRC10B	-0.35	4.02E-01	1.00E+00	-0.42	6.79E-01	9.55E-01
ARSG	-0.58	9.68E-02	1.00E+00	-0.09	6.80E-01	9.55E-01
DNAJA1	-0.08	7.94E-01	1.00E+00	0.12	6.80E-01	9.55E-01
AC027801.1	-0.35	8.16E-01	1.00E+00	0.38	6.80E-01	9.55E-01
GRAMD1C	0.29	5.40E-01	1.00E+00	0.15	6.80E-01	9.55E-01
AC010980.1	0.38	5.71E-01	1.00E+00	0.27	6.80E-01	9.55E-01
XLOC_005479	3.27	1.84E-01	1.00E+00	-0.30	6.80E-01	9.55E-01
PRND	0.03	9.76E-01	1.00E+00	0.45	6.80E-01	9.55E-01
AL591866.1	-0.65	8.31E-01	1.00E+00	0.25	6.80E-01	9.55E-01
EIF1B-AS1	0.37	4.13E-01	1.00E+00	-0.18	6.80E-01	9.55E-01
ZNF678	0.08	8.28E-01	1.00E+00	0.14	6.80E-01	9.55E-01
TSPYL4	-0.40	8.20E-02	1.00E+00	0.12	6.80E-01	9.55E-01

AC090181.2	-1.70	3.01E-01	1.00E+00	-0.67	6.80E-01	9.55E-01
PKNOX2	-0.70	3.13E-02	1.00E+00	0.23	6.80E-01	9.55E-01
RPP38	0.04	8.87E-01	1.00E+00	-0.15	6.80E-01	9.55E-01
C19orf48	-0.31	2.40E-01	1.00E+00	0.15	6.80E-01	9.55E-01
RLIMP1	-1.70	6.01E-01	1.00E+00	0.48	6.80E-01	9.55E-01
AC069155.1	-1.77	2.53E-01	1.00E+00	0.43	6.80E-01	9.55E-01
RPUSD2	-0.07	7.59E-01	1.00E+00	0.09	6.80E-01	9.55E-01
AP1M2	-0.05	8.63E-01	1.00E+00	-0.17	6.80E-01	9.55E-01
NUS1P1	-0.09	9.32E-01	1.00E+00	0.24	6.80E-01	9.55E-01
SLC2A5	0.14	8.11E-01	1.00E+00	0.26	6.80E-01	9.55E-01
TTC23	0.38	1.96E-01	1.00E+00	0.10	6.80E-01	9.55E-01
PTRH2	0.06	7.79E-01	1.00E+00	0.10	6.81E-01	9.56E-01
AL135744.1	-2.99	2.53E-01	1.00E+00	0.35	6.81E-01	9.56E-01
POC1B	0.21	3.34E-01	1.00E+00	-0.11	6.81E-01	9.56E-01
G29144	-0.78	6.49E-01	1.00E+00	-0.47	6.81E-01	9.56E-01
SPATA2L	-0.16	5.41E-01	1.00E+00	0.21	6.81E-01	9.56E-01
AFG1L	0.07	8.54E-01	1.00E+00	0.11	6.81E-01	9.56E-01
ITGA9	0.24	5.36E-01	1.00E+00	0.20	6.81E-01	9.56E-01
FRG1-DT	1.04	2.72E-01	1.00E+00	-0.32	6.81E-01	9.56E-01
AL132712.1	-0.65	3.77E-01	1.00E+00	-0.40	6.81E-01	9.56E-01
HIGD1AP14	NA	NA	NA	-0.31	6.81E-01	9.56E-01
PSMD5	0.16	3.86E-01	1.00E+00	-0.08	6.81E-01	9.56E-01
AL392046.2	-0.14	7.56E-01	1.00E+00	0.24	6.81E-01	9.56E-01
C5	-0.01	9.75E-01	1.00E+00	-0.26	6.81E-01	9.56E-01
GDF10	0.58	4.49E-01	1.00E+00	-0.31	6.81E-01	9.56E-01
NDUFA9	-0.08	8.05E-01	1.00E+00	-0.20	6.81E-01	9.56E-01
ARL13B	0.24	4.38E-01	1.00E+00	-0.10	6.81E-01	9.56E-01
TSPAN17	-0.25	2.80E-01	1.00E+00	0.21	6.81E-01	9.56E-01
AC004067.1	-0.89	2.58E-01	1.00E+00	0.25	6.82E-01	9.56E-01
PPT1	-0.02	9.13E-01	1.00E+00	0.09	6.82E-01	9.56E-01
COL6A5	0.39	5.61E-01	1.00E+00	0.38	6.82E-01	9.56E-01
AF274858.1	0.08	9.05E-01	1.00E+00	-0.16	6.82E-01	9.56E-01

RBMX	-0.09	5.47E-01	1.00E+00	-0.07	6.82E-01	9.56E-01
XRN1	0.23	4.70E-01	1.00E+00	0.11	6.82E-01	9.56E-01
SCART1	-0.73	3.88E-01	1.00E+00	-0.31	6.82E-01	9.56E-01
PITX2	-0.04	9.65E-01	1.00E+00	0.31	6.82E-01	9.56E-01
VMAC	-0.40	2.07E-01	1.00E+00	-0.11	6.82E-01	9.56E-01
AC034102.1	0.52	6.92E-01	1.00E+00	0.18	6.82E-01	9.56E-01
Z97353.1	-2.23	5.12E-01	1.00E+00	0.32	6.82E-01	9.56E-01
LYRM4	0.01	9.72E-01	1.00E+00	0.08	6.82E-01	9.56E-01
ADAMTS14	-0.61	3.29E-01	1.00E+00	1.29	6.82E-01	9.56E-01
MTMR6	0.36	8.54E-02	1.00E+00	-0.12	6.82E-01	9.56E-01
GPS2P1	1.50	6.62E-01	1.00E+00	-0.45	6.82E-01	9.56E-01
XLOC_014219	-0.34	7.26E-01	1.00E+00	-0.66	6.82E-01	9.56E-01
CLUH	-0.28	3.01E-01	1.00E+00	-0.25	6.82E-01	9.56E-01
IGHEP2	-1.57	4.23E-01	1.00E+00	-0.52	6.82E-01	9.56E-01
AC079145.1	-0.44	8.90E-01	1.00E+00	0.52	6.83E-01	9.56E-01
IL31RA	-0.04	9.65E-01	1.00E+00	-0.42	6.83E-01	9.56E-01
SYNGR3	-1.59	8.23E-02	1.00E+00	-0.33	6.83E-01	9.56E-01
CREB3	0.05	8.80E-01	1.00E+00	0.09	6.83E-01	9.56E-01
AC026803.2	-0.28	5.89E-01	1.00E+00	-0.46	6.83E-01	9.56E-01
XLOC_006088	-2.72	3.34E-01	1.00E+00	0.55	6.83E-01	9.56E-01
AC135048.3	-2.00	1.85E-01	1.00E+00	0.39	6.83E-01	9.56E-01
GJC2	-0.07	8.41E-01	1.00E+00	0.32	6.83E-01	9.56E-01
EEF1AKMT1	0.04	8.89E-01	1.00E+00	-0.15	6.83E-01	9.56E-01
AC004490.1	0.83	4.44E-01	1.00E+00	0.36	6.83E-01	9.56E-01
G16011	-0.72	6.17E-01	1.00E+00	0.44	6.83E-01	9.56E-01
CPNE6	-1.57	1.71E-01	1.00E+00	-0.35	6.83E-01	9.56E-01
DSC1	0.09	8.69E-01	1.00E+00	0.28	6.83E-01	9.56E-01
DDX31	-0.02	9.43E-01	1.00E+00	0.17	6.83E-01	9.56E-01
SEMA6A-AS1	1.26	3.91E-01	1.00E+00	0.43	6.83E-01	9.56E-01
LRRC45	-0.26	3.63E-01	1.00E+00	0.23	6.83E-01	9.56E-01
MNS1	-0.17	6.63E-01	1.00E+00	-0.14	6.83E-01	9.56E-01
ADAMTS4	-2.06	9.13E-02	1.00E+00	0.38	6.83E-01	9.56E-01

VIPR2	0.02	9.80E-01	1.00E+00	0.43	6.83E-01	9.56E-01
CPLX1	-1.15	1.20E-01	1.00E+00	0.46	6.83E-01	9.56E-01
TRIB1	-0.27	4.37E-01	1.00E+00	-0.23	6.83E-01	9.56E-01
CLIP1	-0.28	3.39E-01	1.00E+00	-0.09	6.83E-01	9.56E-01
FAM156B	0.52	2.74E-01	1.00E+00	0.13	6.83E-01	9.56E-01
USP2-AS1	-0.16	9.09E-01	1.00E+00	-0.35	6.83E-01	9.56E-01
DAP3	0.05	7.91E-01	1.00E+00	0.06	6.83E-01	9.56E-01
ZFR2	-2.88	3.04E-02	1.00E+00	-0.40	6.83E-01	9.56E-01
AL139287.1	-0.75	4.53E-01	1.00E+00	0.36	6.83E-01	9.56E-01
VWA1	-0.31	3.72E-01	1.00E+00	0.33	6.84E-01	9.56E-01
LINC01135	-0.64	4.88E-01	1.00E+00	-0.33	6.84E-01	9.56E-01
TMEM30A	0.20	4.60E-01	1.00E+00	0.11	6.84E-01	9.56E-01
SCAF8	-0.35	1.47E-01	1.00E+00	0.12	6.84E-01	9.56E-01
STYK1	-1.34	1.17E-02	6.70E-01	-0.32	6.84E-01	9.56E-01
BTC	0.18	7.79E-01	1.00E+00	-0.27	6.84E-01	9.56E-01
C9orf38	1.04	5.21E-01	1.00E+00	0.35	6.84E-01	9.56E-01
CCND2	0.45	2.38E-01	1.00E+00	-0.13	6.84E-01	9.56E-01
SOX7	-0.54	1.13E-02	6.59E-01	-0.16	6.84E-01	9.56E-01
ABCC11	-0.03	9.78E-01	1.00E+00	-0.39	6.84E-01	9.56E-01
XLOC_002997	1.14	6.01E-01	1.00E+00	0.61	6.84E-01	9.56E-01
ALG3	-0.51	3.90E-02	1.00E+00	0.08	6.84E-01	9.56E-01
PHYHIPL	-0.83	4.31E-01	1.00E+00	-0.32	6.84E-01	9.56E-01
AC005776.2	0.04	9.68E-01	1.00E+00	0.47	6.84E-01	9.56E-01
MCTP2	0.06	8.54E-01	1.00E+00	0.21	6.84E-01	9.56E-01
SPDYA	-1.94	2.89E-01	1.00E+00	0.26	6.84E-01	9.56E-01
CCKBR	-1.34	1.47E-02	7.60E-01	-0.35	6.84E-01	9.56E-01
ZNF724	0.48	5.09E-01	1.00E+00	-0.23	6.84E-01	9.56E-01
AC090970.1	1.55	4.69E-01	1.00E+00	0.35	6.84E-01	9.56E-01
ICK	0.03	9.01E-01	1.00E+00	0.09	6.84E-01	9.56E-01
RPL3P9	NA	NA	NA	-0.34	6.84E-01	9.56E-01
AL391244.1	-0.14	5.85E-01	1.00E+00	0.11	6.84E-01	9.56E-01
MTREX	0.13	5.62E-01	1.00E+00	-0.08	6.85E-01	9.56E-01

AP000811.1	0.25	9.10E-01	1.00E+00	0.47	6.85E-01	9.56E-01
NOL6	-0.26	3.17E-01	1.00E+00	0.22	6.85E-01	9.56E-01
RASA3	0.48	1.38E-01	1.00E+00	0.23	6.85E-01	9.57E-01
AC123912.1	1.47	1.76E-01	1.00E+00	-0.30	6.85E-01	9.57E-01
PDE1B	0.48	4.14E-01	1.00E+00	0.34	6.85E-01	9.57E-01
MYO1A	-3.09	2.29E-02	9.12E-01	-0.39	6.85E-01	9.57E-01
DYNC2LI1	0.31	2.18E-01	1.00E+00	-0.14	6.85E-01	9.57E-01
GRPR	0.80	6.50E-01	1.00E+00	-0.61	6.85E-01	9.57E-01
TREM2	-0.60	3.64E-01	1.00E+00	0.44	6.85E-01	9.57E-01
UBFD1	0.24	2.82E-01	1.00E+00	0.21	6.85E-01	9.57E-01
PTPDC1	0.13	7.20E-01	1.00E+00	-0.24	6.85E-01	9.57E-01
ANP32BP1	-0.55	8.75E-01	1.00E+00	-0.29	6.85E-01	9.57E-01
TPO	0.48	5.03E-01	1.00E+00	-0.31	6.85E-01	9.57E-01
C4orf3	0.13	3.68E-01	1.00E+00	-0.12	6.85E-01	9.57E-01
FBXW11	0.23	2.34E-01	1.00E+00	0.10	6.85E-01	9.57E-01
POLB	-0.01	9.64E-01	1.00E+00	0.12	6.85E-01	9.57E-01
KCNE1	-2.59	5.32E-02	1.00E+00	-0.52	6.85E-01	9.57E-01
TMEM108-AS1	0.43	9.03E-01	1.00E+00	-0.75	6.85E-01	9.57E-01
MYOM2	0.29	2.76E-01	1.00E+00	-0.12	6.85E-01	9.57E-01
AC092573.2	0.05	9.76E-01	1.00E+00	0.51	6.85E-01	9.57E-01
AC109587.1	0.48	4.47E-01	1.00E+00	-0.30	6.85E-01	9.57E-01
PDLIM1P4	-0.81	6.00E-01	1.00E+00	0.25	6.85E-01	9.57E-01
ST6GALNAC1	-0.39	5.32E-01	1.00E+00	0.25	6.85E-01	9.57E-01
AC091057.1	0.46	4.06E-01	1.00E+00	0.39	6.85E-01	9.57E-01
CLIP4	0.22	3.57E-01	1.00E+00	-0.09	6.86E-01	9.57E-01
NPNT	-0.15	6.70E-01	1.00E+00	-0.20	6.86E-01	9.57E-01
MED10	0.14	5.00E-01	1.00E+00	-0.10	6.86E-01	9.57E-01
RNPS1	-0.04	8.27E-01	1.00E+00	-0.07	6.86E-01	9.57E-01
GLYR1	-0.06	7.36E-01	1.00E+00	0.18	6.86E-01	9.57E-01
G40907	-0.04	9.76E-01	1.00E+00	-0.37	6.86E-01	9.57E-01
DDX11-AS1	-1.69	1.54E-01	1.00E+00	0.43	6.86E-01	9.57E-01
PNPLA8	0.15	5.23E-01	1.00E+00	-0.09	6.86E-01	9.57E-01

C15orf62	0.34	5.02E-01	1.00E+00	-0.26	6.86E-01	9.57E-01
KCNJ2	0.02	9.54E-01	1.00E+00	-0.16	6.86E-01	9.57E-01
PRR4	-1.64	6.28E-01	1.00E+00	-1.27	6.86E-01	9.57E-01
RPL13	-0.17	5.55E-01	1.00E+00	0.12	6.86E-01	9.57E-01
MFSD6L	0.13	8.11E-01	1.00E+00	0.98	6.86E-01	9.57E-01
GTF2H2C	-0.17	6.29E-01	1.00E+00	-0.12	6.86E-01	9.57E-01
AL117339.5	0.56	8.57E-01	1.00E+00	-1.27	6.86E-01	9.57E-01
TMEM19	0.29	2.50E-01	1.00E+00	-0.14	6.86E-01	9.57E-01
AC021188.1	-0.08	9.00E-01	1.00E+00	-0.33	6.86E-01	9.57E-01
AC018752.1	-2.07	1.01E-01	1.00E+00	-0.34	6.86E-01	9.57E-01
SHANK2	-0.07	9.29E-01	1.00E+00	0.30	6.86E-01	9.57E-01
ZNF587	-0.11	7.52E-01	1.00E+00	0.13	6.86E-01	9.57E-01
AC096540.1	1.65	2.74E-01	1.00E+00	-0.37	6.86E-01	9.57E-01
AC087276.1	0.58	4.23E-01	1.00E+00	0.27	6.86E-01	9.57E-01
CCDC116	-2.64	1.62E-01	1.00E+00	0.56	6.87E-01	9.57E-01
PRRG4	0.25	5.28E-01	1.00E+00	-0.17	6.87E-01	9.57E-01
ZNF141	-0.35	3.74E-01	1.00E+00	-0.17	6.87E-01	9.57E-01
CNOT1	0.22	3.10E-01	1.00E+00	0.14	6.87E-01	9.57E-01
EPS8L2	-0.32	3.88E-01	1.00E+00	0.18	6.87E-01	9.57E-01
FAM86DP	0.10	7.17E-01	1.00E+00	0.11	6.87E-01	9.57E-01
LINC01311	-2.26	5.00E-02	1.00E+00	-0.39	6.87E-01	9.57E-01
AL135818.2	-0.35	7.81E-01	1.00E+00	0.64	6.87E-01	9.57E-01
C1orf21	0.02	9.46E-01	1.00E+00	-0.11	6.87E-01	9.57E-01
CTNBL1	0.00	9.90E-01	1.00E+00	0.05	6.87E-01	9.57E-01
AL121944.1	0.34	5.43E-01	1.00E+00	-0.17	6.87E-01	9.57E-01
ZDHHC11B	-0.23	7.42E-01	1.00E+00	0.31	6.87E-01	9.57E-01
AP001148.1	-1.02	4.38E-01	1.00E+00	0.45	6.87E-01	9.57E-01
AC011477.2	-0.43	5.21E-01	1.00E+00	-0.18	6.87E-01	9.57E-01
SLC7A3	0.54	7.31E-01	1.00E+00	-0.84	6.87E-01	9.57E-01
ARHGAP39	-0.52	1.07E-01	1.00E+00	0.31	6.87E-01	9.57E-01
UFD1	-0.12	4.91E-01	1.00E+00	-0.09	6.87E-01	9.57E-01
FN3K	0.03	9.55E-01	1.00E+00	0.29	6.87E-01	9.57E-01

KIF21B	-0.14	8.22E-01	1.00E+00	1.27	6.87E-01	9.57E-01
DNAH11	0.38	4.49E-01	1.00E+00	-0.33	6.88E-01	9.57E-01
MED22	0.14	5.91E-01	1.00E+00	0.27	6.88E-01	9.57E-01
EIF2AK3	0.33	1.72E-01	1.00E+00	-0.20	6.88E-01	9.57E-01
AC125232.2	-0.34	4.99E-01	1.00E+00	0.36	6.88E-01	9.57E-01
AC096745.2	0.07	9.49E-01	1.00E+00	-0.38	6.88E-01	9.57E-01
MYLK3	-0.57	6.71E-01	1.00E+00	0.64	6.88E-01	9.57E-01
DMPK	-0.40	3.91E-01	1.00E+00	-0.33	6.88E-01	9.57E-01
AC090912.2	-2.93	1.87E-01	1.00E+00	-0.44	6.88E-01	9.57E-01
WI2-1896O14.1	0.02	9.74E-01	1.00E+00	-0.21	6.88E-01	9.57E-01
AOC3	0.92	2.18E-01	1.00E+00	-0.29	6.88E-01	9.57E-01
G32346	-2.19	2.32E-01	1.00E+00	-1.28	6.88E-01	9.57E-01
PCDHB5	-0.21	7.69E-01	1.00E+00	-0.27	6.88E-01	9.57E-01
AL021578.1	-1.86	6.40E-02	1.00E+00	-0.66	6.88E-01	9.57E-01
ASF1B	-0.28	3.53E-01	1.00E+00	0.16	6.88E-01	9.57E-01
PWP1	-0.14	4.63E-01	1.00E+00	-0.06	6.88E-01	9.57E-01
IL21-AS1	NA	NA	NA	0.98	6.88E-01	9.57E-01
PTP4A2P1	1.09	5.64E-01	1.00E+00	-0.31	6.88E-01	9.57E-01
ASB2	-0.07	8.99E-01	1.00E+00	0.25	6.88E-01	9.57E-01
AC113191.1	0.09	9.20E-01	1.00E+00	0.25	6.88E-01	9.57E-01
KC6	-3.12	1.58E-01	1.00E+00	-1.29	6.88E-01	9.57E-01
KRTAP4-3	-1.62	5.15E-01	1.00E+00	-1.29	6.89E-01	9.57E-01
AC008966.1	0.08	8.99E-01	1.00E+00	0.22	6.89E-01	9.57E-01
ZADH2	-0.04	8.31E-01	1.00E+00	0.11	6.89E-01	9.57E-01
DHX35	0.16	4.37E-01	1.00E+00	0.11	6.89E-01	9.57E-01
TLE4	0.09	7.66E-01	1.00E+00	0.12	6.89E-01	9.57E-01
MPP4	-1.96	1.47E-01	1.00E+00	0.42	6.89E-01	9.57E-01
CD300LF	0.17	9.06E-01	1.00E+00	1.26	6.89E-01	9.57E-01
AC006504.8	0.11	9.27E-01	1.00E+00	-0.41	6.89E-01	9.57E-01
TSPY26P	0.55	2.34E-01	1.00E+00	0.30	6.89E-01	9.57E-01
SUN2	0.16	4.33E-01	1.00E+00	-0.22	6.89E-01	9.57E-01
TOMM5	-0.10	8.94E-01	1.00E+00	0.30	6.89E-01	9.57E-01

SLF2	0.00	9.96E-01	1.00E+00	0.10	6.89E-01	9.57E-01
LRRC26	0.48	6.87E-01	1.00E+00	-0.41	6.89E-01	9.57E-01
TEKT4	-1.70	6.18E-01	1.00E+00	-0.38	6.89E-01	9.57E-01
TEC	0.20	7.50E-01	1.00E+00	0.20	6.89E-01	9.57E-01
TMEM187	-0.08	7.66E-01	1.00E+00	-0.10	6.89E-01	9.57E-01
HERPUD1	-0.20	3.06E-01	1.00E+00	-0.14	6.89E-01	9.57E-01
KLHL29	-0.39	2.40E-01	1.00E+00	0.20	6.89E-01	9.57E-01
C15orf53	-2.32	2.97E-01	1.00E+00	0.31	6.89E-01	9.57E-01
GPA33	0.41	7.14E-01	1.00E+00	-0.48	6.89E-01	9.57E-01
SMIM17	-0.25	9.10E-01	1.00E+00	-0.50	6.89E-01	9.57E-01
MT1XP1	-0.41	7.96E-01	1.00E+00	-0.24	6.89E-01	9.58E-01
AC000068.1	-0.56	4.34E-01	1.00E+00	-0.32	6.90E-01	9.58E-01
MAPKAPK3	-0.13	6.89E-01	1.00E+00	0.14	6.90E-01	9.58E-01
FEM1A	-0.13	7.66E-01	1.00E+00	0.19	6.90E-01	9.58E-01
SLC25A5	-0.38	4.44E-02	1.00E+00	0.11	6.90E-01	9.58E-01
TAGLN2P1	-2.32	2.41E-01	1.00E+00	0.34	6.90E-01	9.58E-01
STAU2-AS1	1.18	1.88E-01	1.00E+00	-0.39	6.90E-01	9.58E-01
ELMO1	-0.16	6.82E-01	1.00E+00	0.15	6.90E-01	9.58E-01
FBXO31	0.06	7.18E-01	1.00E+00	-0.22	6.90E-01	9.58E-01
YLPM1	-0.18	3.89E-01	1.00E+00	0.15	6.90E-01	9.58E-01
LINC01237	0.81	3.85E-01	1.00E+00	-0.42	6.90E-01	9.58E-01
PTPRT	-0.12	8.17E-01	1.00E+00	0.28	6.90E-01	9.58E-01
GJA3	-1.93	1.12E-02	6.54E-01	-0.48	6.90E-01	9.58E-01
APLNR	0.62	4.16E-01	1.00E+00	0.23	6.90E-01	9.58E-01
SURF6	0.04	8.73E-01	1.00E+00	0.12	6.90E-01	9.58E-01
C10orf55	-1.25	2.68E-01	1.00E+00	-0.32	6.90E-01	9.58E-01
TSPAN10	-0.13	7.15E-01	1.00E+00	0.17	6.90E-01	9.58E-01
DNPEP	-0.07	7.27E-01	1.00E+00	-0.16	6.90E-01	9.58E-01
AL359762.1	-0.54	4.95E-01	1.00E+00	0.23	6.90E-01	9.58E-01
WBP2	0.00	9.79E-01	1.00E+00	0.06	6.90E-01	9.58E-01
AC092354.2	-0.38	6.17E-01	1.00E+00	-0.24	6.90E-01	9.58E-01
MRO	0.79	3.62E-01	1.00E+00	0.49	6.90E-01	9.58E-01

AC100810.1	-0.13	6.96E-01	1.00E+00	-0.14	6.91E-01	9.58E-01
CNIH3	-0.16	6.95E-01	1.00E+00	0.15	6.91E-01	9.58E-01
IGKV1-6	1.34	4.83E-01	1.00E+00	1.27	6.91E-01	9.58E-01
CPNE9	-4.39	1.61E-05	4.93E-03	-0.36	6.91E-01	9.58E-01
TIMM44	-0.17	3.72E-01	1.00E+00	0.09	6.91E-01	9.58E-01
MINDY4	-2.02	1.61E-01	1.00E+00	-0.24	6.91E-01	9.58E-01
LINC00888	0.20	7.22E-01	1.00E+00	-0.16	6.91E-01	9.58E-01
RPL39L	0.08	7.89E-01	1.00E+00	0.10	6.91E-01	9.58E-01
LINC02188	-0.29	7.50E-01	1.00E+00	0.39	6.91E-01	9.58E-01
RYR2	-1.37	1.40E-02	7.46E-01	0.31	6.91E-01	9.58E-01
ADRB2	-1.09	3.09E-01	1.00E+00	0.23	6.91E-01	9.58E-01
STRN4	-0.26	3.20E-01	1.00E+00	0.20	6.91E-01	9.58E-01
GSTM4	-0.04	8.93E-01	1.00E+00	-0.09	6.91E-01	9.58E-01
AL049629.1	0.50	6.54E-01	1.00E+00	0.30	6.91E-01	9.58E-01
DST	-0.08	6.81E-01	1.00E+00	-0.13	6.91E-01	9.58E-01
CCAR1	-0.02	9.21E-01	1.00E+00	0.06	6.91E-01	9.58E-01
AMDHD1	-0.56	3.61E-01	1.00E+00	0.25	6.91E-01	9.58E-01
CNN1	-0.15	8.30E-01	1.00E+00	-0.18	6.91E-01	9.58E-01
AKAP8L	-0.25	3.07E-01	1.00E+00	-0.30	6.91E-01	9.58E-01
SFTA1P	2.32	2.78E-01	1.00E+00	-0.58	6.91E-01	9.58E-01
DHFR2	0.14	5.35E-01	1.00E+00	-0.15	6.91E-01	9.58E-01
AC018738.1	0.67	6.08E-01	1.00E+00	0.30	6.91E-01	9.58E-01
KRTAP4-6	-18.10	1.06E-07	4.38E-05	-1.27	6.91E-01	9.58E-01
ACCSL	-2.45	2.18E-01	1.00E+00	0.75	6.92E-01	9.58E-01
PHF13	-0.07	7.76E-01	1.00E+00	0.17	6.92E-01	9.58E-01
TRAPPC3	0.14	4.13E-01	1.00E+00	-0.11	6.92E-01	9.58E-01
LINC02570	-0.25	6.09E-01	1.00E+00	-0.30	6.92E-01	9.58E-01
SEPHS2	-0.17	2.68E-01	1.00E+00	-0.18	6.92E-01	9.58E-01
GLRA4	-2.26	1.99E-02	8.80E-01	0.40	6.92E-01	9.58E-01
AL353147.1	-0.50	5.51E-01	1.00E+00	-0.25	6.92E-01	9.58E-01
FASLG	-2.56	1.70E-01	1.00E+00	0.54	6.92E-01	9.58E-01
PRKAG2	0.16	5.28E-01	1.00E+00	-0.13	6.92E-01	9.58E-01

KRTAP10-3	-1.59	1.44E-01	1.00E+00	-1.27	6.92E-01	9.58E-01
PSMD4	0.04	8.03E-01	1.00E+00	-0.10	6.92E-01	9.58E-01
AC018413.1	-0.63	2.81E-01	1.00E+00	0.26	6.92E-01	9.58E-01
LSM10	-0.04	8.18E-01	1.00E+00	0.09	6.92E-01	9.58E-01
GRM7	-2.26	3.11E-01	1.00E+00	-0.48	6.92E-01	9.58E-01
C1orf53	-1.35	1.95E-02	8.74E-01	0.12	6.92E-01	9.58E-01
YAP1	0.12	5.46E-01	1.00E+00	0.18	6.92E-01	9.58E-01
IDUA	0.12	7.69E-01	1.00E+00	0.34	6.93E-01	9.58E-01
CASD1	0.31	3.03E-01	1.00E+00	-0.19	6.93E-01	9.58E-01
XLOC_010249	-3.89	1.58E-01	1.00E+00	0.61	6.93E-01	9.58E-01
NT5C3B	-0.32	2.44E-01	1.00E+00	-0.13	6.93E-01	9.58E-01
AP005205.2	NA	NA	NA	-0.44	6.93E-01	9.58E-01
THSD8	-3.28	7.52E-02	1.00E+00	-0.51	6.93E-01	9.58E-01
EDAR	-0.84	1.27E-01	1.00E+00	0.32	6.93E-01	9.58E-01
AP000873.2	-0.13	9.00E-01	1.00E+00	0.20	6.93E-01	9.58E-01
AC006262.2	0.31	5.44E-01	1.00E+00	-0.31	6.93E-01	9.58E-01
KCNK5	-0.17	8.05E-01	1.00E+00	-1.06	6.93E-01	9.58E-01
HARS2	0.13	4.92E-01	1.00E+00	-0.08	6.93E-01	9.58E-01
SAP30L	0.39	1.61E-01	1.00E+00	0.16	6.93E-01	9.58E-01
PRDX1	0.08	5.49E-01	1.00E+00	0.06	6.93E-01	9.58E-01
AADACP1	2.10	2.80E-02	9.75E-01	0.46	6.93E-01	9.58E-01
PPP2R2B	-0.32	5.27E-01	1.00E+00	0.14	6.93E-01	9.58E-01
AC005077.4	-1.06	4.59E-02	1.00E+00	0.57	6.93E-01	9.58E-01
UTP11	-0.01	9.76E-01	1.00E+00	-0.11	6.93E-01	9.58E-01
WDR88	-2.36	1.04E-03	1.67E-01	-0.27	6.93E-01	9.58E-01
PTGES3P2	3.08	8.13E-02	1.00E+00	0.54	6.93E-01	9.58E-01
LINC00853	1.08	2.60E-01	1.00E+00	0.28	6.93E-01	9.58E-01
G27536	4.40	6.77E-03	4.99E-01	-0.40	6.93E-01	9.58E-01
GPR55	-2.13	1.03E-01	1.00E+00	0.56	6.93E-01	9.58E-01
USP46-AS1	-0.54	1.08E-01	1.00E+00	-0.30	6.94E-01	9.58E-01
LINC02004	-1.44	4.73E-01	1.00E+00	-0.34	6.94E-01	9.58E-01
CACTIN	-0.32	1.60E-01	1.00E+00	0.28	6.94E-01	9.58E-01

RDH12	0.24	6.66E-01	1.00E+00	0.24	6.94E-01	9.58E-01
THUMPD3-AS1	-0.16	5.20E-01	1.00E+00	-0.13	6.94E-01	9.58E-01
CABYR	-0.47	3.66E-01	1.00E+00	-0.15	6.94E-01	9.58E-01
CX3CL1	-0.57	2.08E-01	1.00E+00	0.27	6.94E-01	9.58E-01
PBX4	-0.21	7.07E-01	1.00E+00	-0.26	6.94E-01	9.58E-01
NUDT9	0.08	6.78E-01	1.00E+00	0.10	6.94E-01	9.58E-01
TMSB4XP4	-0.48	3.11E-01	1.00E+00	0.29	6.94E-01	9.58E-01
CYP4V2	0.09	8.30E-01	1.00E+00	-0.17	6.94E-01	9.58E-01
AP004609.3	0.20	6.93E-01	1.00E+00	-0.13	6.94E-01	9.58E-01
AC027117.2	-1.87	1.59E-01	1.00E+00	0.31	6.94E-01	9.58E-01
KCTD9	0.26	3.00E-01	1.00E+00	-0.09	6.94E-01	9.58E-01
CXCL14	0.21	4.94E-01	1.00E+00	-0.18	6.94E-01	9.58E-01
RPL23AP25	-0.89	5.03E-01	1.00E+00	-0.29	6.94E-01	9.58E-01
RBP2	1.03	4.94E-01	1.00E+00	0.57	6.94E-01	9.58E-01
AC008982.2	1.00	5.15E-01	1.00E+00	-0.25	6.94E-01	9.58E-01
XLOC_005592	0.20	7.39E-01	1.00E+00	0.31	6.94E-01	9.58E-01
AC010343.1	-1.15	2.14E-01	1.00E+00	0.39	6.94E-01	9.58E-01
BAALC-AS2	-0.52	7.83E-01	1.00E+00	-0.31	6.94E-01	9.58E-01
ITPK1	0.07	8.52E-01	1.00E+00	0.26	6.94E-01	9.58E-01
HERC2P3	-0.70	4.01E-01	1.00E+00	-0.28	6.94E-01	9.58E-01
C1QTNF4	0.12	8.10E-01	1.00E+00	0.33	6.94E-01	9.58E-01
ENTR1	-0.21	2.95E-01	1.00E+00	0.20	6.94E-01	9.58E-01
COQ4	-0.21	4.87E-01	1.00E+00	-0.08	6.94E-01	9.58E-01
RPS18P9	-0.72	4.99E-03	4.14E-01	0.13	6.95E-01	9.58E-01
ZNF473	0.23	5.20E-01	1.00E+00	-0.13	6.95E-01	9.58E-01
ZMIZ1-AS1	-0.31	4.95E-01	1.00E+00	0.19	6.95E-01	9.58E-01
SWSAP1	-0.60	7.86E-02	1.00E+00	-0.13	6.95E-01	9.58E-01
GPR108	-0.19	2.26E-01	1.00E+00	-0.07	6.95E-01	9.58E-01
LINC00240	-0.32	6.98E-01	1.00E+00	-0.28	6.95E-01	9.58E-01
AC090543.2	1.08	4.48E-01	1.00E+00	-0.25	6.95E-01	9.58E-01
POLR1C	0.07	7.50E-01	1.00E+00	-0.14	6.95E-01	9.58E-01
DAGLA	0.12	8.32E-01	1.00E+00	-1.23	6.95E-01	9.58E-01

AL356512.1	-3.21	6.08E-02	1.00E+00	-0.32	6.95E-01	9.58E-01
AC007216.3	-1.48	3.24E-01	1.00E+00	0.36	6.95E-01	9.58E-01
AC022509.3	-0.73	2.99E-01	1.00E+00	-0.20	6.95E-01	9.58E-01
ULK4	0.39	3.69E-01	1.00E+00	-0.16	6.95E-01	9.58E-01
B3GALT5	-0.76	2.39E-01	1.00E+00	-0.33	6.95E-01	9.58E-01
LINC01197	-0.35	4.84E-01	1.00E+00	0.23	6.95E-01	9.58E-01
LRP5L	0.09	9.23E-01	1.00E+00	0.40	6.95E-01	9.58E-01
VPREB3	2.74	2.27E-02	9.05E-01	-0.43	6.95E-01	9.58E-01
RPL7P50	-1.10	7.53E-01	1.00E+00	0.47	6.95E-01	9.58E-01
PCNPP1	-1.60	6.41E-01	1.00E+00	-0.29	6.95E-01	9.58E-01
G41367	2.07	1.42E-03	2.07E-01	0.41	6.95E-01	9.58E-01
USP20	0.01	9.70E-01	1.00E+00	0.18	6.95E-01	9.58E-01
SH2D1B	0.42	7.85E-01	1.00E+00	0.46	6.95E-01	9.58E-01
AL080243.2	-0.32	7.92E-01	1.00E+00	0.20	6.95E-01	9.58E-01
AC135584.1	0.35	7.59E-01	1.00E+00	-0.41	6.95E-01	9.58E-01
AFDN	0.11	6.51E-01	1.00E+00	0.15	6.95E-01	9.58E-01
SOAT1	0.29	4.65E-01	1.00E+00	-0.22	6.95E-01	9.58E-01
PPP1R26P1	-1.41	2.12E-01	1.00E+00	-0.43	6.95E-01	9.58E-01
GNAI3	0.04	9.14E-01	1.00E+00	-0.11	6.95E-01	9.58E-01
MTRF1	-0.07	8.39E-01	1.00E+00	0.09	6.95E-01	9.58E-01
MTDH	0.08	6.41E-01	1.00E+00	-0.09	6.95E-01	9.58E-01
LRRC36	-0.24	8.29E-01	1.00E+00	-0.41	6.96E-01	9.58E-01
XLOC_002192	0.88	5.45E-01	1.00E+00	-0.29	6.96E-01	9.58E-01
IL13RA2	0.15	8.73E-01	1.00E+00	-0.41	6.96E-01	9.58E-01
C9	-0.95	6.36E-01	1.00E+00	0.44	6.96E-01	9.58E-01
AC091153.3	0.15	9.62E-01	1.00E+00	-0.40	6.96E-01	9.58E-01
AC106900.2	-0.08	9.58E-01	1.00E+00	0.36	6.96E-01	9.58E-01
FILIP1	0.21	7.40E-01	1.00E+00	-0.20	6.96E-01	9.58E-01
DHX9	-0.06	7.09E-01	1.00E+00	0.11	6.96E-01	9.58E-01
AC084082.1	3.06	2.73E-01	1.00E+00	0.69	6.96E-01	9.58E-01
AC006064.5	0.31	8.66E-01	1.00E+00	0.39	6.96E-01	9.58E-01
AC092376.2	0.16	7.74E-01	1.00E+00	0.27	6.96E-01	9.58E-01

C12orf29	0.07	8.61E-01	1.00E+00	-0.18	6.96E-01	9.58E-01
FDPS	-0.14	7.04E-01	1.00E+00	-0.15	6.96E-01	9.58E-01
MEN1	-0.26	1.55E-01	1.00E+00	-0.26	6.96E-01	9.58E-01
GALNT11	0.09	6.88E-01	1.00E+00	-0.09	6.96E-01	9.58E-01
CDK13	-0.20	2.71E-01	1.00E+00	0.15	6.96E-01	9.58E-01
AC079807.1	-0.09	7.82E-01	1.00E+00	0.26	6.96E-01	9.58E-01
PSMC5	-0.08	7.00E-01	1.00E+00	-0.08	6.96E-01	9.58E-01
NTRK3	-0.69	2.22E-01	1.00E+00	-0.24	6.96E-01	9.58E-01
LINC01990	-0.52	7.03E-01	1.00E+00	0.36	6.96E-01	9.58E-01
TBCB	-0.15	3.62E-01	1.00E+00	0.08	6.96E-01	9.58E-01
AL513303.1	-0.40	3.95E-01	1.00E+00	-0.30	6.96E-01	9.58E-01
AC007423.1	0.48	8.87E-01	1.00E+00	0.55	6.97E-01	9.58E-01
RPS11P5	-0.67	4.17E-01	1.00E+00	0.36	6.97E-01	9.58E-01
ICE1	-0.09	6.01E-01	1.00E+00	0.15	6.97E-01	9.58E-01
GIN52	-0.81	5.75E-03	4.50E-01	-0.15	6.97E-01	9.58E-01
AC245297.2	0.25	6.58E-01	1.00E+00	0.29	6.97E-01	9.58E-01
AL445483.1	-0.66	5.28E-01	1.00E+00	0.39	6.97E-01	9.58E-01
AL513523.1	-1.11	7.45E-01	1.00E+00	0.52	6.97E-01	9.58E-01
SLC38A11	0.62	2.93E-01	1.00E+00	0.43	6.97E-01	9.58E-01
CPSF1	-0.24	2.16E-01	1.00E+00	0.17	6.97E-01	9.58E-01
ARL4AP2	1.46	6.71E-01	1.00E+00	-0.25	6.97E-01	9.58E-01
HSBP1L1	0.03	9.38E-01	1.00E+00	-0.16	6.97E-01	9.58E-01
HIST2H2AA3	-2.94	8.14E-03	5.56E-01	0.21	6.97E-01	9.58E-01
TGFBR2	0.27	4.90E-01	1.00E+00	0.24	6.97E-01	9.58E-01
TNRC6B	0.01	9.68E-01	1.00E+00	0.14	6.97E-01	9.58E-01
AQP7P1	1.73	6.05E-01	1.00E+00	-0.95	6.97E-01	9.58E-01
AC087500.1	0.60	7.24E-01	1.00E+00	-0.19	6.97E-01	9.58E-01
RPS2P32	1.19	1.15E-01	1.00E+00	-0.29	6.97E-01	9.58E-01
CTR9	0.11	4.83E-01	1.00E+00	0.08	6.97E-01	9.58E-01
PTCD1	-0.54	3.09E-01	1.00E+00	0.15	6.97E-01	9.58E-01
KPTN	-0.31	3.51E-01	1.00E+00	0.16	6.97E-01	9.58E-01
FAM86B1	0.40	5.17E-01	1.00E+00	-0.18	6.97E-01	9.58E-01

ANKRD30A	2.52	2.74E-01	1.00E+00	-1.24	6.97E-01	9.58E-01
MT4	0.42	8.97E-01	1.00E+00	-0.44	6.97E-01	9.58E-01
LLPH	-0.14	5.56E-01	1.00E+00	-0.12	6.97E-01	9.58E-01
AP1G2	-0.10	7.80E-01	1.00E+00	0.12	6.97E-01	9.58E-01
TPSG1	-0.61	4.65E-01	1.00E+00	0.36	6.97E-01	9.58E-01
CACNB2	-0.78	1.24E-01	1.00E+00	-0.21	6.97E-01	9.58E-01
FBXL2	0.28	5.98E-01	1.00E+00	0.25	6.97E-01	9.58E-01
FAM218A	0.71	3.10E-01	1.00E+00	0.28	6.97E-01	9.58E-01
XLOC_012849	-0.42	7.11E-01	1.00E+00	-0.40	6.98E-01	9.58E-01
TACC1	0.44	2.17E-01	1.00E+00	0.15	6.98E-01	9.58E-01
TIGD6	-0.08	8.17E-01	1.00E+00	0.07	6.98E-01	9.58E-01
ZC3H3	-0.39	1.40E-01	1.00E+00	0.18	6.98E-01	9.58E-01
SCAP	-0.09	5.71E-01	1.00E+00	-0.19	6.98E-01	9.58E-01
IFNGR2	-0.03	8.86E-01	1.00E+00	-0.09	6.98E-01	9.58E-01
VEZF1	0.10	6.23E-01	1.00E+00	0.08	6.98E-01	9.58E-01
AL358334.2	0.34	9.14E-01	1.00E+00	0.70	6.98E-01	9.58E-01
DAZL	-3.36	3.21E-01	1.00E+00	1.24	6.98E-01	9.58E-01
PCDHAC2	-0.59	2.85E-01	1.00E+00	-0.54	6.98E-01	9.58E-01
KLHL30-AS1	-1.72	1.65E-01	1.00E+00	0.51	6.98E-01	9.58E-01
SRRM1	-0.13	6.03E-01	1.00E+00	-0.11	6.98E-01	9.58E-01
AL928921.1	1.67	5.91E-01	1.00E+00	-1.24	6.98E-01	9.58E-01
TFAP2E	-0.31	4.91E-01	1.00E+00	-0.32	6.98E-01	9.58E-01
ANKRD40	0.31	3.32E-01	1.00E+00	0.15	6.98E-01	9.58E-01
AC015802.4	-1.14	7.33E-01	1.00E+00	-0.40	6.98E-01	9.58E-01
G10801	-0.54	7.63E-01	1.00E+00	1.22	6.98E-01	9.58E-01
FIS1	0.06	6.84E-01	1.00E+00	0.04	6.98E-01	9.58E-01
TOX2	-0.12	7.77E-01	1.00E+00	0.27	6.98E-01	9.58E-01
SCAMP1-AS1	0.00	9.99E-01	1.00E+00	0.11	6.98E-01	9.58E-01
FAAH2	-0.24	4.53E-01	1.00E+00	-0.22	6.98E-01	9.58E-01
AL355312.1	-0.17	8.87E-01	1.00E+00	-0.45	6.98E-01	9.58E-01
MED12	0.00	9.86E-01	1.00E+00	0.20	6.98E-01	9.58E-01
MXD4	0.02	9.53E-01	1.00E+00	0.18	6.98E-01	9.58E-01

AL031284.1	-0.08	9.82E-01	1.00E+00	-0.27	6.98E-01	9.58E-01
RPL23AP49	0.29	8.69E-01	1.00E+00	-0.34	6.98E-01	9.58E-01
AC134312.4	-0.06	9.45E-01	1.00E+00	0.41	6.99E-01	9.58E-01
EFTUD2	-0.02	9.14E-01	1.00E+00	0.10	6.99E-01	9.59E-01
FO393411.1	-0.88	7.97E-01	1.00E+00	-0.27	6.99E-01	9.59E-01
LIPG	-0.46	5.90E-01	1.00E+00	0.38	6.99E-01	9.59E-01
AC114939.1	0.42	9.02E-01	1.00E+00	-0.59	6.99E-01	9.59E-01
AC008608.2	-0.23	7.94E-01	1.00E+00	-0.21	6.99E-01	9.59E-01
RPS29	-0.19	5.42E-01	1.00E+00	-0.15	6.99E-01	9.59E-01
LTV1	0.09	7.22E-01	1.00E+00	-0.11	6.99E-01	9.59E-01
AC109454.4	0.31	8.24E-01	1.00E+00	-0.44	6.99E-01	9.59E-01
TSSK4	-0.08	9.21E-01	1.00E+00	0.40	6.99E-01	9.59E-01
PTCHD3	-0.19	8.76E-01	1.00E+00	-0.45	6.99E-01	9.59E-01
RGPD2	-1.31	5.21E-01	1.00E+00	-0.36	6.99E-01	9.59E-01
AC010422.3	NA	NA	NA	0.47	6.99E-01	9.59E-01
NXNL2	-0.04	9.72E-01	1.00E+00	0.25	6.99E-01	9.59E-01
FAM208A	-0.06	7.72E-01	1.00E+00	0.11	6.99E-01	9.59E-01
PAK3	0.46	2.94E-01	1.00E+00	-0.17	6.99E-01	9.59E-01
KLHL7-DT	-0.55	6.71E-01	1.00E+00	-0.38	6.99E-01	9.59E-01
G32279	0.08	9.52E-01	1.00E+00	0.43	7.00E-01	9.59E-01
NAPRT	0.02	9.66E-01	1.00E+00	0.12	7.00E-01	9.59E-01
BOD1	0.04	8.11E-01	1.00E+00	-0.22	7.00E-01	9.59E-01
TEX14	-0.25	7.86E-01	1.00E+00	0.31	7.00E-01	9.59E-01
C1QL3	-0.97	7.15E-02	1.00E+00	-0.21	7.00E-01	9.59E-01
TPR	-0.27	8.70E-02	1.00E+00	0.09	7.00E-01	9.59E-01
G31554	-0.98	3.49E-01	1.00E+00	-0.27	7.00E-01	9.59E-01
AL137025.1	0.34	7.45E-01	1.00E+00	0.41	7.00E-01	9.59E-01
XLOC_000585	1.73	2.36E-01	1.00E+00	0.60	7.00E-01	9.59E-01
LINC01124	0.62	4.48E-01	1.00E+00	-0.35	7.00E-01	9.59E-01
RFX7	-0.15	6.19E-01	1.00E+00	0.17	7.00E-01	9.59E-01
RPL23A	-0.23	4.05E-01	1.00E+00	0.21	7.00E-01	9.59E-01
RPL31	-0.06	8.58E-01	1.00E+00	0.10	7.00E-01	9.59E-01

TOMM20P4	0.17	9.60E-01	1.00E+00	-0.25	7.00E-01	9.59E-01
HACE1	0.07	7.54E-01	1.00E+00	-0.14	7.00E-01	9.59E-01
IK	-0.01	9.60E-01	1.00E+00	-0.08	7.00E-01	9.59E-01
ADSSL1	-0.10	7.32E-01	1.00E+00	-0.27	7.00E-01	9.59E-01
FAM167A	-0.04	9.27E-01	1.00E+00	-0.22	7.00E-01	9.59E-01
PPP2R5B	0.02	9.45E-01	1.00E+00	-0.20	7.00E-01	9.59E-01
CHRNA2	0.69	7.29E-01	1.00E+00	-0.55	7.00E-01	9.59E-01
ARRDC4	0.33	1.57E-01	1.00E+00	0.14	7.00E-01	9.59E-01
KRTAP9-4	-18.47	4.07E-08	1.76E-05	-1.23	7.01E-01	9.59E-01
PROCA1	-0.35	6.18E-01	1.00E+00	0.23	7.01E-01	9.59E-01
LINC00839	-0.74	1.51E-01	1.00E+00	0.32	7.01E-01	9.59E-01
UCK2	0.27	3.99E-01	1.00E+00	0.09	7.01E-01	9.59E-01
CREB5	0.25	5.67E-01	1.00E+00	0.18	7.01E-01	9.59E-01
AC116036.2	1.20	3.59E-01	1.00E+00	-0.34	7.01E-01	9.59E-01
RPL14P1	-0.38	2.48E-01	1.00E+00	-0.23	7.01E-01	9.59E-01
GCHFR	-0.89	3.63E-01	1.00E+00	-0.30	7.01E-01	9.59E-01
AC116407.3	-4.65	1.99E-03	2.39E-01	-0.37	7.01E-01	9.59E-01
BDNF-AS	-0.06	9.05E-01	1.00E+00	-0.21	7.01E-01	9.59E-01
SHARPIN	-0.09	7.03E-01	1.00E+00	-0.08	7.01E-01	9.59E-01
AC074194.2	-3.19	4.05E-02	1.00E+00	-0.37	7.01E-01	9.59E-01
AC004057.1	0.59	5.88E-02	1.00E+00	0.22	7.01E-01	9.59E-01
ZNF219	-0.14	5.92E-01	1.00E+00	0.27	7.01E-01	9.60E-01
ACTN1	-0.28	4.79E-01	1.00E+00	0.17	7.01E-01	9.60E-01
AL449212.1	-0.12	8.86E-01	1.00E+00	-0.30	7.01E-01	9.60E-01
AC074135.1	0.76	7.93E-01	1.00E+00	-0.42	7.01E-01	9.60E-01
SKP2	0.26	2.67E-01	1.00E+00	-0.10	7.02E-01	9.60E-01
UMPS	0.04	8.60E-01	1.00E+00	-0.10	7.02E-01	9.60E-01
AIDA	0.22	3.34E-01	1.00E+00	0.18	7.02E-01	9.60E-01
MIR2117HG	5.14	5.95E-02	1.00E+00	0.53	7.02E-01	9.60E-01
RPL9	-0.01	9.73E-01	1.00E+00	-0.10	7.02E-01	9.60E-01
AC026740.1	-0.34	5.11E-01	1.00E+00	0.36	7.02E-01	9.60E-01
TRPC2	0.03	9.79E-01	1.00E+00	0.30	7.02E-01	9.60E-01

AC135279.2	0.56	8.71E-01	1.00E+00	0.34	7.02E-01	9.60E-01
PSEN1	0.35	8.75E-02	1.00E+00	-0.05	7.02E-01	9.60E-01
PCDHGA3	-0.35	6.13E-01	1.00E+00	-0.31	7.02E-01	9.60E-01
LRP1B	0.88	3.45E-01	1.00E+00	-0.38	7.02E-01	9.60E-01
AL391988.1	0.91	1.83E-01	1.00E+00	-0.30	7.02E-01	9.60E-01
OPCML	-1.61	1.00E-01	1.00E+00	-0.41	7.02E-01	9.60E-01
SULT2B1	0.17	7.26E-01	1.00E+00	0.21	7.02E-01	9.60E-01
PLAGL2	-0.27	4.36E-01	1.00E+00	0.21	7.02E-01	9.60E-01
ECSCR	0.04	9.31E-01	1.00E+00	0.16	7.02E-01	9.60E-01
KRTAP3-2	-19.52	8.03E-09	3.92E-06	-1.23	7.02E-01	9.60E-01
EEF1A1P10	-1.46	6.72E-01	1.00E+00	-0.29	7.02E-01	9.60E-01
HPGDS	0.48	2.38E-01	1.00E+00	-0.20	7.02E-01	9.60E-01
AC127526.2	0.01	9.97E-01	1.00E+00	0.46	7.02E-01	9.60E-01
LINC00330	0.02	9.87E-01	1.00E+00	0.68	7.02E-01	9.60E-01
DNAL4	0.15	2.91E-01	1.00E+00	0.07	7.02E-01	9.60E-01
FZD3	-0.17	5.18E-01	1.00E+00	-0.16	7.02E-01	9.60E-01
ITGA6	-0.09	7.14E-01	1.00E+00	0.12	7.02E-01	9.60E-01
AC084262.2	1.57	4.26E-01	1.00E+00	-0.63	7.02E-01	9.60E-01
VPS52	-0.27	2.14E-01	1.00E+00	0.08	7.03E-01	9.60E-01
MTTP	-2.22	1.57E-01	1.00E+00	-0.31	7.03E-01	9.60E-01
GTF2H2B	-0.10	8.89E-01	1.00E+00	0.24	7.03E-01	9.60E-01
KRTAP24-1	-5.21	1.13E-01	1.00E+00	-1.22	7.03E-01	9.60E-01
UTP15	-0.04	8.78E-01	1.00E+00	0.08	7.03E-01	9.60E-01
CCDC43	0.19	4.11E-01	1.00E+00	-0.10	7.03E-01	9.60E-01
RNF182	-0.19	7.56E-01	1.00E+00	0.33	7.03E-01	9.60E-01
AC010538.1	-0.11	9.02E-01	1.00E+00	-0.29	7.03E-01	9.60E-01
AC104113.1	0.24	8.43E-01	1.00E+00	-0.26	7.03E-01	9.60E-01
KIF25	0.63	5.75E-01	1.00E+00	-0.40	7.03E-01	9.60E-01
NANOS1	1.90	7.18E-03	5.13E-01	-0.28	7.03E-01	9.60E-01
TBCK	-0.10	8.26E-01	1.00E+00	-0.14	7.03E-01	9.60E-01
NCAPG2	-0.10	6.96E-01	1.00E+00	-0.11	7.03E-01	9.60E-01
XLOC_000403	-0.94	3.10E-01	1.00E+00	0.28	7.03E-01	9.60E-01

G25631	0.28	7.01E-01	1.00E+00	-0.38	7.03E-01	9.60E-01
WWC3	0.12	4.24E-01	1.00E+00	0.13	7.03E-01	9.60E-01
XLOC_005361	-2.92	5.28E-02	1.00E+00	-0.24	7.03E-01	9.60E-01
MORF4L2	0.08	6.67E-01	1.00E+00	-0.06	7.03E-01	9.60E-01
TESK1	-0.22	3.21E-01	1.00E+00	0.24	7.03E-01	9.60E-01
LINC02237	2.16	4.72E-01	1.00E+00	-0.50	7.03E-01	9.60E-01
AC087623.2	-1.27	8.51E-02	1.00E+00	-0.23	7.03E-01	9.60E-01
PRMT9	0.03	8.75E-01	1.00E+00	0.10	7.04E-01	9.60E-01
JPH3	-1.55	1.02E-01	1.00E+00	0.57	7.04E-01	9.60E-01
ALDH1A3	0.49	4.32E-01	1.00E+00	0.19	7.04E-01	9.60E-01
SOST	3.62	3.21E-02	1.00E+00	0.42	7.04E-01	9.60E-01
TMTC1	0.34	4.88E-01	1.00E+00	0.24	7.04E-01	9.60E-01
ZNF585B	0.30	4.61E-01	1.00E+00	0.16	7.04E-01	9.60E-01
SYTL1	-0.10	8.00E-01	1.00E+00	-0.20	7.04E-01	9.60E-01
AIMP2	-0.34	2.11E-01	1.00E+00	0.11	7.04E-01	9.60E-01
RSBN1L	0.09	6.61E-01	1.00E+00	0.09	7.04E-01	9.60E-01
FCER1A	-0.44	3.70E-01	1.00E+00	0.23	7.04E-01	9.60E-01
HMGB3P24	0.59	7.40E-01	1.00E+00	0.50	7.04E-01	9.60E-01
ARF6	-0.06	8.56E-01	1.00E+00	-0.09	7.04E-01	9.60E-01
SBK1	-0.83	3.19E-02	1.00E+00	-0.30	7.04E-01	9.60E-01
AC093752.2	2.55	4.51E-01	1.00E+00	-0.79	7.04E-01	9.60E-01
PCDHGB6	-0.26	4.17E-01	1.00E+00	-0.14	7.04E-01	9.60E-01
UBE2V1	0.10	9.13E-01	1.00E+00	0.18	7.04E-01	9.60E-01
BX539320.1	0.01	9.91E-01	1.00E+00	0.47	7.04E-01	9.60E-01
OSBP2	-0.80	2.51E-02	9.28E-01	0.23	7.04E-01	9.60E-01
EMSY	0.04	8.95E-01	1.00E+00	0.16	7.05E-01	9.60E-01
LINC02242	1.67	4.21E-01	1.00E+00	0.38	7.05E-01	9.60E-01
NT5C1B	-3.21	3.57E-02	1.00E+00	-0.49	7.05E-01	9.60E-01
SSSCA1	-0.24	3.10E-01	1.00E+00	0.10	7.05E-01	9.60E-01
AC009107.2	-2.09	2.62E-01	1.00E+00	0.37	7.05E-01	9.60E-01
DPP10	-1.57	6.65E-02	1.00E+00	-0.49	7.05E-01	9.60E-01
LRRTM2	-1.32	8.50E-02	1.00E+00	-0.25	7.05E-01	9.60E-01

AL355472.2	NA	NA	NA	-0.34	7.05E-01	9.60E-01
RELL1	-0.24	2.56E-01	1.00E+00	-0.16	7.05E-01	9.60E-01
AL137779.2	0.05	9.06E-01	1.00E+00	-0.16	7.05E-01	9.60E-01
FZR1	-0.23	3.57E-01	1.00E+00	0.20	7.05E-01	9.60E-01
AP000251.1	-1.54	1.98E-01	1.00E+00	0.54	7.05E-01	9.60E-01
MEIS1	0.38	2.91E-01	1.00E+00	0.14	7.05E-01	9.60E-01
SNRPB2	0.12	5.10E-01	1.00E+00	0.05	7.05E-01	9.60E-01
CHST10	0.30	4.90E-01	1.00E+00	0.28	7.05E-01	9.60E-01
SLC15A1	-0.13	8.22E-01	1.00E+00	0.20	7.05E-01	9.60E-01
SRA1	-0.27	2.79E-01	1.00E+00	0.10	7.05E-01	9.61E-01
SELENOKP1	0.68	8.42E-01	1.00E+00	-0.27	7.05E-01	9.61E-01
PMM1	0.26	2.60E-01	1.00E+00	-0.08	7.05E-01	9.61E-01
SNHG21	-2.50	8.39E-02	1.00E+00	-0.27	7.06E-01	9.61E-01
AC084064.1	-0.71	6.99E-01	1.00E+00	-0.44	7.06E-01	9.61E-01
RNF217	-0.26	3.42E-01	1.00E+00	0.10	7.06E-01	9.61E-01
RPL21	-0.11	7.25E-01	1.00E+00	-0.12	7.06E-01	9.61E-01
AC016957.2	-1.30	8.63E-02	1.00E+00	-0.23	7.06E-01	9.61E-01
UBE2W	0.24	4.59E-01	1.00E+00	-0.11	7.06E-01	9.61E-01
CGA	-5.23	1.18E-01	1.00E+00	-1.21	7.06E-01	9.61E-01
FKBP1AP1	-0.68	8.44E-01	1.00E+00	-0.45	7.06E-01	9.61E-01
SEMA4A	-0.33	3.07E-01	1.00E+00	0.20	7.06E-01	9.61E-01
CHST9	0.38	7.04E-01	1.00E+00	0.35	7.06E-01	9.61E-01
AC005912.1	0.10	7.90E-01	1.00E+00	0.27	7.06E-01	9.61E-01
HYMAI	0.71	6.66E-01	1.00E+00	-0.41	7.06E-01	9.61E-01
IFI30	1.63	3.59E-01	1.00E+00	0.31	7.06E-01	9.61E-01
GLRB	0.53	4.46E-01	1.00E+00	-0.24	7.06E-01	9.61E-01
SMURF2	0.40	5.85E-02	1.00E+00	0.08	7.06E-01	9.61E-01
CA11	-0.32	2.88E-01	1.00E+00	0.12	7.06E-01	9.61E-01
CCDC24	-0.01	9.85E-01	1.00E+00	0.12	7.06E-01	9.61E-01
ARSK	0.10	7.38E-01	1.00E+00	0.12	7.06E-01	9.61E-01
RPL7P13	0.90	7.96E-01	1.00E+00	0.41	7.06E-01	9.61E-01
SAXO1	-0.52	6.17E-01	1.00E+00	-0.30	7.06E-01	9.61E-01

AC107294.2	0.93	4.60E-01	1.00E+00	-0.30	7.06E-01	9.61E-01
TTC16	0.21	9.32E-01	1.00E+00	0.54	7.07E-01	9.61E-01
CAPN9	-1.03	2.61E-01	1.00E+00	0.35	7.07E-01	9.61E-01
AC122129.1	0.72	3.39E-01	1.00E+00	-0.27	7.07E-01	9.61E-01
RGPD5	-0.72	2.59E-01	1.00E+00	-0.17	7.07E-01	9.61E-01
EXOG	0.36	4.84E-01	1.00E+00	-0.11	7.07E-01	9.61E-01
PDK4	1.20	6.06E-02	1.00E+00	-0.25	7.07E-01	9.61E-01
AL358472.3	-0.34	7.62E-01	1.00E+00	-0.53	7.07E-01	9.61E-01
KRTAP10-4	-11.50	8.60E-04	1.48E-01	-1.21	7.07E-01	9.61E-01
AC002550.2	1.15	3.49E-01	1.00E+00	-0.42	7.07E-01	9.61E-01
AL161909.1	-1.05	6.77E-01	1.00E+00	0.30	7.07E-01	9.61E-01
RGS6	0.20	7.23E-01	1.00E+00	-0.32	7.07E-01	9.61E-01
KCNJ2-AS1	-0.14	8.03E-01	1.00E+00	-0.22	7.07E-01	9.61E-01
IP6K1	-0.09	5.34E-01	1.00E+00	0.16	7.07E-01	9.61E-01
SHPK	0.04	8.86E-01	1.00E+00	0.08	7.07E-01	9.61E-01
RNF138P1	0.85	8.06E-01	1.00E+00	0.49	7.07E-01	9.61E-01
MBD4	0.01	9.48E-01	1.00E+00	-0.09	7.07E-01	9.61E-01
TTC7A	-0.22	4.58E-01	1.00E+00	0.20	7.07E-01	9.61E-01
AL136295.6	1.11	1.98E-01	1.00E+00	0.26	7.07E-01	9.61E-01
FOXN2	0.05	8.62E-01	1.00E+00	0.07	7.07E-01	9.61E-01
ZNF7	0.13	5.94E-01	1.00E+00	-0.08	7.07E-01	9.61E-01
RPL37	-0.14	6.53E-01	1.00E+00	0.10	7.07E-01	9.61E-01
S100A6	-0.01	9.82E-01	1.00E+00	0.11	7.08E-01	9.61E-01
RFK	0.13	7.38E-01	1.00E+00	-0.10	7.08E-01	9.61E-01
ENTPD2	-0.69	1.33E-02	7.22E-01	0.24	7.08E-01	9.61E-01
HS6ST1P1	-0.27	7.29E-01	1.00E+00	-0.38	7.08E-01	9.61E-01
AC093462.1	-0.05	9.72E-01	1.00E+00	0.43	7.08E-01	9.61E-01
SIGLEC12	-2.25	2.91E-01	1.00E+00	1.19	7.08E-01	9.61E-01
TP53RK	0.14	5.93E-01	1.00E+00	0.10	7.08E-01	9.61E-01
TRAF3IP1	-0.13	5.84E-01	1.00E+00	-0.13	7.08E-01	9.61E-01
F5	0.70	3.39E-01	1.00E+00	-0.28	7.08E-01	9.61E-01
LRMP	-0.10	8.43E-01	1.00E+00	-0.14	7.08E-01	9.61E-01

EN2	0.16	8.50E-01	1.00E+00	-0.48	7.08E-01	9.61E-01
WDR20	-0.04	8.38E-01	1.00E+00	0.08	7.08E-01	9.61E-01
AF131215.6	0.51	4.66E-01	1.00E+00	-0.26	7.08E-01	9.61E-01
XLOC_007925	-2.26	7.30E-02	1.00E+00	-0.33	7.08E-01	9.61E-01
TRAIP	-0.20	3.60E-01	1.00E+00	-0.12	7.08E-01	9.61E-01
GYPE	0.75	1.83E-01	1.00E+00	0.41	7.08E-01	9.61E-01
COMTD1	-0.59	8.72E-02	1.00E+00	-0.12	7.08E-01	9.61E-01
XLOC_005724	-0.06	9.38E-01	1.00E+00	-0.24	7.08E-01	9.61E-01
AC243562.2	0.48	7.15E-01	1.00E+00	0.48	7.08E-01	9.61E-01
MATN1	0.43	8.10E-01	1.00E+00	-0.53	7.08E-01	9.61E-01
ODC1	0.01	9.70E-01	1.00E+00	0.22	7.08E-01	9.61E-01
PHPT1	-0.13	5.71E-01	1.00E+00	0.12	7.08E-01	9.61E-01
PLOD2	0.93	1.83E-01	1.00E+00	-0.20	7.08E-01	9.61E-01
XLOC_005026	-1.71	6.18E-01	1.00E+00	-0.37	7.08E-01	9.61E-01
ULBP1	-2.32	4.15E-02	1.00E+00	0.45	7.08E-01	9.61E-01
MGAT5B	-1.25	3.61E-02	1.00E+00	0.42	7.08E-01	9.61E-01
S1PR4	0.00	9.97E-01	1.00E+00	1.17	7.09E-01	9.61E-01
DHDH	-0.58	5.03E-01	1.00E+00	-0.29	7.09E-01	9.61E-01
AL008721.2	0.10	9.24E-01	1.00E+00	-0.37	7.09E-01	9.61E-01
C10orf95	0.25	8.34E-01	1.00E+00	-0.30	7.09E-01	9.61E-01
AL139099.4	0.27	4.86E-01	1.00E+00	-0.28	7.09E-01	9.61E-01
LINC01123	-0.50	2.87E-01	1.00E+00	0.23	7.09E-01	9.61E-01
MAMLD1	0.14	7.24E-01	1.00E+00	0.29	7.09E-01	9.61E-01
BEX3	0.12	6.74E-01	1.00E+00	0.11	7.09E-01	9.61E-01
MTND6P4	-0.31	7.11E-01	1.00E+00	-0.25	7.09E-01	9.61E-01
BMS1	-0.19	3.60E-01	1.00E+00	-0.07	7.09E-01	9.61E-01
CYB5R4	-0.46	7.84E-02	1.00E+00	0.09	7.09E-01	9.61E-01
ZNF45	0.37	2.13E-01	1.00E+00	0.13	7.09E-01	9.61E-01
KLF1	-1.07	6.76E-01	1.00E+00	0.67	7.09E-01	9.61E-01
WBP11	-0.10	5.79E-01	1.00E+00	-0.05	7.09E-01	9.61E-01
ATP6V1F	0.07	7.03E-01	1.00E+00	-0.12	7.09E-01	9.61E-01
AC084337.1	-0.53	4.69E-01	1.00E+00	0.29	7.09E-01	9.61E-01

LINC00365	2.47	1.20E-01	1.00E+00	0.46	7.09E-01	9.61E-01
HECTD3	-0.06	7.56E-01	1.00E+00	-0.14	7.10E-01	9.61E-01
ATP6V0E2	0.09	8.60E-01	1.00E+00	-0.11	7.10E-01	9.61E-01
GAPDH	-0.51	5.59E-02	1.00E+00	0.06	7.10E-01	9.61E-01
LONP2	-0.04	8.07E-01	1.00E+00	-0.06	7.10E-01	9.61E-01
AC133435.1	1.01	4.14E-01	1.00E+00	0.39	7.10E-01	9.61E-01
AC019117.1	-0.21	8.95E-01	1.00E+00	0.54	7.10E-01	9.61E-01
C1orf122	-0.09	8.37E-01	1.00E+00	-0.13	7.10E-01	9.61E-01
METRNL	-0.37	3.39E-01	1.00E+00	0.28	7.10E-01	9.61E-01
AL138781.1	-0.62	2.40E-01	1.00E+00	-0.39	7.10E-01	9.61E-01
CCDC117	0.18	4.51E-01	1.00E+00	-0.08	7.10E-01	9.61E-01
LHCGR	1.17	2.73E-01	1.00E+00	-0.39	7.10E-01	9.61E-01
PTMA	-0.06	7.60E-01	1.00E+00	0.07	7.10E-01	9.61E-01
SWT1	-0.01	9.70E-01	1.00E+00	0.13	7.10E-01	9.61E-01
PPP1R14A	0.31	6.68E-01	1.00E+00	-0.15	7.10E-01	9.61E-01
PPHLN1	-0.23	2.38E-01	1.00E+00	-0.05	7.10E-01	9.61E-01
AC011825.4	-0.61	7.70E-01	1.00E+00	0.33	7.10E-01	9.61E-01
KAT2A	-0.09	7.64E-01	1.00E+00	0.16	7.10E-01	9.61E-01
UPK1A-AS1	-0.10	9.77E-01	1.00E+00	-0.45	7.10E-01	9.61E-01
MTPAP	-0.11	6.67E-01	1.00E+00	-0.13	7.10E-01	9.61E-01
AC006538.1	-1.03	2.22E-01	1.00E+00	0.48	7.10E-01	9.61E-01
HDHD3	-0.17	5.59E-01	1.00E+00	0.10	7.10E-01	9.61E-01
TPRA1	0.21	4.22E-01	1.00E+00	-0.14	7.10E-01	9.61E-01
FAM210A	0.10	7.37E-01	1.00E+00	-0.10	7.10E-01	9.61E-01
HSP90AA5P	0.36	9.17E-01	1.00E+00	-1.20	7.10E-01	9.61E-01
ZBTB7B	-0.26	5.01E-01	1.00E+00	0.24	7.10E-01	9.61E-01
B3GALT4	-0.25	3.56E-01	1.00E+00	0.07	7.10E-01	9.61E-01
RASA4	0.02	9.45E-01	1.00E+00	0.19	7.10E-01	9.61E-01
AC121757.1	-1.50	9.06E-02	1.00E+00	0.37	7.10E-01	9.61E-01
YIF1A	-0.11	5.86E-01	1.00E+00	0.08	7.10E-01	9.61E-01
AC099489.1	-0.25	6.73E-01	1.00E+00	-0.22	7.10E-01	9.61E-01
G38775	-0.62	5.66E-01	1.00E+00	-0.30	7.10E-01	9.61E-01

CST2	-3.43	4.98E-02	1.00E+00	0.50	7.10E-01	9.61E-01
AC010186.2	-0.25	6.61E-01	1.00E+00	0.18	7.10E-01	9.61E-01
AC010980.2	-0.11	9.09E-01	1.00E+00	0.43	7.11E-01	9.61E-01
FUNDC2P1	-0.54	8.37E-01	1.00E+00	0.25	7.11E-01	9.61E-01
UBE2B	0.21	3.62E-01	1.00E+00	-0.11	7.11E-01	9.61E-01
NUP214	-0.17	3.88E-01	1.00E+00	0.12	7.11E-01	9.61E-01
PTPN3	0.31	3.77E-01	1.00E+00	-0.10	7.11E-01	9.61E-01
MSC-AS1	1.29	8.11E-02	1.00E+00	0.20	7.11E-01	9.61E-01
ITGA10	-0.51	4.30E-01	1.00E+00	0.35	7.11E-01	9.61E-01
FOXO3	-0.62	2.62E-01	1.00E+00	-0.41	7.11E-01	9.61E-01
TCF7L2	0.15	7.37E-01	1.00E+00	0.13	7.11E-01	9.61E-01
WDR90	-0.39	1.96E-01	1.00E+00	0.25	7.11E-01	9.61E-01
CAPRN1	-0.18	2.58E-01	1.00E+00	0.08	7.11E-01	9.61E-01
AC020978.4	-0.27	7.50E-01	1.00E+00	0.46	7.11E-01	9.61E-01
G42642	0.55	2.37E-01	1.00E+00	-0.40	7.11E-01	9.61E-01
AC091429.1	0.84	5.53E-01	1.00E+00	-0.26	7.11E-01	9.61E-01
UBL4B	0.55	5.84E-01	1.00E+00	1.17	7.11E-01	9.61E-01
AC092653.1	-0.78	5.82E-01	1.00E+00	0.57	7.11E-01	9.61E-01
F3	0.09	8.54E-01	1.00E+00	0.13	7.11E-01	9.61E-01
GHET1	0.00	9.99E-01	1.00E+00	-0.41	7.11E-01	9.61E-01
APCDD1L-DT	-0.14	7.24E-01	1.00E+00	-0.19	7.11E-01	9.61E-01
XLOC_005715	-0.36	7.32E-01	1.00E+00	-0.46	7.11E-01	9.61E-01
CUTA	-0.22	2.81E-01	1.00E+00	-0.09	7.11E-01	9.61E-01
FAM83B	-0.44	3.91E-01	1.00E+00	-0.25	7.11E-01	9.61E-01
AL606491.1	-3.46	5.43E-02	1.00E+00	-0.24	7.11E-01	9.61E-01
BTBD11	-0.45	1.63E-01	1.00E+00	-0.19	7.11E-01	9.61E-01
ATF4P3	0.03	9.84E-01	1.00E+00	0.20	7.11E-01	9.61E-01
TRAPPC2L	-0.12	5.60E-01	1.00E+00	-0.09	7.12E-01	9.61E-01
USP15	-0.12	7.16E-01	1.00E+00	-0.10	7.12E-01	9.61E-01
FBXO45	0.27	4.90E-01	1.00E+00	0.12	7.12E-01	9.61E-01
KRTAP9-8	-12.32	3.28E-04	7.05E-02	-1.19	7.12E-01	9.61E-01
PDSS1	-0.51	2.09E-01	1.00E+00	0.23	7.12E-01	9.61E-01

ZNF229	0.28	5.38E-01	1.00E+00	-0.22	7.12E-01	9.61E-01
ZFP90	-0.02	9.50E-01	1.00E+00	0.12	7.12E-01	9.61E-01
CABCOCO1	0.48	6.68E-01	1.00E+00	0.33	7.12E-01	9.61E-01
FAM114A1	0.06	8.52E-01	1.00E+00	0.09	7.12E-01	9.61E-01
SDC2	0.49	1.89E-01	1.00E+00	-0.15	7.12E-01	9.61E-01
RBM39	-0.12	6.80E-01	1.00E+00	0.06	7.12E-01	9.61E-01
PRPSAP1	-0.17	5.00E-01	1.00E+00	-0.07	7.12E-01	9.61E-01
KIAA1671	-0.18	2.81E-01	1.00E+00	0.14	7.12E-01	9.61E-01
AC090651.1	0.90	7.96E-01	1.00E+00	-0.66	7.12E-01	9.61E-01
AC012186.2	-2.87	3.96E-01	1.00E+00	-0.36	7.12E-01	9.61E-01
MAK	-1.45	1.43E-01	1.00E+00	0.23	7.12E-01	9.61E-01
TUSC3	-0.12	7.68E-01	1.00E+00	0.20	7.12E-01	9.61E-01
EIF5AP4	-1.17	3.90E-01	1.00E+00	-0.21	7.12E-01	9.61E-01
ZKSCAN5	-0.01	9.63E-01	1.00E+00	0.18	7.12E-01	9.61E-01
RUVBL1	-0.21	3.33E-01	1.00E+00	0.07	7.12E-01	9.61E-01
RAB33A	-0.80	2.63E-01	1.00E+00	0.24	7.12E-01	9.61E-01
G11279	-2.35	2.81E-01	1.00E+00	0.48	7.12E-01	9.61E-01
TBC1D20	0.05	7.67E-01	1.00E+00	-0.15	7.12E-01	9.61E-01
RBM34	-0.05	9.66E-01	1.00E+00	-0.16	7.12E-01	9.61E-01
NDST3	-2.08	1.87E-01	1.00E+00	0.38	7.12E-01	9.61E-01
AC016735.1	-2.18	1.82E-01	1.00E+00	-0.35	7.13E-01	9.61E-01
GAPDHP40	-1.19	7.32E-01	1.00E+00	0.22	7.13E-01	9.61E-01
FTH1P8	-0.02	9.88E-01	1.00E+00	-0.24	7.13E-01	9.61E-01
IRX2	-0.34	1.49E-01	1.00E+00	-0.22	7.13E-01	9.61E-01
AP001363.2	-0.91	4.09E-01	1.00E+00	0.24	7.13E-01	9.61E-01
UBIAD1	-0.01	9.84E-01	1.00E+00	-0.10	7.13E-01	9.61E-01
PRKCD	0.23	2.74E-01	1.00E+00	-0.19	7.13E-01	9.61E-01
RSAD1	0.03	8.73E-01	1.00E+00	-0.12	7.13E-01	9.61E-01
CD8B2	1.44	3.73E-03	3.33E-01	-0.27	7.13E-01	9.61E-01
AL096711.2	2.26	3.89E-01	1.00E+00	-0.61	7.13E-01	9.61E-01
ARHGAP1	-0.18	4.23E-01	1.00E+00	0.10	7.13E-01	9.61E-01
AC011352.3	0.24	5.98E-01	1.00E+00	-0.20	7.13E-01	9.61E-01

AC011472.2	-0.15	8.60E-01	1.00E+00	-0.19	7.13E-01	9.61E-01
LINC01230	2.23	4.92E-01	1.00E+00	-1.17	7.13E-01	9.61E-01
PDRG1	0.15	5.01E-01	1.00E+00	0.09	7.13E-01	9.61E-01
AC009086.3	-0.85	1.83E-01	1.00E+00	-0.22	7.13E-01	9.61E-01
SERF1A	1.27	5.89E-01	1.00E+00	-0.31	7.13E-01	9.61E-01
TOLLIP-AS1	-0.95	4.30E-02	1.00E+00	-0.17	7.13E-01	9.61E-01
TUT4	0.09	6.63E-01	1.00E+00	-0.10	7.13E-01	9.61E-01
ZFPL1	-0.21	6.16E-01	1.00E+00	0.17	7.13E-01	9.61E-01
DPY19L2	-0.13	8.33E-01	1.00E+00	0.28	7.13E-01	9.61E-01
ODF2	-0.32	1.15E-01	1.00E+00	-0.08	7.13E-01	9.61E-01
NMRAL2P	0.55	3.72E-01	1.00E+00	-0.20	7.13E-01	9.61E-01
USP31	-0.09	6.43E-01	1.00E+00	0.12	7.13E-01	9.61E-01
LEPROT	0.44	7.86E-02	1.00E+00	-0.08	7.13E-01	9.61E-01
AC139887.4	-0.62	6.72E-01	1.00E+00	0.30	7.13E-01	9.61E-01
CHAC2	-0.54	2.17E-01	1.00E+00	-0.13	7.13E-01	9.61E-01
MTHFS	2.75	7.15E-02	1.00E+00	-0.25	7.14E-01	9.61E-01
AC004982.2	0.62	5.02E-01	1.00E+00	-0.20	7.14E-01	9.61E-01
AL139095.2	0.59	6.80E-01	1.00E+00	0.21	7.14E-01	9.61E-01
AL357054.3	-2.70	4.27E-01	1.00E+00	-0.68	7.14E-01	9.61E-01
C7orf25	0.18	8.90E-01	1.00E+00	-0.19	7.14E-01	9.61E-01
TRIM59	0.55	1.15E-01	1.00E+00	0.21	7.14E-01	9.61E-01
FBXW5	-0.23	2.57E-01	1.00E+00	0.14	7.14E-01	9.61E-01
TTC39B	0.28	4.79E-01	1.00E+00	0.14	7.14E-01	9.61E-01
STIL	-0.14	6.90E-01	1.00E+00	0.20	7.14E-01	9.61E-01
RPS12	-0.06	8.19E-01	1.00E+00	0.10	7.14E-01	9.61E-01
PKP1	-0.05	9.23E-01	1.00E+00	0.22	7.14E-01	9.61E-01
ST3GAL6-AS1	-0.04	9.68E-01	1.00E+00	0.28	7.14E-01	9.61E-01
ANP32B	0.10	5.56E-01	1.00E+00	0.09	7.14E-01	9.61E-01
CXorf56	0.09	5.91E-01	1.00E+00	-0.07	7.14E-01	9.61E-01
ABHD17C	0.13	5.46E-01	1.00E+00	-0.22	7.14E-01	9.61E-01
DNASE1L2	-0.05	9.42E-01	1.00E+00	0.25	7.14E-01	9.61E-01
ASTN2	-0.18	7.32E-01	1.00E+00	0.20	7.14E-01	9.61E-01

PDE2A	0.31	4.83E-01	1.00E+00	0.27	7.14E-01	9.61E-01
AC015726.1	0.01	9.93E-01	1.00E+00	-0.29	7.14E-01	9.61E-01
LPAR3	0.20	5.73E-01	1.00E+00	-0.24	7.14E-01	9.61E-01
GATA6	-0.36	4.24E-01	1.00E+00	0.22	7.14E-01	9.61E-01
SUFU	-0.17	4.85E-01	1.00E+00	0.13	7.14E-01	9.61E-01
LINC01176	0.93	2.94E-01	1.00E+00	0.24	7.14E-01	9.61E-01
ZXDB	0.03	9.21E-01	1.00E+00	-0.14	7.14E-01	9.61E-01
ANAPC11	-0.06	7.32E-01	1.00E+00	-0.09	7.14E-01	9.61E-01
PRPS2	-0.06	8.18E-01	1.00E+00	0.07	7.14E-01	9.61E-01
EPB41	0.10	7.52E-01	1.00E+00	-0.11	7.14E-01	9.61E-01
RPS13	-0.05	8.59E-01	1.00E+00	0.11	7.15E-01	9.61E-01
RSPH9	0.11	8.70E-01	1.00E+00	0.17	7.15E-01	9.61E-01
AC079203.1	1.77	4.24E-01	1.00E+00	-0.41	7.15E-01	9.61E-01
UNC45A	-0.08	7.05E-01	1.00E+00	0.10	7.15E-01	9.61E-01
HPCAL1	-0.29	2.50E-01	1.00E+00	0.17	7.15E-01	9.61E-01
DGKE	0.14	7.48E-01	1.00E+00	0.18	7.15E-01	9.61E-01
GADD45G	-0.54	3.25E-01	1.00E+00	0.35	7.15E-01	9.61E-01
GLYATL1B	-1.09	7.51E-01	1.00E+00	0.66	7.15E-01	9.61E-01
LARP4B	-0.01	9.83E-01	1.00E+00	0.09	7.15E-01	9.61E-01
LCOR	0.04	8.46E-01	1.00E+00	0.08	7.15E-01	9.61E-01
AGAP7P	1.57	1.92E-01	1.00E+00	0.35	7.15E-01	9.61E-01
NHS	-0.34	2.49E-01	1.00E+00	0.21	7.15E-01	9.61E-01
NDUFB11	0.08	6.71E-01	1.00E+00	-0.09	7.15E-01	9.61E-01
G5482	0.52	4.82E-01	1.00E+00	-0.32	7.15E-01	9.61E-01
PSMC6	0.21	4.06E-01	1.00E+00	-0.08	7.15E-01	9.61E-01
RPSAP5A	-1.46	2.43E-01	1.00E+00	-0.24	7.15E-01	9.61E-01
ZNF286A	0.44	1.21E-01	1.00E+00	-0.10	7.15E-01	9.61E-01
C9orf64	0.39	2.19E-01	1.00E+00	0.13	7.15E-01	9.61E-01
CCDC125	-0.51	4.54E-02	1.00E+00	0.09	7.15E-01	9.61E-01
ACTRT3	0.07	8.76E-01	1.00E+00	0.22	7.15E-01	9.61E-01
BX679664.1	-0.39	9.10E-01	1.00E+00	0.27	7.15E-01	9.61E-01
CLPX	-0.05	8.80E-01	1.00E+00	0.08	7.16E-01	9.61E-01

KRT16P6	-0.52	5.40E-01	1.00E+00	-0.25	7.16E-01	9.61E-01
RNF130	0.18	6.58E-01	1.00E+00	0.12	7.16E-01	9.61E-01
TRAFD1	-0.19	4.52E-01	1.00E+00	0.07	7.16E-01	9.61E-01
ATP5F1AP2	-0.56	8.73E-01	1.00E+00	0.26	7.16E-01	9.61E-01
MIDN	-1.09	7.81E-02	1.00E+00	0.21	7.16E-01	9.61E-01
FAM53A	-0.05	9.15E-01	1.00E+00	-0.23	7.16E-01	9.61E-01
AL136295.2	-2.27	4.38E-01	1.00E+00	-0.30	7.16E-01	9.61E-01
ANKRD36C	0.69	5.14E-02	1.00E+00	-0.14	7.16E-01	9.61E-01
AC022893.1	0.15	8.03E-01	1.00E+00	0.23	7.16E-01	9.61E-01
IGHJ3	NA	NA	NA	1.17	7.16E-01	9.61E-01
ASB13	-0.07	7.78E-01	1.00E+00	0.11	7.16E-01	9.61E-01
PPIC	0.16	7.06E-01	1.00E+00	0.11	7.16E-01	9.61E-01
G38643	-0.17	9.61E-01	1.00E+00	-0.43	7.16E-01	9.61E-01
HDAC10	0.28	8.40E-01	1.00E+00	-0.16	7.16E-01	9.61E-01
SAT2	0.21	4.00E-01	1.00E+00	-0.08	7.16E-01	9.61E-01
KRTAP2-1	-30.00	4.49E-18	5.54E-15	-1.17	7.16E-01	9.61E-01
FBXO17	0.16	5.63E-01	1.00E+00	-0.10	7.16E-01	9.61E-01
ZNF777	-0.53	7.02E-02	1.00E+00	-1.14	7.16E-01	9.61E-01
AC093627.7	-1.88	2.50E-01	1.00E+00	0.60	7.16E-01	9.61E-01
SIPA1L3	-0.33	2.79E-01	1.00E+00	0.22	7.16E-01	9.61E-01
TCAF1	0.18	3.83E-01	1.00E+00	0.12	7.16E-01	9.61E-01
INHBE	-0.32	7.04E-01	1.00E+00	0.42	7.16E-01	9.61E-01
SOCS3	-3.02	2.12E-02	8.94E-01	-0.31	7.16E-01	9.61E-01
AL354718.1	-0.30	6.76E-01	1.00E+00	0.23	7.16E-01	9.61E-01
TMEM120B	0.34	4.40E-01	1.00E+00	-0.20	7.16E-01	9.61E-01
AC009237.8	-0.97	6.15E-01	1.00E+00	0.39	7.17E-01	9.61E-01
SCG3	-0.19	9.38E-01	1.00E+00	0.53	7.17E-01	9.61E-01
KRT78	-0.15	8.12E-01	1.00E+00	0.25	7.17E-01	9.61E-01
ABRACL	-0.09	7.25E-01	1.00E+00	-0.12	7.17E-01	9.61E-01
TP53I11	-0.15	5.66E-01	1.00E+00	0.17	7.17E-01	9.61E-01
AL161935.3	1.26	1.78E-01	1.00E+00	-0.31	7.17E-01	9.61E-01
RPRM	-1.70	2.18E-03	2.39E-01	0.24	7.17E-01	9.61E-01

TMX1	0.11	7.13E-01	1.00E+00	-0.11	7.17E-01	9.61E-01
ZNF44	0.17	5.54E-01	1.00E+00	0.08	7.17E-01	9.61E-01
CDC42BPA	0.19	5.61E-01	1.00E+00	0.12	7.17E-01	9.61E-01
WDR73	-0.19	7.39E-01	1.00E+00	-0.12	7.17E-01	9.61E-01
LINC02569	1.63	2.06E-01	1.00E+00	0.33	7.17E-01	9.61E-01
POLR1B	0.04	8.52E-01	1.00E+00	-0.08	7.17E-01	9.61E-01
SOWAHB	0.10	8.39E-01	1.00E+00	-0.89	7.17E-01	9.61E-01
DENND5B	-0.11	7.88E-01	1.00E+00	0.20	7.17E-01	9.61E-01
LINC00680	-0.13	7.74E-01	1.00E+00	0.11	7.17E-01	9.61E-01
TSEN54	-0.25	3.84E-01	1.00E+00	0.08	7.17E-01	9.61E-01
GACAT2	-1.98	4.38E-01	1.00E+00	-0.38	7.17E-01	9.61E-01
AC009171.2	0.87	3.95E-01	1.00E+00	-0.17	7.17E-01	9.61E-01
AL512625.1	-0.22	7.26E-01	1.00E+00	-0.16	7.17E-01	9.61E-01
PRKDC	-0.29	1.33E-01	1.00E+00	0.11	7.17E-01	9.61E-01
ZNF527	0.07	8.21E-01	1.00E+00	-0.11	7.17E-01	9.61E-01
MRPS18A	-0.02	9.40E-01	1.00E+00	0.12	7.17E-01	9.61E-01
MRPL44	-0.13	4.32E-01	1.00E+00	0.05	7.17E-01	9.61E-01
MPV17	-0.10	6.42E-01	1.00E+00	-0.07	7.18E-01	9.61E-01
AC092828.1	0.27	8.83E-01	1.00E+00	-0.42	7.18E-01	9.61E-01
UCA1	-2.56	6.28E-02	1.00E+00	0.37	7.18E-01	9.61E-01
HCG18	-0.26	3.15E-01	1.00E+00	0.06	7.18E-01	9.61E-01
MRPL16	0.03	8.72E-01	1.00E+00	-0.08	7.18E-01	9.61E-01
CLEC1B	NA	NA	NA	0.50	7.18E-01	9.61E-01
IER5	-0.53	1.92E-01	1.00E+00	0.23	7.18E-01	9.61E-01
PIWIL4	0.75	1.19E-01	1.00E+00	-0.35	7.18E-01	9.62E-01
TMED5	0.15	5.97E-01	1.00E+00	-0.10	7.18E-01	9.62E-01
AC009630.1	2.41	3.29E-01	1.00E+00	-0.36	7.18E-01	9.62E-01
PPP3CC	-0.59	2.52E-02	9.28E-01	-0.16	7.18E-01	9.62E-01
BPGM	0.09	6.69E-01	1.00E+00	0.09	7.18E-01	9.62E-01
ZNF519	-0.43	4.86E-01	1.00E+00	0.16	7.18E-01	9.62E-01
VWA8	0.05	8.94E-01	1.00E+00	0.16	7.18E-01	9.62E-01
MTRF1L	-0.08	7.61E-01	1.00E+00	-0.05	7.18E-01	9.62E-01

HOMER2	0.02	9.66E-01	1.00E+00	-0.19	7.19E-01	9.62E-01
RPL32P3	0.70	2.74E-02	9.66E-01	0.10	7.19E-01	9.62E-01
AGO3	0.19	5.14E-01	1.00E+00	-0.09	7.19E-01	9.62E-01
TRAPPC1	-0.22	3.37E-01	1.00E+00	0.11	7.19E-01	9.62E-01
GPR17	-0.56	3.68E-01	1.00E+00	0.38	7.19E-01	9.62E-01
HIST1H2AC	0.12	8.14E-01	1.00E+00	0.11	7.19E-01	9.62E-01
C14orf93	-0.15	4.76E-01	1.00E+00	-0.11	7.19E-01	9.62E-01
ELOVL1	0.30	4.80E-01	1.00E+00	0.09	7.19E-01	9.62E-01
JPT2	0.08	6.89E-01	1.00E+00	0.10	7.19E-01	9.62E-01
RPL7P19	0.65	8.50E-01	1.00E+00	0.33	7.19E-01	9.62E-01
PARM1	0.19	5.40E-01	1.00E+00	-0.16	7.19E-01	9.62E-01
LCE1A	0.53	4.88E-01	1.00E+00	0.30	7.19E-01	9.62E-01
CYHR1	-0.26	2.79E-01	1.00E+00	-0.09	7.19E-01	9.62E-01
PLAT	0.05	9.33E-01	1.00E+00	0.17	7.19E-01	9.62E-01
RPL17P34	-0.54	7.99E-01	1.00E+00	-0.28	7.19E-01	9.62E-01
AKT1S1	-0.19	4.84E-01	1.00E+00	0.19	7.19E-01	9.62E-01
AL137784.3	0.91	3.92E-01	1.00E+00	0.41	7.19E-01	9.62E-01
OAZ1	-0.02	8.58E-01	1.00E+00	0.08	7.19E-01	9.62E-01
TTF1	0.11	5.59E-01	1.00E+00	0.09	7.19E-01	9.62E-01
RAB11FIP4	-0.04	9.17E-01	1.00E+00	0.19	7.19E-01	9.62E-01
RRM2B	0.29	2.78E-01	1.00E+00	0.06	7.19E-01	9.62E-01
NOC4L	-0.25	3.85E-01	1.00E+00	0.09	7.20E-01	9.62E-01
AC005921.3	0.54	8.76E-01	1.00E+00	-0.44	7.20E-01	9.62E-01
EPHA7	0.65	3.22E-01	1.00E+00	-0.33	7.20E-01	9.62E-01
AL450344.3	-0.67	8.47E-01	1.00E+00	-0.51	7.20E-01	9.62E-01
ADAMTSL4-AS1	0.32	7.40E-01	1.00E+00	0.26	7.20E-01	9.62E-01
AL139274.1	NA	NA	NA	0.74	7.20E-01	9.62E-01
FGD1	-0.14	4.25E-01	1.00E+00	0.15	7.20E-01	9.62E-01
RUNDC1	-0.16	3.94E-01	1.00E+00	-0.16	7.20E-01	9.62E-01
ESPNL	0.90	3.69E-02	1.00E+00	0.50	7.20E-01	9.62E-01
PAQR8	0.04	8.90E-01	1.00E+00	0.16	7.20E-01	9.62E-01
AC026403.1	0.48	2.78E-01	1.00E+00	0.27	7.20E-01	9.62E-01

C8orf89	-1.69	3.26E-01	1.00E+00	0.29	7.20E-01	9.62E-01
NDFIP2	0.14	7.37E-01	1.00E+00	-0.16	7.20E-01	9.62E-01
NINJ2	0.22	5.77E-01	1.00E+00	-0.14	7.20E-01	9.62E-01
NBPF1	-0.40	3.65E-01	1.00E+00	-0.13	7.20E-01	9.62E-01
DGUOK	0.12	5.53E-01	1.00E+00	-0.13	7.20E-01	9.62E-01
BLVRB	-0.04	8.08E-01	1.00E+00	0.06	7.20E-01	9.62E-01
GDF7	-0.36	6.14E-01	1.00E+00	0.22	7.20E-01	9.62E-01
AC114491.1	-0.60	8.18E-01	1.00E+00	-0.29	7.20E-01	9.62E-01
SLC7A6OS	-0.06	8.10E-01	1.00E+00	0.13	7.20E-01	9.62E-01
STT3A	0.20	4.73E-01	1.00E+00	0.09	7.20E-01	9.62E-01
EDN3	-0.86	3.19E-01	1.00E+00	0.92	7.20E-01	9.62E-01
MYO6	0.13	5.83E-01	1.00E+00	-0.06	7.20E-01	9.62E-01
AL008727.1	1.07	6.53E-01	1.00E+00	0.47	7.20E-01	9.62E-01
AC068050.1	-0.58	8.67E-01	1.00E+00	0.53	7.20E-01	9.62E-01
LINC01948	-1.23	2.88E-01	1.00E+00	-0.22	7.20E-01	9.62E-01
LINC01619	-0.04	9.34E-01	1.00E+00	-0.23	7.21E-01	9.62E-01
AC090114.1	0.00	1.00E+00	1.00E+00	0.32	7.21E-01	9.62E-01
AC133041.1	-2.35	1.64E-01	1.00E+00	0.37	7.21E-01	9.62E-01
AC020765.2	NA	NA	NA	-0.39	7.21E-01	9.62E-01
TIMM13	0.01	9.58E-01	1.00E+00	-0.09	7.21E-01	9.62E-01
GUCA1A	-3.43	1.65E-01	1.00E+00	0.51	7.21E-01	9.62E-01
FRMPD4	-1.89	1.01E-01	1.00E+00	0.61	7.21E-01	9.62E-01
AC073389.3	-0.75	4.71E-01	1.00E+00	0.27	7.21E-01	9.62E-01
CDH10	2.75	4.39E-02	1.00E+00	1.13	7.21E-01	9.62E-01
C6orf132	-0.31	4.25E-01	1.00E+00	0.17	7.21E-01	9.62E-01
AL109741.2	0.36	9.17E-01	1.00E+00	0.19	7.21E-01	9.62E-01
ACOT13	-0.14	6.22E-01	1.00E+00	0.12	7.21E-01	9.62E-01
LINC01503	0.22	6.99E-01	1.00E+00	-0.13	7.21E-01	9.62E-01
KRTAP4-2	-19.13	2.43E-08	1.12E-05	-1.04	7.21E-01	9.62E-01
HES2	-0.48	2.12E-01	1.00E+00	0.21	7.21E-01	9.62E-01
NPR3	-0.14	6.55E-01	1.00E+00	-0.16	7.21E-01	9.62E-01
HIF3A	1.32	1.76E-02	8.33E-01	-0.26	7.21E-01	9.62E-01

MND1	-0.25	6.08E-01	1.00E+00	-0.17	7.21E-01	9.62E-01
SYNC	-0.60	1.98E-01	1.00E+00	-0.26	7.22E-01	9.62E-01
AL731557.1	1.48	1.90E-01	1.00E+00	0.39	7.22E-01	9.62E-01
RXFP1	-0.33	8.23E-01	1.00E+00	1.13	7.22E-01	9.62E-01
UBE2L3	-0.04	7.75E-01	1.00E+00	-0.05	7.22E-01	9.62E-01
PRPF8	-0.13	5.49E-01	1.00E+00	-0.12	7.22E-01	9.62E-01
WFDC1	-0.95	1.27E-01	1.00E+00	-0.29	7.22E-01	9.62E-01
ZNF264	0.26	2.11E-01	1.00E+00	0.12	7.22E-01	9.62E-01
SLC37A3	0.46	1.46E-01	1.00E+00	0.09	7.22E-01	9.62E-01
G38011	-0.04	9.47E-01	1.00E+00	0.37	7.22E-01	9.62E-01
AP000944.2	-1.67	2.87E-01	1.00E+00	0.38	7.22E-01	9.62E-01
XLOC_001855	-1.68	6.27E-01	1.00E+00	1.09	7.22E-01	9.62E-01
SLC26A9	-0.35	6.36E-01	1.00E+00	0.29	7.22E-01	9.62E-01
SOX18	0.22	6.58E-01	1.00E+00	0.30	7.22E-01	9.62E-01
HMGB3P22	-0.17	9.22E-01	1.00E+00	-0.39	7.22E-01	9.62E-01
CHAD	0.22	7.27E-01	1.00E+00	-0.24	7.22E-01	9.62E-01
SSR4P1	-0.90	4.93E-02	1.00E+00	0.31	7.22E-01	9.62E-01
UBL7-AS1	-0.41	3.10E-01	1.00E+00	-0.10	7.22E-01	9.62E-01
RPL21P89	0.10	9.41E-01	1.00E+00	0.27	7.22E-01	9.62E-01
AL139805.1	1.23	5.09E-01	1.00E+00	-0.44	7.22E-01	9.62E-01
IL12RB1	-0.34	5.83E-01	1.00E+00	1.11	7.22E-01	9.62E-01
ALAS2	0.29	7.84E-01	1.00E+00	-0.43	7.22E-01	9.62E-01
CPE	0.44	3.73E-01	1.00E+00	0.23	7.22E-01	9.62E-01
RN7SL181P	-1.14	4.91E-02	1.00E+00	0.38	7.23E-01	9.62E-01
TRBV5-4	-0.76	6.81E-01	1.00E+00	0.46	7.23E-01	9.62E-01
PNMT	-0.24	7.47E-01	1.00E+00	-0.36	7.23E-01	9.62E-01
KRTDAP	0.29	5.64E-01	1.00E+00	-0.28	7.23E-01	9.62E-01
TSPAN14	0.07	7.23E-01	1.00E+00	0.11	7.23E-01	9.62E-01
SELENOF	0.19	3.01E-01	1.00E+00	-0.05	7.23E-01	9.62E-01
ANAPC1	-0.06	7.53E-01	1.00E+00	-0.09	7.23E-01	9.62E-01
GLE1	0.21	3.48E-01	1.00E+00	0.05	7.23E-01	9.62E-01
HOXD3	-0.17	8.40E-01	1.00E+00	0.44	7.23E-01	9.63E-01

AC007384.1	-0.85	3.49E-01	1.00E+00	-0.36	7.23E-01	9.63E-01
DUSP4	0.51	4.68E-01	1.00E+00	0.18	7.23E-01	9.63E-01
AL161785.1	-0.39	4.89E-01	1.00E+00	0.20	7.23E-01	9.63E-01
KRTAP5-4	5.18	2.36E-02	9.15E-01	0.68	7.23E-01	9.63E-01
UBTD1	-0.12	7.74E-01	1.00E+00	-0.17	7.23E-01	9.63E-01
BCKDHA	-0.84	7.19E-01	1.00E+00	0.34	7.23E-01	9.63E-01
PARP3	-0.03	9.48E-01	1.00E+00	0.14	7.23E-01	9.63E-01
WRAP73	0.06	8.25E-01	1.00E+00	-0.10	7.23E-01	9.63E-01
BHLHA15	-0.91	4.23E-01	1.00E+00	-0.44	7.23E-01	9.63E-01
C2CD5	0.08	7.52E-01	1.00E+00	-0.12	7.23E-01	9.63E-01
XLOC_000266	0.03	9.93E-01	1.00E+00	-0.87	7.23E-01	9.63E-01
RALY-AS1	-0.54	2.50E-01	1.00E+00	0.12	7.23E-01	9.63E-01
POLQ	0.02	9.69E-01	1.00E+00	0.30	7.24E-01	9.63E-01
SDCCAG8	0.06	7.67E-01	1.00E+00	-0.08	7.24E-01	9.63E-01
PELI1	0.10	7.19E-01	1.00E+00	0.07	7.24E-01	9.63E-01
PINK1-AS	0.22	5.90E-01	1.00E+00	-0.16	7.24E-01	9.63E-01
AC005722.2	-0.47	5.60E-01	1.00E+00	0.37	7.24E-01	9.63E-01
NPAT	-0.11	6.17E-01	1.00E+00	0.09	7.24E-01	9.63E-01
RNF148	-2.91	3.91E-01	1.00E+00	0.59	7.24E-01	9.63E-01
PLA2G4E	-0.57	3.22E-01	1.00E+00	0.28	7.24E-01	9.63E-01
ARFGEF3	0.28	6.41E-01	1.00E+00	-0.16	7.24E-01	9.63E-01
XLOC_002099	4.66	4.33E-02	1.00E+00	0.56	7.24E-01	9.63E-01
ITPRIP	-0.61	2.94E-01	1.00E+00	0.15	7.24E-01	9.63E-01
PITRM1	-0.32	2.18E-01	1.00E+00	-0.11	7.24E-01	9.63E-01
ERVMER34-1	-0.30	6.50E-01	1.00E+00	0.24	7.24E-01	9.63E-01
ALOXE3	0.11	8.63E-01	1.00E+00	0.21	7.24E-01	9.63E-01
PTPRQ	2.06	2.55E-01	1.00E+00	-0.38	7.24E-01	9.63E-01
CPLANE1	-0.29	2.38E-01	1.00E+00	0.13	7.24E-01	9.63E-01
KLK8	-0.10	8.69E-01	1.00E+00	0.26	7.24E-01	9.63E-01
CYCS	-0.15	4.87E-01	1.00E+00	-0.07	7.24E-01	9.63E-01
AC074117.1	-0.71	2.21E-02	8.96E-01	-0.27	7.24E-01	9.63E-01
NRIP3	0.13	8.15E-01	1.00E+00	-0.21	7.24E-01	9.63E-01

CARD17	0.39	3.82E-01	1.00E+00	-0.22	7.24E-01	9.63E-01
FRMPD1	0.00	9.94E-01	1.00E+00	0.22	7.24E-01	9.63E-01
LINC02600	-0.03	9.66E-01	1.00E+00	-1.12	7.24E-01	9.63E-01
AL031432.2	-0.33	7.21E-01	1.00E+00	0.47	7.25E-01	9.63E-01
AC005042.1	NA	NA	NA	0.60	7.25E-01	9.63E-01
MPZ	-0.11	8.61E-01	1.00E+00	0.98	7.25E-01	9.63E-01
HSPA13	0.03	9.20E-01	1.00E+00	0.11	7.25E-01	9.63E-01
AKR7A3	-1.46	8.36E-02	1.00E+00	-0.25	7.25E-01	9.63E-01
EXOSC1	-0.10	6.95E-01	1.00E+00	0.08	7.25E-01	9.63E-01
KHDRBS1	-0.01	9.61E-01	1.00E+00	-0.12	7.25E-01	9.63E-01
TUFM	-0.10	6.39E-01	1.00E+00	0.04	7.25E-01	9.63E-01
C19orf33	0.91	5.00E-01	1.00E+00	-0.26	7.25E-01	9.63E-01
FAM234A	-0.01	9.54E-01	1.00E+00	0.08	7.25E-01	9.63E-01
KANSL1L	0.01	9.60E-01	1.00E+00	-0.12	7.25E-01	9.63E-01
NFATC2IP	-0.04	8.61E-01	1.00E+00	-0.16	7.25E-01	9.63E-01
AC078850.1	0.77	6.63E-01	1.00E+00	0.49	7.25E-01	9.63E-01
AL133260.1	-1.49	5.00E-01	1.00E+00	-0.21	7.25E-01	9.63E-01
AL357568.1	0.23	9.47E-01	1.00E+00	0.82	7.25E-01	9.63E-01
UBL4A	0.12	5.03E-01	1.00E+00	-0.07	7.25E-01	9.63E-01
OR10A3	-1.62	3.04E-01	1.00E+00	0.59	7.25E-01	9.63E-01
CEP295NL	0.11	9.19E-01	1.00E+00	-0.57	7.25E-01	9.63E-01
USP39	-0.02	8.89E-01	1.00E+00	0.06	7.25E-01	9.63E-01
AC115223.1	-0.03	9.26E-01	1.00E+00	-0.12	7.25E-01	9.63E-01
RNA5SP283	-0.95	4.09E-01	1.00E+00	0.32	7.25E-01	9.63E-01
AC007256.1	-2.51	3.44E-01	1.00E+00	0.35	7.25E-01	9.63E-01
LINC01876	-0.71	5.49E-01	1.00E+00	0.27	7.25E-01	9.63E-01
FGF9	1.46	1.08E-01	1.00E+00	0.44	7.26E-01	9.63E-01
NCOA1	-0.22	1.78E-01	1.00E+00	-0.11	7.26E-01	9.63E-01
G41823	0.10	9.23E-01	1.00E+00	-0.22	7.26E-01	9.63E-01
GTF3C3	0.07	7.72E-01	1.00E+00	-0.08	7.26E-01	9.63E-01
ZNF841	0.13	7.49E-01	1.00E+00	0.14	7.26E-01	9.63E-01
XLOC_005110	-1.02	6.91E-01	1.00E+00	-0.36	7.26E-01	9.63E-01

FAM53C	0.11	4.55E-01	1.00E+00	-0.14	7.26E-01	9.63E-01
KRTAP4-12	-19.06	2.73E-08	1.21E-05	-1.12	7.26E-01	9.63E-01
OVOL1-AS1	0.22	7.36E-01	1.00E+00	-0.25	7.26E-01	9.63E-01
KRT5	-0.13	7.02E-01	1.00E+00	0.21	7.26E-01	9.63E-01
SH2D3A	0.07	8.32E-01	1.00E+00	-0.22	7.26E-01	9.63E-01
STAMBP	0.20	2.81E-01	1.00E+00	-0.06	7.26E-01	9.63E-01
RPF1	0.01	9.70E-01	1.00E+00	-0.08	7.26E-01	9.63E-01
TMEM200B	0.50	1.10E-01	1.00E+00	0.25	7.26E-01	9.63E-01
EYA4	2.21	6.24E-02	1.00E+00	0.38	7.26E-01	9.63E-01
G12890	-0.23	7.15E-01	1.00E+00	-0.33	7.27E-01	9.63E-01
AC118754.1	-0.92	4.20E-01	1.00E+00	0.28	7.27E-01	9.63E-01
SLC7A10	4.66	1.31E-03	1.95E-01	0.43	7.27E-01	9.63E-01
AL450992.2	0.53	9.29E-02	1.00E+00	-0.21	7.27E-01	9.63E-01
SNX16	0.34	3.35E-01	1.00E+00	-0.10	7.27E-01	9.63E-01
CACNA2D2	-0.23	5.92E-01	1.00E+00	0.21	7.27E-01	9.63E-01
KIAA0895L	-0.37	2.51E-01	1.00E+00	0.15	7.27E-01	9.63E-01
UBE2D2	0.01	9.65E-01	1.00E+00	-0.07	7.27E-01	9.63E-01
G22291	0.50	5.92E-01	1.00E+00	-0.35	7.27E-01	9.63E-01
AC010332.1	1.34	3.28E-01	1.00E+00	-0.28	7.27E-01	9.63E-01
CHD9	0.08	6.74E-01	1.00E+00	-0.07	7.27E-01	9.63E-01
CARF	0.17	5.94E-01	1.00E+00	0.14	7.27E-01	9.63E-01
CYB5D2	-0.03	9.08E-01	1.00E+00	-0.08	7.27E-01	9.63E-01
AL136531.3	-0.76	5.13E-01	1.00E+00	-0.32	7.27E-01	9.63E-01
RPS7P3	-0.09	9.66E-01	1.00E+00	0.28	7.27E-01	9.63E-01
LRP3	0.09	8.07E-01	1.00E+00	0.23	7.27E-01	9.63E-01
USP49	0.08	8.19E-01	1.00E+00	-0.13	7.27E-01	9.63E-01
C12orf60	0.91	1.26E-01	1.00E+00	0.18	7.27E-01	9.63E-01
ITGB1-DT	-2.12	1.97E-01	1.00E+00	0.51	7.27E-01	9.63E-01
XLOC_001338	-0.13	9.07E-01	1.00E+00	0.34	7.27E-01	9.63E-01
LINC01698	0.53	4.04E-01	1.00E+00	0.33	7.27E-01	9.63E-01
CNPPD1	-0.07	6.92E-01	1.00E+00	0.05	7.27E-01	9.63E-01
CLHC1	-1.23	5.50E-02	1.00E+00	-0.16	7.27E-01	9.63E-01

SHROOM3	0.36	4.60E-01	1.00E+00	0.16	7.27E-01	9.63E-01
CERS4	-0.38	2.39E-01	1.00E+00	0.11	7.28E-01	9.63E-01
PDE3B	3.69	5.14E-03	4.18E-01	-0.33	7.28E-01	9.63E-01
EIF4G3	-0.55	3.40E-03	3.11E-01	0.14	7.28E-01	9.63E-01
XLOC_005409	-0.47	8.06E-01	1.00E+00	-0.39	7.28E-01	9.63E-01
ANKRD36B	0.37	4.84E-01	1.00E+00	-0.12	7.28E-01	9.63E-01
TOMM40L	0.14	6.48E-01	1.00E+00	0.11	7.28E-01	9.63E-01
PAX9	-1.01	1.70E-01	1.00E+00	-0.18	7.28E-01	9.63E-01
GIMAP7	0.33	5.47E-01	1.00E+00	0.15	7.28E-01	9.63E-01
SFTPC	-0.96	8.23E-02	1.00E+00	0.32	7.28E-01	9.63E-01
RAET1E-AS1	-0.62	3.42E-01	1.00E+00	0.25	7.28E-01	9.63E-01
HDAC9	0.13	7.68E-01	1.00E+00	0.13	7.28E-01	9.63E-01
LINC00681	1.29	1.63E-01	1.00E+00	-0.39	7.28E-01	9.63E-01
C4A	-0.09	9.39E-01	1.00E+00	1.09	7.28E-01	9.63E-01
FAM126B	-0.06	8.58E-01	1.00E+00	0.11	7.28E-01	9.63E-01
KIAA2026	-0.03	8.37E-01	1.00E+00	-0.10	7.28E-01	9.63E-01
AC016205.1	-0.53	3.27E-01	1.00E+00	-0.26	7.28E-01	9.63E-01
PIK3IP1	-0.17	4.54E-01	1.00E+00	-0.09	7.28E-01	9.63E-01
CCDC50	0.06	8.40E-01	1.00E+00	0.11	7.28E-01	9.63E-01
ZSCAN30	0.27	4.53E-01	1.00E+00	0.17	7.28E-01	9.63E-01
ZNF805	-0.02	9.34E-01	1.00E+00	0.22	7.28E-01	9.63E-01
ANGPT1	0.85	2.44E-01	1.00E+00	-0.22	7.28E-01	9.63E-01
IP6K2	-0.06	8.78E-01	1.00E+00	0.11	7.28E-01	9.63E-01
SHLD2	0.23	4.16E-01	1.00E+00	-0.10	7.28E-01	9.63E-01
G39784	0.53	6.72E-01	1.00E+00	0.37	7.29E-01	9.63E-01
NACA3P	-0.61	7.72E-01	1.00E+00	-0.29	7.29E-01	9.63E-01
AC010463.3	0.88	7.47E-01	1.00E+00	0.36	7.29E-01	9.63E-01
YBX1P10	-0.40	6.00E-01	1.00E+00	-0.11	7.29E-01	9.63E-01
ESF1	0.11	5.57E-01	1.00E+00	-0.09	7.29E-01	9.63E-01
AL117336.3	-3.23	9.85E-05	2.44E-02	0.19	7.29E-01	9.63E-01
AL445437.1	0.80	5.28E-01	1.00E+00	0.40	7.29E-01	9.63E-01
BANK1	0.15	7.76E-01	1.00E+00	0.19	7.29E-01	9.63E-01

SPTAN1	-0.28	2.05E-01	1.00E+00	0.12	7.29E-01	9.63E-01
TMF1	-0.12	6.89E-01	1.00E+00	-0.07	7.29E-01	9.63E-01
AC115618.1	-0.66	5.29E-01	1.00E+00	0.22	7.29E-01	9.63E-01
RPL7P47	0.88	7.98E-01	1.00E+00	0.30	7.29E-01	9.63E-01
RND2	-0.11	6.99E-01	1.00E+00	-0.16	7.29E-01	9.63E-01
ALKBH6	-0.41	8.02E-01	1.00E+00	-0.17	7.29E-01	9.63E-01
AP000842.2	0.06	9.38E-01	1.00E+00	0.32	7.29E-01	9.63E-01
DCAF17	0.02	9.17E-01	1.00E+00	-0.08	7.29E-01	9.63E-01
AL357552.2	-0.46	8.15E-01	1.00E+00	0.40	7.29E-01	9.63E-01
AL161804.1	-1.43	6.77E-01	1.00E+00	-0.85	7.29E-01	9.63E-01
ST13P18	0.47	8.15E-01	1.00E+00	-0.17	7.29E-01	9.63E-01
PNLDC1	2.62	8.00E-02	1.00E+00	-0.39	7.29E-01	9.63E-01
CHKB	1.55	3.94E-01	1.00E+00	0.26	7.29E-01	9.63E-01
SP6	0.02	9.70E-01	1.00E+00	0.26	7.29E-01	9.63E-01
ADNP2	-0.22	2.90E-01	1.00E+00	0.12	7.29E-01	9.63E-01
AC092687.3	-0.28	7.88E-01	1.00E+00	0.18	7.29E-01	9.63E-01
FGF13-AS1	0.28	8.54E-01	1.00E+00	-0.41	7.29E-01	9.63E-01
DDR1	-0.24	1.71E-01	1.00E+00	-0.16	7.29E-01	9.63E-01
DHX15	0.19	4.67E-01	1.00E+00	0.06	7.29E-01	9.63E-01
C1orf43	0.19	2.55E-01	1.00E+00	0.05	7.29E-01	9.63E-01
SIDT1	0.45	2.97E-01	1.00E+00	0.28	7.29E-01	9.64E-01
AP003108.2	2.33	2.69E-01	1.00E+00	-0.48	7.30E-01	9.64E-01
CLIC3	0.01	9.85E-01	1.00E+00	0.19	7.30E-01	9.64E-01
SRSF12	0.31	5.57E-01	1.00E+00	-0.25	7.30E-01	9.64E-01
DAAM2	0.29	4.82E-01	1.00E+00	0.22	7.30E-01	9.64E-01
NIPSNAP1	-0.05	8.06E-01	1.00E+00	0.06	7.30E-01	9.64E-01
AC003986.2	-0.02	9.88E-01	1.00E+00	0.27	7.30E-01	9.64E-01
TSACC	0.38	7.58E-01	1.00E+00	0.32	7.30E-01	9.64E-01
RAB39A	-2.59	1.48E-01	1.00E+00	1.09	7.30E-01	9.64E-01
EPS8L1	-0.04	9.39E-01	1.00E+00	0.22	7.30E-01	9.64E-01
AL353626.2	-2.36	4.90E-01	1.00E+00	0.30	7.30E-01	9.64E-01
STX12	0.30	8.33E-02	1.00E+00	-0.06	7.30E-01	9.64E-01

SORBS3	-0.32	2.05E-01	1.00E+00	0.14	7.30E-01	9.64E-01
KCNE2	0.43	9.01E-01	1.00E+00	-0.34	7.30E-01	9.64E-01
FAM110D	-0.38	2.70E-01	1.00E+00	-0.30	7.30E-01	9.64E-01
GOLGA5	-0.13	5.09E-01	1.00E+00	0.05	7.30E-01	9.64E-01
AC004854.2	0.41	5.01E-01	1.00E+00	0.34	7.30E-01	9.64E-01
BRSK2	-0.73	6.18E-01	1.00E+00	-0.39	7.30E-01	9.64E-01
AL391069.2	-0.12	9.73E-01	1.00E+00	0.22	7.30E-01	9.64E-01
ACACA	0.43	1.53E-01	1.00E+00	-0.12	7.30E-01	9.64E-01
C17orf80	-0.06	8.53E-01	1.00E+00	-0.12	7.31E-01	9.64E-01
G12586	-0.61	7.55E-01	1.00E+00	-0.37	7.31E-01	9.64E-01
BEST4	-2.32	7.57E-02	1.00E+00	0.38	7.31E-01	9.64E-01
DHRS2	2.51	1.50E-02	7.62E-01	-0.41	7.31E-01	9.64E-01
AC105219.3	-1.10	2.11E-01	1.00E+00	-0.42	7.31E-01	9.64E-01
PNO1	-0.13	5.82E-01	1.00E+00	0.09	7.31E-01	9.64E-01
HOMER3-AS1	-0.53	8.11E-01	1.00E+00	-0.39	7.31E-01	9.64E-01
WDR78	0.05	9.21E-01	1.00E+00	-0.13	7.31E-01	9.64E-01
AC120036.3	0.57	6.09E-01	1.00E+00	0.36	7.31E-01	9.64E-01
HORMAD1	-2.67	3.83E-01	1.00E+00	-0.40	7.31E-01	9.64E-01
MZT2A	-0.08	7.28E-01	1.00E+00	-0.17	7.31E-01	9.64E-01
AC008147.2	1.85	4.14E-01	1.00E+00	0.36	7.31E-01	9.64E-01
SEMA3F	-0.16	6.53E-01	1.00E+00	0.23	7.31E-01	9.64E-01
TXNP5	-0.58	8.67E-01	1.00E+00	0.38	7.31E-01	9.64E-01
NLN	-0.14	5.21E-01	1.00E+00	0.08	7.31E-01	9.64E-01
NNT-AS1	0.17	6.14E-01	1.00E+00	-0.10	7.31E-01	9.64E-01
DARS2	-0.03	9.16E-01	1.00E+00	0.12	7.31E-01	9.64E-01
GABRA2	-0.09	9.15E-01	1.00E+00	0.31	7.31E-01	9.64E-01
LIPM	0.15	7.94E-01	1.00E+00	0.22	7.31E-01	9.64E-01
EPDR1	0.31	6.45E-01	1.00E+00	-0.24	7.32E-01	9.64E-01
UBE2I	0.15	4.49E-01	1.00E+00	0.12	7.32E-01	9.64E-01
IGFBP7	0.08	8.61E-01	1.00E+00	-0.20	7.32E-01	9.64E-01
MED14	-0.03	9.23E-01	1.00E+00	0.10	7.32E-01	9.64E-01
SNAP47	-0.09	6.32E-01	1.00E+00	0.06	7.32E-01	9.64E-01

EEF1DP7	-3.42	1.60E-01	1.00E+00	-0.42	7.32E-01	9.64E-01
KCNH4	-0.53	5.75E-01	1.00E+00	0.49	7.32E-01	9.64E-01
LMTK2	0.02	9.49E-01	1.00E+00	0.20	7.32E-01	9.64E-01
CES3	0.33	6.47E-01	1.00E+00	-0.34	7.32E-01	9.64E-01
PDXDC2P	-2.83	1.85E-01	1.00E+00	-0.38	7.32E-01	9.64E-01
MRPL3	-0.19	3.17E-01	1.00E+00	-0.06	7.32E-01	9.64E-01
NOMO2	0.02	9.66E-01	1.00E+00	0.24	7.32E-01	9.64E-01
FAM118B	0.10	7.40E-01	1.00E+00	0.11	7.32E-01	9.64E-01
PCDHB12	0.12	8.24E-01	1.00E+00	-0.26	7.32E-01	9.64E-01
ZNF425	0.07	8.36E-01	1.00E+00	-0.15	7.33E-01	9.64E-01
OXER1	-0.10	8.52E-01	1.00E+00	0.23	7.33E-01	9.64E-01
SPIN1	0.12	4.91E-01	1.00E+00	-0.07	7.33E-01	9.64E-01
EXOSC9	-0.11	6.18E-01	1.00E+00	-0.08	7.33E-01	9.64E-01
METTL7A	0.83	1.23E-02	6.93E-01	0.12	7.33E-01	9.64E-01
NUFIP1	-0.29	1.66E-01	1.00E+00	0.07	7.33E-01	9.64E-01
CHTF8	-0.18	2.06E-01	1.00E+00	0.07	7.33E-01	9.64E-01
AP000845.1	4.70	1.21E-01	1.00E+00	0.45	7.33E-01	9.64E-01
ZNF727	1.79	2.03E-02	8.88E-01	-0.17	7.33E-01	9.64E-01
CLDN14	0.02	9.89E-01	1.00E+00	0.33	7.33E-01	9.64E-01
DBF4	-0.27	4.19E-01	1.00E+00	0.07	7.33E-01	9.64E-01
ZNF436	0.19	3.83E-01	1.00E+00	0.11	7.33E-01	9.64E-01
AC026471.2	-2.29	2.77E-01	1.00E+00	-0.29	7.33E-01	9.64E-01
CPED1	0.65	2.88E-01	1.00E+00	-0.16	7.33E-01	9.64E-01
FAM25G	-0.56	8.73E-01	1.00E+00	-0.28	7.33E-01	9.64E-01
UBXN10	-0.27	4.82E-01	1.00E+00	0.17	7.33E-01	9.64E-01
TLK2	-0.17	3.31E-01	1.00E+00	0.13	7.33E-01	9.64E-01
PHLPP1	-0.30	5.81E-02	1.00E+00	0.17	7.33E-01	9.64E-01
AC027277.2	-0.58	5.52E-01	1.00E+00	-0.34	7.33E-01	9.64E-01
EP300	-0.43	6.56E-02	1.00E+00	0.14	7.33E-01	9.64E-01
RGS14	-0.52	2.29E-01	1.00E+00	0.13	7.33E-01	9.64E-01
TPP2	0.19	5.17E-01	1.00E+00	0.08	7.33E-01	9.64E-01
MED23	0.42	2.15E-01	1.00E+00	-0.11	7.33E-01	9.64E-01

XLOC_003544	2.14	4.67E-01	1.00E+00	-0.32	7.33E-01	9.64E-01
AMN1	0.12	7.61E-01	1.00E+00	-0.14	7.33E-01	9.64E-01
ZNF213	-0.33	1.87E-01	1.00E+00	0.19	7.33E-01	9.64E-01
HIVEP2	-0.34	9.50E-02	1.00E+00	0.18	7.33E-01	9.64E-01
STK25	-0.07	7.52E-01	1.00E+00	-0.11	7.33E-01	9.64E-01
AL049840.4	0.27	5.07E-01	1.00E+00	0.13	7.34E-01	9.64E-01
IGHMBP2	-0.23	3.13E-01	1.00E+00	0.08	7.34E-01	9.64E-01
TRIM10	-2.19	1.90E-01	1.00E+00	1.08	7.34E-01	9.64E-01
KLKP1	-0.27	8.03E-01	1.00E+00	0.26	7.34E-01	9.64E-01
KIAA1551	-0.35	1.37E-01	1.00E+00	0.10	7.34E-01	9.64E-01
XDH	-0.42	4.47E-01	1.00E+00	-0.28	7.34E-01	9.64E-01
PRMT7	0.16	4.81E-01	1.00E+00	0.05	7.34E-01	9.64E-01
PTGES3P1	-0.07	8.56E-01	1.00E+00	0.18	7.34E-01	9.64E-01
CDKN2D	0.03	9.16E-01	1.00E+00	-0.10	7.34E-01	9.64E-01
KCNC4	-0.19	6.34E-01	1.00E+00	0.15	7.34E-01	9.64E-01
ELOVL4	0.16	7.81E-01	1.00E+00	0.19	7.34E-01	9.64E-01
TPTEP1	-0.76	4.87E-02	1.00E+00	-0.14	7.34E-01	9.64E-01
AC002470.1	-0.35	6.69E-01	1.00E+00	-0.16	7.34E-01	9.64E-01
SLC13A4	-0.37	6.68E-01	1.00E+00	-0.22	7.34E-01	9.64E-01
POLR3D	-0.01	9.69E-01	1.00E+00	0.14	7.34E-01	9.64E-01
C18orf21	0.03	9.16E-01	1.00E+00	0.06	7.34E-01	9.64E-01
RPL24P4	-0.53	5.48E-01	1.00E+00	0.30	7.34E-01	9.64E-01
PAX8	-0.15	7.94E-01	1.00E+00	0.19	7.34E-01	9.64E-01
KRT7	1.01	2.24E-01	1.00E+00	-0.24	7.34E-01	9.64E-01
AC064799.1	0.05	9.29E-01	1.00E+00	-0.22	7.34E-01	9.64E-01
AL136084.2	-10.68	1.81E-03	2.38E-01	-0.88	7.34E-01	9.64E-01
CMTM2	-2.20	2.44E-01	1.00E+00	0.39	7.34E-01	9.64E-01
AL928654.1	0.85	3.33E-01	1.00E+00	-0.26	7.34E-01	9.64E-01
XLOC_007462	-0.09	7.73E-01	1.00E+00	-0.17	7.34E-01	9.64E-01
MAPKAP1	0.07	7.10E-01	1.00E+00	-0.17	7.34E-01	9.64E-01
EIF4A3	-0.25	3.72E-01	1.00E+00	0.08	7.35E-01	9.64E-01
KLF4	-0.28	5.82E-01	1.00E+00	0.13	7.35E-01	9.64E-01

PSMD3	-0.14	5.93E-01	1.00E+00	0.12	7.35E-01	9.64E-01
GSC	0.61	2.65E-01	1.00E+00	0.33	7.35E-01	9.64E-01
LINC01004	-0.26	8.03E-01	1.00E+00	0.18	7.35E-01	9.64E-01
MIR621	-0.22	6.17E-01	1.00E+00	0.45	7.35E-01	9.64E-01
SEC61B	-0.02	8.82E-01	1.00E+00	-0.08	7.35E-01	9.64E-01
AC104109.2	-0.93	1.93E-01	1.00E+00	0.17	7.35E-01	9.64E-01
ACAA1	-0.21	3.88E-01	1.00E+00	0.09	7.35E-01	9.64E-01
AC245100.4	0.49	7.86E-01	1.00E+00	0.29	7.35E-01	9.64E-01
MAPRE2	0.04	8.50E-01	1.00E+00	-0.10	7.35E-01	9.64E-01
TEX11	-2.08	2.53E-01	1.00E+00	0.42	7.35E-01	9.64E-01
RPL23AP57	NA	NA	NA	0.37	7.35E-01	9.64E-01
PRSS8	-0.15	7.52E-01	1.00E+00	0.19	7.35E-01	9.64E-01
PTGES3L	-4.61	1.75E-02	8.33E-01	0.32	7.35E-01	9.64E-01
USP25	-0.02	9.03E-01	1.00E+00	-0.17	7.35E-01	9.64E-01
KRBA2	-0.38	4.98E-01	1.00E+00	-0.17	7.35E-01	9.64E-01
CUL9	-0.11	5.82E-01	1.00E+00	0.16	7.35E-01	9.64E-01
TCP11L2	0.10	6.74E-01	1.00E+00	-0.13	7.35E-01	9.64E-01
SLC26A3	0.92	6.94E-01	1.00E+00	-0.42	7.35E-01	9.64E-01
WDR6	-0.38	1.72E-01	1.00E+00	0.14	7.35E-01	9.64E-01
EEF1A1P3	0.79	5.40E-01	1.00E+00	-0.28	7.35E-01	9.64E-01
TSNAXIP1	-1.14	1.58E-01	1.00E+00	-0.32	7.35E-01	9.64E-01
KRTAP4-1	-2.42	4.64E-01	1.00E+00	-1.08	7.35E-01	9.64E-01
ZNF451	0.08	7.26E-01	1.00E+00	0.10	7.35E-01	9.64E-01
G25291	0.58	6.56E-01	1.00E+00	0.42	7.35E-01	9.64E-01
AC023424.2	-0.11	9.20E-01	1.00E+00	-0.38	7.35E-01	9.64E-01
AC010970.1	-0.38	3.84E-01	1.00E+00	-0.27	7.35E-01	9.64E-01
EFHB	-1.00	2.88E-01	1.00E+00	-0.25	7.35E-01	9.64E-01
AC093904.2	0.42	6.62E-01	1.00E+00	0.34	7.35E-01	9.64E-01
AC087473.1	-1.96	5.91E-02	1.00E+00	0.38	7.36E-01	9.64E-01
ZSCAN32	0.13	6.30E-01	1.00E+00	-0.07	7.36E-01	9.64E-01
C8orf76	0.31	7.39E-01	1.00E+00	-0.16	7.36E-01	9.64E-01
DAPP1	0.41	4.20E-01	1.00E+00	0.14	7.36E-01	9.64E-01

RP1L1	-0.24	6.37E-01	1.00E+00	-0.70	7.36E-01	9.64E-01
CLASP2	0.01	9.66E-01	1.00E+00	-0.09	7.36E-01	9.64E-01
OCLN	0.40	1.94E-01	1.00E+00	-0.16	7.36E-01	9.64E-01
AC007376.2	2.85	2.51E-01	1.00E+00	0.39	7.36E-01	9.64E-01
AC019330.1	-0.22	9.33E-01	1.00E+00	-0.58	7.36E-01	9.64E-01
AL137796.1	-1.55	5.69E-01	1.00E+00	-0.32	7.36E-01	9.64E-01
PKHD1	-0.86	1.00E-01	1.00E+00	-0.34	7.36E-01	9.64E-01
MAPKAPK5-AS1	0.40	2.19E-01	1.00E+00	-0.13	7.36E-01	9.64E-01
AC105052.4	-0.42	5.86E-01	1.00E+00	0.19	7.36E-01	9.64E-01
AL162274.2	-0.26	7.78E-01	1.00E+00	0.19	7.36E-01	9.64E-01
SDF2L1	-0.38	5.73E-02	1.00E+00	0.11	7.36E-01	9.64E-01
JAZF1	0.24	3.67E-01	1.00E+00	-0.10	7.36E-01	9.64E-01
GPR89A	-0.12	6.08E-01	1.00E+00	-0.08	7.36E-01	9.64E-01
LINC01359	-2.03	3.89E-01	1.00E+00	-0.38	7.36E-01	9.64E-01
EEF1DP1	-0.06	9.23E-01	1.00E+00	-0.23	7.36E-01	9.65E-01
LINC00513	2.21	1.00E-01	1.00E+00	0.28	7.36E-01	9.65E-01
IGKV1-17	4.05	1.27E-01	1.00E+00	1.08	7.36E-01	9.65E-01
AC007842.1	-2.74	4.15E-02	1.00E+00	0.46	7.36E-01	9.65E-01
IGFL4	-1.07	1.28E-01	1.00E+00	0.23	7.36E-01	9.65E-01
KRTAP10-5	-18.79	2.66E-08	1.20E-05	-1.08	7.36E-01	9.65E-01
C20orf202	0.49	3.54E-01	1.00E+00	0.25	7.37E-01	9.65E-01
ADH4	1.24	4.25E-01	1.00E+00	-0.38	7.37E-01	9.65E-01
CCDC148	0.34	6.18E-01	1.00E+00	0.25	7.37E-01	9.65E-01
MCPH1-AS1	0.11	7.97E-01	1.00E+00	-0.14	7.37E-01	9.65E-01
FSD1L	0.29	7.82E-01	1.00E+00	-0.24	7.37E-01	9.65E-01
CNST	0.10	7.29E-01	1.00E+00	-0.07	7.37E-01	9.65E-01
RFX3-AS1	0.79	2.98E-01	1.00E+00	0.17	7.37E-01	9.65E-01
AC136475.2	-0.27	5.99E-01	1.00E+00	0.23	7.37E-01	9.65E-01
AMACR	-0.53	5.33E-01	1.00E+00	0.17	7.37E-01	9.65E-01
AC006141.1	3.12	3.08E-02	1.00E+00	0.27	7.37E-01	9.65E-01
SEH1L	0.06	8.08E-01	1.00E+00	-0.09	7.37E-01	9.65E-01
PCDHA13	-1.93	1.95E-01	1.00E+00	-0.58	7.37E-01	9.65E-01

SCLT1	-0.22	4.58E-01	1.00E+00	-0.07	7.37E-01	9.65E-01
G25515	-1.50	5.47E-01	1.00E+00	-0.40	7.37E-01	9.65E-01
LINC00115	-1.37	2.19E-01	1.00E+00	0.23	7.37E-01	9.65E-01
TFAP2A	-0.45	2.13E-01	1.00E+00	0.18	7.37E-01	9.65E-01
SINHCAF	0.01	9.81E-01	1.00E+00	-0.09	7.37E-01	9.65E-01
TMEM170B	1.14	1.12E-01	1.00E+00	-0.20	7.37E-01	9.65E-01
LRRTM4	0.08	9.66E-01	1.00E+00	-0.43	7.37E-01	9.65E-01
SNORC	1.01	2.59E-01	1.00E+00	0.26	7.37E-01	9.65E-01
EWSAT1	2.55	3.21E-02	1.00E+00	0.34	7.37E-01	9.65E-01
KCNJ3	-1.69	5.54E-01	1.00E+00	-0.20	7.38E-01	9.65E-01
AC092910.3	0.16	7.86E-01	1.00E+00	-0.27	7.38E-01	9.65E-01
SUMF1	0.09	6.75E-01	1.00E+00	0.08	7.38E-01	9.65E-01
UBE2J2	-0.18	4.37E-01	1.00E+00	0.05	7.38E-01	9.65E-01
GIPR	-1.66	2.13E-02	8.94E-01	0.17	7.38E-01	9.65E-01
STK38L	0.17	4.95E-01	1.00E+00	-0.08	7.38E-01	9.65E-01
MYL12A	0.09	5.60E-01	1.00E+00	-0.10	7.38E-01	9.65E-01
XLOC_009810	-0.80	8.18E-01	1.00E+00	-0.49	7.38E-01	9.65E-01
AL136162.1	-2.20	8.98E-03	5.88E-01	-0.32	7.38E-01	9.65E-01
DEAF1	-0.39	8.79E-02	1.00E+00	-0.14	7.38E-01	9.65E-01
HOMEZ	0.18	5.72E-01	1.00E+00	-0.13	7.38E-01	9.65E-01
HCG27	1.24	2.55E-01	1.00E+00	0.32	7.38E-01	9.65E-01
LAMTOR5-AS1	-0.33	6.95E-01	1.00E+00	-0.20	7.38E-01	9.65E-01
STARD6	1.95	2.87E-01	1.00E+00	0.49	7.38E-01	9.65E-01
LINC01637	-3.18	2.10E-02	8.94E-01	-0.25	7.38E-01	9.65E-01
KLHL20	-0.08	6.64E-01	1.00E+00	0.06	7.38E-01	9.65E-01
TES	-0.15	4.30E-01	1.00E+00	-0.05	7.38E-01	9.65E-01
RPL21P134	2.33	4.95E-01	1.00E+00	0.26	7.38E-01	9.65E-01
AC087481.3	0.16	6.97E-01	1.00E+00	0.25	7.38E-01	9.65E-01
RIMS4	1.24	3.98E-01	1.00E+00	0.41	7.38E-01	9.65E-01
AC010969.1	4.37	9.55E-02	1.00E+00	-0.40	7.38E-01	9.65E-01
XLOC_006335	-0.26	7.49E-01	1.00E+00	0.31	7.39E-01	9.65E-01
XLOC_011031	-0.80	2.73E-01	1.00E+00	-0.22	7.39E-01	9.65E-01

GNG7	-0.03	9.63E-01	1.00E+00	-0.14	7.39E-01	9.65E-01
MDGA2	-0.28	6.91E-01	1.00E+00	-0.35	7.39E-01	9.65E-01
RPGR	0.41	7.54E-02	1.00E+00	0.11	7.39E-01	9.65E-01
G35484	-1.23	7.24E-01	1.00E+00	1.06	7.39E-01	9.65E-01
AC087741.3	1.00	4.81E-02	1.00E+00	0.26	7.39E-01	9.65E-01
XLOC_005180	-1.52	1.85E-01	1.00E+00	0.35	7.39E-01	9.65E-01
COPS6	-0.06	7.51E-01	1.00E+00	-0.08	7.39E-01	9.65E-01
G11188	0.49	6.70E-02	1.00E+00	-0.18	7.39E-01	9.65E-01
XLOC_011677	-2.12	2.29E-01	1.00E+00	0.49	7.39E-01	9.65E-01
SLC26A11	-0.21	4.29E-01	1.00E+00	0.18	7.39E-01	9.65E-01
AL031775.2	2.30	3.94E-02	1.00E+00	0.34	7.39E-01	9.65E-01
SNRPGP2	-0.55	7.91E-01	1.00E+00	-0.19	7.39E-01	9.65E-01
CBX4	-0.84	3.02E-02	1.00E+00	-0.23	7.39E-01	9.65E-01
TMBIM1	0.21	1.62E-01	1.00E+00	-0.06	7.39E-01	9.65E-01
XLOC_003406	0.57	4.68E-01	1.00E+00	-0.39	7.39E-01	9.65E-01
NCOA4	0.06	7.68E-01	1.00E+00	-0.06	7.39E-01	9.65E-01
TRAPPC12	-0.21	4.80E-01	1.00E+00	-0.16	7.39E-01	9.65E-01
GATA2	0.55	1.62E-01	1.00E+00	0.22	7.39E-01	9.65E-01
FZD9	0.36	2.57E-01	1.00E+00	-0.29	7.39E-01	9.65E-01
FAM215B	1.39	3.81E-01	1.00E+00	0.36	7.40E-01	9.65E-01
SNORA7	-1.45	5.00E-01	1.00E+00	0.24	7.40E-01	9.65E-01
ARSE	-0.38	5.46E-01	1.00E+00	0.24	7.40E-01	9.66E-01
CFAP77	-0.90	7.47E-01	1.00E+00	0.39	7.40E-01	9.66E-01
MRPS27	-0.09	6.53E-01	1.00E+00	0.05	7.40E-01	9.66E-01
CMTM5	0.47	5.00E-01	1.00E+00	-0.21	7.40E-01	9.66E-01
AC110285.1	-0.05	9.20E-01	1.00E+00	0.26	7.40E-01	9.66E-01
LINC01198	0.91	5.51E-01	1.00E+00	-0.31	7.40E-01	9.66E-01
CCND1	0.37	6.38E-02	1.00E+00	-0.11	7.40E-01	9.66E-01
LINC01869	-2.54	2.19E-01	1.00E+00	-0.40	7.40E-01	9.66E-01
LRRC37B	-0.04	9.30E-01	1.00E+00	-0.14	7.40E-01	9.66E-01
PEX10	-0.29	2.75E-01	1.00E+00	-0.11	7.40E-01	9.66E-01
KLK11	-0.07	8.62E-01	1.00E+00	-0.19	7.40E-01	9.66E-01

NLRP6	-1.69	2.31E-02	9.12E-01	0.99	7.40E-01	9.66E-01
PCSK1N	-0.85	1.10E-01	1.00E+00	0.21	7.40E-01	9.66E-01
RB1CC1	0.09	7.36E-01	1.00E+00	-0.07	7.40E-01	9.66E-01
ATP5F1AP3	0.36	8.97E-01	1.00E+00	-0.25	7.40E-01	9.66E-01
CFAP57	0.49	5.84E-01	1.00E+00	0.21	7.41E-01	9.66E-01
TM9SF1	0.11	7.47E-01	1.00E+00	-0.09	7.41E-01	9.66E-01
G10019	0.82	6.82E-01	1.00E+00	0.46	7.41E-01	9.66E-01
SRP54	0.01	9.45E-01	1.00E+00	-0.05	7.41E-01	9.66E-01
G23966	0.57	5.38E-01	1.00E+00	0.21	7.41E-01	9.66E-01
LMNB2	-0.07	7.30E-01	1.00E+00	0.20	7.41E-01	9.66E-01
CMTM1	0.22	6.80E-01	1.00E+00	0.19	7.41E-01	9.66E-01
XLOC_001286	-0.87	6.50E-01	1.00E+00	0.70	7.41E-01	9.66E-01
CCDC149	-0.05	8.68E-01	1.00E+00	0.16	7.41E-01	9.66E-01
KRTAP10-12	-30.00	3.46E-18	5.54E-15	-1.06	7.41E-01	9.66E-01
AQP1	0.01	9.81E-01	1.00E+00	-0.15	7.41E-01	9.66E-01
DIRAS2	-1.60	1.32E-02	7.22E-01	0.28	7.41E-01	9.66E-01
Z83851.2	-2.14	2.36E-02	9.15E-01	0.31	7.42E-01	9.66E-01
MRPL37	-0.19	3.22E-01	1.00E+00	0.08	7.42E-01	9.66E-01
SPA17	-0.05	9.23E-01	1.00E+00	-0.11	7.42E-01	9.66E-01
RSPH14	-0.39	3.46E-01	1.00E+00	0.25	7.42E-01	9.66E-01
PUF60	-0.39	1.29E-01	1.00E+00	0.06	7.42E-01	9.66E-01
DEK	-0.03	8.85E-01	1.00E+00	-0.06	7.42E-01	9.66E-01
TRPV2	0.09	8.20E-01	1.00E+00	0.18	7.42E-01	9.66E-01
RSRC1	-0.12	5.53E-01	1.00E+00	-0.07	7.42E-01	9.66E-01
CIPC	-0.21	4.54E-01	1.00E+00	-0.09	7.42E-01	9.66E-01
ZSCAN9	-0.05	8.94E-01	1.00E+00	0.14	7.42E-01	9.66E-01
G9222	-0.02	9.81E-01	1.00E+00	0.33	7.42E-01	9.66E-01
TDP1	-0.07	7.75E-01	1.00E+00	0.08	7.42E-01	9.66E-01
NOXRED1	0.30	8.23E-01	1.00E+00	0.41	7.42E-01	9.66E-01
AC011379.1	-0.06	9.86E-01	1.00E+00	-0.39	7.42E-01	9.66E-01
TAF1D	-0.15	3.14E-01	1.00E+00	0.08	7.43E-01	9.66E-01
RPS2	-0.44	1.83E-01	1.00E+00	-0.19	7.43E-01	9.66E-01

AHNAK2	-0.25	5.34E-01	1.00E+00	0.15	7.43E-01	9.66E-01
MRRF	-0.43	6.63E-02	1.00E+00	-0.06	7.43E-01	9.66E-01
NPIPP1	0.20	8.23E-01	1.00E+00	-0.19	7.43E-01	9.66E-01
FAM192BP	-1.52	5.23E-01	1.00E+00	-0.19	7.43E-01	9.66E-01
M1AP	-0.70	4.24E-01	1.00E+00	0.28	7.43E-01	9.66E-01
GDF9	-0.31	5.61E-01	1.00E+00	-0.31	7.43E-01	9.66E-01
AC027117.1	1.27	3.66E-01	1.00E+00	-0.27	7.43E-01	9.66E-01
GTF3C5	-0.23	2.94E-01	1.00E+00	0.06	7.43E-01	9.66E-01
RBM23	0.03	8.45E-01	1.00E+00	0.09	7.43E-01	9.66E-01
AC116913.1	-0.88	3.07E-01	1.00E+00	0.18	7.43E-01	9.66E-01
AC025035.1	-0.24	8.53E-01	1.00E+00	0.43	7.43E-01	9.66E-01
API5P1	0.91	7.69E-01	1.00E+00	0.18	7.43E-01	9.66E-01
WWC2	0.33	4.45E-01	1.00E+00	0.15	7.43E-01	9.66E-01
GBP7	4.18	1.67E-01	1.00E+00	0.30	7.43E-01	9.66E-01
UNC79	-0.53	5.16E-01	1.00E+00	-0.27	7.43E-01	9.66E-01
PROS1	0.15	4.33E-01	1.00E+00	-0.09	7.43E-01	9.66E-01
GLYATL1	0.53	4.47E-01	1.00E+00	-0.21	7.43E-01	9.66E-01
ASXL2	-0.10	6.22E-01	1.00E+00	0.11	7.43E-01	9.66E-01
STX2	0.33	4.38E-01	1.00E+00	-0.16	7.43E-01	9.66E-01
AL109614.1	2.79	2.01E-01	1.00E+00	-0.38	7.43E-01	9.66E-01
ACTR1A	-0.02	8.57E-01	1.00E+00	0.05	7.43E-01	9.66E-01
CASP3	-0.02	9.32E-01	1.00E+00	0.08	7.43E-01	9.66E-01
MAIP1	-0.03	8.92E-01	1.00E+00	-0.09	7.43E-01	9.66E-01
AP005136.2	-1.44	6.75E-01	1.00E+00	0.45	7.43E-01	9.66E-01
PKD1L2	0.56	4.08E-01	1.00E+00	0.75	7.43E-01	9.66E-01
TNFRSF10A	-0.50	4.80E-02	1.00E+00	0.12	7.43E-01	9.66E-01
DSC3	-0.10	7.84E-01	1.00E+00	-0.19	7.44E-01	9.66E-01
CDT1	-0.77	1.78E-02	8.38E-01	0.18	7.44E-01	9.66E-01
JMJD7	-1.57	4.05E-01	1.00E+00	-0.27	7.44E-01	9.66E-01
AL512598.1	-2.45	3.77E-01	1.00E+00	0.27	7.44E-01	9.66E-01
NSUN5P1	-0.21	4.99E-01	1.00E+00	-0.10	7.44E-01	9.66E-01
FANK1	0.64	5.62E-02	1.00E+00	0.12	7.44E-01	9.66E-01

GAD1	-0.04	9.72E-01	1.00E+00	0.40	7.44E-01	9.66E-01
BOP1	-0.41	2.34E-01	1.00E+00	-0.28	7.44E-01	9.66E-01
PDE6B	0.67	3.28E-01	1.00E+00	0.19	7.44E-01	9.66E-01
AL136084.3	1.63	6.32E-01	1.00E+00	-0.35	7.44E-01	9.66E-01
CKMT2-AS1	0.03	9.38E-01	1.00E+00	-0.12	7.44E-01	9.66E-01
LINC02073	-1.65	1.44E-01	1.00E+00	-0.39	7.44E-01	9.66E-01
AL365475.1	-1.60	6.34E-01	1.00E+00	-0.33	7.44E-01	9.66E-01
EFNA4	-0.11	7.05E-01	1.00E+00	-0.15	7.44E-01	9.66E-01
TNS4	-0.72	8.52E-02	1.00E+00	0.21	7.44E-01	9.66E-01
AP002495.1	0.25	5.45E-01	1.00E+00	0.15	7.44E-01	9.66E-01
H2AFY2	-0.32	2.21E-01	1.00E+00	-0.09	7.44E-01	9.66E-01
MALAT1	-0.01	9.87E-01	1.00E+00	0.10	7.44E-01	9.66E-01
MFSD3	-0.32	3.53E-01	1.00E+00	0.15	7.44E-01	9.66E-01
KCNMB2-AS1	NA	NA	NA	-0.42	7.44E-01	9.66E-01
ZNF780B	0.44	3.69E-01	1.00E+00	-0.13	7.44E-01	9.66E-01
CD99	0.71	6.59E-01	1.00E+00	-0.23	7.44E-01	9.66E-01
AL356488.2	-0.14	7.40E-01	1.00E+00	-0.14	7.44E-01	9.66E-01
FAM25A	-2.34	3.00E-01	1.00E+00	0.30	7.44E-01	9.66E-01
KCNT2	0.11	8.29E-01	1.00E+00	0.31	7.44E-01	9.66E-01
C6orf99	-0.02	9.76E-01	1.00E+00	0.24	7.44E-01	9.66E-01
DNAH10	0.07	9.19E-01	1.00E+00	-0.18	7.44E-01	9.66E-01
OR2A1	0.28	7.99E-01	1.00E+00	-0.39	7.44E-01	9.66E-01
UTRN	-0.21	3.21E-01	1.00E+00	0.09	7.44E-01	9.66E-01
FRRS1	0.38	3.63E-01	1.00E+00	0.24	7.44E-01	9.66E-01
AC008014.1	-0.01	9.85E-01	1.00E+00	-0.16	7.44E-01	9.66E-01
TMEM171	-1.08	7.86E-02	1.00E+00	-0.20	7.44E-01	9.66E-01
LINC02515	-0.33	7.50E-01	1.00E+00	0.34	7.44E-01	9.66E-01
RPL7P6	-0.83	6.36E-01	1.00E+00	0.31	7.44E-01	9.66E-01
RORC	-0.18	5.15E-01	1.00E+00	-0.14	7.44E-01	9.66E-01
RMND5A	0.28	3.03E-01	1.00E+00	-0.11	7.44E-01	9.66E-01
PNRC2	-0.01	9.53E-01	1.00E+00	0.06	7.44E-01	9.66E-01
AL683813.1	0.87	3.44E-01	1.00E+00	-0.29	7.45E-01	9.66E-01

RN7SKP230	-3.77	4.82E-02	1.00E+00	-0.28	7.45E-01	9.66E-01
RPL26P19	-0.49	3.19E-01	1.00E+00	-0.16	7.45E-01	9.66E-01
PSMD8	0.02	9.02E-01	1.00E+00	-0.05	7.45E-01	9.66E-01
HGD	3.47	2.13E-01	1.00E+00	-1.04	7.45E-01	9.66E-01
ATP13A1	-0.29	1.76E-01	1.00E+00	0.20	7.45E-01	9.66E-01
AEBP2	-0.12	6.64E-01	1.00E+00	-0.13	7.45E-01	9.66E-01
AL357140.5	0.09	9.50E-01	1.00E+00	0.39	7.45E-01	9.66E-01
IGFL3	0.12	7.87E-01	1.00E+00	-0.24	7.45E-01	9.66E-01
APOA1	-0.96	6.21E-01	1.00E+00	-0.22	7.45E-01	9.66E-01
TDRD10	0.66	1.42E-01	1.00E+00	-0.38	7.45E-01	9.66E-01
RPL13AP7	-0.46	6.37E-01	1.00E+00	0.26	7.45E-01	9.66E-01
MORF4L1P1	0.10	7.08E-01	1.00E+00	0.11	7.45E-01	9.66E-01
ARHGEF3	-0.46	1.96E-02	8.75E-01	0.09	7.45E-01	9.66E-01
ATXN2-AS	2.07	5.39E-01	1.00E+00	-0.34	7.45E-01	9.66E-01
G25045	-2.69	2.37E-01	1.00E+00	-0.43	7.45E-01	9.66E-01
ZNF43	0.07	8.41E-01	1.00E+00	-0.10	7.45E-01	9.66E-01
DPF3	-0.35	3.57E-01	1.00E+00	-0.20	7.45E-01	9.66E-01
CPM	0.21	3.26E-01	1.00E+00	-0.09	7.45E-01	9.66E-01
NIPAL2	0.01	9.88E-01	1.00E+00	-0.10	7.45E-01	9.66E-01
PXMP4	-0.39	2.53E-01	1.00E+00	-0.12	7.45E-01	9.66E-01
PARAL1	5.55	7.44E-03	5.24E-01	-0.35	7.45E-01	9.66E-01
THAP12	0.31	1.58E-01	1.00E+00	0.16	7.45E-01	9.66E-01
LHX4	-1.42	3.27E-01	1.00E+00	0.42	7.45E-01	9.66E-01
ZSCAN12P1	0.33	6.83E-01	1.00E+00	0.21	7.45E-01	9.66E-01
AC027228.2	1.17	3.46E-01	1.00E+00	-0.28	7.45E-01	9.66E-01
GCC1	-0.01	9.30E-01	1.00E+00	0.10	7.45E-01	9.66E-01
ARPC3P5	-0.80	8.18E-01	1.00E+00	0.26	7.45E-01	9.66E-01
TEX22	0.24	8.50E-01	1.00E+00	0.40	7.45E-01	9.66E-01
CASC11	-2.82	2.25E-01	1.00E+00	-0.33	7.45E-01	9.66E-01
PHAX	0.02	9.27E-01	1.00E+00	-0.07	7.45E-01	9.66E-01
PSME1	-0.09	7.10E-01	1.00E+00	0.06	7.45E-01	9.66E-01
LINC00648	-2.83	1.90E-01	1.00E+00	0.43	7.45E-01	9.66E-01

MKI67	-0.42	1.76E-01	1.00E+00	0.21	7.45E-01	9.66E-01
BRAF	0.01	9.46E-01	1.00E+00	0.09	7.45E-01	9.66E-01
RRNAD1	-0.10	5.46E-01	1.00E+00	0.09	7.45E-01	9.66E-01
C5orf51	0.04	8.40E-01	1.00E+00	0.11	7.45E-01	9.66E-01
G6277	0.72	1.44E-01	1.00E+00	0.20	7.46E-01	9.66E-01
SLC6A16	0.51	1.31E-01	1.00E+00	0.20	7.46E-01	9.66E-01
AC009902.2	-2.91	5.03E-02	1.00E+00	0.26	7.46E-01	9.66E-01
AC015802.6	0.23	8.04E-01	1.00E+00	-0.32	7.46E-01	9.66E-01
B3GNT2	-0.01	9.74E-01	1.00E+00	0.11	7.46E-01	9.66E-01
ARL4AP1	-2.93	1.17E-01	1.00E+00	-0.83	7.46E-01	9.66E-01
TTC38	0.62	6.09E-03	4.63E-01	-0.10	7.46E-01	9.66E-01
STOM	0.20	4.37E-01	1.00E+00	-0.10	7.46E-01	9.66E-01
RAMP2-AS1	0.21	7.16E-01	1.00E+00	0.63	7.46E-01	9.66E-01
AL157813.1	-1.19	3.82E-01	1.00E+00	0.21	7.46E-01	9.66E-01
PHBP19	0.36	9.16E-01	1.00E+00	0.43	7.46E-01	9.66E-01
AC104134.1	-2.73	2.39E-01	1.00E+00	-0.47	7.46E-01	9.66E-01
MTCO3P12	-0.42	3.34E-01	1.00E+00	-0.21	7.46E-01	9.66E-01
LINC02055	-2.84	9.86E-02	1.00E+00	-1.03	7.46E-01	9.66E-01
DNM1	0.11	8.04E-01	1.00E+00	0.19	7.46E-01	9.66E-01
ZDHHC11	0.26	7.38E-01	1.00E+00	0.32	7.46E-01	9.66E-01
AC012073.1	0.52	6.78E-01	1.00E+00	0.43	7.46E-01	9.66E-01
AURKB	0.09	7.87E-01	1.00E+00	0.18	7.46E-01	9.66E-01
CEP76	0.11	7.88E-01	1.00E+00	-0.08	7.47E-01	9.66E-01
AP001636.3	0.12	8.29E-01	1.00E+00	-0.17	7.47E-01	9.66E-01
HOXA4	-0.62	4.08E-01	1.00E+00	-0.23	7.47E-01	9.66E-01
ARHGEF35	0.14	7.50E-01	1.00E+00	-0.14	7.47E-01	9.66E-01
CARMN	0.29	6.81E-01	1.00E+00	-0.18	7.47E-01	9.66E-01
P4HTM	-0.08	7.27E-01	1.00E+00	-0.14	7.47E-01	9.66E-01
PTPRB	0.29	6.09E-01	1.00E+00	0.19	7.47E-01	9.66E-01
RPL22P2	0.56	6.95E-01	1.00E+00	-0.18	7.47E-01	9.66E-01
C2CD3	0.07	7.26E-01	1.00E+00	0.18	7.47E-01	9.66E-01
AL031777.1	-3.04	2.50E-02	9.28E-01	-0.47	7.47E-01	9.66E-01

ACOD1	NA	NA	NA	0.70	7.47E-01	9.66E-01
FREM1	0.77	7.26E-02	1.00E+00	-0.23	7.47E-01	9.66E-01
RAB38	0.04	9.33E-01	1.00E+00	0.20	7.47E-01	9.66E-01
ARL6IP6	0.11	7.70E-01	1.00E+00	-0.12	7.47E-01	9.66E-01
SUPT3H	0.06	8.71E-01	1.00E+00	0.11	7.47E-01	9.66E-01
HEIH	0.08	7.64E-01	1.00E+00	-0.11	7.47E-01	9.66E-01
RBBP6	-0.27	3.70E-01	1.00E+00	0.12	7.47E-01	9.66E-01
HSP90AB2P	-1.33	7.02E-01	1.00E+00	-0.20	7.47E-01	9.66E-01
FANCM	-0.59	2.15E-01	1.00E+00	-0.09	7.47E-01	9.66E-01
CST1	-5.85	7.91E-02	1.00E+00	-0.66	7.47E-01	9.66E-01
RALB	0.05	8.13E-01	1.00E+00	-0.08	7.47E-01	9.66E-01
XLOC_006923	-2.57	4.51E-01	1.00E+00	0.38	7.47E-01	9.66E-01
RAB41	1.26	1.47E-02	7.61E-01	-0.21	7.47E-01	9.66E-01
HERC4	0.16	6.05E-01	1.00E+00	0.06	7.48E-01	9.66E-01
CTNND1	-0.18	4.33E-01	1.00E+00	-0.07	7.48E-01	9.66E-01
AJ009632.2	-2.85	1.94E-01	1.00E+00	-0.44	7.48E-01	9.66E-01
FAM173A	-0.45	1.41E-01	1.00E+00	0.19	7.48E-01	9.66E-01
LMOD3	-0.06	9.64E-01	1.00E+00	-0.28	7.48E-01	9.66E-01
CEP57	0.27	2.99E-01	1.00E+00	-0.06	7.48E-01	9.66E-01
AL359091.5	0.29	8.29E-01	1.00E+00	0.33	7.48E-01	9.66E-01
TMPRSS11GP	4.69	6.76E-02	1.00E+00	-1.00	7.48E-01	9.66E-01
RNF165	-0.62	1.48E-01	1.00E+00	-0.18	7.48E-01	9.66E-01
PNKD	0.11	6.19E-01	1.00E+00	0.09	7.48E-01	9.66E-01
GSK3A	-0.07	7.55E-01	1.00E+00	0.16	7.48E-01	9.66E-01
AL358942.1	-2.66	4.18E-01	1.00E+00	-0.20	7.48E-01	9.66E-01
FER1L4	0.98	3.35E-01	1.00E+00	-0.37	7.48E-01	9.66E-01
LINC00624	0.45	6.60E-01	1.00E+00	-0.30	7.48E-01	9.66E-01
CARS	0.16	5.56E-01	1.00E+00	0.05	7.48E-01	9.66E-01
SMG1P4	-3.50	2.13E-01	1.00E+00	-0.33	7.48E-01	9.66E-01
KIAA2012	-3.70	4.08E-02	1.00E+00	-0.22	7.48E-01	9.66E-01
CDK14	0.21	6.74E-01	1.00E+00	0.13	7.48E-01	9.66E-01
GNL3	0.00	9.86E-01	1.00E+00	0.05	7.48E-01	9.66E-01

DHODH	0.17	3.95E-01	1.00E+00	0.09	7.48E-01	9.66E-01
FPGS	-0.09	7.59E-01	1.00E+00	0.12	7.49E-01	9.66E-01
DNAJC10	-0.10	7.03E-01	1.00E+00	-0.06	7.49E-01	9.67E-01
PPM1M	0.33	3.28E-01	1.00E+00	0.17	7.49E-01	9.67E-01
ALDH8A1	0.24	7.88E-01	1.00E+00	0.38	7.49E-01	9.67E-01
AL359922.2	-1.62	5.96E-01	1.00E+00	-0.54	7.49E-01	9.67E-01
INSR	0.33	3.27E-01	1.00E+00	-0.08	7.49E-01	9.67E-01
IGSF9B	-0.74	2.55E-01	1.00E+00	0.43	7.49E-01	9.67E-01
TIGD3	-1.93	1.44E-01	1.00E+00	0.35	7.49E-01	9.67E-01
AL161645.1	-3.01	3.19E-02	1.00E+00	0.42	7.49E-01	9.67E-01
ZNF671	0.65	1.26E-01	1.00E+00	0.19	7.49E-01	9.67E-01
TRH	-0.89	5.88E-01	1.00E+00	0.45	7.49E-01	9.67E-01
GDI2	0.00	9.83E-01	1.00E+00	-0.04	7.49E-01	9.67E-01
CEP295	0.15	5.85E-01	1.00E+00	-0.09	7.49E-01	9.67E-01
AC092756.1	-3.52	3.60E-02	1.00E+00	-0.29	7.49E-01	9.67E-01
AC100858.3	-3.43	1.19E-02	6.78E-01	-0.23	7.49E-01	9.67E-01
AC011495.1	0.03	9.80E-01	1.00E+00	0.20	7.49E-01	9.67E-01
AC133134.1	-0.67	8.48E-01	1.00E+00	-0.25	7.49E-01	9.67E-01
SPDL1	-0.11	7.26E-01	1.00E+00	-0.09	7.49E-01	9.67E-01
ZNF414	-0.51	1.77E-01	1.00E+00	-0.19	7.49E-01	9.67E-01
SMARCA4	-0.31	1.65E-01	1.00E+00	0.12	7.49E-01	9.67E-01
LYG2	-4.53	7.65E-02	1.00E+00	-1.01	7.50E-01	9.67E-01
PTBP3	0.07	8.27E-01	1.00E+00	-0.11	7.50E-01	9.67E-01
LINC01106	-1.04	1.99E-01	1.00E+00	-0.22	7.50E-01	9.67E-01
AL353898.2	1.59	4.07E-01	1.00E+00	0.39	7.50E-01	9.67E-01
MOGS	-0.30	3.09E-01	1.00E+00	0.16	7.50E-01	9.67E-01
ATR	0.09	6.03E-01	1.00E+00	-0.12	7.50E-01	9.67E-01
AC008663.2	-0.28	7.96E-01	1.00E+00	-0.40	7.50E-01	9.67E-01
HECA	0.16	6.23E-01	1.00E+00	-0.08	7.50E-01	9.67E-01
BZW1	0.00	9.89E-01	1.00E+00	-0.07	7.50E-01	9.67E-01
IGLV5-45	0.74	8.28E-01	1.00E+00	1.02	7.50E-01	9.67E-01
RAD9B	0.11	8.87E-01	1.00E+00	0.26	7.50E-01	9.67E-01

KIZ	-0.13	5.96E-01	1.00E+00	-0.09	7.50E-01	9.67E-01
FGD6	-0.04	9.10E-01	1.00E+00	-0.13	7.50E-01	9.67E-01
LINC00910	-0.51	2.67E-01	1.00E+00	0.09	7.50E-01	9.67E-01
MARS2	-0.25	3.57E-01	1.00E+00	-0.13	7.50E-01	9.67E-01
CCDC151	-0.48	4.25E-01	1.00E+00	-0.30	7.50E-01	9.67E-01
AC090912.1	-0.56	7.00E-01	1.00E+00	0.21	7.50E-01	9.67E-01
HSD3B7	0.05	8.65E-01	1.00E+00	-0.10	7.50E-01	9.67E-01
AL365357.1	-3.10	7.64E-02	1.00E+00	-1.00	7.50E-01	9.67E-01
CYP2C18	-1.09	1.12E-01	1.00E+00	-0.23	7.50E-01	9.67E-01
LINC02381	0.36	3.10E-01	1.00E+00	0.10	7.50E-01	9.67E-01
DEDD	0.08	6.60E-01	1.00E+00	-0.07	7.50E-01	9.67E-01
KL	0.20	7.60E-01	1.00E+00	-0.25	7.50E-01	9.67E-01
APBA1	0.00	9.99E-01	1.00E+00	0.22	7.50E-01	9.67E-01
CTD-2173L22.4	-0.41	4.54E-01	1.00E+00	-0.20	7.50E-01	9.67E-01
MED14OS	-1.85	3.20E-01	1.00E+00	-0.24	7.51E-01	9.67E-01
LINC02086	-2.23	5.15E-01	1.00E+00	0.61	7.51E-01	9.67E-01
PLA2G4E-AS1	1.01	2.25E-01	1.00E+00	0.28	7.51E-01	9.67E-01
WDFY3	-0.01	9.76E-01	1.00E+00	0.15	7.51E-01	9.67E-01
NEDD9	0.07	9.10E-01	1.00E+00	-0.17	7.51E-01	9.67E-01
HDHD5	0.12	5.18E-01	1.00E+00	-0.04	7.51E-01	9.67E-01
XLOC_004049	-2.29	5.04E-01	1.00E+00	0.37	7.51E-01	9.67E-01
RPL32	-0.16	5.80E-01	1.00E+00	0.07	7.51E-01	9.67E-01
G19170	1.27	4.21E-01	1.00E+00	0.32	7.51E-01	9.67E-01
AC025887.2	0.59	6.37E-01	1.00E+00	-0.38	7.51E-01	9.67E-01
KCTD18	0.02	9.36E-01	1.00E+00	-0.08	7.51E-01	9.67E-01
EAF2	-0.21	5.33E-01	1.00E+00	0.12	7.51E-01	9.67E-01
ASAP3	0.03	9.06E-01	1.00E+00	0.09	7.51E-01	9.67E-01
ARNTL2	-0.03	9.64E-01	1.00E+00	-0.14	7.51E-01	9.67E-01
KRIT1	0.10	7.92E-01	1.00E+00	-0.11	7.51E-01	9.67E-01
CFAP410	-0.26	4.64E-01	1.00E+00	0.08	7.51E-01	9.67E-01
LINC00885	-0.65	1.76E-01	1.00E+00	0.21	7.51E-01	9.67E-01
ASB7	-0.03	9.10E-01	1.00E+00	0.08	7.51E-01	9.67E-01

RPL13AP5	-0.17	5.23E-01	1.00E+00	0.18	7.51E-01	9.67E-01
LOXHD1	-0.50	6.49E-01	1.00E+00	0.38	7.51E-01	9.67E-01
COQ10B	-0.15	5.85E-01	1.00E+00	-0.09	7.51E-01	9.67E-01
ZNF514	-0.12	6.84E-01	1.00E+00	0.09	7.51E-01	9.67E-01
RPRD2	-0.11	6.24E-01	1.00E+00	0.08	7.51E-01	9.67E-01
PPP2R3C	0.14	7.11E-01	1.00E+00	0.11	7.52E-01	9.67E-01
ANP32AP1	-1.91	3.22E-01	1.00E+00	0.25	7.52E-01	9.67E-01
UBE2D3	0.05	7.74E-01	1.00E+00	-0.06	7.52E-01	9.67E-01
STRN3	0.05	8.38E-01	1.00E+00	0.08	7.52E-01	9.67E-01
SRP68	-0.02	9.21E-01	1.00E+00	-0.07	7.52E-01	9.67E-01
AC139887.2	-0.10	9.08E-01	1.00E+00	0.14	7.52E-01	9.67E-01
IKBIP	0.09	8.20E-01	1.00E+00	0.18	7.52E-01	9.67E-01
MYL4	-2.01	1.65E-01	1.00E+00	0.30	7.52E-01	9.67E-01
RP1-12G14.6	-1.24	7.19E-01	1.00E+00	0.59	7.52E-01	9.67E-01
NHP2	-0.10	6.61E-01	1.00E+00	0.11	7.52E-01	9.67E-01
CDCA4P4	1.26	8.64E-02	1.00E+00	0.26	7.52E-01	9.67E-01
MGA	-0.05	8.84E-01	1.00E+00	-0.12	7.52E-01	9.67E-01
KIAA1549L	-1.10	8.70E-05	2.21E-02	-0.21	7.52E-01	9.67E-01
G34066	0.85	4.69E-01	1.00E+00	0.41	7.52E-01	9.67E-01
FAM228A	-0.45	6.31E-01	1.00E+00	-0.27	7.52E-01	9.67E-01
CHN2	0.16	6.47E-01	1.00E+00	0.17	7.52E-01	9.67E-01
KRTAP2-4	-30.00	4.60E-18	5.54E-15	-1.01	7.52E-01	9.67E-01
FKTN	0.25	4.02E-01	1.00E+00	0.09	7.52E-01	9.67E-01
AADA2L2	0.35	5.30E-01	1.00E+00	-0.20	7.52E-01	9.67E-01
AL157756.1	1.14	1.98E-01	1.00E+00	0.37	7.52E-01	9.67E-01
RPL34P34	0.56	8.71E-01	1.00E+00	-0.24	7.52E-01	9.67E-01
STARD4	-0.91	1.14E-01	1.00E+00	0.08	7.52E-01	9.67E-01
HCG20	1.75	1.17E-01	1.00E+00	0.34	7.52E-01	9.67E-01
AC010864.1	-0.01	9.94E-01	1.00E+00	-0.32	7.52E-01	9.67E-01
ZNF169	-0.43	2.42E-01	1.00E+00	-0.16	7.52E-01	9.67E-01
KRT24	1.64	6.31E-01	1.00E+00	1.01	7.52E-01	9.67E-01
RRP1B	-0.12	5.81E-01	1.00E+00	-0.11	7.53E-01	9.67E-01

CTDP1	-0.26	4.55E-01	1.00E+00	0.23	7.53E-01	9.67E-01
ABLIM2	-0.31	3.22E-01	1.00E+00	0.14	7.53E-01	9.67E-01
AC018647.2	0.00	9.80E-01	1.00E+00	-0.09	7.53E-01	9.67E-01
LINC00882	0.39	6.73E-01	1.00E+00	-0.21	7.53E-01	9.67E-01
PSMC1P12	NA	NA	NA	0.39	7.53E-01	9.67E-01
TRGV4	1.95	5.65E-01	1.00E+00	0.42	7.53E-01	9.67E-01
MAPKBP1	-0.01	9.74E-01	1.00E+00	0.16	7.53E-01	9.67E-01
AL359715.3	-0.69	2.51E-01	1.00E+00	-0.21	7.53E-01	9.67E-01
SLC39A2	0.38	4.38E-01	1.00E+00	0.23	7.53E-01	9.67E-01
AC021224.1	-0.37	9.16E-01	1.00E+00	0.99	7.53E-01	9.67E-01
AC016065.1	-0.56	1.09E-01	1.00E+00	0.11	7.53E-01	9.67E-01
AL445645.1	-1.21	3.00E-01	1.00E+00	0.27	7.53E-01	9.67E-01
RNF5P1	-1.97	6.54E-02	1.00E+00	0.20	7.53E-01	9.67E-01
PRL	-1.74	6.11E-01	1.00E+00	1.01	7.53E-01	9.67E-01
RPS6	-0.17	6.43E-01	1.00E+00	-0.09	7.53E-01	9.67E-01
CWC25	0.43	8.68E-02	1.00E+00	0.08	7.53E-01	9.67E-01
ORMDL1	0.13	7.52E-01	1.00E+00	-0.14	7.53E-01	9.67E-01
KRT38	-19.07	9.57E-13	6.73E-10	-1.01	7.53E-01	9.67E-01
ABHD8	-0.03	8.85E-01	1.00E+00	0.22	7.53E-01	9.67E-01
COL28A1	-0.06	9.01E-01	1.00E+00	-0.21	7.53E-01	9.67E-01
ZGLP1	-1.30	4.61E-01	1.00E+00	0.33	7.53E-01	9.67E-01
XLOC_002282	0.53	5.00E-02	1.00E+00	-0.12	7.53E-01	9.67E-01
CARMIL2	-1.88	1.10E-02	6.48E-01	0.99	7.53E-01	9.67E-01
FGF10-AS1	1.27	7.13E-01	1.00E+00	0.36	7.53E-01	9.67E-01
XLOC_002616	-1.70	2.60E-01	1.00E+00	-0.28	7.53E-01	9.67E-01
TOM1L2	-0.09	8.06E-01	1.00E+00	0.12	7.53E-01	9.67E-01
AC087284.1	-0.73	6.72E-01	1.00E+00	-0.21	7.53E-01	9.67E-01
MEMO1P1	0.53	5.03E-01	1.00E+00	-0.11	7.53E-01	9.67E-01
KRTAP2-2	-11.69	6.66E-04	1.23E-01	-1.01	7.53E-01	9.67E-01
RBBP8NL	-0.04	9.14E-01	1.00E+00	-0.24	7.54E-01	9.67E-01
CSE1L	0.01	9.59E-01	1.00E+00	-0.08	7.54E-01	9.67E-01
XLOC_005681	0.55	5.07E-01	1.00E+00	0.30	7.54E-01	9.67E-01

PHF3	-0.17	2.92E-01	1.00E+00	0.08	7.54E-01	9.67E-01
AHSA1	-0.22	2.61E-01	1.00E+00	0.04	7.54E-01	9.67E-01
CBR4	0.01	9.79E-01	1.00E+00	-0.09	7.54E-01	9.67E-01
BRCA1	0.00	9.90E-01	1.00E+00	0.09	7.54E-01	9.67E-01
RNF19A	-0.12	4.79E-01	1.00E+00	0.06	7.54E-01	9.67E-01
CCT7	-0.11	5.21E-01	1.00E+00	0.05	7.54E-01	9.67E-01
CENPW	0.11	6.81E-01	1.00E+00	-0.10	7.54E-01	9.67E-01
SNORA34	-0.39	9.07E-01	1.00E+00	0.38	7.54E-01	9.67E-01
UBE2H	0.13	5.02E-01	1.00E+00	0.12	7.54E-01	9.67E-01
GSK3B	-0.02	9.14E-01	1.00E+00	-0.15	7.54E-01	9.67E-01
C10orf91	-1.16	1.10E-01	1.00E+00	0.28	7.54E-01	9.67E-01
G37296	-0.29	5.90E-01	1.00E+00	0.19	7.54E-01	9.67E-01
AC108734.4	0.79	6.25E-01	1.00E+00	-0.33	7.54E-01	9.67E-01
SGCD	0.20	5.78E-01	1.00E+00	0.15	7.54E-01	9.67E-01
RNF157	0.39	6.04E-01	1.00E+00	-0.24	7.54E-01	9.67E-01
AP000866.2	-0.13	8.86E-01	1.00E+00	-0.29	7.54E-01	9.67E-01
HIST2H2BC	0.36	3.72E-01	1.00E+00	-0.20	7.54E-01	9.67E-01
HYAL3	-0.27	6.42E-01	1.00E+00	0.15	7.54E-01	9.67E-01
XLOC_014082	0.92	1.37E-01	1.00E+00	-0.28	7.55E-01	9.67E-01
YARS2	-0.20	3.26E-01	1.00E+00	0.06	7.55E-01	9.67E-01
TNFRSF19	0.03	9.37E-01	1.00E+00	-0.20	7.55E-01	9.67E-01
CRADD	-0.10	6.07E-01	1.00E+00	-0.10	7.55E-01	9.67E-01
QRICH2	0.27	6.82E-01	1.00E+00	0.99	7.55E-01	9.67E-01
NKAIN3-IT1	-0.89	1.18E-01	1.00E+00	0.38	7.55E-01	9.67E-01
HOXD1	0.53	6.04E-01	1.00E+00	0.24	7.55E-01	9.67E-01
HSD3BP2	-2.24	2.31E-01	1.00E+00	-0.88	7.55E-01	9.67E-01
RNASEH2B-AS1	1.02	5.40E-01	1.00E+00	0.30	7.55E-01	9.67E-01
AL606834.2	-0.21	7.44E-01	1.00E+00	-0.19	7.55E-01	9.67E-01
RPS15AP38	0.57	8.70E-01	1.00E+00	0.19	7.55E-01	9.67E-01
VARS	-0.41	1.14E-01	1.00E+00	-0.17	7.55E-01	9.67E-01
ZNRF2P1	-0.30	3.52E-01	1.00E+00	-0.31	7.55E-01	9.67E-01
AC073648.6	-1.07	2.70E-01	1.00E+00	0.22	7.55E-01	9.67E-01

AC017002.3	0.10	9.48E-01	1.00E+00	-0.29	7.55E-01	9.67E-01
MGP	0.55	3.11E-01	1.00E+00	-0.15	7.55E-01	9.67E-01
ATP6V1E1P1	NA	NA	NA	-0.24	7.55E-01	9.67E-01
LINC01843	0.93	6.79E-01	1.00E+00	-0.63	7.55E-01	9.67E-01
AC011477.1	0.43	6.55E-01	1.00E+00	0.13	7.55E-01	9.67E-01
C7orf43	-0.40	3.06E-01	1.00E+00	0.20	7.55E-01	9.67E-01
HOXD8	0.24	5.32E-01	1.00E+00	0.20	7.55E-01	9.67E-01
HUS1	0.01	9.79E-01	1.00E+00	-0.07	7.55E-01	9.67E-01
IRAK2	0.47	2.56E-01	1.00E+00	0.18	7.55E-01	9.67E-01
AC026979.4	-0.04	9.36E-01	1.00E+00	0.19	7.55E-01	9.67E-01
NAV3	-0.34	2.28E-01	1.00E+00	0.11	7.55E-01	9.67E-01
SUV39H1	-0.03	9.04E-01	1.00E+00	0.11	7.55E-01	9.67E-01
Z97634.1	-0.07	9.09E-01	1.00E+00	-0.24	7.55E-01	9.67E-01
AC023389.2	-2.89	3.92E-01	1.00E+00	-0.57	7.56E-01	9.67E-01
AL137779.1	3.48	2.10E-02	8.94E-01	-0.33	7.56E-01	9.67E-01
ZFX	0.15	5.29E-01	1.00E+00	-0.06	7.56E-01	9.67E-01
LTO1	0.28	3.25E-01	1.00E+00	-0.08	7.56E-01	9.67E-01
PCDHGA2	-0.52	2.15E-01	1.00E+00	-0.18	7.56E-01	9.67E-01
TCEAL9	0.04	8.68E-01	1.00E+00	-0.07	7.56E-01	9.67E-01
YBX1P6	-1.18	1.26E-01	1.00E+00	-0.20	7.56E-01	9.67E-01
TUSC2	0.17	4.25E-01	1.00E+00	0.06	7.56E-01	9.67E-01
AC093904.4	-2.45	1.22E-01	1.00E+00	0.43	7.56E-01	9.67E-01
SPEF2	0.05	8.77E-01	1.00E+00	-0.15	7.56E-01	9.67E-01
G11189	-1.94	3.44E-01	1.00E+00	0.30	7.56E-01	9.67E-01
EED	0.30	3.11E-01	1.00E+00	0.09	7.56E-01	9.67E-01
AF228730.4	-2.91	2.01E-01	1.00E+00	0.32	7.56E-01	9.67E-01
C3orf67	0.17	7.33E-01	1.00E+00	0.22	7.56E-01	9.67E-01
ING5	0.12	5.64E-01	1.00E+00	-0.09	7.57E-01	9.67E-01
PRSS35	-0.38	5.26E-01	1.00E+00	0.32	7.57E-01	9.67E-01
ASB9	0.17	6.61E-01	1.00E+00	0.11	7.57E-01	9.68E-01
LDLRAP1	-0.06	7.67E-01	1.00E+00	-0.08	7.57E-01	9.68E-01
CNKSR3	-0.19	2.81E-01	1.00E+00	0.15	7.57E-01	9.68E-01

ARL5B	-0.21	6.40E-01	1.00E+00	0.12	7.57E-01	9.68E-01
USP1	0.08	7.49E-01	1.00E+00	-0.06	7.57E-01	9.68E-01
SDR39U1	-1.26	1.77E-01	1.00E+00	-0.16	7.57E-01	9.68E-01
AL132780.1	-1.26	4.74E-01	1.00E+00	0.26	7.57E-01	9.68E-01
GFOD1	-0.22	5.05E-01	1.00E+00	0.09	7.57E-01	9.68E-01
AC082651.3	-0.52	3.40E-01	1.00E+00	-0.23	7.57E-01	9.68E-01
ZNF843	-0.65	9.15E-02	1.00E+00	0.24	7.57E-01	9.68E-01
AP005482.3	0.34	6.25E-01	1.00E+00	-0.13	7.57E-01	9.68E-01
G4338	-0.31	9.27E-01	1.00E+00	-0.35	7.58E-01	9.68E-01
TMEM132C	1.47	2.79E-03	2.73E-01	-0.93	7.58E-01	9.68E-01
ADAM22	0.36	3.86E-01	1.00E+00	-0.20	7.58E-01	9.68E-01
GPATCH2	0.07	8.02E-01	1.00E+00	0.06	7.58E-01	9.68E-01
RPL13AP20	1.69	1.83E-01	1.00E+00	0.19	7.58E-01	9.68E-01
SERPINA12	0.42	4.38E-01	1.00E+00	-0.26	7.58E-01	9.68E-01
KRR1P1	2.77	4.15E-01	1.00E+00	-0.42	7.58E-01	9.68E-01
SOS1	-0.15	4.20E-01	1.00E+00	-0.12	7.58E-01	9.68E-01
ETV1	0.43	5.14E-01	1.00E+00	-0.13	7.58E-01	9.68E-01
AC004870.1	-2.69	2.54E-01	1.00E+00	-0.49	7.58E-01	9.68E-01
RHEX	1.00	2.36E-01	1.00E+00	0.23	7.58E-01	9.68E-01
RC3H1	0.04	8.57E-01	1.00E+00	0.07	7.58E-01	9.68E-01
PRSS3	0.07	8.71E-01	1.00E+00	0.24	7.58E-01	9.68E-01
C1orf159	-0.12	6.96E-01	1.00E+00	0.16	7.58E-01	9.68E-01
UNGP3	-0.88	6.27E-01	1.00E+00	-0.29	7.58E-01	9.68E-01
EIF2S2P4	0.15	7.94E-01	1.00E+00	-0.12	7.58E-01	9.68E-01
PNPLA1	0.10	8.50E-01	1.00E+00	0.18	7.58E-01	9.68E-01
SLC5A9	-1.36	3.54E-02	1.00E+00	-0.26	7.58E-01	9.68E-01
IL13RA1	0.06	8.03E-01	1.00E+00	0.15	7.58E-01	9.68E-01
TPT1	-0.08	7.79E-01	1.00E+00	-0.08	7.58E-01	9.68E-01
DHRS3	0.11	7.01E-01	1.00E+00	-0.11	7.58E-01	9.68E-01
GRTP1	-0.11	7.57E-01	1.00E+00	-0.14	7.58E-01	9.68E-01
JMJD4	-0.05	8.70E-01	1.00E+00	0.09	7.58E-01	9.68E-01
AC134682.1	0.31	6.83E-01	1.00E+00	-0.38	7.58E-01	9.68E-01

RPL34P18	-1.53	4.08E-01	1.00E+00	-0.25	7.58E-01	9.68E-01
G33346	-0.36	8.94E-01	1.00E+00	-0.42	7.59E-01	9.68E-01
S100A4	-0.01	9.86E-01	1.00E+00	0.13	7.59E-01	9.68E-01
ESPL1	0.05	9.08E-01	1.00E+00	0.18	7.59E-01	9.68E-01
SDHAF2	-0.14	5.61E-01	1.00E+00	-0.12	7.59E-01	9.68E-01
ST3GAL3	-0.15	8.21E-01	1.00E+00	0.15	7.59E-01	9.68E-01
AL138785.1	NA	NA	NA	-0.96	7.59E-01	9.68E-01
EEF1A1P38	1.50	6.62E-01	1.00E+00	0.28	7.59E-01	9.68E-01
IDH2	-0.38	6.57E-02	1.00E+00	0.06	7.59E-01	9.68E-01
FAM76A	-0.31	1.60E-01	1.00E+00	-0.11	7.59E-01	9.68E-01
RDM1P5	1.29	2.99E-01	1.00E+00	-0.24	7.59E-01	9.68E-01
ZFYVE9	0.10	6.25E-01	1.00E+00	0.14	7.59E-01	9.68E-01
COPS8	0.21	1.91E-01	1.00E+00	0.10	7.59E-01	9.68E-01
ZNF736	0.54	1.24E-01	1.00E+00	0.13	7.59E-01	9.68E-01
AC233279.1	NA	NA	NA	0.22	7.59E-01	9.68E-01
ACPP	-0.17	7.75E-01	1.00E+00	-0.18	7.59E-01	9.68E-01
SLC29A2	-0.18	5.90E-01	1.00E+00	-0.19	7.59E-01	9.68E-01
PRICKLE1	-0.44	4.45E-01	1.00E+00	0.14	7.59E-01	9.68E-01
MOSPD2	0.24	5.01E-01	1.00E+00	-0.10	7.59E-01	9.68E-01
AKAP5	-0.47	3.70E-01	1.00E+00	-0.25	7.59E-01	9.68E-01
NUPR1	0.38	1.87E-01	1.00E+00	0.12	7.59E-01	9.68E-01
DGKB	-0.36	7.44E-01	1.00E+00	-0.42	7.59E-01	9.68E-01
FAM168B	0.21	4.20E-01	1.00E+00	0.08	7.59E-01	9.68E-01
NUBP2	-0.20	2.64E-01	1.00E+00	0.06	7.59E-01	9.68E-01
TRAPPC3L	3.28	1.38E-01	1.00E+00	-0.32	7.60E-01	9.68E-01
HNRNPAB	-0.30	3.13E-01	1.00E+00	-0.17	7.60E-01	9.68E-01
IL5RA	-0.32	8.03E-01	1.00E+00	0.33	7.60E-01	9.68E-01
LINC00504	-0.32	5.59E-01	1.00E+00	0.13	7.60E-01	9.68E-01
FUCA1	0.17	5.87E-01	1.00E+00	0.08	7.60E-01	9.68E-01
TFPI2	1.69	6.23E-02	1.00E+00	-0.24	7.60E-01	9.68E-01
SRPRA	-0.14	4.05E-01	1.00E+00	0.05	7.60E-01	9.68E-01
SLITRK5	-0.35	5.43E-01	1.00E+00	-0.22	7.60E-01	9.68E-01

STAG3L2	-0.15	5.89E-01	1.00E+00	-0.08	7.60E-01	9.68E-01
AL117329.1	-0.83	2.94E-01	1.00E+00	0.22	7.60E-01	9.68E-01
ZNF730	0.11	9.55E-01	1.00E+00	-0.46	7.60E-01	9.68E-01
AC107952.2	0.33	8.22E-01	1.00E+00	0.36	7.60E-01	9.68E-01
LSM8	0.35	2.16E-01	1.00E+00	-0.08	7.60E-01	9.68E-01
RAMACL	0.48	5.83E-01	1.00E+00	-0.17	7.60E-01	9.68E-01
LBHD1	-1.22	2.82E-01	1.00E+00	0.21	7.60E-01	9.68E-01
AL035448.1	-1.29	5.95E-01	1.00E+00	0.35	7.60E-01	9.68E-01
FAM160A2	-0.38	2.60E-01	1.00E+00	-0.16	7.60E-01	9.68E-01
AL355312.2	-0.72	6.03E-01	1.00E+00	0.23	7.60E-01	9.68E-01
SGF29	-0.10	7.57E-01	1.00E+00	0.08	7.60E-01	9.68E-01
XLOC_002005	0.91	3.80E-01	1.00E+00	0.42	7.60E-01	9.68E-01
FGF18	-0.92	3.09E-01	1.00E+00	0.27	7.60E-01	9.68E-01
NT5DC3	0.14	7.64E-01	1.00E+00	-0.15	7.60E-01	9.68E-01
MYOC	1.06	1.77E-01	1.00E+00	0.24	7.60E-01	9.68E-01
AL512408.1	-0.63	2.37E-01	1.00E+00	-0.24	7.60E-01	9.68E-01
AC022144.1	-0.60	5.72E-01	1.00E+00	0.35	7.61E-01	9.68E-01
ABCA3	0.12	7.74E-01	1.00E+00	-0.14	7.61E-01	9.68E-01
SPTB	-0.17	7.12E-01	1.00E+00	0.30	7.61E-01	9.68E-01
THAP3	0.26	3.52E-01	1.00E+00	0.08	7.61E-01	9.68E-01
ZNF837	-0.10	7.10E-01	1.00E+00	-0.27	7.61E-01	9.68E-01
IRX5	-0.25	4.47E-01	1.00E+00	-0.17	7.61E-01	9.68E-01
PPP1R12B	-0.07	8.86E-01	1.00E+00	0.14	7.61E-01	9.68E-01
SLC26A8	-1.13	7.40E-01	1.00E+00	0.42	7.61E-01	9.69E-01
SPHKAP	-4.14	1.00E-04	2.46E-02	-0.97	7.61E-01	9.69E-01
AL080250.1	0.01	9.85E-01	1.00E+00	0.19	7.61E-01	9.69E-01
F2RL1	0.26	6.45E-01	1.00E+00	0.16	7.61E-01	9.69E-01
XLOC_010588	-0.37	7.78E-01	1.00E+00	-0.30	7.61E-01	9.69E-01
AC092620.2	0.25	8.75E-01	1.00E+00	-0.36	7.61E-01	9.69E-01
GOLGA8H	0.62	5.84E-01	1.00E+00	0.18	7.61E-01	9.69E-01
LSM1	0.07	8.23E-01	1.00E+00	0.09	7.62E-01	9.69E-01
PYCARD	-0.27	4.25E-01	1.00E+00	0.12	7.62E-01	9.69E-01

G17182	-0.09	9.39E-01	1.00E+00	0.95	7.62E-01	9.69E-01
PPP1R26-AS1	-0.26	6.58E-01	1.00E+00	-0.25	7.62E-01	9.69E-01
AC091057.2	0.40	8.67E-01	1.00E+00	-0.19	7.62E-01	9.69E-01
AC010478.1	0.25	8.01E-01	1.00E+00	-0.39	7.62E-01	9.69E-01
MYL6P3	NA	NA	NA	0.25	7.62E-01	9.69E-01
MUC15	0.13	7.37E-01	1.00E+00	-0.19	7.62E-01	9.69E-01
CFAP161	-1.35	4.08E-01	1.00E+00	0.24	7.62E-01	9.69E-01
AC004884.2	0.32	9.28E-01	1.00E+00	-0.24	7.62E-01	9.69E-01
PIGW	-0.24	3.40E-01	1.00E+00	0.07	7.62E-01	9.69E-01
PPFIBP2	-0.10	6.14E-01	1.00E+00	0.10	7.62E-01	9.69E-01
AL133243.2	1.01	3.08E-01	1.00E+00	0.22	7.62E-01	9.69E-01
TWF1	-0.17	5.48E-01	1.00E+00	0.06	7.62E-01	9.69E-01
PIP4K2C	-0.15	4.73E-01	1.00E+00	0.06	7.62E-01	9.69E-01
RPL15P3	0.06	8.62E-01	1.00E+00	0.21	7.62E-01	9.69E-01
G2582	0.24	8.44E-01	1.00E+00	-0.24	7.62E-01	9.69E-01
RPL7AP30	-0.50	5.01E-01	1.00E+00	-0.13	7.63E-01	9.69E-01
PDE4D	-0.30	2.22E-01	1.00E+00	0.08	7.63E-01	9.69E-01
VEPH1	-0.40	2.30E-01	1.00E+00	0.15	7.63E-01	9.69E-01
AC010733.1	-0.02	9.86E-01	1.00E+00	-0.22	7.63E-01	9.69E-01
GAPVD1	0.00	9.94E-01	1.00E+00	-0.06	7.63E-01	9.69E-01
C12orf56	0.15	8.77E-01	1.00E+00	0.20	7.63E-01	9.69E-01
SS18L2	-0.06	8.53E-01	1.00E+00	-0.12	7.63E-01	9.69E-01
ARHGEF34P	0.59	2.52E-01	1.00E+00	0.18	7.63E-01	9.69E-01
AL121985.1	0.36	9.17E-01	1.00E+00	-0.42	7.63E-01	9.69E-01
FNIP1	0.17	4.71E-01	1.00E+00	0.06	7.63E-01	9.69E-01
ANKH	0.11	6.53E-01	1.00E+00	-0.11	7.63E-01	9.69E-01
NUDT21	0.04	8.49E-01	1.00E+00	-0.04	7.63E-01	9.69E-01
TRBV11-2	0.09	9.64E-01	1.00E+00	0.43	7.63E-01	9.69E-01
TXLNGY	0.44	5.25E-01	1.00E+00	-0.21	7.63E-01	9.69E-01
ZMAT5	0.18	4.69E-01	1.00E+00	0.08	7.63E-01	9.69E-01
KIAA1755	-0.29	5.51E-01	1.00E+00	0.94	7.63E-01	9.69E-01
SERBP1P6	-2.14	4.14E-01	1.00E+00	-0.18	7.63E-01	9.69E-01

CCDC174	0.12	5.30E-01	1.00E+00	-0.07	7.63E-01	9.69E-01
ATG16L1	0.25	2.16E-01	1.00E+00	0.06	7.63E-01	9.69E-01
AC025171.5	-0.62	7.66E-01	1.00E+00	-0.43	7.63E-01	9.69E-01
NDUFV1	-0.12	5.85E-01	1.00E+00	-0.04	7.63E-01	9.69E-01
C1orf68	0.57	3.51E-01	1.00E+00	0.94	7.64E-01	9.69E-01
GALNT8	1.18	8.32E-02	1.00E+00	-0.26	7.64E-01	9.69E-01
FAM20B	0.04	8.17E-01	1.00E+00	-0.12	7.64E-01	9.69E-01
AL035681.1	0.65	3.53E-01	1.00E+00	-0.27	7.64E-01	9.69E-01
GLRX	0.14	5.71E-01	1.00E+00	0.08	7.64E-01	9.69E-01
TLR5	0.37	4.41E-01	1.00E+00	0.09	7.64E-01	9.69E-01
JAK2	0.11	6.74E-01	1.00E+00	0.13	7.64E-01	9.69E-01
SPTBN1	0.07	8.33E-01	1.00E+00	0.12	7.64E-01	9.69E-01
2-Mar	0.89	1.42E-01	1.00E+00	-0.22	7.64E-01	9.69E-01
MORN1	-0.26	3.55E-01	1.00E+00	-0.12	7.64E-01	9.69E-01
AL513534.1	0.52	5.86E-01	1.00E+00	-0.21	7.64E-01	9.69E-01
AC011294.1	1.36	3.29E-01	1.00E+00	-0.96	7.64E-01	9.69E-01
AC131212.3	-0.57	4.67E-01	1.00E+00	0.95	7.64E-01	9.69E-01
STYXL1	-0.18	4.28E-01	1.00E+00	0.08	7.64E-01	9.69E-01
AC004453.1	-0.66	4.08E-01	1.00E+00	0.25	7.64E-01	9.69E-01
AC018628.1	0.15	8.79E-01	1.00E+00	-0.18	7.64E-01	9.69E-01
G40536	-0.85	2.71E-01	1.00E+00	-0.35	7.64E-01	9.69E-01
KLC4	-0.21	4.65E-01	1.00E+00	-0.08	7.64E-01	9.69E-01
CNTFR	1.56	6.96E-04	1.25E-01	0.22	7.64E-01	9.69E-01
AC005224.1	-1.82	2.12E-01	1.00E+00	0.30	7.64E-01	9.69E-01
TIGD1	-0.65	1.88E-01	1.00E+00	0.16	7.65E-01	9.69E-01
DOCK11	0.72	1.81E-01	1.00E+00	0.18	7.65E-01	9.69E-01
C1orf56	0.04	8.85E-01	1.00E+00	0.08	7.65E-01	9.69E-01
DYNLL1	0.09	7.82E-01	1.00E+00	0.09	7.65E-01	9.69E-01
CLDN20	1.15	4.25E-01	1.00E+00	0.37	7.65E-01	9.69E-01
TRAPPC5	-0.66	3.28E-01	1.00E+00	0.23	7.65E-01	9.69E-01
AC007390.2	-1.98	8.44E-02	1.00E+00	0.18	7.65E-01	9.69E-01
CCDC74A	0.18	5.73E-01	1.00E+00	0.09	7.65E-01	9.69E-01

RRN3P3	0.17	6.90E-01	1.00E+00	0.12	7.65E-01	9.69E-01
CCDC144NL-AS1	0.80	2.35E-01	1.00E+00	0.20	7.65E-01	9.69E-01
SLC51B	-0.25	6.54E-01	1.00E+00	0.28	7.65E-01	9.69E-01
TBCC	-0.09	6.73E-01	1.00E+00	0.10	7.65E-01	9.69E-01
AC015922.2	0.40	5.23E-01	1.00E+00	0.22	7.65E-01	9.69E-01
OST4	0.03	8.78E-01	1.00E+00	-0.14	7.65E-01	9.69E-01
VPS13B	-0.03	8.65E-01	1.00E+00	0.12	7.65E-01	9.69E-01
LINC02574	-1.64	3.63E-01	1.00E+00	0.37	7.65E-01	9.69E-01
EEF1A2	-0.55	1.42E-01	1.00E+00	-0.28	7.65E-01	9.69E-01
KIF18B	-0.02	9.48E-01	1.00E+00	0.22	7.65E-01	9.69E-01
ZBTB20	0.36	3.71E-01	1.00E+00	-0.13	7.65E-01	9.69E-01
MSI2	-0.19	4.82E-01	1.00E+00	0.13	7.65E-01	9.69E-01
DQX1	-0.37	3.95E-01	1.00E+00	-0.28	7.65E-01	9.69E-01
SLX4IP	0.26	4.26E-01	1.00E+00	-0.11	7.65E-01	9.69E-01
SLC9A7P1	0.84	4.18E-01	1.00E+00	-0.26	7.65E-01	9.69E-01
RGS13	0.61	3.95E-01	1.00E+00	-0.17	7.65E-01	9.69E-01
RBM8A	-0.05	7.96E-01	1.00E+00	-0.09	7.65E-01	9.69E-01
KRTAP19-1	-2.55	2.52E-01	1.00E+00	-0.96	7.65E-01	9.69E-01
PARVA	0.15	6.93E-01	1.00E+00	-0.11	7.66E-01	9.69E-01
AC012313.1	-0.26	3.26E-01	1.00E+00	0.27	7.66E-01	9.69E-01
UBE2Q2P1	0.20	6.98E-01	1.00E+00	-0.10	7.66E-01	9.69E-01
GEMIN5	0.21	3.43E-01	1.00E+00	0.09	7.66E-01	9.69E-01
ZSCAN21	-0.09	6.85E-01	1.00E+00	-0.07	7.66E-01	9.70E-01
RPS3AP34	0.03	9.77E-01	1.00E+00	0.25	7.66E-01	9.70E-01
XLOC_001023	-0.44	2.98E-01	1.00E+00	-0.12	7.66E-01	9.70E-01
SLC5A2	-1.22	4.58E-01	1.00E+00	0.28	7.66E-01	9.70E-01
TEX9	-0.32	4.70E-01	1.00E+00	-0.11	7.66E-01	9.70E-01
TUBA4B	1.09	3.58E-01	1.00E+00	0.28	7.66E-01	9.70E-01
GSX2	-0.32	7.65E-01	1.00E+00	-0.50	7.66E-01	9.70E-01
PRDX4	0.01	9.77E-01	1.00E+00	-0.09	7.66E-01	9.70E-01
CEP131	-0.27	3.34E-01	1.00E+00	-0.16	7.66E-01	9.70E-01
FBXL6	-0.56	5.45E-02	1.00E+00	-0.18	7.66E-01	9.70E-01

ATAD3C	-0.64	2.60E-01	1.00E+00	0.14	7.66E-01	9.70E-01
SLC2A14	-2.96	3.68E-02	1.00E+00	-0.94	7.66E-01	9.70E-01
KIFC1	-0.08	7.97E-01	1.00E+00	0.17	7.66E-01	9.70E-01
SNRPEP4	1.09	4.73E-01	1.00E+00	-0.17	7.66E-01	9.70E-01
AL626787.1	-2.64	1.04E-01	1.00E+00	0.33	7.66E-01	9.70E-01
TMEM65	-0.10	6.68E-01	1.00E+00	-0.12	7.66E-01	9.70E-01
CCL14	0.58	5.83E-01	1.00E+00	0.28	7.66E-01	9.70E-01
C17orf53	-0.09	8.03E-01	1.00E+00	0.13	7.66E-01	9.70E-01
RTCB	-0.10	7.25E-01	1.00E+00	0.06	7.67E-01	9.70E-01
RPAIN	0.27	3.32E-01	1.00E+00	-0.08	7.67E-01	9.70E-01
LINC01117	-0.89	4.81E-01	1.00E+00	0.18	7.67E-01	9.70E-01
STARD5	0.34	5.54E-01	1.00E+00	0.13	7.67E-01	9.70E-01
KHNYN	0.05	8.69E-01	1.00E+00	0.15	7.67E-01	9.70E-01
EIF3E	0.00	9.98E-01	1.00E+00	0.07	7.67E-01	9.70E-01
PCBP4	-0.11	5.86E-01	1.00E+00	-0.12	7.67E-01	9.70E-01
PNCK	-0.85	1.92E-01	1.00E+00	-0.26	7.67E-01	9.70E-01
PNPO	0.09	7.64E-01	1.00E+00	-0.08	7.67E-01	9.70E-01
ABLIM1	0.20	4.35E-01	1.00E+00	0.08	7.67E-01	9.70E-01
FBXO22	0.11	7.45E-01	1.00E+00	-0.09	7.67E-01	9.70E-01
DLGAP4-AS1	-1.00	2.63E-01	1.00E+00	0.31	7.67E-01	9.70E-01
AC005840.1	NA	NA	NA	0.39	7.67E-01	9.70E-01
MFSD12	-0.64	4.46E-02	1.00E+00	0.18	7.67E-01	9.70E-01
UBA6	0.01	9.70E-01	1.00E+00	0.07	7.67E-01	9.70E-01
CSDC2	-0.94	1.17E-01	1.00E+00	0.71	7.67E-01	9.70E-01
DOK6	-0.18	7.46E-01	1.00E+00	0.22	7.67E-01	9.70E-01
AC087521.1	-4.34	8.46E-05	2.17E-02	0.34	7.67E-01	9.70E-01
SMTNL2	0.72	3.11E-01	1.00E+00	0.83	7.67E-01	9.70E-01
11-Sep	0.52	2.66E-01	1.00E+00	-0.13	7.67E-01	9.70E-01
MEOX1	-0.07	8.95E-01	1.00E+00	-0.16	7.67E-01	9.70E-01
ORM1	NA	NA	NA	0.95	7.67E-01	9.70E-01
GORASP2	-0.13	4.90E-01	1.00E+00	-0.05	7.67E-01	9.70E-01
AL157394.1	0.82	2.23E-01	1.00E+00	-0.23	7.67E-01	9.70E-01

ADD1	0.07	7.82E-01	1.00E+00	0.12	7.67E-01	9.70E-01
RIOK2	0.05	8.26E-01	1.00E+00	-0.08	7.68E-01	9.70E-01
SLC30A2	-1.14	1.22E-01	1.00E+00	0.29	7.68E-01	9.70E-01
APBB2	0.31	3.29E-01	1.00E+00	0.10	7.68E-01	9.70E-01
RPL21P28	-0.27	5.70E-01	1.00E+00	-0.20	7.68E-01	9.70E-01
SLC37A4	-0.05	8.67E-01	1.00E+00	-0.07	7.68E-01	9.70E-01
DBNDD1	-0.04	8.96E-01	1.00E+00	-0.19	7.68E-01	9.70E-01
TRIM4	0.43	1.42E-02	7.51E-01	0.05	7.68E-01	9.70E-01
RILPL1	-0.32	1.20E-01	1.00E+00	0.18	7.68E-01	9.70E-01
ERCC4	0.20	4.18E-01	1.00E+00	0.07	7.68E-01	9.70E-01
GALNT16	0.48	3.12E-01	1.00E+00	0.18	7.68E-01	9.70E-01
ORMDL3	0.49	1.37E-01	1.00E+00	-0.09	7.68E-01	9.70E-01
FAM117B	-0.22	4.64E-01	1.00E+00	-0.11	7.68E-01	9.70E-01
RALA	0.24	2.01E-01	1.00E+00	0.05	7.68E-01	9.70E-01
VEGFA	-0.25	4.37E-01	1.00E+00	-0.23	7.68E-01	9.70E-01
CCDC97	-0.11	5.70E-01	1.00E+00	0.10	7.68E-01	9.70E-01
ADAT2	0.05	9.18E-01	1.00E+00	0.09	7.68E-01	9.70E-01
RPL23AP65	-1.60	3.93E-01	1.00E+00	0.30	7.68E-01	9.70E-01
TFRC	0.19	5.32E-01	1.00E+00	0.11	7.68E-01	9.70E-01
TEDC2	-0.99	1.82E-02	8.48E-01	-0.21	7.68E-01	9.70E-01
AC007750.1	-0.80	8.18E-01	1.00E+00	-0.74	7.68E-01	9.70E-01
THSD4	-0.03	9.40E-01	1.00E+00	-0.12	7.68E-01	9.70E-01
DEF8	-0.08	6.95E-01	1.00E+00	0.05	7.68E-01	9.70E-01
FTCDNL1	-0.07	8.60E-01	1.00E+00	0.12	7.69E-01	9.70E-01
PROM2	-0.30	3.96E-01	1.00E+00	0.18	7.69E-01	9.70E-01
LINC00659	-0.49	8.87E-01	1.00E+00	0.47	7.69E-01	9.70E-01
DEPDC1B	0.29	5.09E-01	1.00E+00	0.13	7.69E-01	9.70E-01
PLXNB3	-0.29	4.68E-01	1.00E+00	0.28	7.69E-01	9.70E-01
ZNF550	0.20	6.31E-01	1.00E+00	0.11	7.69E-01	9.70E-01
RBM22	-0.16	2.71E-01	1.00E+00	-0.04	7.69E-01	9.70E-01
EHF	0.16	6.35E-01	1.00E+00	0.13	7.69E-01	9.70E-01
C16orf96	-0.87	3.16E-01	1.00E+00	0.38	7.69E-01	9.70E-01

TGS1	-0.16	3.26E-01	1.00E+00	0.05	7.69E-01	9.70E-01
UAP1	0.48	1.93E-01	1.00E+00	0.13	7.69E-01	9.70E-01
C17orf50	-0.26	7.88E-01	1.00E+00	0.32	7.69E-01	9.70E-01
SUMO2P1	0.82	4.43E-01	1.00E+00	-0.12	7.69E-01	9.70E-01
TMEM255A	0.53	2.88E-01	1.00E+00	-0.13	7.69E-01	9.70E-01
RHBDF1	-0.05	8.36E-01	1.00E+00	0.14	7.69E-01	9.70E-01
AL035252.3	1.25	3.78E-01	1.00E+00	0.40	7.69E-01	9.70E-01
XLOC_002198	-0.98	2.87E-01	1.00E+00	0.20	7.69E-01	9.70E-01
AC002553.1	-0.42	7.09E-01	1.00E+00	-0.21	7.69E-01	9.70E-01
MBNL2	0.02	9.43E-01	1.00E+00	-0.08	7.69E-01	9.70E-01
HBQ1	-1.31	3.57E-01	1.00E+00	0.42	7.69E-01	9.70E-01
PHC3	-0.16	4.97E-01	1.00E+00	0.08	7.69E-01	9.70E-01
LRRTM3	-0.56	7.56E-01	1.00E+00	-0.46	7.69E-01	9.70E-01
AL022328.4	-0.04	9.47E-01	1.00E+00	0.34	7.69E-01	9.70E-01
HIST3H2BB	-2.33	1.53E-02	7.66E-01	-0.18	7.69E-01	9.70E-01
CYP4F11	0.14	7.49E-01	1.00E+00	0.24	7.70E-01	9.70E-01
SRGAP2B	-0.02	9.58E-01	1.00E+00	0.13	7.70E-01	9.70E-01
AC005726.1	-0.35	5.46E-01	1.00E+00	0.26	7.70E-01	9.70E-01
HIST1H2AG	-0.97	1.25E-01	1.00E+00	0.24	7.70E-01	9.70E-01
RAB11FIP1P1	0.18	9.06E-01	1.00E+00	-0.39	7.70E-01	9.70E-01
DSE	0.06	8.05E-01	1.00E+00	0.09	7.70E-01	9.70E-01
G16985	-3.68	2.30E-02	9.12E-01	-0.22	7.70E-01	9.70E-01
MTHFD1	0.17	4.14E-01	1.00E+00	-0.08	7.70E-01	9.70E-01
RBFA	0.09	7.46E-01	1.00E+00	-0.08	7.70E-01	9.70E-01
E2F6	0.17	4.29E-01	1.00E+00	-0.13	7.70E-01	9.70E-01
BTLA	-1.09	2.46E-01	1.00E+00	-0.29	7.70E-01	9.70E-01
TET3	-0.14	7.59E-01	1.00E+00	0.16	7.70E-01	9.70E-01
AL589843.1	-0.12	8.56E-01	1.00E+00	0.17	7.70E-01	9.70E-01
PTGS1	0.25	5.83E-01	1.00E+00	-0.12	7.70E-01	9.70E-01
IGSF8	-0.37	2.52E-01	1.00E+00	0.10	7.70E-01	9.70E-01
OGN	1.49	4.60E-02	1.00E+00	0.19	7.70E-01	9.70E-01
LINC01426	1.57	2.54E-01	1.00E+00	0.27	7.70E-01	9.70E-01

CYP26B1	0.41	1.81E-01	1.00E+00	0.16	7.70E-01	9.70E-01
ZNF672	-0.29	2.12E-01	1.00E+00	0.14	7.70E-01	9.70E-01
RBM11	-0.73	3.49E-01	1.00E+00	-0.21	7.70E-01	9.70E-01
CBL	0.17	5.01E-01	1.00E+00	0.09	7.70E-01	9.70E-01
OR1L8	-2.13	1.63E-01	1.00E+00	-0.33	7.70E-01	9.70E-01
BTBD16	0.11	8.33E-01	1.00E+00	-0.22	7.70E-01	9.70E-01
PDF	-0.89	3.44E-02	1.00E+00	0.20	7.70E-01	9.70E-01
AC130686.1	-0.75	5.77E-01	1.00E+00	-0.45	7.70E-01	9.70E-01
PTGIS	0.47	3.37E-01	1.00E+00	0.18	7.70E-01	9.70E-01
LINC02009	1.92	4.39E-01	1.00E+00	0.35	7.71E-01	9.70E-01
ALG1L2	-0.76	3.42E-01	1.00E+00	-0.19	7.71E-01	9.70E-01
TM4SF4	-3.45	1.98E-02	8.80E-01	-0.43	7.71E-01	9.70E-01
CACNA1I	-1.85	3.55E-02	1.00E+00	0.92	7.71E-01	9.70E-01
AC104837.1	NA	NA	NA	0.21	7.71E-01	9.70E-01
XLOC_001935	-3.75	1.08E-02	6.42E-01	-0.32	7.71E-01	9.70E-01
CILP	1.22	1.37E-01	1.00E+00	-0.20	7.71E-01	9.70E-01
AC092614.1	1.31	1.16E-01	1.00E+00	0.27	7.71E-01	9.70E-01
TMEM41A	0.23	3.04E-01	1.00E+00	-0.06	7.71E-01	9.70E-01
AC006273.1	-0.75	6.20E-01	1.00E+00	-0.27	7.71E-01	9.70E-01
GPRASP1	0.27	5.22E-01	1.00E+00	0.19	7.71E-01	9.70E-01
EXO1	-0.32	3.33E-01	1.00E+00	-0.15	7.71E-01	9.70E-01
DPAGT1	-0.02	9.41E-01	1.00E+00	-0.07	7.71E-01	9.70E-01
MPPED2	0.39	5.41E-01	1.00E+00	-0.21	7.71E-01	9.70E-01
NOL10	-0.06	7.39E-01	1.00E+00	-0.07	7.71E-01	9.70E-01
AC013476.1	-1.58	6.01E-01	1.00E+00	0.24	7.71E-01	9.70E-01
C19orf18	0.30	7.76E-01	1.00E+00	0.18	7.71E-01	9.70E-01
UBE2G2	-0.18	2.72E-01	1.00E+00	0.05	7.71E-01	9.70E-01
U47924.2	0.56	8.71E-01	1.00E+00	-0.27	7.71E-01	9.70E-01
ACA64	-2.28	1.78E-01	1.00E+00	0.34	7.71E-01	9.70E-01
SLC30A9	0.06	6.86E-01	1.00E+00	-0.05	7.71E-01	9.70E-01
TLR10	-0.37	7.46E-01	1.00E+00	0.25	7.72E-01	9.70E-01
G25251	0.25	8.65E-01	1.00E+00	0.45	7.72E-01	9.70E-01

THAP7-AS1	-0.20	6.40E-01	1.00E+00	0.13	7.72E-01	9.70E-01
ARHGAP24	-0.34	1.88E-01	1.00E+00	-0.09	7.72E-01	9.70E-01
CSTF2	0.21	4.87E-01	1.00E+00	0.08	7.72E-01	9.70E-01
EMB	-0.12	8.34E-01	1.00E+00	-0.11	7.72E-01	9.70E-01
NOC2L	-0.27	3.11E-01	1.00E+00	0.08	7.72E-01	9.70E-01
AC138207.3	-0.06	9.54E-01	1.00E+00	-0.20	7.72E-01	9.70E-01
ADGRF5	0.55	2.91E-01	1.00E+00	0.17	7.72E-01	9.70E-01
G33852	0.40	5.51E-01	1.00E+00	0.21	7.72E-01	9.70E-01
GALNT14	-0.60	1.46E-01	1.00E+00	0.18	7.72E-01	9.70E-01
FZD5	0.05	9.23E-01	1.00E+00	0.17	7.72E-01	9.70E-01
NOTCH3	-0.12	5.99E-01	1.00E+00	0.18	7.72E-01	9.70E-01
SPAG6	0.73	5.57E-01	1.00E+00	-0.23	7.72E-01	9.70E-01
AL161787.1	-0.54	8.75E-01	1.00E+00	-0.22	7.72E-01	9.70E-01
DNAJC4	-0.11	6.97E-01	1.00E+00	0.06	7.72E-01	9.70E-01
KRT2	0.18	7.96E-01	1.00E+00	0.90	7.72E-01	9.70E-01
YPEL2	0.50	2.82E-02	9.75E-01	0.07	7.72E-01	9.70E-01
SGO1	-0.83	1.90E-01	1.00E+00	-0.18	7.72E-01	9.70E-01
AF186192.2	0.48	4.00E-01	1.00E+00	0.21	7.72E-01	9.70E-01
XRCC5	-0.10	5.83E-01	1.00E+00	-0.04	7.73E-01	9.70E-01
PPRC1	-0.47	1.14E-01	1.00E+00	-0.13	7.73E-01	9.70E-01
AC142472.1	0.13	8.41E-01	1.00E+00	-0.15	7.73E-01	9.70E-01
PRR13P5	-0.12	8.52E-01	1.00E+00	-0.13	7.73E-01	9.70E-01
C6orf15	-0.86	1.93E-01	1.00E+00	0.18	7.73E-01	9.70E-01
AL590867.2	0.02	9.57E-01	1.00E+00	0.23	7.73E-01	9.70E-01
FXVD3	-0.04	9.50E-01	1.00E+00	0.15	7.73E-01	9.70E-01
AC007780.1	-0.86	7.04E-01	1.00E+00	0.25	7.73E-01	9.70E-01
ARFGEF1	0.27	2.58E-01	1.00E+00	0.12	7.73E-01	9.70E-01
FHOD3	-0.19	6.82E-01	1.00E+00	0.14	7.73E-01	9.70E-01
ZNF74	-0.17	5.27E-01	1.00E+00	-0.15	7.73E-01	9.70E-01
CLK2	-0.08	7.27E-01	1.00E+00	-0.16	7.73E-01	9.70E-01
HNRNPCP7	1.10	1.79E-01	1.00E+00	-0.27	7.73E-01	9.70E-01
AC139713.2	-0.85	4.29E-01	1.00E+00	-0.18	7.73E-01	9.70E-01

ZNF790	0.13	6.80E-01	1.00E+00	-0.09	7.73E-01	9.70E-01
CEBPB	-0.17	6.27E-01	1.00E+00	0.24	7.73E-01	9.70E-01
DDHD1	-0.04	8.90E-01	1.00E+00	0.09	7.73E-01	9.70E-01
RALGAPB	0.24	2.29E-01	1.00E+00	0.10	7.73E-01	9.70E-01
PDZD2	0.18	5.01E-01	1.00E+00	-0.07	7.73E-01	9.70E-01
ANKFN1	-0.06	8.88E-01	1.00E+00	-0.20	7.73E-01	9.70E-01
SUGP2	-0.25	3.25E-01	1.00E+00	0.15	7.73E-01	9.70E-01
GCNA	-1.71	3.48E-01	1.00E+00	0.41	7.73E-01	9.70E-01
LIFR-AS1	-0.09	8.31E-01	1.00E+00	-0.12	7.73E-01	9.70E-01
CYP2J2	-0.14	7.69E-01	1.00E+00	-0.20	7.73E-01	9.70E-01
AC009283.1	-0.59	5.11E-01	1.00E+00	-0.32	7.74E-01	9.70E-01
AC064801.1	-2.76	1.22E-01	1.00E+00	0.25	7.74E-01	9.70E-01
PLEKHA8	0.43	2.35E-01	1.00E+00	-0.15	7.74E-01	9.70E-01
AC098614.1	0.61	2.50E-01	1.00E+00	-0.10	7.74E-01	9.70E-01
HSPA8	-0.35	1.37E-01	1.00E+00	0.10	7.74E-01	9.70E-01
ADCYAP1R1	0.53	3.72E-01	1.00E+00	0.22	7.74E-01	9.70E-01
LMOD1	0.00	9.94E-01	1.00E+00	-0.15	7.74E-01	9.70E-01
AC093311.1	-2.01	3.08E-01	1.00E+00	-0.92	7.74E-01	9.70E-01
FAM220A	-0.03	8.95E-01	1.00E+00	0.07	7.74E-01	9.70E-01
RPS27A	-0.08	7.92E-01	1.00E+00	-0.07	7.74E-01	9.71E-01
RARG	-0.08	8.19E-01	1.00E+00	-0.12	7.74E-01	9.71E-01
HMG20B	-0.34	7.59E-02	1.00E+00	-0.08	7.74E-01	9.71E-01
BRD3	-0.18	4.13E-01	1.00E+00	0.06	7.74E-01	9.71E-01
PRKCI	0.23	4.40E-01	1.00E+00	-0.09	7.74E-01	9.71E-01
APOB	1.58	5.47E-02	1.00E+00	-0.21	7.74E-01	9.71E-01
WDCP	-0.01	9.67E-01	1.00E+00	-0.16	7.74E-01	9.71E-01
MLPH	0.02	9.77E-01	1.00E+00	0.10	7.74E-01	9.71E-01
RFX4	-1.82	5.12E-01	1.00E+00	0.57	7.74E-01	9.71E-01
NTRK1	0.10	9.38E-01	1.00E+00	0.91	7.74E-01	9.71E-01
LINC01128	0.02	9.45E-01	1.00E+00	-0.09	7.74E-01	9.71E-01
G10252	-0.86	2.52E-01	1.00E+00	-0.20	7.74E-01	9.71E-01
TENM1	-0.69	2.52E-01	1.00E+00	-0.16	7.75E-01	9.71E-01

FRS3	-0.38	2.22E-01	1.00E+00	0.24	7.75E-01	9.71E-01
RPL12P38	1.78	2.78E-01	1.00E+00	-0.14	7.75E-01	9.71E-01
DMWD	-0.44	1.34E-01	1.00E+00	0.17	7.75E-01	9.71E-01
ABCC8	-3.90	2.69E-03	2.68E-01	-0.37	7.75E-01	9.71E-01
MTFR1	-0.04	8.66E-01	1.00E+00	0.05	7.75E-01	9.71E-01
CPT2	-0.12	6.57E-01	1.00E+00	0.07	7.75E-01	9.71E-01
SMC2-AS1	0.24	8.93E-01	1.00E+00	0.44	7.75E-01	9.71E-01
TAF10	0.00	9.90E-01	1.00E+00	-0.22	7.75E-01	9.71E-01
RPS2P5	-0.67	5.21E-02	1.00E+00	-0.20	7.75E-01	9.71E-01
HEATR3	0.01	9.81E-01	1.00E+00	0.16	7.75E-01	9.71E-01
AL359182.2	-0.57	7.05E-01	1.00E+00	0.34	7.75E-01	9.71E-01
SLC44A2	0.07	6.91E-01	1.00E+00	-0.09	7.75E-01	9.71E-01
AL603839.2	0.41	6.90E-01	1.00E+00	0.27	7.75E-01	9.71E-01
RN7SL382P	-2.57	4.51E-01	1.00E+00	0.36	7.75E-01	9.71E-01
AC092611.2	0.48	2.14E-01	1.00E+00	0.19	7.75E-01	9.71E-01
LINC02028	2.62	2.18E-02	8.95E-01	0.24	7.75E-01	9.71E-01
GCLC	-0.24	3.37E-01	1.00E+00	-0.09	7.75E-01	9.71E-01
EEF1B2P1	-1.19	7.32E-01	1.00E+00	-0.23	7.75E-01	9.71E-01
EEF1B2P2	-0.80	8.18E-01	1.00E+00	0.19	7.75E-01	9.71E-01
DDX23	-0.06	6.98E-01	1.00E+00	0.10	7.75E-01	9.71E-01
NEPRO	0.06	7.47E-01	1.00E+00	0.05	7.75E-01	9.71E-01
PHIP	0.11	5.73E-01	1.00E+00	-0.05	7.75E-01	9.71E-01
G10667	0.48	7.73E-01	1.00E+00	0.42	7.75E-01	9.71E-01
AC092835.1	0.85	1.53E-01	1.00E+00	0.25	7.75E-01	9.71E-01
AC092279.1	0.00	9.95E-01	1.00E+00	-0.22	7.75E-01	9.71E-01
BRWD3	0.34	4.53E-01	1.00E+00	-0.12	7.75E-01	9.71E-01
ANXA13	-0.20	8.58E-01	1.00E+00	0.33	7.75E-01	9.71E-01
POLR3B	0.02	9.55E-01	1.00E+00	-0.06	7.76E-01	9.71E-01
LINC01703	-0.44	2.94E-01	1.00E+00	-0.16	7.76E-01	9.71E-01
DISP2	-2.66	1.55E-03	2.18E-01	-0.29	7.76E-01	9.71E-01
XLOC_010305	2.05	1.36E-01	1.00E+00	0.31	7.76E-01	9.71E-01
SPTLC3	0.26	6.11E-01	1.00E+00	0.10	7.76E-01	9.71E-01

RTEL1	1.08	4.48E-01	1.00E+00	-0.22	7.76E-01	9.71E-01
RPS19BP1	0.13	5.04E-01	1.00E+00	-0.05	7.76E-01	9.71E-01
POU5F1	-0.32	4.77E-01	1.00E+00	-0.22	7.76E-01	9.71E-01
GUCY1B1	0.17	7.28E-01	1.00E+00	-0.10	7.76E-01	9.71E-01
MLX	0.03	8.73E-01	1.00E+00	0.05	7.76E-01	9.71E-01
AL031665.2	-2.68	5.46E-02	1.00E+00	0.16	7.76E-01	9.71E-01
LDLR	-0.85	3.32E-02	1.00E+00	0.13	7.76E-01	9.71E-01
EMCN	0.31	5.17E-01	1.00E+00	-0.15	7.76E-01	9.71E-01
MRFAP1L1	0.19	2.31E-01	1.00E+00	-0.03	7.76E-01	9.71E-01
MXRA5Y	0.16	9.07E-01	1.00E+00	-0.21	7.76E-01	9.71E-01
IL21R	-0.18	8.22E-01	1.00E+00	0.89	7.76E-01	9.71E-01
C4B	0.22	8.08E-01	1.00E+00	0.89	7.76E-01	9.71E-01
POLR2H	0.04	8.50E-01	1.00E+00	0.06	7.77E-01	9.71E-01
AL023284.4	0.36	4.73E-01	1.00E+00	-0.15	7.77E-01	9.71E-01
SNORA25	-1.65	4.96E-01	1.00E+00	-0.31	7.77E-01	9.71E-01
ST8SIA6	-0.96	4.93E-02	1.00E+00	0.20	7.77E-01	9.71E-01
NR1I3	0.22	6.57E-01	1.00E+00	0.22	7.77E-01	9.71E-01
MUM1	-0.05	8.13E-01	1.00E+00	-0.09	7.77E-01	9.71E-01
AC084782.3	-3.19	2.31E-01	1.00E+00	-0.29	7.77E-01	9.71E-01
CC2D1A	-0.28	2.43E-01	1.00E+00	-0.15	7.77E-01	9.71E-01
DUSP7	-0.27	4.59E-01	1.00E+00	0.12	7.77E-01	9.71E-01
FAM3C2	-0.02	9.57E-01	1.00E+00	-0.16	7.77E-01	9.71E-01
ZNF814	-0.64	1.40E-01	1.00E+00	-0.11	7.77E-01	9.71E-01
PKN3	0.11	7.93E-01	1.00E+00	0.19	7.77E-01	9.71E-01
XLOC_004478	0.58	6.27E-01	1.00E+00	-0.33	7.77E-01	9.71E-01
HHAT	-0.23	5.36E-01	1.00E+00	0.08	7.77E-01	9.71E-01
HOXC4	-0.39	2.33E-01	1.00E+00	-0.14	7.77E-01	9.71E-01
DBN1	-0.03	9.62E-01	1.00E+00	0.16	7.77E-01	9.71E-01
AP002990.1	-0.69	4.53E-02	1.00E+00	0.09	7.77E-01	9.71E-01
GSTCD	0.31	2.36E-01	1.00E+00	0.07	7.77E-01	9.71E-01
AC009090.3	-1.82	4.97E-01	1.00E+00	0.25	7.77E-01	9.71E-01
ABHD15	0.36	3.35E-01	1.00E+00	-0.15	7.77E-01	9.71E-01

LCE2C	0.92	1.97E-01	1.00E+00	0.22	7.77E-01	9.71E-01
ANKRD24	-1.04	6.92E-02	1.00E+00	0.33	7.77E-01	9.71E-01
GFRA2	-0.20	6.36E-01	1.00E+00	0.16	7.77E-01	9.71E-01
STK24-AS1	-0.20	8.21E-01	1.00E+00	0.33	7.77E-01	9.71E-01
XLOC_008811	7.46	7.73E-03	5.39E-01	-0.25	7.77E-01	9.71E-01
BEST2	1.10	3.59E-02	1.00E+00	-0.26	7.77E-01	9.71E-01
CCDC77	0.26	3.22E-01	1.00E+00	-0.14	7.77E-01	9.71E-01
SAMD8	0.10	6.76E-01	1.00E+00	-0.08	7.77E-01	9.71E-01
KCNN2	-2.49	5.98E-03	4.59E-01	0.15	7.77E-01	9.71E-01
CDC42EP3	0.00	9.92E-01	1.00E+00	-0.11	7.77E-01	9.71E-01
PHRF1	-0.31	2.26E-01	1.00E+00	0.22	7.77E-01	9.71E-01
RNF169	-0.20	4.65E-01	1.00E+00	0.16	7.78E-01	9.71E-01
LCA5	0.30	4.81E-01	1.00E+00	-0.11	7.78E-01	9.71E-01
KRTAP8-1	-1.59	6.38E-01	1.00E+00	-0.91	7.78E-01	9.71E-01
PAMR1	0.15	7.12E-01	1.00E+00	-0.10	7.78E-01	9.71E-01
AL161636.1	0.20	9.01E-01	1.00E+00	0.37	7.78E-01	9.71E-01
SPARCL1	0.18	7.04E-01	1.00E+00	0.14	7.78E-01	9.71E-01
RPRD1A	0.16	4.74E-01	1.00E+00	-0.05	7.78E-01	9.71E-01
NGFR	-0.32	4.38E-01	1.00E+00	0.19	7.78E-01	9.71E-01
HIRA	-0.21	5.41E-01	1.00E+00	0.14	7.78E-01	9.71E-01
AL136309.2	1.05	3.99E-01	1.00E+00	0.45	7.78E-01	9.71E-01
AL355304.1	0.37	9.14E-01	1.00E+00	-0.28	7.78E-01	9.71E-01
PHF24	-1.08	4.15E-02	1.00E+00	-0.21	7.78E-01	9.71E-01
RPS27P29	-1.60	6.41E-01	1.00E+00	0.28	7.78E-01	9.71E-01
G18874	1.50	1.24E-01	1.00E+00	-0.22	7.78E-01	9.71E-01
G28331	0.35	7.04E-01	1.00E+00	-0.17	7.78E-01	9.71E-01
NAA80	-0.26	3.60E-01	1.00E+00	-0.07	7.78E-01	9.71E-01
FAU	-0.10	6.86E-01	1.00E+00	0.07	7.78E-01	9.71E-01
HCN1	-2.00	1.60E-02	7.92E-01	-0.34	7.78E-01	9.71E-01
NT5DC2	-0.17	6.52E-01	1.00E+00	0.09	7.78E-01	9.71E-01
CISH	-0.89	4.05E-03	3.54E-01	-0.13	7.78E-01	9.71E-01
FAM84B	0.18	6.25E-01	1.00E+00	-0.09	7.78E-01	9.71E-01

SERPINF2	-0.41	2.09E-01	1.00E+00	0.12	7.79E-01	9.71E-01
RPS4XP16	-0.63	5.31E-01	1.00E+00	-0.23	7.79E-01	9.71E-01
RN7SL751P	-1.97	5.67E-01	1.00E+00	-0.30	7.79E-01	9.71E-01
RABGAP1	0.32	3.32E-02	1.00E+00	-0.12	7.79E-01	9.71E-01
SPC24	-0.34	4.38E-01	1.00E+00	0.12	7.79E-01	9.71E-01
NUSAP1	-2.27	3.94E-02	1.00E+00	0.19	7.79E-01	9.71E-01
SENP3	-0.02	9.54E-01	1.00E+00	0.23	7.79E-01	9.71E-01
G24400	-0.48	6.19E-01	1.00E+00	0.21	7.79E-01	9.71E-01
KRT39	-4.67	4.75E-02	1.00E+00	0.88	7.79E-01	9.71E-01
GALNT3	0.23	5.38E-01	1.00E+00	0.11	7.79E-01	9.71E-01
ADD2	-1.09	4.24E-02	1.00E+00	-0.19	7.79E-01	9.71E-01
CYB561A3	-0.12	6.40E-01	1.00E+00	0.07	7.79E-01	9.71E-01
ZNF704	0.20	5.39E-01	1.00E+00	0.11	7.79E-01	9.71E-01
BMX	0.29	6.65E-01	1.00E+00	-0.17	7.79E-01	9.71E-01
KRTAP19-5	-1.75	5.98E-01	1.00E+00	-0.90	7.79E-01	9.71E-01
PDXK	0.75	1.19E-01	1.00E+00	-0.15	7.80E-01	9.71E-01
ATP5BP5	-0.06	9.23E-01	1.00E+00	0.35	7.80E-01	9.71E-01
SLC6A2	0.53	3.40E-01	1.00E+00	0.13	7.80E-01	9.71E-01
SPAAR	1.85	1.77E-02	8.36E-01	0.63	7.80E-01	9.71E-01
NCAPH	0.03	9.49E-01	1.00E+00	0.18	7.80E-01	9.71E-01
CYP4F22	-0.05	9.23E-01	1.00E+00	0.16	7.80E-01	9.71E-01
AC009779.2	-0.32	5.21E-01	1.00E+00	0.18	7.80E-01	9.71E-01
PSMD7	-0.04	8.62E-01	1.00E+00	-0.08	7.80E-01	9.71E-01
ANP32E	0.07	7.66E-01	1.00E+00	-0.09	7.80E-01	9.71E-01
C3orf33	-1.44	1.99E-01	1.00E+00	-0.17	7.80E-01	9.71E-01
ANXA8L2	-0.59	1.72E-01	1.00E+00	0.16	7.80E-01	9.71E-01
SMYD5	-0.26	3.62E-01	1.00E+00	0.07	7.80E-01	9.71E-01
UBXN4	0.00	9.95E-01	1.00E+00	-0.04	7.80E-01	9.71E-01
CHMP6	-0.35	2.26E-01	1.00E+00	0.05	7.80E-01	9.71E-01
UBOX5	-0.31	2.20E-01	1.00E+00	-0.07	7.80E-01	9.71E-01
IL34	0.10	8.10E-01	1.00E+00	0.12	7.80E-01	9.71E-01
AC114947.2	-0.14	8.90E-01	1.00E+00	-0.23	7.80E-01	9.71E-01

XLOC_013697	0.84	1.56E-01	1.00E+00	-0.27	7.80E-01	9.71E-01
SLC4A4	-0.19	8.26E-01	1.00E+00	-0.25	7.80E-01	9.71E-01
AC022973.4	-0.42	8.31E-01	1.00E+00	0.36	7.80E-01	9.71E-01
AL590139.1	-0.20	8.73E-01	1.00E+00	-0.17	7.80E-01	9.71E-01
AJ011932.1	0.80	4.74E-01	1.00E+00	0.23	7.80E-01	9.71E-01
G26757	-0.13	8.90E-01	1.00E+00	-0.20	7.81E-01	9.71E-01
AC022558.1	1.33	6.09E-01	1.00E+00	-0.35	7.81E-01	9.71E-01
XLOC_001934	-1.02	6.57E-01	1.00E+00	0.31	7.81E-01	9.71E-01
AL662844.4	0.53	3.70E-01	1.00E+00	-0.10	7.81E-01	9.71E-01
NFE2L3	-0.05	9.14E-01	1.00E+00	0.15	7.81E-01	9.71E-01
ACADVL	0.35	1.09E-01	1.00E+00	-0.09	7.81E-01	9.71E-01
CYP4F2	0.03	9.86E-01	1.00E+00	-0.88	7.81E-01	9.71E-01
ETHE1	-0.26	4.71E-01	1.00E+00	-0.06	7.81E-01	9.71E-01
CCDC178	-0.97	4.62E-01	1.00E+00	-0.66	7.81E-01	9.71E-01
ACLY	-0.06	8.44E-01	1.00E+00	-0.11	7.81E-01	9.71E-01
ADSS	0.03	8.87E-01	1.00E+00	-0.05	7.81E-01	9.71E-01
PRORS1P	-0.32	6.33E-01	1.00E+00	-0.21	7.81E-01	9.71E-01
UBAC2	0.36	4.14E-02	1.00E+00	0.03	7.81E-01	9.71E-01
IGKJ3	-0.48	8.90E-01	1.00E+00	0.74	7.81E-01	9.71E-01
RUSC1-AS1	-0.92	3.38E-01	1.00E+00	0.22	7.81E-01	9.71E-01
XLOC_008141	0.23	8.77E-01	1.00E+00	0.39	7.81E-01	9.71E-01
CBR3	-0.51	2.99E-01	1.00E+00	-0.15	7.81E-01	9.71E-01
CERS2	0.02	9.56E-01	1.00E+00	0.08	7.81E-01	9.71E-01
SYT14	-4.92	1.09E-03	1.72E-01	0.28	7.81E-01	9.71E-01
WDR33	-0.33	1.87E-01	1.00E+00	-0.05	7.81E-01	9.71E-01
KNL1	-0.56	1.47E-01	1.00E+00	-0.18	7.82E-01	9.71E-01
ZNF321P	-0.99	1.79E-01	1.00E+00	0.15	7.82E-01	9.71E-01
ITPR3	-0.15	7.31E-01	1.00E+00	-0.16	7.82E-01	9.71E-01
LARGE2	-0.50	3.11E-02	1.00E+00	-0.17	7.82E-01	9.71E-01
G5265	-2.18	5.60E-02	1.00E+00	-0.33	7.82E-01	9.71E-01
ERLEC1	0.16	4.09E-01	1.00E+00	0.05	7.82E-01	9.71E-01
AC092868.2	0.32	9.26E-01	1.00E+00	-0.32	7.82E-01	9.71E-01

Z99289.1	1.54	5.30E-01	1.00E+00	-0.37	7.82E-01	9.71E-01
CDK2AP2	-0.40	1.93E-01	1.00E+00	-0.07	7.82E-01	9.71E-01
ARNTL	1.01	8.16E-03	5.56E-01	0.09	7.82E-01	9.71E-01
RPS7P1	-0.46	2.32E-01	1.00E+00	-0.15	7.82E-01	9.71E-01
PSPC1P1	-2.11	3.56E-01	1.00E+00	-0.22	7.82E-01	9.71E-01
AP003119.1	-1.28	7.10E-01	1.00E+00	0.28	7.82E-01	9.71E-01
MAATS1	0.06	9.55E-01	1.00E+00	0.22	7.82E-01	9.71E-01
C9orf78	0.09	6.37E-01	1.00E+00	-0.06	7.82E-01	9.71E-01
SENP7	0.33	3.35E-01	1.00E+00	-0.06	7.82E-01	9.72E-01
C11orf68	0.01	9.69E-01	1.00E+00	0.15	7.82E-01	9.72E-01
FAM83C	-0.32	5.53E-01	1.00E+00	-0.19	7.82E-01	9.72E-01
GATA3-AS1	-0.94	3.10E-01	1.00E+00	0.25	7.82E-01	9.72E-01
AC007881.3	1.92	4.92E-01	1.00E+00	-0.85	7.82E-01	9.72E-01
NUDCD3	0.02	8.55E-01	1.00E+00	0.06	7.82E-01	9.72E-01
CMYA5	-0.22	6.10E-01	1.00E+00	-0.14	7.82E-01	9.72E-01
XLOC_013022	4.66	3.87E-03	3.41E-01	0.87	7.82E-01	9.72E-01
AL022322.1	-1.32	4.51E-01	1.00E+00	0.72	7.82E-01	9.72E-01
SYPL2	1.61	6.41E-02	1.00E+00	0.23	7.82E-01	9.72E-01
SMKR1	0.15	8.01E-01	1.00E+00	-0.23	7.82E-01	9.72E-01
EXOC1	0.05	8.29E-01	1.00E+00	-0.05	7.82E-01	9.72E-01
NUP93	-0.33	4.98E-02	1.00E+00	-0.04	7.82E-01	9.72E-01
GPR84	-1.63	2.05E-01	1.00E+00	0.87	7.82E-01	9.72E-01
XLOC_008114	-1.27	5.47E-01	1.00E+00	0.34	7.82E-01	9.72E-01
AC022150.2	0.80	1.33E-01	1.00E+00	0.29	7.83E-01	9.72E-01
GPAA1	0.01	9.82E-01	1.00E+00	0.06	7.83E-01	9.72E-01
AGPAT1	0.22	4.87E-01	1.00E+00	0.09	7.83E-01	9.72E-01
AC006213.4	-0.10	9.16E-01	1.00E+00	-0.30	7.83E-01	9.72E-01
AL445250.1	-0.56	8.26E-01	1.00E+00	-0.27	7.83E-01	9.72E-01
C18orf32	0.42	3.26E-01	1.00E+00	0.14	7.83E-01	9.72E-01
HSPB2	-1.32	6.38E-01	1.00E+00	0.19	7.83E-01	9.72E-01
CHRNA3	-2.74	4.43E-02	1.00E+00	0.30	7.83E-01	9.72E-01
KRTAP10-11	-13.54	7.77E-05	2.01E-02	-0.88	7.83E-01	9.72E-01

ELOVL2	0.14	7.84E-01	1.00E+00	-0.26	7.83E-01	9.72E-01
G36295	-3.38	5.17E-02	1.00E+00	0.27	7.83E-01	9.72E-01
INPP5E	-0.21	3.60E-01	1.00E+00	0.17	7.83E-01	9.72E-01
AC111152.3	1.16	7.39E-01	1.00E+00	0.26	7.83E-01	9.72E-01
DBH-AS1	-2.86	6.74E-02	1.00E+00	0.49	7.83E-01	9.72E-01
GLIS2-AS1	-2.27	1.09E-01	1.00E+00	-0.19	7.83E-01	9.72E-01
HPDL	-0.08	8.72E-01	1.00E+00	0.19	7.83E-01	9.72E-01
RASAL2-AS1	-0.72	2.39E-01	1.00E+00	-0.21	7.83E-01	9.72E-01
HMSD	0.69	4.01E-01	1.00E+00	-0.18	7.83E-01	9.72E-01
AHR	-0.08	7.36E-01	1.00E+00	0.09	7.83E-01	9.72E-01
TMEM109	0.10	6.03E-01	1.00E+00	0.05	7.83E-01	9.72E-01
GTF2H3	0.10	6.36E-01	1.00E+00	-0.04	7.83E-01	9.72E-01
RNPC3	0.11	6.79E-01	1.00E+00	-0.08	7.84E-01	9.72E-01
PXK	0.17	4.99E-01	1.00E+00	-0.08	7.84E-01	9.72E-01
SLITRK2	0.02	9.73E-01	1.00E+00	0.12	7.84E-01	9.72E-01
C1orf174	-0.28	4.26E-01	1.00E+00	-0.06	7.84E-01	9.72E-01
TTC22	0.01	9.86E-01	1.00E+00	-0.19	7.84E-01	9.72E-01
NUB1	-0.15	3.60E-01	1.00E+00	0.06	7.84E-01	9.72E-01
RPL3P4	0.24	7.59E-01	1.00E+00	0.18	7.84E-01	9.72E-01
FANCG	0.07	7.59E-01	1.00E+00	-0.09	7.84E-01	9.72E-01
ATG2B	0.19	5.39E-01	1.00E+00	-0.08	7.84E-01	9.72E-01
NDUFAF5	0.20	3.51E-01	1.00E+00	-0.07	7.84E-01	9.72E-01
PTMAP5	-0.05	8.78E-01	1.00E+00	-0.14	7.84E-01	9.72E-01
AC105020.6	0.08	9.32E-01	1.00E+00	0.23	7.84E-01	9.72E-01
TMEM155	-15.09	3.64E-09	1.90E-06	-0.87	7.84E-01	9.72E-01
GADD45B	-1.52	7.07E-03	5.12E-01	-0.17	7.84E-01	9.72E-01
MAP3K5	0.26	1.93E-01	1.00E+00	0.12	7.84E-01	9.72E-01
AC004889.1	0.37	3.59E-01	1.00E+00	-0.14	7.84E-01	9.72E-01
AP001442.1	0.76	7.95E-01	1.00E+00	-0.21	7.84E-01	9.72E-01
AL135818.1	-0.12	9.07E-01	1.00E+00	0.25	7.84E-01	9.72E-01
ATP8A1	-0.20	6.06E-01	1.00E+00	0.15	7.84E-01	9.72E-01
AC007684.1	2.49	3.02E-01	1.00E+00	-0.33	7.84E-01	9.72E-01

LINGO2	0.05	9.42E-01	1.00E+00	-0.24	7.85E-01	9.72E-01
AC025171.1	-0.10	8.19E-01	1.00E+00	0.12	7.85E-01	9.72E-01
CDK16	-0.06	7.94E-01	1.00E+00	0.10	7.85E-01	9.72E-01
CCT4	0.16	4.12E-01	1.00E+00	-0.05	7.85E-01	9.72E-01
BMPR1B	-0.95	4.69E-04	9.32E-02	-0.11	7.85E-01	9.72E-01
DPY19L2P3	-0.25	7.12E-01	1.00E+00	-0.17	7.85E-01	9.72E-01
RPS4XP11	-1.26	7.16E-01	1.00E+00	-0.24	7.85E-01	9.72E-01
AL451085.1	-2.22	2.41E-01	1.00E+00	0.36	7.85E-01	9.72E-01
KRTAP4-8	-20.07	5.11E-09	2.58E-06	-0.88	7.85E-01	9.72E-01
FLG2	0.20	7.74E-01	1.00E+00	0.20	7.85E-01	9.72E-01
RPL15	-0.04	8.87E-01	1.00E+00	-0.06	7.85E-01	9.72E-01
TSSK6	-1.33	3.62E-02	1.00E+00	0.18	7.85E-01	9.72E-01
TTPAL	0.31	4.16E-01	1.00E+00	0.07	7.85E-01	9.72E-01
CHERP	-0.32	2.93E-01	1.00E+00	0.11	7.85E-01	9.72E-01
IPO9	0.00	1.00E+00	1.00E+00	-0.05	7.85E-01	9.72E-01
AL355488.1	-0.67	6.56E-01	1.00E+00	-0.28	7.85E-01	9.72E-01
CGN	0.01	9.82E-01	1.00E+00	0.15	7.85E-01	9.72E-01
AC067750.1	0.86	2.13E-01	1.00E+00	0.16	7.85E-01	9.72E-01
ZCCHC18	-0.31	6.25E-01	1.00E+00	0.30	7.85E-01	9.72E-01
SNPH	-0.35	4.62E-01	1.00E+00	0.68	7.85E-01	9.72E-01
ASPM	0.12	7.59E-01	1.00E+00	-0.16	7.85E-01	9.72E-01
ZNF474	0.88	3.69E-01	1.00E+00	-0.28	7.85E-01	9.72E-01
WNK4	1.17	3.25E-01	1.00E+00	0.31	7.85E-01	9.72E-01
PSMB5	0.16	3.78E-01	1.00E+00	0.09	7.85E-01	9.72E-01
AZGP1	0.18	6.50E-01	1.00E+00	-0.10	7.85E-01	9.72E-01
KRTAP5-3	-19.62	1.01E-08	4.69E-06	-0.87	7.85E-01	9.72E-01
AC005410.2	-2.05	1.66E-01	1.00E+00	-0.25	7.85E-01	9.72E-01
AC108134.2	-0.64	3.34E-01	1.00E+00	0.21	7.86E-01	9.72E-01
KRTAP10-1	-29.97	9.47E-19	5.54E-15	-0.87	7.86E-01	9.72E-01
CYB561D2	-0.33	2.38E-01	1.00E+00	0.08	7.86E-01	9.72E-01
RALGPS2	-0.19	6.60E-01	1.00E+00	0.10	7.86E-01	9.72E-01
THAP10	-0.11	7.25E-01	1.00E+00	-0.11	7.86E-01	9.72E-01

LINC01704	-0.46	8.94E-01	1.00E+00	0.71	7.86E-01	9.72E-01
AC069547.2	-10.48	2.23E-03	2.39E-01	0.88	7.86E-01	9.72E-01
CNGA1	0.69	3.51E-02	1.00E+00	-0.11	7.86E-01	9.72E-01
PCBP3	-0.44	3.52E-01	1.00E+00	-0.17	7.86E-01	9.72E-01
PPDPFL	0.57	5.14E-01	1.00E+00	-0.21	7.86E-01	9.72E-01
SCN4B	0.17	7.68E-01	1.00E+00	-0.21	7.86E-01	9.72E-01
MAP3K21	-0.09	7.70E-01	1.00E+00	-0.15	7.86E-01	9.72E-01
PCGF5	0.13	4.78E-01	1.00E+00	-0.05	7.86E-01	9.72E-01
USF3	-0.23	2.40E-01	1.00E+00	0.10	7.86E-01	9.72E-01
EIF5P1	NA	NA	NA	0.22	7.86E-01	9.72E-01
GLI3	-0.32	3.69E-01	1.00E+00	0.09	7.86E-01	9.72E-01
GATSL2	0.46	6.25E-01	1.00E+00	-0.31	7.86E-01	9.72E-01
LINC02185	-0.23	7.15E-01	1.00E+00	0.20	7.86E-01	9.72E-01
ADAM21	-0.12	9.47E-01	1.00E+00	0.34	7.86E-01	9.72E-01
CCDC184	-0.18	6.81E-01	1.00E+00	0.29	7.86E-01	9.72E-01
FENDRR	-2.24	2.17E-01	1.00E+00	0.87	7.86E-01	9.72E-01
GATA2-AS1	-0.12	7.70E-01	1.00E+00	0.21	7.86E-01	9.72E-01
FAN1	0.33	1.34E-01	1.00E+00	-0.07	7.86E-01	9.72E-01
NDUFA2	-0.15	5.56E-01	1.00E+00	-0.13	7.86E-01	9.72E-01
TRNAU1AP	-0.12	5.58E-01	1.00E+00	-0.05	7.86E-01	9.72E-01
AC016745.2	-0.45	8.95E-01	1.00E+00	0.55	7.86E-01	9.72E-01
KIFAP3	0.14	4.29E-01	1.00E+00	0.05	7.87E-01	9.72E-01
TBRG1	-0.01	9.80E-01	1.00E+00	0.07	7.87E-01	9.72E-01
ATP1B1	-0.02	9.76E-01	1.00E+00	-0.11	7.87E-01	9.72E-01
THBD	-0.47	4.70E-01	1.00E+00	0.10	7.87E-01	9.72E-01
NCAPD2	-0.06	7.70E-01	1.00E+00	0.10	7.87E-01	9.72E-01
PTGDR	0.32	6.55E-01	1.00E+00	0.20	7.87E-01	9.72E-01
ZNF227	-0.03	9.00E-01	1.00E+00	0.11	7.87E-01	9.72E-01
HPS6	0.00	1.00E+00	1.00E+00	0.15	7.87E-01	9.72E-01
AC093525.8	1.27	3.80E-01	1.00E+00	0.45	7.87E-01	9.72E-01
AC018475.1	-0.36	7.71E-01	1.00E+00	-0.17	7.87E-01	9.72E-01
ASGR1	-0.14	7.57E-01	1.00E+00	-0.10	7.87E-01	9.72E-01

AC004816.1	-0.05	9.49E-01	1.00E+00	0.14	7.87E-01	9.72E-01
MAP3K20-AS1	-2.67	1.01E-01	1.00E+00	0.16	7.87E-01	9.72E-01
CRTAC1	-0.88	6.94E-02	1.00E+00	0.21	7.87E-01	9.72E-01
HOXB3	0.18	7.78E-01	1.00E+00	-0.14	7.87E-01	9.72E-01
CSAD	0.24	5.27E-01	1.00E+00	-0.10	7.87E-01	9.72E-01
MAP3K19	-1.21	5.74E-01	1.00E+00	-0.29	7.87E-01	9.72E-01
SIM2	0.99	2.30E-01	1.00E+00	-0.22	7.87E-01	9.72E-01
SPRY1	0.26	2.81E-01	1.00E+00	-0.09	7.87E-01	9.72E-01
SYNJ2BP	0.20	5.96E-01	1.00E+00	0.07	7.87E-01	9.72E-01
LZTS2	-0.15	4.65E-01	1.00E+00	0.15	7.88E-01	9.72E-01
EIF4EBP3	-0.20	8.95E-01	1.00E+00	0.24	7.88E-01	9.72E-01
FAM155B	0.34	6.62E-01	1.00E+00	0.85	7.88E-01	9.72E-01
AL603965.1	-0.42	7.20E-01	1.00E+00	0.20	7.88E-01	9.72E-01
AL034397.3	1.07	6.85E-01	1.00E+00	0.31	7.88E-01	9.72E-01
AP000679.1	-2.32	1.95E-01	1.00E+00	0.19	7.88E-01	9.72E-01
PAPOLG	0.19	5.13E-01	1.00E+00	-0.07	7.88E-01	9.72E-01
AL591721.1	0.37	8.91E-01	1.00E+00	-0.31	7.88E-01	9.72E-01
KRT9	-0.53	2.71E-01	1.00E+00	0.84	7.88E-01	9.72E-01
PDE6D	-0.47	2.15E-02	8.94E-01	-0.07	7.88E-01	9.72E-01
EFNA5	-0.08	7.75E-01	1.00E+00	-0.11	7.88E-01	9.72E-01
ZNF234	0.27	4.08E-01	1.00E+00	0.14	7.88E-01	9.72E-01
AC136424.2	1.23	4.69E-01	1.00E+00	0.35	7.88E-01	9.72E-01
AC046143.2	-0.44	7.32E-01	1.00E+00	0.27	7.88E-01	9.72E-01
REV3L-IT1	-1.91	5.75E-01	1.00E+00	-0.33	7.88E-01	9.72E-01
AL109955.1	-0.30	8.80E-01	1.00E+00	0.29	7.88E-01	9.72E-01
XLOC_012467	-0.68	4.11E-01	1.00E+00	-0.28	7.88E-01	9.72E-01
L3HYPDH	0.20	5.62E-01	1.00E+00	-0.09	7.88E-01	9.72E-01
PCDHA4	-0.46	5.89E-01	1.00E+00	0.32	7.88E-01	9.72E-01
TRIM37	-0.05	7.73E-01	1.00E+00	0.07	7.88E-01	9.72E-01
CDKN2B-AS1	-0.49	7.67E-01	1.00E+00	-0.29	7.88E-01	9.72E-01
MOV10L1	-1.97	2.26E-02	9.05E-01	0.24	7.88E-01	9.72E-01
SRRM3	-0.45	1.15E-01	1.00E+00	0.17	7.88E-01	9.72E-01

SPEN	-0.31	2.76E-01	1.00E+00	0.15	7.89E-01	9.72E-01
MCM2	-0.33	2.10E-01	1.00E+00	0.10	7.89E-01	9.72E-01
LSMEM1	-0.24	8.27E-01	1.00E+00	0.27	7.89E-01	9.72E-01
SMARCD3	-0.19	6.41E-01	1.00E+00	-0.18	7.89E-01	9.72E-01
AP1S2	-0.30	3.65E-01	1.00E+00	0.08	7.89E-01	9.72E-01
GRM6	-1.50	4.72E-01	1.00E+00	-0.39	7.89E-01	9.72E-01
LINC01783	-0.57	4.70E-01	1.00E+00	-0.40	7.89E-01	9.72E-01
AC005261.5	-0.52	5.76E-01	1.00E+00	-0.17	7.89E-01	9.72E-01
CHAMP1	0.13	5.08E-01	1.00E+00	-0.09	7.89E-01	9.72E-01
AC010307.2	-2.03	6.44E-02	1.00E+00	-0.22	7.89E-01	9.72E-01
SLC4A10	-3.96	1.40E-02	7.46E-01	0.26	7.89E-01	9.72E-01
AC006277.1	-2.99	1.22E-01	1.00E+00	-0.36	7.89E-01	9.72E-01
RPL24P8	0.27	7.42E-01	1.00E+00	-0.16	7.89E-01	9.72E-01
PLA2G12A	0.01	9.38E-01	1.00E+00	-0.07	7.89E-01	9.72E-01
AF196972.1	-1.34	3.39E-01	1.00E+00	-0.60	7.89E-01	9.72E-01
KRT16P5	-0.97	4.02E-01	1.00E+00	0.17	7.89E-01	9.72E-01
NELFCD	0.07	6.78E-01	1.00E+00	0.04	7.89E-01	9.72E-01
G8925	0.38	8.16E-01	1.00E+00	-0.86	7.89E-01	9.72E-01
LTC4S	0.11	7.55E-01	1.00E+00	0.09	7.89E-01	9.72E-01
FLYWCH2	-0.28	2.47E-01	1.00E+00	-0.07	7.89E-01	9.72E-01
XLOC_005834	0.92	7.31E-01	1.00E+00	-0.71	7.89E-01	9.72E-01
PPAT	0.00	9.96E-01	1.00E+00	0.09	7.89E-01	9.72E-01
DPRXP3	-1.03	6.42E-01	1.00E+00	-0.32	7.89E-01	9.72E-01
NUTM2A	0.08	9.33E-01	1.00E+00	0.84	7.89E-01	9.72E-01
FANCA	-0.74	3.68E-02	1.00E+00	-0.18	7.89E-01	9.72E-01
TANGO6	-0.23	3.09E-01	1.00E+00	0.09	7.89E-01	9.72E-01
NSUN4	0.00	9.83E-01	1.00E+00	0.05	7.89E-01	9.72E-01
TMPRSS2	0.08	9.25E-01	1.00E+00	-0.21	7.90E-01	9.72E-01
LINC01514	-1.17	3.70E-01	1.00E+00	0.20	7.90E-01	9.72E-01
CEP126	0.60	1.56E-01	1.00E+00	-0.10	7.90E-01	9.72E-01
AR	0.17	6.57E-01	1.00E+00	-0.10	7.90E-01	9.72E-01
AL080317.2	-1.30	5.05E-01	1.00E+00	-0.21	7.90E-01	9.72E-01

G17702	-0.99	3.32E-01	1.00E+00	-0.27	7.90E-01	9.72E-01
PLEKHG5	-0.39	2.64E-01	1.00E+00	-0.13	7.90E-01	9.73E-01
OR2A9P	-0.30	7.84E-01	1.00E+00	-0.14	7.90E-01	9.73E-01
AC022872.1	-1.95	2.44E-01	1.00E+00	-0.32	7.90E-01	9.73E-01
PDLIM3	0.31	5.41E-01	1.00E+00	0.08	7.90E-01	9.73E-01
TMPO	-0.08	7.52E-01	1.00E+00	0.06	7.90E-01	9.73E-01
AP000487.1	0.08	9.31E-01	1.00E+00	-0.15	7.90E-01	9.73E-01
PSMC1P9	-1.67	2.73E-01	1.00E+00	-0.19	7.90E-01	9.73E-01
SELENOI	-0.01	9.73E-01	1.00E+00	0.11	7.91E-01	9.73E-01
CKS1BP7	0.98	7.78E-01	1.00E+00	0.25	7.91E-01	9.73E-01
STK4-AS1	-0.27	7.94E-01	1.00E+00	-0.29	7.91E-01	9.73E-01
CDC14A	-0.14	5.93E-01	1.00E+00	0.10	7.91E-01	9.73E-01
RTL8B	-0.09	5.90E-01	1.00E+00	-0.05	7.91E-01	9.73E-01
TAZ	-0.03	9.20E-01	1.00E+00	-0.12	7.91E-01	9.73E-01
AL137847.1	-1.96	1.84E-01	1.00E+00	-0.24	7.91E-01	9.73E-01
PXYLP1	0.21	2.70E-01	1.00E+00	-0.10	7.91E-01	9.73E-01
AC124312.2	-2.47	4.79E-02	1.00E+00	0.24	7.91E-01	9.73E-01
DLGAP5	0.09	8.08E-01	1.00E+00	-0.14	7.91E-01	9.73E-01
AC022336.3	-2.30	1.74E-01	1.00E+00	0.46	7.91E-01	9.73E-01
RAB11B	-0.17	5.31E-01	1.00E+00	-0.10	7.91E-01	9.73E-01
RAD54L	0.68	1.45E-01	1.00E+00	-0.21	7.91E-01	9.73E-01
AL078621.3	0.58	2.11E-01	1.00E+00	-0.16	7.91E-01	9.73E-01
TOM1L1	-0.32	2.31E-01	1.00E+00	-0.07	7.92E-01	9.73E-01
RTN4RL2	-1.24	1.11E-03	1.75E-01	0.20	7.92E-01	9.73E-01
ASPG	-0.01	9.90E-01	1.00E+00	0.16	7.92E-01	9.74E-01
G28942	0.33	6.36E-01	1.00E+00	-0.17	7.92E-01	9.74E-01
TPI1P2	-0.82	1.42E-01	1.00E+00	-0.18	7.92E-01	9.74E-01
KRTAP9-2	-9.36	7.16E-03	5.13E-01	-0.85	7.92E-01	9.74E-01
RPLP0P6	-0.19	6.32E-01	1.00E+00	0.14	7.92E-01	9.74E-01
KLRF1	-0.33	7.14E-01	1.00E+00	0.15	7.92E-01	9.74E-01
PNLIPRP3	0.02	9.66E-01	1.00E+00	-0.17	7.92E-01	9.74E-01
EIF2S1	0.08	7.34E-01	1.00E+00	-0.07	7.92E-01	9.74E-01

CBLC	-0.25	6.11E-01	1.00E+00	0.16	7.92E-01	9.74E-01
G31829	3.57	1.44E-02	7.57E-01	0.24	7.92E-01	9.74E-01
ANKMY1	-0.38	1.90E-01	1.00E+00	0.09	7.92E-01	9.74E-01
SERPINI1	0.15	8.14E-01	1.00E+00	-0.11	7.92E-01	9.74E-01
HIST1H2BB	-1.87	5.81E-01	1.00E+00	-0.46	7.92E-01	9.74E-01
CCDC85B	-0.62	1.76E-02	8.33E-01	0.17	7.92E-01	9.74E-01
SEC11A	0.20	3.43E-01	1.00E+00	0.04	7.92E-01	9.74E-01
AL589765.4	0.15	7.58E-01	1.00E+00	0.30	7.92E-01	9.74E-01
PDCL3P5	-1.44	1.89E-01	1.00E+00	0.13	7.92E-01	9.74E-01
G25097	-1.09	3.83E-01	1.00E+00	0.84	7.92E-01	9.74E-01
PDLIM2	-0.07	8.65E-01	1.00E+00	-0.07	7.93E-01	9.74E-01
PIIG	0.07	7.22E-01	1.00E+00	0.05	7.93E-01	9.74E-01
TMSB15B	-0.21	6.52E-01	1.00E+00	0.11	7.93E-01	9.74E-01
LIMCH1	0.54	2.09E-01	1.00E+00	-0.08	7.93E-01	9.74E-01
AC097376.1	-2.56	6.72E-02	1.00E+00	0.32	7.93E-01	9.74E-01
RPL26L1	-0.30	9.97E-02	1.00E+00	0.06	7.93E-01	9.74E-01
AC034213.1	0.62	8.53E-01	1.00E+00	0.31	7.93E-01	9.74E-01
AC024257.3	-0.16	9.43E-01	1.00E+00	-0.31	7.93E-01	9.74E-01
ANKRD19P	0.73	4.13E-01	1.00E+00	0.11	7.93E-01	9.74E-01
ADGRE1	-0.15	9.36E-01	1.00E+00	0.83	7.93E-01	9.74E-01
TTLL11	0.01	9.71E-01	1.00E+00	-0.26	7.93E-01	9.74E-01
RPL35	-0.14	6.33E-01	1.00E+00	0.07	7.93E-01	9.74E-01
SNRPA1	0.13	5.84E-01	1.00E+00	-0.06	7.93E-01	9.74E-01
TIMM10	-0.01	9.59E-01	1.00E+00	-0.05	7.93E-01	9.74E-01
UCKL1-AS1	-1.74	3.27E-01	1.00E+00	0.31	7.93E-01	9.74E-01
AP002851.1	-0.09	8.95E-01	1.00E+00	0.11	7.93E-01	9.74E-01
AC051619.5	-2.38	9.17E-02	1.00E+00	-0.28	7.93E-01	9.74E-01
PHTF2	0.07	8.43E-01	1.00E+00	0.05	7.93E-01	9.74E-01
AC020663.3	-0.35	9.18E-01	1.00E+00	0.25	7.93E-01	9.74E-01
BEND6	-0.12	8.82E-01	1.00E+00	-0.13	7.93E-01	9.74E-01
AMFR	0.18	4.19E-01	1.00E+00	0.12	7.93E-01	9.74E-01
SPRY4-AS1	-0.73	7.10E-01	1.00E+00	-0.22	7.93E-01	9.74E-01

LINC01686	-0.55	4.95E-01	1.00E+00	0.23	7.93E-01	9.74E-01
MGAT4B	-0.01	9.57E-01	1.00E+00	0.24	7.93E-01	9.74E-01
ZYG11A	-1.89	1.73E-01	1.00E+00	0.29	7.94E-01	9.74E-01
SSSCA1-AS1	-0.35	3.59E-01	1.00E+00	0.09	7.94E-01	9.74E-01
G32993	-1.16	2.91E-01	1.00E+00	0.21	7.94E-01	9.74E-01
CDH6	-0.38	4.16E-01	1.00E+00	0.13	7.94E-01	9.74E-01
AC012085.1	-0.66	6.93E-02	1.00E+00	-0.10	7.94E-01	9.74E-01
LZTR1	0.39	3.76E-01	1.00E+00	0.11	7.94E-01	9.74E-01
ZNF792	-0.11	7.25E-01	1.00E+00	0.18	7.94E-01	9.74E-01
GAS2L2	0.75	4.40E-01	1.00E+00	0.31	7.94E-01	9.74E-01
FBLL1	-0.68	4.22E-01	1.00E+00	0.31	7.94E-01	9.74E-01
CLIC1P1	0.52	8.81E-01	1.00E+00	-0.21	7.94E-01	9.74E-01
SORCS1	-0.29	5.50E-01	1.00E+00	-0.21	7.94E-01	9.74E-01
KRTAP4-5	-12.19	4.13E-04	8.56E-02	-0.84	7.94E-01	9.74E-01
EPX	0.39	7.15E-01	1.00E+00	0.20	7.94E-01	9.74E-01
HSPA4L	-0.11	7.30E-01	1.00E+00	0.10	7.94E-01	9.74E-01
ZNF416	0.15	6.14E-01	1.00E+00	0.07	7.94E-01	9.74E-01
AC093702.1	-2.87	5.71E-02	1.00E+00	-0.40	7.94E-01	9.74E-01
KREMEN1	-0.06	8.21E-01	1.00E+00	-0.13	7.94E-01	9.74E-01
AL390039.1	NA	NA	NA	-0.21	7.94E-01	9.74E-01
CNRIP1	0.39	3.71E-01	1.00E+00	0.12	7.95E-01	9.74E-01
NFIB	0.15	6.41E-01	1.00E+00	-0.09	7.95E-01	9.74E-01
CD5	-0.53	2.69E-01	1.00E+00	0.82	7.95E-01	9.74E-01
TCTN3	0.00	9.89E-01	1.00E+00	-0.05	7.95E-01	9.74E-01
ATP6V1E2	-0.14	5.83E-01	1.00E+00	-0.09	7.95E-01	9.74E-01
LGR5	0.88	5.23E-01	1.00E+00	-0.75	7.95E-01	9.74E-01
FBXW7	-0.14	6.74E-01	1.00E+00	0.11	7.95E-01	9.74E-01
PRPF3	-0.08	7.20E-01	1.00E+00	0.06	7.95E-01	9.74E-01
SLC22A4	0.56	4.63E-01	1.00E+00	0.13	7.95E-01	9.74E-01
MIEF2	0.13	5.60E-01	1.00E+00	0.09	7.95E-01	9.74E-01
AC121338.2	0.26	6.56E-01	1.00E+00	-0.20	7.95E-01	9.74E-01
ZNF501	0.19	5.64E-01	1.00E+00	0.11	7.95E-01	9.74E-01

AC068473.5	0.24	2.84E-01	1.00E+00	-0.09	7.95E-01	9.74E-01
SORD	0.16	7.58E-01	1.00E+00	-0.10	7.95E-01	9.74E-01
AL592295.3	-2.92	1.10E-01	1.00E+00	-0.30	7.95E-01	9.74E-01
RPL18AP7	-0.10	9.59E-01	1.00E+00	0.24	7.95E-01	9.74E-01
AC007041.1	-2.96	3.82E-01	1.00E+00	-0.17	7.95E-01	9.74E-01
IFNAR2	0.57	6.10E-01	1.00E+00	0.14	7.95E-01	9.74E-01
AC112715.1	0.05	9.88E-01	1.00E+00	0.30	7.95E-01	9.74E-01
IPO13	-0.16	3.74E-01	1.00E+00	0.14	7.95E-01	9.74E-01
AC093726.2	-2.09	3.26E-01	1.00E+00	0.37	7.95E-01	9.74E-01
XLOC_011448	-0.84	5.90E-01	1.00E+00	-0.16	7.95E-01	9.74E-01
ZNF500	-0.30	2.30E-01	1.00E+00	0.12	7.96E-01	9.75E-01
ZNF223	1.20	2.05E-01	1.00E+00	-0.16	7.96E-01	9.75E-01
EXTL3-AS1	3.02	1.68E-01	1.00E+00	0.35	7.96E-01	9.75E-01
AC024995.1	NA	NA	NA	-0.23	7.96E-01	9.75E-01
ACTG2	-0.45	5.06E-01	1.00E+00	0.12	7.96E-01	9.75E-01
GOLGA8N	0.52	6.16E-01	1.00E+00	0.25	7.96E-01	9.75E-01
RNF212	0.07	8.52E-01	1.00E+00	-0.12	7.96E-01	9.75E-01
SPAG8	-0.83	4.12E-01	1.00E+00	-0.22	7.96E-01	9.75E-01
ANKRD22	0.29	4.84E-01	1.00E+00	-0.16	7.96E-01	9.75E-01
AC073343.1	-0.79	4.92E-01	1.00E+00	0.35	7.96E-01	9.75E-01
AC244154.1	-0.24	6.91E-01	1.00E+00	0.16	7.96E-01	9.75E-01
GLP1R	-0.63	4.89E-01	1.00E+00	0.33	7.96E-01	9.75E-01
CPXM2	-0.09	8.36E-01	1.00E+00	0.10	7.96E-01	9.75E-01
HEXDC-IT1	0.02	9.90E-01	1.00E+00	0.32	7.96E-01	9.75E-01
TMEM9B-AS1	-0.21	6.91E-01	1.00E+00	-0.18	7.96E-01	9.75E-01
CD1B	-0.47	5.64E-01	1.00E+00	-0.22	7.97E-01	9.75E-01
TMPRSS9	-0.26	7.28E-01	1.00E+00	0.30	7.97E-01	9.75E-01
TCF7L1	0.16	7.24E-01	1.00E+00	0.12	7.97E-01	9.75E-01
HNRNPKP1	-1.10	7.53E-01	1.00E+00	0.23	7.97E-01	9.75E-01
SF3A1	-0.22	2.88E-01	1.00E+00	0.07	7.97E-01	9.75E-01
G4402	-0.01	9.92E-01	1.00E+00	-0.27	7.97E-01	9.75E-01
SCYL2	0.00	9.96E-01	1.00E+00	0.04	7.97E-01	9.75E-01

AC079322.1	0.08	9.69E-01	1.00E+00	-0.37	7.97E-01	9.75E-01
AC013652.1	-0.53	4.47E-01	1.00E+00	-0.16	7.97E-01	9.75E-01
CDS1	0.37	2.74E-01	1.00E+00	-0.10	7.97E-01	9.75E-01
TRIM32	0.14	4.58E-01	1.00E+00	-0.06	7.97E-01	9.75E-01
LTA4H	0.17	5.36E-01	1.00E+00	0.06	7.97E-01	9.75E-01
AC011773.3	1.34	6.98E-01	1.00E+00	-0.31	7.97E-01	9.75E-01
MUM1L1	-2.22	8.29E-02	1.00E+00	0.31	7.97E-01	9.75E-01
AC245452.1	-0.60	2.41E-01	1.00E+00	0.14	7.97E-01	9.75E-01
AL031587.3	-0.40	7.90E-01	1.00E+00	-0.28	7.98E-01	9.75E-01
LPAR5	-0.38	2.27E-01	1.00E+00	0.10	7.98E-01	9.75E-01
GRAMD2B	0.14	6.55E-01	1.00E+00	-0.07	7.98E-01	9.75E-01
AC093909.6	0.26	6.00E-01	1.00E+00	-0.11	7.98E-01	9.75E-01
AC021483.2	1.31	5.67E-01	1.00E+00	0.40	7.98E-01	9.75E-01
IER2	-1.13	5.44E-02	1.00E+00	-0.11	7.98E-01	9.75E-01
ZNF696	-0.03	8.99E-01	1.00E+00	-0.11	7.98E-01	9.75E-01
AJUBA	-0.04	8.93E-01	1.00E+00	-0.10	7.98E-01	9.75E-01
CACNG8	-4.29	3.18E-05	8.82E-03	-0.29	7.98E-01	9.75E-01
NEGR1	0.34	4.35E-01	1.00E+00	0.14	7.98E-01	9.75E-01
CNOT6LP1	-0.04	9.57E-01	1.00E+00	0.16	7.98E-01	9.75E-01
GALC	0.23	3.53E-01	1.00E+00	-0.06	7.98E-01	9.75E-01
ARL4AP5	-0.08	9.82E-01	1.00E+00	-0.19	7.98E-01	9.75E-01
AURKAIP1	-0.20	3.59E-01	1.00E+00	-0.05	7.98E-01	9.75E-01
SNHG17	0.44	6.12E-02	1.00E+00	-0.09	7.98E-01	9.75E-01
XLOC_012664	NA	NA	NA	-0.49	7.98E-01	9.75E-01
BANF1	-0.11	5.62E-01	1.00E+00	0.04	7.98E-01	9.75E-01
PLS1	-0.37	3.21E-01	1.00E+00	-0.13	7.98E-01	9.75E-01
ADPRHL1	-0.41	2.27E-01	1.00E+00	-0.08	7.98E-01	9.75E-01
TOR3A	-0.06	7.15E-01	1.00E+00	0.07	7.98E-01	9.75E-01
FLJ13224	-0.13	9.48E-01	1.00E+00	-0.28	7.98E-01	9.75E-01
USP53	0.51	4.47E-02	1.00E+00	-0.06	7.98E-01	9.75E-01
AQP6	-0.30	8.57E-01	1.00E+00	-0.42	7.98E-01	9.75E-01
FTLP3	-0.64	5.84E-01	1.00E+00	-0.19	7.98E-01	9.75E-01

NFIX	-0.34	1.56E-01	1.00E+00	-0.15	7.98E-01	9.75E-01
HMGCLL1	0.41	5.95E-01	1.00E+00	0.26	7.98E-01	9.75E-01
EIF4A2	0.57	3.70E-02	1.00E+00	0.07	7.99E-01	9.75E-01
RIPPLY3	-1.01	3.86E-01	1.00E+00	-0.29	7.99E-01	9.75E-01
CCDC68	0.71	2.22E-01	1.00E+00	-0.50	7.99E-01	9.75E-01
EPB41L4A	-0.15	4.69E-01	1.00E+00	-0.06	7.99E-01	9.75E-01
FAM25C	0.66	4.23E-01	1.00E+00	-0.20	7.99E-01	9.75E-01
RPS4XP3	-1.71	6.18E-01	1.00E+00	-0.20	7.99E-01	9.75E-01
MLYCD	0.31	2.28E-01	1.00E+00	-0.17	7.99E-01	9.75E-01
CD40	-0.20	4.53E-01	1.00E+00	-0.08	7.99E-01	9.75E-01
APC	-0.23	2.44E-01	1.00E+00	0.07	7.99E-01	9.75E-01
HDGFL2	-0.12	5.32E-01	1.00E+00	0.23	7.99E-01	9.75E-01
OR7E108P	0.28	7.43E-01	1.00E+00	-0.26	7.99E-01	9.75E-01
AL096828.3	0.40	8.34E-01	1.00E+00	0.30	7.99E-01	9.75E-01
EN1	-0.24	5.60E-01	1.00E+00	-0.12	7.99E-01	9.75E-01
CTSV	0.28	6.74E-01	1.00E+00	-0.17	7.99E-01	9.75E-01
CKS2	0.32	3.38E-01	1.00E+00	-0.11	7.99E-01	9.75E-01
LINC00863	-0.26	5.27E-01	1.00E+00	-0.07	7.99E-01	9.75E-01
VTCN1	0.42	6.38E-01	1.00E+00	-0.22	7.99E-01	9.75E-01
DLX5	-0.07	8.77E-01	1.00E+00	0.12	7.99E-01	9.75E-01
STAG3L3	-0.04	9.08E-01	1.00E+00	0.08	7.99E-01	9.75E-01
TLL2	-1.93	1.07E-02	6.39E-01	0.23	7.99E-01	9.75E-01
KLHDC3	0.14	5.46E-01	1.00E+00	0.04	7.99E-01	9.75E-01
RPS23	-0.91	5.48E-02	1.00E+00	0.10	7.99E-01	9.75E-01
DNM1P46	1.58	3.20E-01	1.00E+00	-0.25	7.99E-01	9.75E-01
DACT3	-0.40	3.75E-01	1.00E+00	0.23	7.99E-01	9.75E-01
AC136424.1	1.51	6.62E-01	1.00E+00	-0.82	8.00E-01	9.75E-01
CIAO1	0.16	3.89E-01	1.00E+00	0.04	8.00E-01	9.75E-01
SPACA4	-1.14	1.60E-01	1.00E+00	0.29	8.00E-01	9.75E-01
WDR25	-0.13	6.10E-01	1.00E+00	-0.05	8.00E-01	9.75E-01
AC093388.1	0.59	4.38E-01	1.00E+00	-0.16	8.00E-01	9.75E-01
PTCSC2	-0.72	8.34E-01	1.00E+00	0.41	8.00E-01	9.75E-01

HRASLS2	-3.28	1.10E-01	1.00E+00	-0.76	8.00E-01	9.75E-01
BAIAP3	-0.38	3.27E-01	1.00E+00	-0.15	8.00E-01	9.75E-01
AL109741.1	0.00	9.97E-01	1.00E+00	-0.21	8.00E-01	9.75E-01
AC245041.1	-0.19	7.81E-01	1.00E+00	0.15	8.00E-01	9.75E-01
PSMA6P2	NA	NA	NA	0.17	8.00E-01	9.75E-01
WBP1	0.06	8.49E-01	1.00E+00	-0.09	8.00E-01	9.75E-01
AC022568.1	-1.40	6.04E-01	1.00E+00	-0.41	8.00E-01	9.75E-01
AC069528.2	-0.44	7.99E-01	1.00E+00	-0.22	8.00E-01	9.75E-01
GLI2	-0.88	6.29E-02	1.00E+00	-0.16	8.00E-01	9.75E-01
MIR17HG	0.27	8.86E-01	1.00E+00	0.33	8.00E-01	9.75E-01
UFSP1	0.14	7.58E-01	1.00E+00	0.07	8.00E-01	9.75E-01
NCBP1	0.01	9.58E-01	1.00E+00	-0.05	8.00E-01	9.75E-01
KLHL15	0.09	7.79E-01	1.00E+00	-0.11	8.00E-01	9.75E-01
PTGFR	0.77	1.64E-01	1.00E+00	0.11	8.00E-01	9.75E-01
SLC25A5-AS1	0.97	8.46E-02	1.00E+00	0.14	8.00E-01	9.75E-01
KLF10	-0.49	2.90E-01	1.00E+00	0.07	8.01E-01	9.75E-01
ABCD4	0.06	8.34E-01	1.00E+00	0.08	8.01E-01	9.75E-01
LINC01659	1.10	1.39E-01	1.00E+00	-0.26	8.01E-01	9.75E-01
PPP4R1L	-0.04	9.34E-01	1.00E+00	-0.10	8.01E-01	9.75E-01
RTKN	-0.26	4.24E-01	1.00E+00	0.09	8.01E-01	9.75E-01
SPATA32	-1.61	5.83E-01	1.00E+00	-0.28	8.01E-01	9.75E-01
TRPM2-AS	0.59	8.39E-01	1.00E+00	0.28	8.01E-01	9.75E-01
AL390957.1	-0.26	8.02E-01	1.00E+00	0.20	8.01E-01	9.75E-01
TRAPPC8	0.31	2.36E-01	1.00E+00	-0.06	8.01E-01	9.75E-01
AC114737.1	1.13	7.44E-01	1.00E+00	0.35	8.01E-01	9.75E-01
SEC23IP	0.31	1.35E-01	1.00E+00	0.03	8.01E-01	9.75E-01
CANX	0.06	7.82E-01	1.00E+00	-0.05	8.01E-01	9.75E-01
EFCAB6	-0.42	4.44E-01	1.00E+00	-0.14	8.01E-01	9.75E-01
RPSAP12	0.22	7.01E-01	1.00E+00	-0.10	8.01E-01	9.75E-01
GMEB2	-0.04	8.69E-01	1.00E+00	0.13	8.01E-01	9.75E-01
VSIG10	0.00	9.86E-01	1.00E+00	0.07	8.01E-01	9.75E-01
MAP7	-0.30	3.76E-01	1.00E+00	0.09	8.01E-01	9.75E-01

AC090181.3	-0.56	8.73E-01	1.00E+00	0.34	8.01E-01	9.75E-01
AFM	-1.73	3.68E-01	1.00E+00	-0.32	8.01E-01	9.75E-01
EML2	-0.01	9.51E-01	1.00E+00	-0.11	8.01E-01	9.75E-01
RNASEH1	0.15	4.57E-01	1.00E+00	0.07	8.01E-01	9.75E-01
SAC3D1	0.00	9.98E-01	1.00E+00	-0.19	8.01E-01	9.75E-01
IQSEC3	1.73	1.05E-01	1.00E+00	-0.24	8.01E-01	9.75E-01
GPR155	-0.07	7.98E-01	1.00E+00	-0.07	8.02E-01	9.75E-01
MARK1	0.05	8.99E-01	1.00E+00	0.12	8.02E-01	9.75E-01
OXT	0.21	8.38E-01	1.00E+00	-0.21	8.02E-01	9.75E-01
RIC8A	-0.10	5.15E-01	1.00E+00	0.04	8.02E-01	9.75E-01
SERPIND1	-1.63	3.41E-01	1.00E+00	0.71	8.02E-01	9.75E-01
RAB6C-AS1	-0.22	9.36E-01	1.00E+00	0.29	8.02E-01	9.75E-01
CTNNA3	0.15	8.01E-01	1.00E+00	-0.20	8.02E-01	9.75E-01
C1GALT1C1L	0.37	5.72E-01	1.00E+00	-0.14	8.02E-01	9.75E-01
JAG1	-0.29	9.79E-02	1.00E+00	0.09	8.02E-01	9.75E-01
AC106872.5	3.02	8.84E-02	1.00E+00	0.27	8.02E-01	9.75E-01
AC124067.2	-1.58	6.63E-02	1.00E+00	-0.14	8.02E-01	9.75E-01
MPST	0.09	7.72E-01	1.00E+00	-0.05	8.02E-01	9.75E-01
AIF1L	0.19	6.39E-01	1.00E+00	-0.09	8.02E-01	9.75E-01
ADRM1	-0.23	3.45E-01	1.00E+00	0.09	8.02E-01	9.75E-01
CDH7	-0.88	5.00E-01	1.00E+00	0.36	8.02E-01	9.75E-01
ZFYVE19	0.13	4.97E-01	1.00E+00	0.05	8.02E-01	9.75E-01
LRRC8E	-0.74	3.33E-01	1.00E+00	0.15	8.02E-01	9.75E-01
XLOC_004631	0.10	8.57E-01	1.00E+00	-0.15	8.02E-01	9.75E-01
RPL10AP6	-0.64	2.68E-01	1.00E+00	0.19	8.02E-01	9.75E-01
GIPC3	-0.33	5.30E-01	1.00E+00	0.21	8.02E-01	9.75E-01
KLHL4	0.02	9.82E-01	1.00E+00	-0.50	8.02E-01	9.75E-01
DFFA	-0.22	2.81E-01	1.00E+00	0.04	8.02E-01	9.75E-01
CAMK1D	0.01	9.84E-01	1.00E+00	0.08	8.02E-01	9.75E-01
RBM4	-0.61	9.51E-03	6.06E-01	0.09	8.02E-01	9.75E-01
C16orf70	-0.15	6.43E-01	1.00E+00	0.11	8.02E-01	9.75E-01
AC020904.2	-0.45	6.94E-01	1.00E+00	0.08	8.02E-01	9.75E-01

RPL19P21	NA	NA	NA	0.44	8.02E-01	9.75E-01
CSE1L-AS1	-0.05	9.88E-01	1.00E+00	0.39	8.02E-01	9.75E-01
ANKRD28	0.10	5.63E-01	1.00E+00	0.06	8.02E-01	9.75E-01
COASY	-0.15	4.41E-01	1.00E+00	0.06	8.03E-01	9.75E-01
TM4SF1	0.24	6.25E-01	1.00E+00	0.08	8.03E-01	9.75E-01
RPL39P3	-0.28	5.42E-01	1.00E+00	0.13	8.03E-01	9.75E-01
C8orf48	-0.12	7.02E-01	1.00E+00	-0.12	8.03E-01	9.75E-01
LINC02541	0.03	9.38E-01	1.00E+00	0.13	8.03E-01	9.75E-01
LMX1A	-0.05	9.54E-01	1.00E+00	-0.28	8.03E-01	9.75E-01
TUSC8	-0.66	5.90E-01	1.00E+00	-0.24	8.03E-01	9.75E-01
STK11IP	-0.04	8.88E-01	1.00E+00	0.14	8.03E-01	9.75E-01
ATP7B	0.27	5.75E-01	1.00E+00	0.18	8.03E-01	9.75E-01
SLC24A3	0.00	9.95E-01	1.00E+00	0.12	8.03E-01	9.75E-01
ABTB2	-0.14	5.97E-01	1.00E+00	0.13	8.03E-01	9.75E-01
WDR19	0.06	8.31E-01	1.00E+00	0.07	8.03E-01	9.75E-01
PA2G4	-0.14	5.36E-01	1.00E+00	-0.04	8.03E-01	9.75E-01
RHBDL1	-0.50	2.68E-01	1.00E+00	0.14	8.03E-01	9.75E-01
FAM27E3	-0.61	7.71E-01	1.00E+00	0.30	8.03E-01	9.75E-01
AL024507.2	-0.05	9.53E-01	1.00E+00	0.23	8.03E-01	9.75E-01
CLEC18B	-0.65	6.29E-01	1.00E+00	0.39	8.03E-01	9.75E-01
LINC01794	-0.19	9.04E-01	1.00E+00	0.31	8.03E-01	9.75E-01
HAP1	-1.11	1.15E-01	1.00E+00	0.29	8.03E-01	9.75E-01
MPV17L2	-0.30	1.80E-01	1.00E+00	-0.05	8.03E-01	9.75E-01
AC104447.1	-0.61	3.27E-01	1.00E+00	0.23	8.03E-01	9.75E-01
LSP1	-0.37	2.11E-01	1.00E+00	0.08	8.03E-01	9.75E-01
NUAK2	-1.20	1.42E-01	1.00E+00	-0.13	8.03E-01	9.75E-01
PSAPL1	0.01	9.90E-01	1.00E+00	-0.19	8.03E-01	9.75E-01
CEP128	-0.40	1.49E-01	1.00E+00	-0.11	8.03E-01	9.75E-01
BX323845.3	NA	NA	NA	-0.21	8.03E-01	9.75E-01
FBXO24	1.14	5.45E-01	1.00E+00	0.25	8.03E-01	9.75E-01
SPDYE16	0.23	8.90E-01	1.00E+00	0.22	8.03E-01	9.75E-01
FAM76B	0.01	9.73E-01	1.00E+00	-0.06	8.03E-01	9.75E-01

MAGOH3P	NA	NA	NA	-0.19	8.03E-01	9.75E-01
LINC00857	0.23	8.08E-01	1.00E+00	-0.26	8.03E-01	9.75E-01
MLANA	0.27	5.34E-01	1.00E+00	0.20	8.03E-01	9.75E-01
AC009948.4	-3.15	2.81E-01	1.00E+00	0.18	8.03E-01	9.75E-01
CDCA2	-0.19	6.08E-01	1.00E+00	0.16	8.03E-01	9.75E-01
TPRG1	0.30	4.38E-01	1.00E+00	-0.11	8.04E-01	9.75E-01
PCAT19	0.13	8.10E-01	1.00E+00	-0.13	8.04E-01	9.75E-01
TUT1	0.36	2.85E-01	1.00E+00	0.09	8.04E-01	9.75E-01
G1997	-2.00	7.78E-02	1.00E+00	0.29	8.04E-01	9.75E-01
PFKFB2	0.04	9.07E-01	1.00E+00	0.07	8.04E-01	9.75E-01
JAGN1	0.10	5.25E-01	1.00E+00	-0.06	8.04E-01	9.75E-01
SLC45A1	-0.52	2.48E-01	1.00E+00	0.18	8.04E-01	9.75E-01
AL731571.1	-0.09	8.86E-01	1.00E+00	0.15	8.04E-01	9.75E-01
HCN2	-1.05	5.90E-03	4.57E-01	0.74	8.04E-01	9.75E-01
AC000089.1	0.16	8.85E-01	1.00E+00	0.21	8.04E-01	9.75E-01
DCSTAMP	-0.86	8.05E-01	1.00E+00	0.79	8.04E-01	9.75E-01
UBE2S	-0.20	4.66E-01	1.00E+00	0.23	8.04E-01	9.75E-01
TMC2	1.40	2.34E-01	1.00E+00	0.31	8.04E-01	9.75E-01
AL353791.1	1.49	7.33E-02	1.00E+00	-0.18	8.04E-01	9.75E-01
ITPRIPL2	0.13	6.25E-01	1.00E+00	-0.11	8.04E-01	9.75E-01
AC007066.2	0.24	6.79E-01	1.00E+00	0.28	8.04E-01	9.75E-01
HELLS	0.15	5.74E-01	1.00E+00	-0.13	8.04E-01	9.75E-01
SPERT	-2.84	2.63E-02	9.46E-01	0.31	8.04E-01	9.75E-01
PROSER2	-0.09	7.53E-01	1.00E+00	-0.18	8.04E-01	9.75E-01
TOLLIP	-0.12	6.63E-01	1.00E+00	0.04	8.04E-01	9.75E-01
SH2D7	-1.23	4.35E-01	1.00E+00	0.33	8.04E-01	9.75E-01
TBCD	-0.12	5.49E-01	1.00E+00	0.09	8.04E-01	9.75E-01
SHBG	-0.65	6.42E-01	1.00E+00	-0.27	8.04E-01	9.75E-01
AL022718.1	NA	NA	NA	0.19	8.04E-01	9.75E-01
UPF1	0.01	9.46E-01	1.00E+00	0.17	8.04E-01	9.75E-01
SLC25A35	-0.26	5.69E-01	1.00E+00	0.12	8.04E-01	9.75E-01
MFSD2A	-0.23	6.86E-01	1.00E+00	-0.16	8.04E-01	9.75E-01

AL445228.2	-2.36	1.33E-01	1.00E+00	-0.24	8.04E-01	9.75E-01
AC005632.2	-0.80	7.51E-01	1.00E+00	0.26	8.05E-01	9.75E-01
CIAO2A	0.24	3.58E-01	1.00E+00	-0.08	8.05E-01	9.75E-01
EMILIN1	0.01	9.77E-01	1.00E+00	0.77	8.05E-01	9.75E-01
SPTSSB	0.23	5.73E-01	1.00E+00	-0.16	8.05E-01	9.75E-01
SLC4A1APP1	-0.16	9.39E-01	1.00E+00	-0.16	8.05E-01	9.75E-01
HMG20A	0.04	8.13E-01	1.00E+00	0.05	8.05E-01	9.75E-01
ARHGEF38	-0.69	4.79E-01	1.00E+00	0.17	8.05E-01	9.75E-01
DHX36	0.18	2.59E-01	1.00E+00	-0.08	8.05E-01	9.75E-01
KIF12	-0.58	4.19E-01	1.00E+00	-0.18	8.05E-01	9.75E-01
POC1A	-0.06	8.00E-01	1.00E+00	0.09	8.05E-01	9.75E-01
HOOK1	0.17	6.64E-01	1.00E+00	-0.12	8.05E-01	9.75E-01
EIF4A1P7	0.25	9.42E-01	1.00E+00	0.22	8.05E-01	9.75E-01
AC233723.2	-0.44	2.30E-01	1.00E+00	-0.14	8.05E-01	9.75E-01
RPL34	-0.01	9.62E-01	1.00E+00	0.11	8.05E-01	9.75E-01
UBAP1L	0.28	7.20E-01	1.00E+00	-0.26	8.05E-01	9.75E-01
GNA14	0.13	7.28E-01	1.00E+00	-0.13	8.05E-01	9.75E-01
BX322639.1	-1.00	2.11E-01	1.00E+00	0.18	8.05E-01	9.75E-01
MAST4	-0.02	9.39E-01	1.00E+00	0.08	8.05E-01	9.75E-01
AC008897.2	-3.53	8.92E-02	1.00E+00	0.27	8.05E-01	9.75E-01
AC093159.1	-2.44	8.84E-02	1.00E+00	0.28	8.05E-01	9.75E-01
ABCA12	0.05	9.27E-01	1.00E+00	0.18	8.06E-01	9.75E-01
LARP6	0.47	3.22E-01	1.00E+00	-0.16	8.06E-01	9.75E-01
CD3EAP	-0.22	5.29E-01	1.00E+00	-0.08	8.06E-01	9.75E-01
HNRNPA1P4	1.22	2.30E-01	1.00E+00	-0.10	8.06E-01	9.75E-01
CHRD1	1.57	3.24E-02	1.00E+00	0.17	8.06E-01	9.75E-01
AL645568.1	-0.16	7.99E-01	1.00E+00	0.14	8.06E-01	9.75E-01
KRTAP9-9	-6.43	6.45E-02	1.00E+00	-0.79	8.06E-01	9.75E-01
MYCN	-0.59	4.23E-01	1.00E+00	-0.21	8.06E-01	9.75E-01
G3878	0.28	8.43E-01	1.00E+00	0.48	8.06E-01	9.75E-01
ABI1	-0.04	8.81E-01	1.00E+00	-0.06	8.06E-01	9.75E-01
LINC02068	-0.62	6.94E-01	1.00E+00	0.25	8.06E-01	9.75E-01

AC138028.2	-0.52	5.77E-01	1.00E+00	-0.36	8.06E-01	9.75E-01
KIR3DL2	-0.29	8.97E-01	1.00E+00	0.38	8.06E-01	9.75E-01
AL356423.1	NA	NA	NA	0.37	8.06E-01	9.75E-01
PGK1	0.00	9.80E-01	1.00E+00	0.04	8.06E-01	9.75E-01
AC099522.1	0.56	8.71E-01	1.00E+00	-0.20	8.06E-01	9.75E-01
MYO19	-0.06	7.28E-01	1.00E+00	0.08	8.06E-01	9.75E-01
AC010491.1	-0.21	7.78E-01	1.00E+00	-0.21	8.06E-01	9.75E-01
PNMA1	0.12	7.40E-01	1.00E+00	0.11	8.06E-01	9.75E-01
ZMYM4-AS1	NA	NA	NA	-0.32	8.06E-01	9.75E-01
CCDC163	-0.10	8.71E-01	1.00E+00	-0.14	8.06E-01	9.75E-01
AC022509.2	0.61	4.28E-01	1.00E+00	-0.14	8.06E-01	9.75E-01
ZC3H12B	-0.28	6.79E-01	1.00E+00	0.16	8.06E-01	9.75E-01
YES1	-0.04	8.58E-01	1.00E+00	-0.05	8.06E-01	9.75E-01
GPR180	0.12	7.42E-01	1.00E+00	-0.09	8.06E-01	9.75E-01
RPLP2	-0.10	6.66E-01	1.00E+00	0.05	8.06E-01	9.75E-01
LINC01638	4.65	1.37E-01	1.00E+00	-0.30	8.07E-01	9.75E-01
CLUAP1	0.14	5.34E-01	1.00E+00	-0.06	8.07E-01	9.75E-01
GGN	0.03	9.64E-01	1.00E+00	0.26	8.07E-01	9.75E-01
FBXL19-AS1	0.63	1.66E-01	1.00E+00	0.19	8.07E-01	9.75E-01
ALKBH1	-0.02	9.21E-01	1.00E+00	0.06	8.07E-01	9.75E-01
ATP6V0A2	0.26	4.72E-01	1.00E+00	-0.10	8.07E-01	9.75E-01
WDR3	-0.05	8.48E-01	1.00E+00	0.08	8.07E-01	9.75E-01
XLOC_001527	-1.06	1.97E-01	1.00E+00	-0.29	8.07E-01	9.75E-01
FKBP5	0.22	6.98E-01	1.00E+00	-0.11	8.07E-01	9.75E-01
DCPS	-0.23	2.53E-01	1.00E+00	-0.05	8.07E-01	9.75E-01
SMAD6	0.78	6.08E-02	1.00E+00	-0.77	8.07E-01	9.75E-01
XLOC_009920	0.14	9.67E-01	1.00E+00	0.35	8.07E-01	9.75E-01
JPH1	-0.13	7.66E-01	1.00E+00	-0.17	8.07E-01	9.75E-01
AP4M1	0.16	5.20E-01	1.00E+00	-0.05	8.07E-01	9.75E-01
GORASP1	0.12	5.47E-01	1.00E+00	-0.04	8.07E-01	9.75E-01
IFI27L2	-0.16	6.45E-01	1.00E+00	0.07	8.07E-01	9.75E-01
PIK3R4	-0.07	7.40E-01	1.00E+00	-0.06	8.07E-01	9.75E-01

SLC16A2	0.11	8.01E-01	1.00E+00	0.14	8.07E-01	9.75E-01
AP000692.1	1.98	1.80E-01	1.00E+00	0.25	8.07E-01	9.75E-01
KCNK9	-1.95	2.38E-01	1.00E+00	0.40	8.07E-01	9.75E-01
NDE1	-0.31	2.40E-01	1.00E+00	-0.09	8.07E-01	9.75E-01
AC093890.1	1.05	1.02E-01	1.00E+00	-0.23	8.07E-01	9.75E-01
AC138305.3	-0.49	8.39E-01	1.00E+00	-0.18	8.07E-01	9.75E-01
MYORG	0.15	6.41E-01	1.00E+00	0.12	8.08E-01	9.75E-01
DROSHA	0.24	2.30E-01	1.00E+00	0.06	8.08E-01	9.75E-01
FAM126A	0.03	9.19E-01	1.00E+00	-0.08	8.08E-01	9.75E-01
OSER1	0.12	5.45E-01	1.00E+00	-0.07	8.08E-01	9.75E-01
KRT33B	-17.78	6.49E-08	2.73E-05	0.77	8.08E-01	9.75E-01
MYCBP2-AS1	-2.15	4.21E-01	1.00E+00	-0.18	8.08E-01	9.75E-01
PRSS16	-0.12	7.19E-01	1.00E+00	-0.14	8.08E-01	9.75E-01
TSPAN1	0.08	8.58E-01	1.00E+00	0.10	8.08E-01	9.75E-01
PHACTR2	0.11	7.29E-01	1.00E+00	0.06	8.08E-01	9.75E-01
CPB2-AS1	0.47	6.24E-01	1.00E+00	0.20	8.08E-01	9.75E-01
AC005865.2	-1.02	4.83E-01	1.00E+00	0.21	8.08E-01	9.75E-01
PRXL2C	0.01	9.81E-01	1.00E+00	0.07	8.08E-01	9.75E-01
KIAA0753	0.00	9.88E-01	1.00E+00	-0.15	8.08E-01	9.75E-01
RAP1GAP	-0.55	3.10E-01	1.00E+00	-0.17	8.08E-01	9.75E-01
AC048380.2	3.26	1.85E-01	1.00E+00	-0.35	8.08E-01	9.75E-01
TMEM9	0.15	5.13E-01	1.00E+00	0.05	8.09E-01	9.76E-01
AC106865.1	0.04	9.77E-01	1.00E+00	0.77	8.09E-01	9.76E-01
OGT	0.06	9.02E-01	1.00E+00	-0.07	8.09E-01	9.76E-01
NBPF2P	-0.28	7.30E-01	1.00E+00	-0.12	8.09E-01	9.76E-01
WDR75	0.14	6.13E-01	1.00E+00	0.06	8.09E-01	9.76E-01
AP000880.1	-2.33	2.13E-01	1.00E+00	-0.25	8.09E-01	9.76E-01
WVOX	0.16	4.60E-01	1.00E+00	0.05	8.09E-01	9.76E-01
PHKG1	-0.18	6.99E-01	1.00E+00	0.13	8.09E-01	9.76E-01
EXOC6B	-0.06	8.44E-01	1.00E+00	-0.07	8.09E-01	9.76E-01
RMC1	0.13	5.38E-01	1.00E+00	-0.05	8.09E-01	9.76E-01
TMEM208	0.14	4.49E-01	1.00E+00	0.05	8.09E-01	9.76E-01

ALS2	-0.01	9.75E-01	1.00E+00	0.05	8.09E-01	9.76E-01
ZNF18	-0.15	5.28E-01	1.00E+00	-0.05	8.09E-01	9.76E-01
RPS3AP6	-0.22	5.73E-01	1.00E+00	-0.13	8.09E-01	9.76E-01
AP1M1	0.05	8.40E-01	1.00E+00	-0.05	8.09E-01	9.76E-01
LRP8	-0.99	2.15E-03	2.39E-01	-0.19	8.09E-01	9.76E-01
AC146944.2	-1.63	3.96E-01	1.00E+00	0.30	8.09E-01	9.76E-01
TMEM223	0.04	8.61E-01	1.00E+00	-0.07	8.09E-01	9.76E-01
AP002383.3	-0.74	7.30E-01	1.00E+00	-0.26	8.09E-01	9.76E-01
XLOC_011210	-1.06	7.00E-01	1.00E+00	-0.41	8.09E-01	9.76E-01
LINC00323	0.49	6.60E-01	1.00E+00	0.23	8.09E-01	9.76E-01
KIN	0.28	4.21E-01	1.00E+00	0.05	8.10E-01	9.76E-01
C2CD2	0.61	2.17E-02	8.94E-01	0.08	8.10E-01	9.76E-01
LPCAT4	0.18	5.03E-01	1.00E+00	0.09	8.10E-01	9.76E-01
ZNF362	-0.40	1.47E-01	1.00E+00	-0.18	8.10E-01	9.76E-01
DSTYK	0.28	2.66E-01	1.00E+00	0.07	8.10E-01	9.76E-01
SUSD2	-0.16	7.17E-01	1.00E+00	0.10	8.10E-01	9.76E-01
TBC1D30	0.18	7.84E-01	1.00E+00	0.20	8.10E-01	9.76E-01
PCDHGB1	-0.67	3.30E-01	1.00E+00	0.28	8.10E-01	9.76E-01
SNORA40	0.54	6.35E-01	1.00E+00	-0.20	8.10E-01	9.76E-01
AC011978.2	0.74	4.01E-01	1.00E+00	-0.15	8.10E-01	9.76E-01
AC008669.1	-0.25	5.90E-01	1.00E+00	-0.14	8.10E-01	9.76E-01
LGALS17A	-2.45	2.90E-01	1.00E+00	0.76	8.10E-01	9.76E-01
XLOC_013174	0.29	6.82E-01	1.00E+00	-0.17	8.10E-01	9.76E-01
ZNF121	0.10	8.02E-01	1.00E+00	-0.06	8.10E-01	9.76E-01
SPRED2	0.15	6.02E-01	1.00E+00	0.09	8.10E-01	9.76E-01
AL355102.4	0.56	8.71E-01	1.00E+00	0.34	8.10E-01	9.76E-01
SPIRE2	-0.04	9.45E-01	1.00E+00	-0.19	8.10E-01	9.76E-01
HAO2	0.96	6.15E-01	1.00E+00	-0.75	8.10E-01	9.76E-01
AC040174.2	-2.18	4.21E-01	1.00E+00	-0.29	8.11E-01	9.76E-01
AC044810.2	0.26	7.85E-01	1.00E+00	-0.17	8.11E-01	9.76E-01
SBF2	0.22	2.85E-01	1.00E+00	-0.10	8.11E-01	9.76E-01
DOCK6	0.05	8.60E-01	1.00E+00	0.12	8.11E-01	9.76E-01

AC090204.1	-0.15	8.88E-01	1.00E+00	0.18	8.11E-01	9.76E-01
POLR3E	-0.22	4.15E-01	1.00E+00	0.06	8.11E-01	9.76E-01
VPS13D	0.02	9.53E-01	1.00E+00	0.08	8.11E-01	9.76E-01
AL512770.1	-1.71	4.97E-01	1.00E+00	-0.25	8.11E-01	9.76E-01
POLR2E	-0.11	6.50E-01	1.00E+00	-0.05	8.11E-01	9.76E-01
AC104118.1	-0.71	6.76E-01	1.00E+00	0.76	8.11E-01	9.76E-01
SPATA2	-0.35	3.78E-02	1.00E+00	-0.08	8.11E-01	9.76E-01
AC079922.1	-1.28	4.96E-01	1.00E+00	0.24	8.11E-01	9.76E-01
NIPBL	-0.11	5.88E-01	1.00E+00	0.06	8.11E-01	9.76E-01
SFXN1	-0.21	3.79E-01	1.00E+00	0.05	8.11E-01	9.76E-01
ZBTB12	-0.61	8.84E-02	1.00E+00	0.76	8.11E-01	9.76E-01
CAPN2	0.00	9.94E-01	1.00E+00	0.10	8.11E-01	9.76E-01
EEF1B2P6	-0.81	3.08E-01	1.00E+00	0.15	8.11E-01	9.76E-01
RAE1	0.23	3.45E-01	1.00E+00	-0.07	8.11E-01	9.76E-01
AC093278.2	0.06	9.23E-01	1.00E+00	0.19	8.11E-01	9.76E-01
MCOLN3	0.53	1.90E-01	1.00E+00	0.12	8.11E-01	9.76E-01
AC069549.1	-0.97	7.73E-01	1.00E+00	0.22	8.11E-01	9.76E-01
KLF2	-0.76	2.90E-02	9.88E-01	0.18	8.11E-01	9.76E-01
ATOX1	-0.01	9.84E-01	1.00E+00	0.05	8.11E-01	9.76E-01
Z83851.1	0.22	7.39E-01	1.00E+00	-0.20	8.11E-01	9.76E-01
STAC2	0.23	8.36E-01	1.00E+00	-0.17	8.11E-01	9.76E-01
XLOC_006072	-0.27	8.25E-01	1.00E+00	0.31	8.11E-01	9.76E-01
TM9SF2	0.15	3.19E-01	1.00E+00	-0.05	8.11E-01	9.76E-01
LIPA	0.23	4.27E-01	1.00E+00	-0.12	8.11E-01	9.76E-01
PACRG	0.04	9.07E-01	1.00E+00	-0.12	8.12E-01	9.76E-01
TCF15	0.13	8.98E-01	1.00E+00	-0.27	8.12E-01	9.76E-01
ANOS1	-0.67	6.09E-02	1.00E+00	-0.11	8.12E-01	9.76E-01
FIRRE	-1.19	6.76E-01	1.00E+00	-0.31	8.12E-01	9.76E-01
AC004706.1	-0.87	3.09E-01	1.00E+00	-0.19	8.12E-01	9.76E-01
CA13	0.26	4.16E-01	1.00E+00	-0.10	8.12E-01	9.76E-01
AC008592.5	-0.45	4.20E-01	1.00E+00	-0.15	8.12E-01	9.76E-01
IDH3B	-0.15	4.33E-01	1.00E+00	-0.03	8.12E-01	9.76E-01

CDC25A	-0.31	4.04E-01	1.00E+00	0.21	8.12E-01	9.76E-01
HES4	-0.69	9.11E-03	5.95E-01	-0.74	8.12E-01	9.76E-01
CRSP8P	0.48	8.88E-01	1.00E+00	-0.14	8.12E-01	9.76E-01
XLOC_009026	-1.28	5.08E-01	1.00E+00	-0.74	8.12E-01	9.76E-01
HNMT	0.47	2.67E-01	1.00E+00	-0.10	8.12E-01	9.76E-01
AC096992.2	-0.20	7.64E-01	1.00E+00	0.18	8.12E-01	9.76E-01
LTK	-0.43	4.76E-01	1.00E+00	0.27	8.12E-01	9.76E-01
TULP1	0.11	9.04E-01	1.00E+00	0.15	8.12E-01	9.76E-01
RASL11B	0.32	5.11E-01	1.00E+00	-0.15	8.12E-01	9.76E-01
CCNT2	0.07	7.98E-01	1.00E+00	-0.06	8.12E-01	9.76E-01
BDH1	-0.49	1.82E-01	1.00E+00	0.08	8.13E-01	9.76E-01
AC005537.1	-0.74	3.48E-01	1.00E+00	0.18	8.13E-01	9.76E-01
TMEM179	-4.66	9.22E-05	2.32E-02	0.42	8.13E-01	9.76E-01
DNAJC24	0.02	9.58E-01	1.00E+00	-0.04	8.13E-01	9.76E-01
DCTN1	-0.15	5.03E-01	1.00E+00	0.10	8.13E-01	9.76E-01
AL359643.2	0.74	2.81E-01	1.00E+00	-0.22	8.13E-01	9.76E-01
B3GNT4	0.14	7.37E-01	1.00E+00	-0.14	8.13E-01	9.76E-01
ENPP2	0.49	1.59E-01	1.00E+00	-0.12	8.13E-01	9.76E-01
CXCL17	-0.04	9.68E-01	1.00E+00	-0.64	8.13E-01	9.76E-01
SURF2	-0.10	6.98E-01	1.00E+00	-0.07	8.13E-01	9.76E-01
AC005829.1	-0.62	4.90E-01	1.00E+00	0.16	8.13E-01	9.76E-01
BORCS6	-0.14	5.61E-01	1.00E+00	-0.05	8.13E-01	9.76E-01
AC116533.1	-0.22	5.69E-01	1.00E+00	-0.11	8.13E-01	9.76E-01
SNHG3	-0.32	3.44E-01	1.00E+00	-0.09	8.13E-01	9.76E-01
XLOC_011052	-2.22	5.19E-01	1.00E+00	-0.35	8.13E-01	9.76E-01
PRICKLE2	-0.14	7.76E-01	1.00E+00	-0.06	8.13E-01	9.76E-01
LRIG1	0.11	7.65E-01	1.00E+00	-0.12	8.13E-01	9.76E-01
OTUD3	0.12	7.38E-01	1.00E+00	-0.10	8.13E-01	9.76E-01
UQCRH	0.04	8.56E-01	1.00E+00	-0.04	8.13E-01	9.76E-01
VASH2	-0.13	8.44E-01	1.00E+00	0.15	8.13E-01	9.76E-01
MIR100HG	0.68	1.12E-01	1.00E+00	0.09	8.13E-01	9.76E-01
AL049872.1	-0.96	7.80E-01	1.00E+00	-0.16	8.14E-01	9.76E-01

AL121655.1	-1.03	6.75E-01	1.00E+00	0.19	8.14E-01	9.76E-01
RNF150	0.70	2.65E-01	1.00E+00	0.14	8.14E-01	9.76E-01
NAP1L5	0.04	9.24E-01	1.00E+00	-0.10	8.14E-01	9.76E-01
CLTCL1	0.27	4.01E-01	1.00E+00	0.13	8.14E-01	9.76E-01
PRKG2	0.81	2.35E-01	1.00E+00	0.14	8.14E-01	9.76E-01
COL4A2-AS2	NA	NA	NA	0.76	8.14E-01	9.76E-01
RARB	-0.22	7.10E-01	1.00E+00	-0.14	8.14E-01	9.76E-01
EBF2	0.71	2.80E-01	1.00E+00	0.14	8.14E-01	9.76E-01
OCA2	0.05	9.11E-01	1.00E+00	0.13	8.14E-01	9.76E-01
ZFC3H1	-0.28	3.03E-01	1.00E+00	0.07	8.14E-01	9.76E-01
ATF7	-0.08	6.74E-01	1.00E+00	-0.04	8.14E-01	9.76E-01
TRIM55	2.27	2.68E-01	1.00E+00	-0.26	8.14E-01	9.76E-01
GGACT	-0.21	5.23E-01	1.00E+00	0.08	8.14E-01	9.76E-01
EHD2	0.17	6.93E-01	1.00E+00	-0.12	8.14E-01	9.76E-01
S1PR1	0.29	5.76E-01	1.00E+00	-0.12	8.14E-01	9.76E-01
PPOX	-0.07	7.76E-01	1.00E+00	-0.06	8.14E-01	9.76E-01
CFDP1	0.38	1.05E-01	1.00E+00	-0.04	8.14E-01	9.76E-01
ZNF285	1.15	4.36E-02	1.00E+00	0.25	8.14E-01	9.76E-01
NME4	0.13	7.72E-01	1.00E+00	-0.08	8.14E-01	9.76E-01
TRMT1L	0.58	4.96E-02	1.00E+00	0.06	8.14E-01	9.76E-01
LY6G6D	-2.36	2.14E-01	1.00E+00	0.42	8.14E-01	9.76E-01
TRIM31	0.19	7.33E-01	1.00E+00	-0.14	8.15E-01	9.76E-01
SPEG	-0.43	5.18E-01	1.00E+00	-0.19	8.15E-01	9.76E-01
AL157392.3	0.34	4.40E-01	1.00E+00	-0.10	8.15E-01	9.76E-01
ASTN1	-1.38	5.22E-02	1.00E+00	-0.28	8.15E-01	9.76E-01
AL359922.3	3.04	2.19E-02	8.96E-01	-0.19	8.15E-01	9.76E-01
G36957	-0.45	8.13E-01	1.00E+00	0.50	8.15E-01	9.76E-01
KRT23	0.18	7.32E-01	1.00E+00	0.13	8.15E-01	9.76E-01
PXDC1	0.44	2.18E-01	1.00E+00	-0.12	8.15E-01	9.76E-01
AL139246.5	0.06	8.64E-01	1.00E+00	0.24	8.15E-01	9.76E-01
SEPSECS	0.39	1.08E-01	1.00E+00	-0.08	8.15E-01	9.76E-01
MTMR4	-0.04	8.61E-01	1.00E+00	-0.07	8.15E-01	9.76E-01

RNF168	0.09	7.19E-01	1.00E+00	-0.07	8.15E-01	9.76E-01
XLOC_008190	-1.07	4.79E-01	1.00E+00	-0.27	8.15E-01	9.76E-01
LRP4	0.20	5.38E-01	1.00E+00	-0.09	8.15E-01	9.76E-01
FAM13C	0.21	5.49E-01	1.00E+00	-0.09	8.15E-01	9.76E-01
AC022182.3	-2.19	5.21E-01	1.00E+00	0.19	8.15E-01	9.76E-01
CLCA4	0.19	7.52E-01	1.00E+00	-0.17	8.15E-01	9.76E-01
RBM15B	-0.27	2.56E-01	1.00E+00	0.10	8.15E-01	9.76E-01
KRTAP12-2	-30.00	1.37E-18	5.54E-15	-0.75	8.15E-01	9.76E-01
ZNF214	0.87	2.19E-01	1.00E+00	0.15	8.15E-01	9.76E-01
PIGM	0.28	3.05E-01	1.00E+00	0.06	8.15E-01	9.76E-01
TNFSF11	-3.81	1.46E-02	7.60E-01	-0.74	8.15E-01	9.76E-01
IFT80	-0.29	4.91E-01	1.00E+00	0.07	8.15E-01	9.76E-01
BOC	-0.25	4.89E-01	1.00E+00	-0.09	8.15E-01	9.76E-01
SHISA8	-1.64	2.89E-02	9.88E-01	0.33	8.15E-01	9.76E-01
LINC02301	-0.37	8.20E-01	1.00E+00	-0.28	8.15E-01	9.76E-01
THBS4	1.33	2.54E-01	1.00E+00	-0.18	8.15E-01	9.76E-01
SIRT2	-0.16	4.71E-01	1.00E+00	0.05	8.16E-01	9.76E-01
SNRNP200	-0.15	4.98E-01	1.00E+00	0.09	8.16E-01	9.76E-01
SETDB2	0.03	8.82E-01	1.00E+00	0.06	8.16E-01	9.77E-01
KMT5C	-0.43	1.40E-01	1.00E+00	0.18	8.16E-01	9.77E-01
SOS1-IT1	1.38	2.84E-01	1.00E+00	-0.58	8.16E-01	9.77E-01
CXorf36	0.14	7.98E-01	1.00E+00	0.16	8.16E-01	9.77E-01
SETD7	0.44	9.14E-02	1.00E+00	0.06	8.16E-01	9.77E-01
BICDL2	-0.37	4.16E-01	1.00E+00	0.14	8.16E-01	9.77E-01
USH1G	-0.26	7.00E-01	1.00E+00	-0.18	8.16E-01	9.77E-01
SMAD9	-0.14	6.74E-01	1.00E+00	0.11	8.16E-01	9.77E-01
MIR205HG	-0.34	2.54E-01	1.00E+00	-0.16	8.16E-01	9.77E-01
GAPDHS	-0.27	9.03E-01	1.00E+00	-0.20	8.16E-01	9.77E-01
ATP6V1H	0.20	2.83E-01	1.00E+00	0.03	8.16E-01	9.77E-01
EZH1	0.49	1.64E-01	1.00E+00	-0.08	8.16E-01	9.77E-01
AC135050.1	-0.76	2.59E-01	1.00E+00	0.15	8.16E-01	9.77E-01
PIGU	-0.07	7.17E-01	1.00E+00	0.04	8.16E-01	9.77E-01

LINC00165	4.20	1.31E-03	1.95E-01	-0.35	8.16E-01	9.77E-01
AC022400.5	2.55	6.99E-02	1.00E+00	0.25	8.16E-01	9.77E-01
FTH1P10	0.09	9.64E-01	1.00E+00	-0.19	8.16E-01	9.77E-01
LINC02172	1.62	5.51E-01	1.00E+00	-0.26	8.16E-01	9.77E-01
CRKL	0.14	5.00E-01	1.00E+00	-0.05	8.17E-01	9.77E-01
AP001381.1	1.08	5.09E-01	1.00E+00	0.31	8.17E-01	9.77E-01
PWAR5	0.18	6.68E-01	1.00E+00	-0.17	8.17E-01	9.77E-01
RPL10AP2	0.03	9.85E-01	1.00E+00	0.18	8.17E-01	9.77E-01
CNGA3	-2.85	1.54E-01	1.00E+00	0.74	8.17E-01	9.77E-01
PSMB8-AS1	0.19	6.05E-01	1.00E+00	-0.08	8.17E-01	9.77E-01
RPS25	-0.11	7.05E-01	1.00E+00	-0.06	8.17E-01	9.77E-01
KRTAP5-11	-6.46	6.36E-02	1.00E+00	-0.74	8.17E-01	9.77E-01
G10021	1.06	4.03E-01	1.00E+00	0.18	8.17E-01	9.77E-01
RBP1	-0.41	2.14E-01	1.00E+00	0.09	8.17E-01	9.77E-01
PRX	-0.14	7.39E-01	1.00E+00	0.72	8.17E-01	9.77E-01
KDM4D	0.19	5.70E-01	1.00E+00	-0.13	8.17E-01	9.77E-01
LINC00886	0.31	4.96E-01	1.00E+00	0.12	8.17E-01	9.77E-01
RRP15	0.19	3.95E-01	1.00E+00	-0.05	8.17E-01	9.77E-01
DISP1	0.42	1.65E-01	1.00E+00	-0.13	8.17E-01	9.77E-01
AC027288.3	1.18	2.11E-01	1.00E+00	-0.20	8.17E-01	9.77E-01
RHOB	-0.65	7.91E-02	1.00E+00	0.13	8.17E-01	9.77E-01
TRNT1	0.56	8.08E-02	1.00E+00	0.07	8.18E-01	9.77E-01
ZNF700	0.01	9.73E-01	1.00E+00	0.07	8.18E-01	9.77E-01
AC039056.2	-2.67	7.83E-02	1.00E+00	-0.26	8.18E-01	9.77E-01
UBE2D4	0.17	6.34E-01	1.00E+00	-0.09	8.18E-01	9.77E-01
PTTG1	-0.02	9.63E-01	1.00E+00	0.11	8.18E-01	9.77E-01
POU5F1B	0.01	9.92E-01	1.00E+00	-0.23	8.18E-01	9.77E-01
SMUG1	0.15	5.80E-01	1.00E+00	-0.06	8.18E-01	9.77E-01
G35913	-1.42	2.34E-01	1.00E+00	-0.28	8.18E-01	9.77E-01
GCKR	0.30	9.27E-01	1.00E+00	-0.38	8.18E-01	9.77E-01
TRPM7	-0.14	5.97E-01	1.00E+00	-0.06	8.18E-01	9.77E-01
PCDHGB2	-0.35	3.40E-01	1.00E+00	0.18	8.18E-01	9.77E-01

G35786	-0.73	6.36E-01	1.00E+00	0.22	8.18E-01	9.77E-01
LIMD1-AS1	-2.08	5.41E-01	1.00E+00	-0.23	8.18E-01	9.77E-01
GALNT13	0.68	4.73E-01	1.00E+00	0.50	8.18E-01	9.77E-01
LINC01393	-0.67	8.48E-01	1.00E+00	0.32	8.18E-01	9.77E-01
AL109615.3	0.89	6.85E-01	1.00E+00	-0.22	8.18E-01	9.77E-01
AC105285.1	0.56	6.26E-01	1.00E+00	-0.21	8.18E-01	9.77E-01
AC120114.3	-1.07	5.71E-01	1.00E+00	0.24	8.18E-01	9.77E-01
SASH1	0.02	8.92E-01	1.00E+00	-0.06	8.18E-01	9.77E-01
FAM24B	-1.10	5.79E-01	1.00E+00	0.22	8.18E-01	9.77E-01
AC009133.1	-0.52	1.92E-01	1.00E+00	0.15	8.19E-01	9.77E-01
AC087385.1	-1.39	6.23E-01	1.00E+00	0.21	8.19E-01	9.77E-01
SLC41A3	0.05	8.44E-01	1.00E+00	0.08	8.19E-01	9.77E-01
CR392039.4	-1.26	1.84E-01	1.00E+00	-0.25	8.19E-01	9.77E-01
KDM5A	0.10	6.64E-01	1.00E+00	-0.05	8.19E-01	9.77E-01
AC083843.2	0.73	5.06E-01	1.00E+00	-0.28	8.19E-01	9.77E-01
ZXDA	-0.16	4.53E-01	1.00E+00	-0.15	8.19E-01	9.77E-01
NDUFA9P1	0.54	5.80E-01	1.00E+00	0.16	8.19E-01	9.77E-01
GSTM3	0.55	7.18E-02	1.00E+00	-0.12	8.19E-01	9.77E-01
CCDC191	-0.09	7.46E-01	1.00E+00	-0.08	8.19E-01	9.77E-01
VWA3A	-0.90	3.11E-01	1.00E+00	0.16	8.19E-01	9.77E-01
ARIH2OS	0.07	8.87E-01	1.00E+00	0.10	8.19E-01	9.77E-01
SHISA6	0.84	1.12E-01	1.00E+00	0.72	8.19E-01	9.77E-01
AC022390.1	1.80	3.52E-01	1.00E+00	0.27	8.19E-01	9.77E-01
PLA2G4A	0.35	1.95E-01	1.00E+00	-0.06	8.19E-01	9.77E-01
LAMP2	0.02	9.12E-01	1.00E+00	-0.05	8.19E-01	9.77E-01
ZMAT4	-0.57	7.30E-01	1.00E+00	0.35	8.19E-01	9.77E-01
AC027097.2	-0.08	8.50E-01	1.00E+00	-0.15	8.19E-01	9.77E-01
CNTNAP3B	1.06	2.06E-01	1.00E+00	0.12	8.19E-01	9.77E-01
TPSD1	1.90	1.27E-01	1.00E+00	-0.30	8.19E-01	9.77E-01
KANTR	0.07	8.59E-01	1.00E+00	0.12	8.19E-01	9.77E-01
BTBD3	0.22	3.44E-01	1.00E+00	0.05	8.19E-01	9.77E-01
NKAP	0.03	8.73E-01	1.00E+00	-0.06	8.19E-01	9.77E-01

TTK	0.08	8.17E-01	1.00E+00	0.11	8.19E-01	9.77E-01
NAA40	0.21	5.92E-01	1.00E+00	0.10	8.19E-01	9.77E-01
GDPD5	0.23	7.00E-01	1.00E+00	0.16	8.19E-01	9.77E-01
ZSCAN1	0.63	6.43E-01	1.00E+00	0.28	8.19E-01	9.77E-01
LINC01559	NA	NA	NA	0.73	8.19E-01	9.77E-01
XLOC_002943	0.02	9.79E-01	1.00E+00	-0.17	8.19E-01	9.77E-01
ADAMTS8	-0.12	7.87E-01	1.00E+00	-0.72	8.20E-01	9.77E-01
POGK	-0.28	2.49E-01	1.00E+00	-0.06	8.20E-01	9.77E-01
CHCHD2	-0.10	5.47E-01	1.00E+00	-0.03	8.20E-01	9.77E-01
SHISA4	-0.24	4.60E-01	1.00E+00	-0.08	8.20E-01	9.77E-01
AL390719.2	0.68	4.36E-01	1.00E+00	0.26	8.20E-01	9.77E-01
ACY1	-1.26	5.28E-01	1.00E+00	0.20	8.20E-01	9.77E-01
ZSWIM5	-0.37	2.71E-01	1.00E+00	0.16	8.20E-01	9.77E-01
AC073321.1	NA	NA	NA	0.26	8.20E-01	9.77E-01
MRPS28	0.28	5.61E-01	1.00E+00	0.12	8.20E-01	9.77E-01
AC092652.3	-2.53	3.48E-01	1.00E+00	0.28	8.20E-01	9.77E-01
FASN	0.57	3.97E-01	1.00E+00	-0.15	8.20E-01	9.77E-01
UPF3B	0.09	7.38E-01	1.00E+00	-0.05	8.20E-01	9.77E-01
LRIT2	0.70	4.44E-01	1.00E+00	0.21	8.20E-01	9.77E-01
POLA1	-0.22	2.98E-01	1.00E+00	0.07	8.20E-01	9.77E-01
MSN	-0.17	4.26E-01	1.00E+00	0.09	8.20E-01	9.77E-01
GSTM5	1.40	2.10E-03	2.39E-01	0.12	8.20E-01	9.77E-01
PMF1	0.16	6.69E-01	1.00E+00	-0.09	8.20E-01	9.77E-01
MIR4453HG	-0.30	2.94E-01	1.00E+00	-0.11	8.20E-01	9.77E-01
SATB2-AS1	-0.76	2.99E-01	1.00E+00	0.11	8.21E-01	9.77E-01
CLEC16A	-0.27	3.36E-01	1.00E+00	0.10	8.21E-01	9.77E-01
MITD1	-0.03	8.99E-01	1.00E+00	-0.04	8.21E-01	9.77E-01
MIS18BP1	-0.08	7.63E-01	1.00E+00	-0.05	8.21E-01	9.77E-01
AL133406.2	-1.68	4.99E-01	1.00E+00	-0.39	8.21E-01	9.77E-01
XLOC_000895	-1.10	2.38E-01	1.00E+00	0.25	8.21E-01	9.77E-01
SF3A3	-0.05	7.42E-01	1.00E+00	-0.03	8.21E-01	9.77E-01
ISLR2	-0.33	6.27E-01	1.00E+00	0.22	8.21E-01	9.77E-01

DENND6A	-0.19	4.86E-01	1.00E+00	0.12	8.21E-01	9.77E-01
RBAK	-0.03	9.20E-01	1.00E+00	-0.09	8.21E-01	9.77E-01
GYG2P1	-0.91	6.59E-01	1.00E+00	0.51	8.21E-01	9.77E-01
MRVI1-AS1	-0.41	8.01E-01	1.00E+00	-0.26	8.21E-01	9.78E-01
C17orf82	-1.05	3.62E-01	1.00E+00	-0.26	8.21E-01	9.78E-01
FLYWCH1	-0.24	1.81E-01	1.00E+00	0.14	8.21E-01	9.78E-01
BMS1P11	-0.23	9.02E-01	1.00E+00	-0.15	8.21E-01	9.78E-01
PTPN20A	-1.90	1.25E-01	1.00E+00	-0.14	8.21E-01	9.78E-01
GDE1	0.03	8.98E-01	1.00E+00	0.05	8.21E-01	9.78E-01
GJA5	0.81	2.87E-01	1.00E+00	0.20	8.22E-01	9.78E-01
XLOC_007512	-0.17	8.85E-01	1.00E+00	0.69	8.22E-01	9.78E-01
LYPLA2P2	NA	NA	NA	0.15	8.22E-01	9.78E-01
USP21	0.14	5.49E-01	1.00E+00	-0.04	8.22E-01	9.78E-01
FBXL14	-0.13	5.68E-01	1.00E+00	0.20	8.22E-01	9.78E-01
GJB5	0.12	7.84E-01	1.00E+00	0.14	8.22E-01	9.78E-01
TUFT1	0.03	9.38E-01	1.00E+00	-0.08	8.22E-01	9.78E-01
RBM6	-0.24	2.61E-01	1.00E+00	0.05	8.22E-01	9.78E-01
MAN2C1	-0.15	5.33E-01	1.00E+00	0.09	8.22E-01	9.78E-01
OPTN	0.16	4.94E-01	1.00E+00	-0.03	8.22E-01	9.78E-01
MEG8	-0.11	8.79E-01	1.00E+00	-0.19	8.22E-01	9.78E-01
RAD51D	0.20	5.78E-01	1.00E+00	-0.08	8.22E-01	9.78E-01
SQLE	-0.38	4.13E-01	1.00E+00	0.08	8.22E-01	9.78E-01
AL136419.1	1.58	5.55E-01	1.00E+00	0.25	8.22E-01	9.78E-01
CCDC42	-1.04	7.61E-01	1.00E+00	-0.37	8.22E-01	9.78E-01
KRTAP10-8	-30.00	3.42E-18	5.54E-15	-0.72	8.22E-01	9.78E-01
C1QTNF2	0.43	1.80E-01	1.00E+00	-0.09	8.22E-01	9.78E-01
HNRNPA2B1	-0.12	5.15E-01	1.00E+00	-0.06	8.22E-01	9.78E-01
ERC2	-4.71	3.49E-05	9.61E-03	-0.32	8.23E-01	9.78E-01
AC106820.4	-0.34	7.67E-01	1.00E+00	0.34	8.23E-01	9.78E-01
SMTN	-0.25	5.79E-01	1.00E+00	0.11	8.23E-01	9.78E-01
NPAS2	0.02	9.49E-01	1.00E+00	-0.11	8.23E-01	9.78E-01
TRUB1	0.14	5.83E-01	1.00E+00	-0.05	8.23E-01	9.78E-01

RAB2B	0.18	4.89E-01	1.00E+00	0.07	8.23E-01	9.78E-01
PAICS	-0.12	6.15E-01	1.00E+00	0.05	8.23E-01	9.78E-01
MAPK14	0.42	7.11E-02	1.00E+00	-0.09	8.23E-01	9.78E-01
G41381	0.05	9.62E-01	1.00E+00	-0.27	8.23E-01	9.78E-01
TP53BP1	-0.24	3.03E-01	1.00E+00	0.10	8.23E-01	9.78E-01
FGF7P8	-1.44	2.49E-01	1.00E+00	0.11	8.23E-01	9.78E-01
GLO1	0.13	5.77E-01	1.00E+00	-0.07	8.23E-01	9.78E-01
MEF2A	-0.08	7.26E-01	1.00E+00	-0.04	8.23E-01	9.78E-01
AL161910.1	1.54	1.34E-01	1.00E+00	-0.31	8.23E-01	9.78E-01
LINC01220	1.91	1.00E-01	1.00E+00	-0.24	8.23E-01	9.78E-01
ABHD5	0.21	5.70E-01	1.00E+00	-0.06	8.23E-01	9.78E-01
AC008280.3	-0.42	6.36E-01	1.00E+00	-0.14	8.23E-01	9.78E-01
SMIM20	0.06	8.63E-01	1.00E+00	-0.06	8.23E-01	9.78E-01
HARBI1	-0.01	9.66E-01	1.00E+00	0.07	8.23E-01	9.78E-01
CHL1-AS1	0.19	9.06E-01	1.00E+00	-0.18	8.23E-01	9.78E-01
STRN	0.22	4.50E-01	1.00E+00	-0.11	8.23E-01	9.78E-01
KLHL8	0.36	9.38E-02	1.00E+00	0.04	8.23E-01	9.78E-01
FRG1BP	-0.02	9.38E-01	1.00E+00	0.06	8.24E-01	9.78E-01
ROCK2	-0.05	8.46E-01	1.00E+00	-0.09	8.24E-01	9.78E-01
KLHL3	0.17	7.55E-01	1.00E+00	-0.13	8.24E-01	9.78E-01
AL078644.1	2.13	2.43E-01	1.00E+00	-0.25	8.24E-01	9.78E-01
E2F8	-0.48	3.14E-01	1.00E+00	0.18	8.24E-01	9.78E-01
AC024940.2	1.86	2.95E-01	1.00E+00	-0.15	8.24E-01	9.78E-01
PTRH1	-1.43	3.85E-01	1.00E+00	0.18	8.24E-01	9.78E-01
PDZK1	0.66	3.48E-01	1.00E+00	-0.20	8.24E-01	9.78E-01
LRRC4B	-0.41	4.24E-01	1.00E+00	0.70	8.24E-01	9.78E-01
CDC25C	-0.02	9.76E-01	1.00E+00	0.17	8.24E-01	9.78E-01
NME6	0.16	4.15E-01	1.00E+00	0.05	8.24E-01	9.78E-01
BDH2	0.20	4.86E-01	1.00E+00	0.07	8.24E-01	9.78E-01
ALDOB	3.20	1.66E-01	1.00E+00	-0.28	8.24E-01	9.78E-01
AC007490.1	0.07	9.72E-01	1.00E+00	0.27	8.24E-01	9.78E-01
AC092484.1	-2.71	1.02E-01	1.00E+00	0.19	8.24E-01	9.78E-01

ENPEP	0.08	8.80E-01	1.00E+00	0.15	8.24E-01	9.78E-01
ALG10B	0.39	3.41E-01	1.00E+00	-0.06	8.24E-01	9.78E-01
SNX9	0.12	5.78E-01	1.00E+00	-0.09	8.24E-01	9.78E-01
EFNA1	-0.26	4.34E-01	1.00E+00	-0.08	8.24E-01	9.78E-01
UBE2J1	-0.05	8.03E-01	1.00E+00	0.06	8.24E-01	9.78E-01
FAM193B	-0.41	1.85E-01	1.00E+00	0.12	8.25E-01	9.78E-01
PCARE	0.44	3.79E-01	1.00E+00	-0.10	8.25E-01	9.78E-01
TMEM263	0.50	1.27E-01	1.00E+00	0.08	8.25E-01	9.78E-01
MEA1	-0.02	9.21E-01	1.00E+00	0.05	8.25E-01	9.78E-01
FAM107A	0.43	2.68E-01	1.00E+00	0.11	8.25E-01	9.78E-01
NIF3L1	0.10	5.55E-01	1.00E+00	-0.07	8.25E-01	9.78E-01
MFAP5	0.50	4.96E-01	1.00E+00	-0.14	8.25E-01	9.78E-01
VAMP8	0.14	6.12E-01	1.00E+00	-0.08	8.25E-01	9.78E-01
AL450332.1	-2.69	1.37E-01	1.00E+00	0.23	8.25E-01	9.78E-01
PIGR	2.03	2.49E-01	1.00E+00	-0.70	8.25E-01	9.78E-01
SVIL	-0.07	8.15E-01	1.00E+00	-0.07	8.25E-01	9.78E-01
HNRNPA1P1	-0.06	9.86E-01	1.00E+00	-0.22	8.25E-01	9.78E-01
ATP6V0E1	0.08	6.13E-01	1.00E+00	0.05	8.25E-01	9.78E-01
RWDD2A	-0.16	5.77E-01	1.00E+00	-0.08	8.25E-01	9.78E-01
AC104024.2	-0.70	5.24E-01	1.00E+00	-0.30	8.25E-01	9.78E-01
RSPH3	-0.23	2.36E-01	1.00E+00	0.04	8.25E-01	9.78E-01
MCAT	-0.08	7.38E-01	1.00E+00	0.09	8.25E-01	9.78E-01
FAM86B3P	0.00	9.95E-01	1.00E+00	0.15	8.25E-01	9.78E-01
Z95704.5	-1.03	5.57E-01	1.00E+00	-0.22	8.25E-01	9.78E-01
AC012676.1	0.83	4.10E-01	1.00E+00	0.29	8.25E-01	9.78E-01
XLOC_005818	2.75	1.33E-01	1.00E+00	-0.25	8.25E-01	9.78E-01
RPL9P9	-0.27	6.65E-01	1.00E+00	-0.19	8.25E-01	9.78E-01
STX6	0.01	9.51E-01	1.00E+00	-0.09	8.25E-01	9.78E-01
MSS51	1.09	2.92E-01	1.00E+00	0.27	8.25E-01	9.78E-01
ZNF799	0.29	5.07E-01	1.00E+00	-0.07	8.25E-01	9.78E-01
ZFP82	0.46	4.70E-01	1.00E+00	0.09	8.25E-01	9.78E-01
KIAA1549	-0.02	9.66E-01	1.00E+00	0.15	8.25E-01	9.78E-01

VPS25	-0.18	3.75E-01	1.00E+00	0.04	8.25E-01	9.78E-01
AL020997.1	-2.85	1.43E-01	1.00E+00	-0.20	8.26E-01	9.78E-01
XLOC_014066	0.92	7.33E-01	1.00E+00	-0.23	8.26E-01	9.78E-01
AC008957.3	0.01	9.96E-01	1.00E+00	0.38	8.26E-01	9.78E-01
CALU	0.01	9.70E-01	1.00E+00	0.07	8.26E-01	9.78E-01
UBE2R2	-0.06	7.54E-01	1.00E+00	0.07	8.26E-01	9.78E-01
RBFADN	0.69	5.11E-01	1.00E+00	-0.18	8.26E-01	9.78E-01
SPSB2	-0.23	3.47E-01	1.00E+00	-0.07	8.26E-01	9.78E-01
PRDM16	-0.16	8.06E-01	1.00E+00	0.19	8.26E-01	9.78E-01
AL137003.2	0.66	2.13E-01	1.00E+00	0.12	8.26E-01	9.78E-01
DMKN	0.07	8.94E-01	1.00E+00	0.14	8.26E-01	9.78E-01
AXDND1	-1.35	5.75E-01	1.00E+00	0.29	8.26E-01	9.78E-01
AC012531.1	-0.30	8.66E-01	1.00E+00	0.30	8.26E-01	9.78E-01
PGPEP1L	-1.27	6.74E-01	1.00E+00	0.26	8.26E-01	9.78E-01
BCL2L14	-1.54	1.44E-01	1.00E+00	0.69	8.26E-01	9.78E-01
KCNK1	-0.25	6.44E-01	1.00E+00	0.12	8.26E-01	9.78E-01
AL136126.1	0.90	7.96E-01	1.00E+00	-0.19	8.26E-01	9.78E-01
DYNC1LI2	0.04	8.69E-01	1.00E+00	-0.05	8.26E-01	9.78E-01
XLOC_001343	-0.06	9.03E-01	1.00E+00	-0.11	8.26E-01	9.78E-01
BMP8B	-0.37	1.37E-01	1.00E+00	-0.17	8.26E-01	9.78E-01
IVNS1ABP	0.04	8.48E-01	1.00E+00	-0.05	8.26E-01	9.78E-01
FPGT	0.27	5.18E-01	1.00E+00	-0.09	8.26E-01	9.78E-01
G31075	-2.45	4.63E-02	1.00E+00	0.28	8.26E-01	9.78E-01
LMO4	-0.08	7.52E-01	1.00E+00	-0.04	8.26E-01	9.78E-01
AC069213.1	-0.85	5.05E-01	1.00E+00	0.21	8.26E-01	9.78E-01
CADM3-AS1	0.12	8.98E-01	1.00E+00	-0.23	8.27E-01	9.78E-01
MAT1A	-0.78	1.29E-01	1.00E+00	-0.17	8.27E-01	9.78E-01
NIPAA2	0.07	6.68E-01	1.00E+00	0.04	8.27E-01	9.78E-01
G39662	1.21	3.68E-01	1.00E+00	-0.17	8.27E-01	9.78E-01
MRPL45P2	-1.24	6.10E-02	1.00E+00	-0.08	8.27E-01	9.78E-01
AC007405.3	0.74	3.85E-01	1.00E+00	-0.16	8.27E-01	9.78E-01
AC118553.1	0.07	9.48E-01	1.00E+00	-0.19	8.27E-01	9.78E-01

G23907	1.58	1.22E-01	1.00E+00	-0.23	8.27E-01	9.78E-01
CSPP1	0.19	3.62E-01	1.00E+00	-0.05	8.27E-01	9.78E-01
RAB10	0.05	8.84E-01	1.00E+00	0.05	8.27E-01	9.78E-01
PICART1	-1.23	5.60E-02	1.00E+00	0.22	8.27E-01	9.78E-01
DNLZ	-1.48	1.40E-01	1.00E+00	0.32	8.27E-01	9.78E-01
ASCL4	-1.07	3.49E-01	1.00E+00	0.24	8.27E-01	9.78E-01
RASGRF1	0.25	7.87E-01	1.00E+00	0.27	8.27E-01	9.78E-01
APOL4	-0.34	5.23E-01	1.00E+00	0.11	8.27E-01	9.78E-01
TACR2	-0.09	8.93E-01	1.00E+00	-0.13	8.27E-01	9.78E-01
ZDHHC21	-0.21	4.79E-01	1.00E+00	0.07	8.27E-01	9.78E-01
FAUP1	-1.87	3.77E-01	1.00E+00	-0.14	8.27E-01	9.78E-01
AL139353.3	-2.97	3.05E-01	1.00E+00	0.28	8.27E-01	9.78E-01
TJP2	0.05	7.92E-01	1.00E+00	-0.11	8.27E-01	9.78E-01
TUBB4A	-0.88	2.97E-01	1.00E+00	0.11	8.27E-01	9.78E-01
SLC4A1	-1.27	3.70E-01	1.00E+00	-0.29	8.27E-01	9.78E-01
IGHV6-1	0.56	8.71E-01	1.00E+00	0.70	8.27E-01	9.78E-01
POMT1	0.21	5.12E-01	1.00E+00	-0.05	8.27E-01	9.78E-01
XLOC_003775	-1.27	7.14E-01	1.00E+00	-0.31	8.27E-01	9.78E-01
UTS2	-3.43	3.11E-01	1.00E+00	-0.33	8.27E-01	9.78E-01
PTDSS2	-0.11	6.70E-01	1.00E+00	0.10	8.27E-01	9.78E-01
AC016588.2	0.38	6.03E-01	1.00E+00	-0.12	8.28E-01	9.78E-01
UBA3	0.17	4.08E-01	1.00E+00	-0.08	8.28E-01	9.78E-01
CIT	-0.23	4.86E-01	1.00E+00	0.08	8.28E-01	9.78E-01
AL645929.1	0.18	8.65E-01	1.00E+00	0.14	8.28E-01	9.78E-01
PCIF1	-0.19	3.92E-01	1.00E+00	0.03	8.28E-01	9.78E-01
TRPC3	-1.20	3.42E-01	1.00E+00	0.31	8.28E-01	9.78E-01
RPL7AP60	-3.01	9.96E-02	1.00E+00	0.19	8.28E-01	9.78E-01
VPS35L	-0.12	4.89E-01	1.00E+00	-0.04	8.28E-01	9.78E-01
AC098591.2	0.91	7.93E-01	1.00E+00	-0.17	8.28E-01	9.78E-01
PLBD1-AS1	0.08	8.88E-01	1.00E+00	0.10	8.28E-01	9.78E-01
SLC25A21-AS1	0.48	5.30E-01	1.00E+00	-0.15	8.28E-01	9.78E-01
GAPDHP65	1.56	6.54E-01	1.00E+00	0.17	8.28E-01	9.78E-01

SEL1L	0.18	3.43E-01	1.00E+00	0.04	8.28E-01	9.78E-01
ASL	-0.06	7.83E-01	1.00E+00	0.05	8.28E-01	9.78E-01
NECAB3	-0.40	2.62E-01	1.00E+00	-0.12	8.28E-01	9.78E-01
PRKAR2A	0.19	3.42E-01	1.00E+00	0.04	8.28E-01	9.78E-01
EFS	-0.34	2.15E-01	1.00E+00	-0.11	8.28E-01	9.78E-01
G23048	-0.24	8.99E-01	1.00E+00	-0.26	8.28E-01	9.78E-01
FUBP3	0.05	7.67E-01	1.00E+00	-0.07	8.28E-01	9.78E-01
NUMBL	-0.07	8.22E-01	1.00E+00	0.13	8.28E-01	9.78E-01
ACAD10	0.24	3.15E-01	1.00E+00	0.05	8.28E-01	9.78E-01
AC090517.2	-0.63	5.20E-01	1.00E+00	-0.14	8.28E-01	9.78E-01
LINC01139	1.09	5.35E-03	4.31E-01	0.20	8.28E-01	9.78E-01
IL13	3.51	2.97E-01	1.00E+00	-0.50	8.28E-01	9.78E-01
CYYR1-AS1	-4.11	3.97E-02	1.00E+00	-0.28	8.29E-01	9.78E-01
ARHGEF37	0.24	2.49E-01	1.00E+00	-0.08	8.29E-01	9.78E-01
CD34	0.27	5.61E-01	1.00E+00	0.10	8.29E-01	9.78E-01
ECT2L	-0.96	1.23E-01	1.00E+00	-0.15	8.29E-01	9.78E-01
AC092295.2	-0.29	4.15E-01	1.00E+00	0.18	8.29E-01	9.78E-01
ECPAS	0.00	9.81E-01	1.00E+00	-0.07	8.29E-01	9.78E-01
IL12A	0.02	9.91E-01	1.00E+00	0.28	8.29E-01	9.78E-01
TEPP	-3.01	2.76E-02	9.71E-01	0.14	8.29E-01	9.78E-01
GP1BA	-0.78	5.80E-02	1.00E+00	0.15	8.29E-01	9.78E-01
XLOC_014188	-1.29	6.93E-01	1.00E+00	-0.32	8.29E-01	9.78E-01
DLGAP1-AS2	-0.60	5.57E-01	1.00E+00	0.18	8.29E-01	9.78E-01
FAR2P2	0.88	3.10E-01	1.00E+00	-0.17	8.29E-01	9.78E-01
HSPG2	-0.01	9.79E-01	1.00E+00	0.68	8.29E-01	9.78E-01
AC093627.4	0.23	6.78E-01	1.00E+00	0.19	8.29E-01	9.78E-01
ZNF835	0.74	3.61E-01	1.00E+00	-0.46	8.29E-01	9.78E-01
ST14	-0.45	1.93E-01	1.00E+00	0.13	8.29E-01	9.78E-01
CDKN1C	0.24	6.22E-01	1.00E+00	0.13	8.29E-01	9.78E-01
TMEM256P2	1.48	6.66E-01	1.00E+00	-0.29	8.29E-01	9.78E-01
UTF1	0.43	8.87E-01	1.00E+00	0.43	8.29E-01	9.78E-01
G25511	0.79	4.43E-01	1.00E+00	-0.14	8.29E-01	9.78E-01

XLOC_014369	0.05	9.69E-01	1.00E+00	-0.21	8.29E-01	9.78E-01
RPL23P2	0.87	5.93E-01	1.00E+00	-0.21	8.29E-01	9.79E-01
B4GALT2	-0.23	2.48E-01	1.00E+00	-0.09	8.30E-01	9.79E-01
LIPN	-0.23	7.65E-01	1.00E+00	0.15	8.30E-01	9.79E-01
CRISPLD1	-0.18	7.88E-01	1.00E+00	-0.11	8.30E-01	9.79E-01
METTL26	-0.36	9.12E-02	1.00E+00	0.06	8.30E-01	9.79E-01
PRDM5	-0.12	7.39E-01	1.00E+00	0.09	8.30E-01	9.79E-01
NOL7	0.55	1.25E-01	1.00E+00	0.12	8.30E-01	9.79E-01
EARS2	-0.01	9.56E-01	1.00E+00	-0.04	8.30E-01	9.79E-01
RPS2P44	-0.32	9.26E-01	1.00E+00	-0.31	8.30E-01	9.79E-01
AC234775.3	-0.29	7.64E-01	1.00E+00	0.19	8.30E-01	9.79E-01
AL008729.1	0.00	9.98E-01	1.00E+00	-0.50	8.30E-01	9.79E-01
NPR1	1.07	8.77E-02	1.00E+00	0.16	8.30E-01	9.79E-01
ELL3	1.98	8.68E-02	1.00E+00	-0.20	8.30E-01	9.79E-01
NRL	-0.77	1.61E-01	1.00E+00	0.17	8.30E-01	9.79E-01
JUP	-0.22	6.20E-01	1.00E+00	-0.11	8.30E-01	9.79E-01
XLOC_001680	-0.37	8.99E-01	1.00E+00	0.22	8.30E-01	9.79E-01
MAML3	-0.41	2.55E-01	1.00E+00	0.08	8.31E-01	9.79E-01
PRKAA1	0.07	7.78E-01	1.00E+00	-0.04	8.31E-01	9.79E-01
NDOR1	-0.24	4.36E-01	1.00E+00	0.13	8.31E-01	9.79E-01
AL451074.2	1.03	4.24E-01	1.00E+00	-0.23	8.31E-01	9.79E-01
TIMMDC1	-0.05	7.70E-01	1.00E+00	-0.05	8.31E-01	9.79E-01
PLAA	0.00	9.86E-01	1.00E+00	0.05	8.31E-01	9.79E-01
HEPACAM	2.85	1.66E-01	1.00E+00	-0.68	8.31E-01	9.79E-01
BOK	0.57	2.01E-01	1.00E+00	-0.10	8.31E-01	9.79E-01
RNF43	-0.39	2.56E-01	1.00E+00	0.12	8.31E-01	9.79E-01
RIOX1	-0.11	6.64E-01	1.00E+00	-0.10	8.31E-01	9.79E-01
AC092118.1	-0.01	9.91E-01	1.00E+00	0.18	8.31E-01	9.79E-01
TMEM269	-0.78	3.54E-01	1.00E+00	-0.11	8.31E-01	9.79E-01
ABCA4	-0.92	8.83E-02	1.00E+00	0.17	8.31E-01	9.79E-01
CRACR2A	0.13	8.77E-01	1.00E+00	0.15	8.31E-01	9.80E-01
ZNF280D	0.18	5.54E-01	1.00E+00	0.06	8.31E-01	9.80E-01

CDC42EP1	-0.27	4.15E-01	1.00E+00	0.09	8.32E-01	9.80E-01
IDH3A	-0.23	3.12E-01	1.00E+00	0.05	8.32E-01	9.80E-01
BPTF	-0.12	6.06E-01	1.00E+00	0.06	8.32E-01	9.80E-01
TUBA1A	-0.34	2.01E-01	1.00E+00	-0.05	8.32E-01	9.80E-01
WDR59	-0.15	4.73E-01	1.00E+00	-0.09	8.32E-01	9.80E-01
SAFB2	-0.12	6.12E-01	1.00E+00	0.08	8.32E-01	9.80E-01
GXYLT2	0.18	7.13E-01	1.00E+00	-0.11	8.32E-01	9.80E-01
NSRP1	0.07	7.57E-01	1.00E+00	-0.06	8.32E-01	9.80E-01
AL031118.1	1.08	7.96E-02	1.00E+00	0.20	8.32E-01	9.80E-01
IGFBP7-AS1	-2.58	2.88E-01	1.00E+00	0.24	8.32E-01	9.80E-01
C1DP1	-0.80	8.18E-01	1.00E+00	0.24	8.32E-01	9.80E-01
CAMTA2	-0.16	5.23E-01	1.00E+00	0.09	8.32E-01	9.80E-01
NONOP2	0.27	6.77E-01	1.00E+00	-0.13	8.32E-01	9.80E-01
DDX11L2	-3.08	4.57E-02	1.00E+00	-0.23	8.32E-01	9.80E-01
GRPEL2	-0.25	3.78E-01	1.00E+00	0.07	8.32E-01	9.80E-01
TRIM39	0.33	1.36E-01	1.00E+00	-0.09	8.32E-01	9.80E-01
FAM198B	0.23	6.81E-01	1.00E+00	0.10	8.32E-01	9.80E-01
FNBP1	0.05	8.75E-01	1.00E+00	0.09	8.32E-01	9.80E-01
EFCC1	0.04	9.07E-01	1.00E+00	-0.18	8.32E-01	9.80E-01
ANXA1	0.41	8.04E-02	1.00E+00	0.07	8.32E-01	9.80E-01
AC090617.5	-0.09	8.72E-01	1.00E+00	-0.09	8.32E-01	9.80E-01
ABCC5	-0.09	7.05E-01	1.00E+00	0.06	8.32E-01	9.80E-01
AADAC	0.81	1.80E-01	1.00E+00	0.13	8.32E-01	9.80E-01
ATG14	-0.14	5.54E-01	1.00E+00	-0.06	8.32E-01	9.80E-01
MED9	0.05	8.52E-01	1.00E+00	-0.05	8.33E-01	9.80E-01
COLCA1	1.02	3.86E-01	1.00E+00	0.39	8.33E-01	9.80E-01
RANP1	0.27	8.27E-01	1.00E+00	0.09	8.33E-01	9.80E-01
ZNF330	0.16	5.14E-01	1.00E+00	0.04	8.33E-01	9.80E-01
UPF3AP2	0.27	7.13E-01	1.00E+00	-0.07	8.33E-01	9.80E-01
COPG1	-0.02	8.93E-01	1.00E+00	-0.07	8.33E-01	9.80E-01
PCSK2	-0.19	6.25E-01	1.00E+00	0.12	8.33E-01	9.80E-01
FTL	0.32	4.68E-01	1.00E+00	-0.11	8.33E-01	9.80E-01

GIT1	-0.27	2.11E-01	1.00E+00	-0.10	8.33E-01	9.80E-01
CFAP74	-1.46	3.04E-01	1.00E+00	0.23	8.33E-01	9.80E-01
XG	0.32	3.80E-01	1.00E+00	-0.08	8.33E-01	9.80E-01
ZBTB21	-0.25	3.89E-01	1.00E+00	0.05	8.33E-01	9.80E-01
TTLL1	-0.20	5.45E-01	1.00E+00	-0.05	8.33E-01	9.80E-01
KRT8P15	-0.93	7.85E-01	1.00E+00	-0.68	8.33E-01	9.80E-01
TMEM139	0.89	2.50E-01	1.00E+00	0.11	8.33E-01	9.80E-01
LINC01102	-3.52	2.32E-01	1.00E+00	0.67	8.33E-01	9.80E-01
TMEM102	-0.30	3.42E-01	1.00E+00	-0.14	8.33E-01	9.80E-01
PRKX	0.36	1.70E-01	1.00E+00	0.10	8.33E-01	9.80E-01
FLG	-0.10	8.39E-01	1.00E+00	0.16	8.33E-01	9.80E-01
ACER1	0.24	6.53E-01	1.00E+00	-0.16	8.33E-01	9.80E-01
G34424	0.02	9.87E-01	1.00E+00	0.16	8.33E-01	9.80E-01
SPG11	-0.28	2.28E-01	1.00E+00	-0.05	8.34E-01	9.80E-01
HOXA11-AS	-1.42	1.86E-01	1.00E+00	-0.26	8.34E-01	9.80E-01
AP002812.2	0.64	8.04E-01	1.00E+00	0.34	8.34E-01	9.80E-01
CYP27B1	-0.87	3.31E-01	1.00E+00	0.66	8.34E-01	9.80E-01
TXNDC11	-0.21	3.30E-01	1.00E+00	0.10	8.34E-01	9.80E-01
ZNF570	0.04	8.87E-01	1.00E+00	0.06	8.34E-01	9.80E-01
TPSB2	0.67	2.36E-01	1.00E+00	0.12	8.34E-01	9.80E-01
HINT3	0.21	3.14E-01	1.00E+00	-0.05	8.34E-01	9.80E-01
NRIP1	-0.10	7.35E-01	1.00E+00	-0.10	8.35E-01	9.81E-01
ZFAND5	0.00	9.93E-01	1.00E+00	-0.09	8.35E-01	9.81E-01
COPS7B	0.02	9.17E-01	1.00E+00	-0.04	8.35E-01	9.81E-01
AC108704.2	0.30	8.56E-01	1.00E+00	-0.21	8.35E-01	9.81E-01
DIS3	0.15	3.89E-01	1.00E+00	0.05	8.35E-01	9.81E-01
PIFO	0.06	8.87E-01	1.00E+00	0.10	8.35E-01	9.81E-01
SRRM2	-0.60	2.55E-02	9.29E-01	-0.11	8.35E-01	9.81E-01
KRTAP1-3	-19.72	4.78E-09	2.45E-06	-0.66	8.35E-01	9.81E-01
CNN2P1	3.95	1.12E-01	1.00E+00	-0.32	8.35E-01	9.81E-01
AKAP8	-0.47	4.79E-02	1.00E+00	0.06	8.35E-01	9.81E-01
RIMS2	-2.27	1.01E-02	6.26E-01	-0.21	8.35E-01	9.81E-01

AP002784.2	-0.56	7.11E-01	1.00E+00	0.09	8.35E-01	9.81E-01
DIDO1	-0.25	2.63E-01	1.00E+00	-0.05	8.35E-01	9.81E-01
RPS26P47	1.95	1.43E-01	1.00E+00	0.14	8.35E-01	9.81E-01
RP4-565E6.1	0.70	4.63E-01	1.00E+00	0.24	8.35E-01	9.81E-01
RAP1B	0.29	1.37E-01	1.00E+00	-0.05	8.35E-01	9.81E-01
GPR75	0.11	8.62E-01	1.00E+00	0.14	8.35E-01	9.81E-01
FUNDC2	0.14	5.12E-01	1.00E+00	-0.04	8.36E-01	9.81E-01
COL19A1	-1.98	1.79E-01	1.00E+00	-0.26	8.36E-01	9.81E-01
SNHG14	0.38	4.30E-01	1.00E+00	-0.10	8.36E-01	9.81E-01
AC073254.1	0.87	9.77E-02	1.00E+00	-0.15	8.36E-01	9.81E-01
GTF2IRD1	-0.51	1.32E-01	1.00E+00	0.09	8.36E-01	9.81E-01
STAT5A	0.45	1.97E-01	1.00E+00	-0.13	8.36E-01	9.81E-01
AC046176.1	-0.49	6.13E-01	1.00E+00	-0.09	8.36E-01	9.81E-01
NHLRC1	-0.14	6.16E-01	1.00E+00	0.06	8.36E-01	9.81E-01
TP53	-0.22	4.18E-01	1.00E+00	-0.05	8.36E-01	9.81E-01
ETNK1	-0.04	9.03E-01	1.00E+00	-0.06	8.36E-01	9.81E-01
ARHGAP32	-0.23	4.38E-01	1.00E+00	0.07	8.36E-01	9.81E-01
AC107032.1	-0.92	3.54E-01	1.00E+00	-0.14	8.36E-01	9.81E-01
TDRD3	0.04	8.40E-01	1.00E+00	-0.04	8.36E-01	9.81E-01
MLEC	0.62	9.42E-03	6.06E-01	-0.08	8.36E-01	9.81E-01
G34423	-1.18	8.34E-02	1.00E+00	-0.23	8.36E-01	9.81E-01
CHST8	-0.78	2.15E-01	1.00E+00	-0.57	8.36E-01	9.81E-01
GLS2	0.85	6.90E-01	1.00E+00	-0.18	8.36E-01	9.81E-01
PTDSS1	-0.23	2.27E-01	1.00E+00	0.04	8.36E-01	9.81E-01
MEIS3P1	0.14	7.53E-01	1.00E+00	-0.51	8.36E-01	9.81E-01
FAHD2A	0.18	4.31E-01	1.00E+00	-0.04	8.36E-01	9.81E-01
AGBL4	-0.26	7.82E-01	1.00E+00	-0.18	8.36E-01	9.81E-01
CR2	2.83	4.04E-01	1.00E+00	0.64	8.36E-01	9.81E-01
PALM3	0.11	8.39E-01	1.00E+00	-0.26	8.36E-01	9.81E-01
C17orf97	0.54	2.47E-01	1.00E+00	-0.12	8.36E-01	9.81E-01
PHLDA3	0.10	7.56E-01	1.00E+00	0.12	8.36E-01	9.81E-01
G30143	-1.88	1.61E-01	1.00E+00	-0.25	8.36E-01	9.81E-01

TCF7	-0.39	9.69E-02	1.00E+00	-0.11	8.36E-01	9.81E-01
CMA1	0.70	2.43E-01	1.00E+00	0.13	8.36E-01	9.81E-01
TECRP1	0.12	8.26E-01	1.00E+00	-0.13	8.36E-01	9.81E-01
MT3	0.20	9.51E-01	1.00E+00	-0.22	8.36E-01	9.81E-01
POT1-AS1	-1.83	5.25E-01	1.00E+00	0.20	8.37E-01	9.81E-01
FIBP	-0.26	1.40E-01	1.00E+00	-0.05	8.37E-01	9.81E-01
IGHE	0.60	8.17E-01	1.00E+00	-0.40	8.37E-01	9.81E-01
ARHGAP28	-0.43	3.51E-01	1.00E+00	-0.08	8.37E-01	9.81E-01
AGMO	0.82	2.54E-01	1.00E+00	-0.17	8.37E-01	9.81E-01
LMLN	-0.09	8.36E-01	1.00E+00	-0.07	8.37E-01	9.81E-01
AC109635.5	1.32	4.93E-01	1.00E+00	0.27	8.37E-01	9.81E-01
NT5M	0.07	8.92E-01	1.00E+00	-0.14	8.37E-01	9.81E-01
G6313	0.72	1.12E-01	1.00E+00	0.15	8.37E-01	9.81E-01
IFT140	-0.02	9.39E-01	1.00E+00	0.12	8.37E-01	9.81E-01
HCAR2	0.17	7.58E-01	1.00E+00	0.06	8.37E-01	9.81E-01
AC106869.1	0.32	7.26E-01	1.00E+00	0.21	8.37E-01	9.81E-01
PCGF1	-0.02	9.00E-01	1.00E+00	0.04	8.37E-01	9.81E-01
TIA1	-0.24	4.19E-01	1.00E+00	0.05	8.38E-01	9.81E-01
THAP9-AS1	-0.26	3.49E-01	1.00E+00	-0.06	8.38E-01	9.81E-01
SLC25A24	0.31	3.24E-01	1.00E+00	-0.05	8.38E-01	9.81E-01
AL590705.3	-0.77	4.57E-01	1.00E+00	-0.11	8.38E-01	9.81E-01
PSMD11	0.00	9.88E-01	1.00E+00	-0.05	8.38E-01	9.81E-01
AC099778.1	-0.76	3.02E-01	1.00E+00	0.17	8.38E-01	9.81E-01
CKS1BP2	-2.87	3.99E-01	1.00E+00	-0.12	8.38E-01	9.81E-01
MOCS1	0.25	4.96E-01	1.00E+00	-0.12	8.38E-01	9.81E-01
AL022097.1	-1.39	4.96E-01	1.00E+00	-0.26	8.38E-01	9.81E-01
AP000350.6	2.62	3.19E-01	1.00E+00	-0.33	8.38E-01	9.81E-01
RBBP5	0.26	3.47E-01	1.00E+00	0.04	8.38E-01	9.81E-01
C1orf134	0.26	5.21E-01	1.00E+00	0.10	8.38E-01	9.81E-01
AC156455.1	-1.13	2.97E-01	1.00E+00	0.19	8.38E-01	9.81E-01
SLC25A13	-0.01	9.63E-01	1.00E+00	0.04	8.38E-01	9.81E-01
PRPF40A	-0.06	8.14E-01	1.00E+00	-0.05	8.38E-01	9.81E-01

TMEM185A	0.09	6.49E-01	1.00E+00	0.06	8.38E-01	9.81E-01
HEATR1	0.08	7.43E-01	1.00E+00	0.09	8.38E-01	9.81E-01
NCCRP1	-0.15	8.03E-01	1.00E+00	-0.15	8.38E-01	9.81E-01
AL139393.2	0.18	5.93E-01	1.00E+00	0.14	8.38E-01	9.81E-01
C5orf56	0.04	9.46E-01	1.00E+00	0.10	8.38E-01	9.81E-01
AC007537.1	2.32	1.22E-01	1.00E+00	0.14	8.38E-01	9.81E-01
AC100814.1	-0.72	6.16E-01	1.00E+00	-0.17	8.38E-01	9.81E-01
NRBF2	0.06	7.76E-01	1.00E+00	-0.06	8.38E-01	9.81E-01
CLOCK	0.03	9.15E-01	1.00E+00	-0.04	8.38E-01	9.81E-01
AC004943.2	0.12	8.00E-01	1.00E+00	0.10	8.38E-01	9.81E-01
PRKAG3	-0.26	8.79E-01	1.00E+00	-0.31	8.38E-01	9.81E-01
STARD13-AS	1.91	1.53E-01	1.00E+00	-0.14	8.38E-01	9.81E-01
GAS6	0.08	7.76E-01	1.00E+00	-0.08	8.38E-01	9.81E-01
ANO6	0.47	1.33E-01	1.00E+00	-0.08	8.38E-01	9.81E-01
BTBD7P1	-1.07	4.22E-01	1.00E+00	0.33	8.38E-01	9.81E-01
CACNA1H	-0.55	6.06E-02	1.00E+00	-0.16	8.38E-01	9.81E-01
AC080013.4	0.67	2.26E-01	1.00E+00	-0.13	8.39E-01	9.81E-01
TSP0AP1-AS1	1.27	3.06E-01	1.00E+00	-0.22	8.39E-01	9.81E-01
BBX	0.04	8.67E-01	1.00E+00	-0.03	8.39E-01	9.81E-01
CDKN3	0.14	7.33E-01	1.00E+00	-0.10	8.39E-01	9.81E-01
TMC3	-0.22	8.90E-01	1.00E+00	0.25	8.39E-01	9.81E-01
DVL2	-0.17	4.08E-01	1.00E+00	-0.08	8.39E-01	9.81E-01
AL021878.2	0.82	5.73E-01	1.00E+00	0.20	8.39E-01	9.81E-01
AC078962.2	-0.26	8.06E-01	1.00E+00	-0.17	8.39E-01	9.81E-01
AC008443.4	-2.59	4.49E-01	1.00E+00	-0.15	8.39E-01	9.81E-01
LINC02227	2.53	4.56E-01	1.00E+00	0.23	8.39E-01	9.81E-01
AC098847.1	0.21	7.60E-01	1.00E+00	0.18	8.39E-01	9.81E-01
AL035661.1	-0.80	8.18E-01	1.00E+00	-0.18	8.39E-01	9.81E-01
RPS6KA2	0.36	2.05E-01	1.00E+00	-0.09	8.39E-01	9.81E-01
SNORD104	1.42	3.83E-01	1.00E+00	0.22	8.39E-01	9.81E-01
AC005165.1	-1.88	5.71E-01	1.00E+00	-0.22	8.39E-01	9.81E-01
TMEM217	-0.03	9.56E-01	1.00E+00	0.14	8.39E-01	9.81E-01

AC025857.2	-2.22	1.90E-01	1.00E+00	0.16	8.39E-01	9.81E-01
RNF32	0.00	9.95E-01	1.00E+00	0.10	8.39E-01	9.81E-01
TMC1	-0.15	8.40E-01	1.00E+00	-0.16	8.39E-01	9.81E-01
C5orf22	-0.26	3.24E-01	1.00E+00	0.06	8.39E-01	9.81E-01
NUP205	-0.02	9.27E-01	1.00E+00	-0.07	8.39E-01	9.81E-01
MLKL	-0.07	8.80E-01	1.00E+00	-0.49	8.39E-01	9.81E-01
ESPN	-0.62	2.25E-01	1.00E+00	-0.14	8.39E-01	9.81E-01
DHRS4L1	-1.28	4.12E-01	1.00E+00	-0.18	8.39E-01	9.81E-01
CLIC4	0.25	5.39E-01	1.00E+00	0.07	8.40E-01	9.81E-01
ZNF426	-0.16	4.41E-01	1.00E+00	0.04	8.40E-01	9.81E-01
USP28	0.30	2.35E-01	1.00E+00	-0.08	8.40E-01	9.81E-01
INSYN1-AS1	0.65	5.55E-01	1.00E+00	0.27	8.40E-01	9.81E-01
AC008243.1	-0.13	9.69E-01	1.00E+00	0.24	8.40E-01	9.81E-01
FXN	-0.22	4.99E-01	1.00E+00	-0.05	8.40E-01	9.81E-01
KCNH3	-1.07	1.28E-01	1.00E+00	0.28	8.40E-01	9.81E-01
IGFL2	0.05	9.16E-01	1.00E+00	0.15	8.40E-01	9.81E-01
EML1	-0.05	8.47E-01	1.00E+00	0.08	8.40E-01	9.81E-01
AMN	-0.84	9.03E-02	1.00E+00	-0.19	8.40E-01	9.81E-01
GFRA3	-0.34	5.15E-01	1.00E+00	0.10	8.40E-01	9.81E-01
SH3GL1	-0.18	6.06E-01	1.00E+00	0.08	8.40E-01	9.81E-01
RPL26P30	0.02	9.89E-01	1.00E+00	0.14	8.40E-01	9.81E-01
CCNL2	-0.13	7.01E-01	1.00E+00	-0.07	8.40E-01	9.81E-01
AC008494.3	-1.51	3.66E-01	1.00E+00	-0.14	8.40E-01	9.81E-01
TOMM40	-0.37	1.51E-01	1.00E+00	-0.11	8.40E-01	9.81E-01
BLCAP	0.23	2.01E-01	1.00E+00	-0.04	8.40E-01	9.81E-01
BIRC2	0.22	3.50E-01	1.00E+00	0.03	8.40E-01	9.81E-01
HPS1	-0.11	6.10E-01	1.00E+00	0.07	8.40E-01	9.81E-01
HOXB5	0.75	3.41E-01	1.00E+00	0.14	8.40E-01	9.81E-01
OLAH	0.68	6.91E-01	1.00E+00	-0.24	8.40E-01	9.81E-01
AC090136.3	0.39	8.00E-01	1.00E+00	0.25	8.40E-01	9.81E-01
C22orf15	1.30	3.96E-01	1.00E+00	-0.31	8.41E-01	9.81E-01
FOXO3	-0.05	8.85E-01	1.00E+00	-0.06	8.41E-01	9.81E-01

AL353704.1	0.97	2.90E-01	1.00E+00	0.21	8.41E-01	9.81E-01
FPGT-TNNI3K	0.62	6.95E-01	1.00E+00	-0.55	8.41E-01	9.81E-01
PLEKHH3	-0.35	1.92E-01	1.00E+00	0.13	8.41E-01	9.81E-01
EIF3J	0.08	7.05E-01	1.00E+00	0.05	8.41E-01	9.81E-01
ENTPD1-AS1	-0.14	6.83E-01	1.00E+00	0.06	8.41E-01	9.81E-01
TRIM47	-0.55	2.55E-02	9.29E-01	0.09	8.41E-01	9.81E-01
ABCB6	0.82	8.00E-01	1.00E+00	0.15	8.41E-01	9.81E-01
LINC01504	-0.12	8.64E-01	1.00E+00	0.15	8.41E-01	9.81E-01
P2RY13	0.56	3.03E-01	1.00E+00	0.10	8.41E-01	9.81E-01
TSPEAR	-1.25	1.13E-01	1.00E+00	-0.21	8.41E-01	9.81E-01
BX679664.3	0.03	9.42E-01	1.00E+00	-0.08	8.41E-01	9.81E-01
AC004241.1	0.89	3.93E-01	1.00E+00	-0.11	8.41E-01	9.81E-01
AC009245.1	-0.22	7.23E-01	1.00E+00	0.17	8.41E-01	9.81E-01
FCER2	0.00	9.98E-01	1.00E+00	0.56	8.41E-01	9.81E-01
DDX19A	0.27	2.78E-01	1.00E+00	0.03	8.41E-01	9.81E-01
JMJD1C-AS1	1.32	2.68E-01	1.00E+00	-0.15	8.41E-01	9.81E-01
CLCC1	0.31	2.76E-01	1.00E+00	-0.05	8.41E-01	9.81E-01
FAM162B	0.32	5.31E-01	1.00E+00	0.12	8.42E-01	9.81E-01
TBC1D25	-0.17	4.82E-01	1.00E+00	-0.06	8.42E-01	9.81E-01
STEAP2	0.69	9.41E-02	1.00E+00	-0.08	8.42E-01	9.81E-01
OVOL1	-0.91	2.18E-01	1.00E+00	-0.15	8.42E-01	9.81E-01
LINC00908	0.87	3.28E-02	1.00E+00	0.14	8.42E-01	9.81E-01
MRPS24	0.44	7.79E-01	1.00E+00	0.17	8.42E-01	9.81E-01
ALDH1A1	0.68	1.90E-01	1.00E+00	0.10	8.42E-01	9.81E-01
RN7SL208P	0.02	9.88E-01	1.00E+00	0.17	8.42E-01	9.81E-01
AP000808.2	-0.16	8.84E-01	1.00E+00	-0.25	8.42E-01	9.81E-01
TLCD2	0.09	8.73E-01	1.00E+00	0.09	8.42E-01	9.81E-01
CERNA1	-1.19	4.04E-01	1.00E+00	0.16	8.42E-01	9.81E-01
BTAF1	0.09	8.06E-01	1.00E+00	0.06	8.42E-01	9.81E-01
APEX2	-0.14	5.66E-01	1.00E+00	0.04	8.42E-01	9.81E-01
HMG2P15	0.03	9.74E-01	1.00E+00	0.15	8.42E-01	9.81E-01
NUDT19	-0.16	4.79E-01	1.00E+00	0.07	8.42E-01	9.81E-01

RP11-292B8.1	-0.02	9.69E-01	1.00E+00	0.07	8.42E-01	9.81E-01
BICDL1	-0.14	7.60E-01	1.00E+00	-0.12	8.42E-01	9.81E-01
TBL1XR1	0.42	5.96E-02	1.00E+00	-0.08	8.42E-01	9.81E-01
VSIR	0.13	6.04E-01	1.00E+00	0.05	8.42E-01	9.81E-01
SERP2	-0.15	7.53E-01	1.00E+00	-0.14	8.42E-01	9.81E-01
AC105942.1	0.08	8.84E-01	1.00E+00	-0.17	8.42E-01	9.81E-01
CD27-AS1	0.75	5.44E-02	1.00E+00	-0.06	8.42E-01	9.81E-01
PLEKHN1	-0.09	8.53E-01	1.00E+00	0.12	8.42E-01	9.81E-01
TYW5	0.55	9.74E-02	1.00E+00	0.06	8.43E-01	9.81E-01
HAR1A	0.86	1.72E-01	1.00E+00	0.21	8.43E-01	9.81E-01
STX17-AS1	-0.14	9.51E-01	1.00E+00	-0.15	8.43E-01	9.81E-01
TOB1	-0.40	2.75E-01	1.00E+00	0.09	8.43E-01	9.81E-01
POLG2	0.30	5.22E-01	1.00E+00	0.09	8.43E-01	9.81E-01
ZNF134	0.03	8.82E-01	1.00E+00	-0.04	8.43E-01	9.81E-01
AC092364.2	1.25	7.19E-01	1.00E+00	-0.33	8.43E-01	9.81E-01
CEP55	-0.11	7.52E-01	1.00E+00	-0.15	8.43E-01	9.81E-01
G26738	0.36	8.50E-01	1.00E+00	0.31	8.43E-01	9.81E-01
PMPCB	0.03	8.97E-01	1.00E+00	-0.04	8.43E-01	9.81E-01
G43621	-1.56	6.20E-01	1.00E+00	-0.64	8.43E-01	9.81E-01
BSG	-0.08	6.90E-01	1.00E+00	-0.03	8.43E-01	9.81E-01
UBA1	-0.13	4.49E-01	1.00E+00	0.07	8.43E-01	9.81E-01
CCDC107	0.27	4.66E-01	1.00E+00	-0.10	8.43E-01	9.81E-01
KANK2	0.12	7.84E-01	1.00E+00	0.10	8.43E-01	9.81E-01
ALDH3B2	-0.54	2.97E-01	1.00E+00	0.12	8.43E-01	9.81E-01
ZNF546	1.02	1.92E-01	1.00E+00	0.13	8.43E-01	9.81E-01
ANAPC7	-0.12	5.24E-01	1.00E+00	-0.03	8.43E-01	9.81E-01
NXF3	-2.70	1.69E-01	1.00E+00	-0.33	8.43E-01	9.81E-01
SERPINA5	0.41	5.81E-01	1.00E+00	-0.15	8.43E-01	9.81E-01
G42897	1.17	2.66E-01	1.00E+00	0.12	8.43E-01	9.81E-01
CPNE2	0.21	6.14E-01	1.00E+00	0.11	8.43E-01	9.81E-01
ZNF836	0.05	8.86E-01	1.00E+00	-0.10	8.43E-01	9.81E-01
HYAL1	-0.08	7.88E-01	1.00E+00	-0.05	8.43E-01	9.81E-01

RP9P	0.27	3.92E-01	1.00E+00	0.07	8.44E-01	9.81E-01
IVD	0.41	4.44E-01	1.00E+00	0.08	8.44E-01	9.81E-01
LINC00894	0.47	7.11E-01	1.00E+00	0.18	8.44E-01	9.81E-01
AC009812.1	-0.86	2.26E-01	1.00E+00	0.12	8.44E-01	9.81E-01
AL513321.2	-0.42	6.14E-01	1.00E+00	-0.22	8.44E-01	9.81E-01
ARL9	-0.37	1.63E-01	1.00E+00	0.10	8.44E-01	9.81E-01
XLOC_001061	2.12	1.70E-01	1.00E+00	-0.22	8.44E-01	9.81E-01
AGPAT3	0.13	6.49E-01	1.00E+00	0.09	8.44E-01	9.81E-01
DSTNP1	0.46	4.97E-01	1.00E+00	0.10	8.44E-01	9.81E-01
WDR45B	0.13	5.30E-01	1.00E+00	0.03	8.44E-01	9.81E-01
AL117335.1	0.47	4.90E-01	1.00E+00	-0.16	8.44E-01	9.81E-01
AL353596.1	1.43	2.26E-01	1.00E+00	0.31	8.44E-01	9.81E-01
ARHGAP31-AS1	0.95	3.36E-01	1.00E+00	-0.17	8.44E-01	9.81E-01
LINC01719	0.49	4.07E-01	1.00E+00	0.20	8.44E-01	9.81E-01
LRRN1	-0.63	5.57E-02	1.00E+00	-0.10	8.44E-01	9.81E-01
TAF1A-AS1	2.04	2.68E-01	1.00E+00	0.21	8.44E-01	9.81E-01
NWD2	-0.03	9.64E-01	1.00E+00	0.18	8.44E-01	9.81E-01
TTC21B	0.51	1.19E-01	1.00E+00	-0.06	8.44E-01	9.81E-01
AL136040.1	0.10	8.68E-01	1.00E+00	0.12	8.44E-01	9.81E-01
EMC4	-0.08	6.11E-01	1.00E+00	-0.06	8.44E-01	9.81E-01
PPWD1	0.28	1.70E-01	1.00E+00	-0.05	8.45E-01	9.81E-01
AL022344.2	-0.04	9.29E-01	1.00E+00	0.17	8.45E-01	9.81E-01
APOBEC2	-0.56	5.97E-01	1.00E+00	-0.18	8.45E-01	9.81E-01
GAP43	0.35	9.12E-01	1.00E+00	0.36	8.45E-01	9.81E-01
UTP18	-0.09	7.98E-01	1.00E+00	0.05	8.45E-01	9.81E-01
RPL29P11	0.38	3.32E-01	1.00E+00	-0.09	8.45E-01	9.81E-01
AC002059.2	-2.17	3.26E-01	1.00E+00	-0.19	8.45E-01	9.81E-01
GRIK5	-0.15	7.78E-01	1.00E+00	0.22	8.45E-01	9.81E-01
LRRC37A3	-0.33	3.68E-01	1.00E+00	0.11	8.45E-01	9.81E-01
RASGRP1	-0.39	4.07E-01	1.00E+00	-0.12	8.45E-01	9.81E-01
JAM3	0.09	7.99E-01	1.00E+00	0.09	8.45E-01	9.81E-01
PIK3C3	0.10	6.42E-01	1.00E+00	0.04	8.45E-01	9.81E-01

ASAH2B	0.35	3.48E-01	1.00E+00	0.06	8.45E-01	9.81E-01
ZNF137P	-0.15	8.22E-01	1.00E+00	0.22	8.45E-01	9.81E-01
HOXC13-AS	0.23	5.97E-01	1.00E+00	-0.10	8.45E-01	9.81E-01
CTBP1-DT	-0.37	7.74E-02	1.00E+00	-0.09	8.45E-01	9.81E-01
KHDRBS3	-0.21	5.88E-01	1.00E+00	-0.13	8.45E-01	9.81E-01
AZI2	0.04	8.64E-01	1.00E+00	-0.05	8.45E-01	9.81E-01
LINC02026	-0.43	9.02E-01	1.00E+00	0.19	8.45E-01	9.81E-01
LRRC37A11P	0.07	8.37E-01	1.00E+00	0.13	8.45E-01	9.81E-01
ADAMTS15	0.78	3.15E-01	1.00E+00	0.13	8.45E-01	9.81E-01
DLC1	0.12	7.13E-01	1.00E+00	0.10	8.45E-01	9.81E-01
JRKL	0.10	7.57E-01	1.00E+00	0.05	8.45E-01	9.81E-01
LRCH4	-0.07	7.13E-01	1.00E+00	0.19	8.45E-01	9.81E-01
GPAT2P1	-3.40	9.88E-02	1.00E+00	-0.19	8.45E-01	9.81E-01
PRKD2	-0.35	1.77E-01	1.00E+00	0.09	8.46E-01	9.81E-01
KLHL26	-0.34	1.38E-01	1.00E+00	0.09	8.46E-01	9.81E-01
NUP188	-0.07	7.06E-01	1.00E+00	-0.08	8.46E-01	9.81E-01
HNRNPH2	-0.09	6.86E-01	1.00E+00	-0.03	8.46E-01	9.81E-01
AC093495.1	2.54	7.74E-04	1.37E-01	-0.22	8.46E-01	9.81E-01
BACH2	0.05	9.00E-01	1.00E+00	0.09	8.46E-01	9.81E-01
SEC24A	0.21	3.18E-01	1.00E+00	0.05	8.46E-01	9.81E-01
ZNF239	0.65	3.40E-01	1.00E+00	-0.12	8.46E-01	9.81E-01
AL359232.1	0.03	9.76E-01	1.00E+00	-0.12	8.46E-01	9.81E-01
SLC25A6	-1.83	5.95E-01	1.00E+00	-0.12	8.46E-01	9.81E-01
COPE	-0.26	2.63E-01	1.00E+00	0.06	8.46E-01	9.81E-01
G25497	0.35	8.53E-01	1.00E+00	-0.21	8.46E-01	9.81E-01
QTRT1	-0.39	1.04E-01	1.00E+00	-0.04	8.46E-01	9.81E-01
ANKRD13B	-0.50	1.90E-01	1.00E+00	0.10	8.46E-01	9.81E-01
UBE2C	-0.06	8.57E-01	1.00E+00	-0.10	8.46E-01	9.81E-01
AC126755.1	0.22	7.03E-01	1.00E+00	0.28	8.46E-01	9.81E-01
AC024075.2	0.05	9.29E-01	1.00E+00	0.10	8.46E-01	9.81E-01
RASSF1	0.24	3.70E-01	1.00E+00	0.05	8.46E-01	9.81E-01
AC005162.2	-2.98	1.04E-01	1.00E+00	0.28	8.46E-01	9.81E-01

ARFGAP3	-0.01	9.68E-01	1.00E+00	0.04	8.46E-01	9.81E-01
TAF1C	-0.11	6.61E-01	1.00E+00	0.11	8.46E-01	9.81E-01
TNNT2	0.31	6.18E-01	1.00E+00	0.12	8.46E-01	9.81E-01
AL359094.1	-0.28	8.96E-01	1.00E+00	0.17	8.46E-01	9.81E-01
AC025449.1	0.18	8.32E-01	1.00E+00	0.11	8.46E-01	9.81E-01
AC116535.1	-0.37	7.44E-01	1.00E+00	0.11	8.46E-01	9.81E-01
AL031283.1	-3.07	2.65E-01	1.00E+00	0.26	8.46E-01	9.81E-01
RHOU	0.19	5.54E-01	1.00E+00	0.12	8.47E-01	9.81E-01
SMARCA1	0.06	8.56E-01	1.00E+00	-0.05	8.47E-01	9.81E-01
AC008752.3	1.62	2.54E-01	1.00E+00	0.24	8.47E-01	9.81E-01
ZNF703	-0.34	3.88E-01	1.00E+00	0.10	8.47E-01	9.81E-01
VWA5A	0.17	3.98E-01	1.00E+00	0.05	8.47E-01	9.81E-01
AC106886.4	-0.19	7.97E-01	1.00E+00	0.22	8.47E-01	9.81E-01
NCKIPSD	0.10	6.04E-01	1.00E+00	0.07	8.47E-01	9.81E-01
RPL7P23	0.21	7.13E-01	1.00E+00	0.18	8.47E-01	9.81E-01
UBXN2B	0.14	5.18E-01	1.00E+00	-0.05	8.47E-01	9.81E-01
AL158207.1	-0.25	7.16E-01	1.00E+00	0.11	8.47E-01	9.81E-01
TCAM1P	0.37	7.43E-01	1.00E+00	-0.62	8.47E-01	9.81E-01
AL049647.1	0.27	8.77E-01	1.00E+00	0.23	8.47E-01	9.81E-01
SLC44A4	-0.39	6.03E-01	1.00E+00	-0.11	8.47E-01	9.81E-01
SERPINB7	0.53	3.35E-01	1.00E+00	0.14	8.47E-01	9.81E-01
IGHV3-73	1.49	6.64E-01	1.00E+00	0.62	8.47E-01	9.81E-01
IMPDH2	-0.27	3.43E-01	1.00E+00	0.04	8.47E-01	9.81E-01
INMT	0.56	4.00E-01	1.00E+00	-0.09	8.47E-01	9.81E-01
OGFOD1	-0.15	3.85E-01	1.00E+00	0.03	8.47E-01	9.81E-01
VIT	0.45	2.53E-01	1.00E+00	0.09	8.48E-01	9.81E-01
SLC35B4	0.30	3.98E-01	1.00E+00	0.07	8.48E-01	9.81E-01
AC107959.1	0.79	6.18E-01	1.00E+00	-0.12	8.48E-01	9.81E-01
KRTAP5-5	0.82	7.58E-01	1.00E+00	-0.62	8.48E-01	9.81E-01
AK1	-0.04	9.13E-01	1.00E+00	0.08	8.48E-01	9.81E-01
AL138689.1	-3.69	1.34E-01	1.00E+00	-0.24	8.48E-01	9.81E-01
KRTAP5-7	-1.48	5.52E-01	1.00E+00	-0.62	8.48E-01	9.81E-01

CORO1C	0.14	5.85E-01	1.00E+00	-0.05	8.48E-01	9.81E-01
LINC00921	-0.06	9.06E-01	1.00E+00	-0.11	8.48E-01	9.81E-01
ULK3	0.10	7.64E-01	1.00E+00	-0.07	8.48E-01	9.81E-01
IL22RA1	-0.06	9.24E-01	1.00E+00	0.13	8.48E-01	9.81E-01
AC018868.1	0.02	9.92E-01	1.00E+00	-0.15	8.48E-01	9.81E-01
MRGPRF-AS1	-0.01	9.91E-01	1.00E+00	0.23	8.48E-01	9.81E-01
XPO1	0.05	8.30E-01	1.00E+00	-0.04	8.48E-01	9.81E-01
ADORA2B	0.06	8.69E-01	1.00E+00	-0.10	8.48E-01	9.81E-01
AC011498.7	-0.18	7.99E-01	1.00E+00	-0.20	8.48E-01	9.81E-01
MTHFD1P1	1.07	6.72E-01	1.00E+00	-0.18	8.48E-01	9.81E-01
HIP1R	0.05	8.72E-01	1.00E+00	0.10	8.48E-01	9.81E-01
RASSF8-AS1	0.27	5.46E-01	1.00E+00	0.12	8.48E-01	9.81E-01
AP003392.5	0.12	9.58E-01	1.00E+00	0.25	8.48E-01	9.81E-01
CERS3	0.19	7.01E-01	1.00E+00	0.14	8.48E-01	9.81E-01
RAX	-0.34	6.35E-01	1.00E+00	0.61	8.48E-01	9.81E-01
AC087741.1	0.42	6.80E-01	1.00E+00	0.16	8.48E-01	9.81E-01
AC027607.1	0.32	9.15E-01	1.00E+00	0.23	8.48E-01	9.81E-01
SLC26A4	-0.70	3.99E-01	1.00E+00	-0.40	8.48E-01	9.81E-01
AC010326.4	0.16	8.78E-01	1.00E+00	0.13	8.48E-01	9.81E-01
NLRX1	-0.40	1.22E-01	1.00E+00	0.10	8.48E-01	9.81E-01
XLOC_005573	-1.21	2.26E-01	1.00E+00	0.21	8.48E-01	9.81E-01
FGD5-AS1	0.17	3.83E-01	1.00E+00	-0.05	8.48E-01	9.81E-01
STK32B	0.02	9.67E-01	1.00E+00	0.11	8.48E-01	9.81E-01
SMIM29	0.00	9.91E-01	1.00E+00	0.06	8.48E-01	9.81E-01
GAL3ST4	0.07	7.93E-01	1.00E+00	0.06	8.48E-01	9.81E-01
CEP290	0.00	9.95E-01	1.00E+00	-0.06	8.48E-01	9.81E-01
RP2	0.29	3.98E-01	1.00E+00	0.05	8.48E-01	9.81E-01
AC064801.2	-0.17	9.51E-01	1.00E+00	0.61	8.48E-01	9.81E-01
TIAM1	-0.10	7.78E-01	1.00E+00	0.06	8.48E-01	9.81E-01
XLOC_007377	1.63	1.80E-01	1.00E+00	-0.18	8.48E-01	9.81E-01
UTP20	0.05	8.21E-01	1.00E+00	0.08	8.48E-01	9.81E-01
IL6R-AS1	-3.14	2.32E-03	2.43E-01	0.22	8.49E-01	9.81E-01

GUCD1	0.05	7.38E-01	1.00E+00	-0.09	8.49E-01	9.81E-01
SLC25A30-AS1	0.59	6.71E-01	1.00E+00	0.24	8.49E-01	9.81E-01
BAIAP2L1	0.24	2.71E-01	1.00E+00	0.08	8.49E-01	9.81E-01
PCBP1-AS1	-0.10	7.57E-01	1.00E+00	0.06	8.49E-01	9.81E-01
AC008991.1	-0.46	8.04E-01	1.00E+00	0.23	8.49E-01	9.81E-01
AC100800.1	-1.47	6.70E-01	1.00E+00	0.26	8.49E-01	9.81E-01
DMXL1	-0.01	9.63E-01	1.00E+00	-0.03	8.49E-01	9.81E-01
FAM184A	0.69	1.59E-01	1.00E+00	0.15	8.49E-01	9.81E-01
RSL1D1	-0.10	6.66E-01	1.00E+00	-0.06	8.49E-01	9.81E-01
AL365259.1	-1.07	5.09E-01	1.00E+00	0.22	8.49E-01	9.81E-01
CENPCP1	1.76	6.07E-01	1.00E+00	0.15	8.49E-01	9.81E-01
BANF1P1	-1.42	6.73E-01	1.00E+00	0.23	8.49E-01	9.81E-01
AC083837.1	-0.69	5.70E-01	1.00E+00	-0.22	8.49E-01	9.81E-01
AL136454.1	-0.25	8.18E-01	1.00E+00	-0.15	8.49E-01	9.81E-01
RGL2	0.08	7.09E-01	1.00E+00	0.05	8.49E-01	9.81E-01
AP000763.2	0.00	1.00E+00	NA	-0.61	8.49E-01	9.81E-01
RFC3	0.13	6.54E-01	1.00E+00	0.05	8.49E-01	9.81E-01
CHD1L	0.04	8.53E-01	1.00E+00	-0.03	8.49E-01	9.81E-01
AC106798.1	1.18	3.14E-01	1.00E+00	0.19	8.49E-01	9.81E-01
PLA2G3	-0.09	8.80E-01	1.00E+00	0.15	8.49E-01	9.81E-01
ITGA2	-0.35	8.53E-02	1.00E+00	0.08	8.49E-01	9.81E-01
SAMD14	-0.58	3.12E-01	1.00E+00	0.60	8.49E-01	9.81E-01
DNA2	-0.24	6.63E-01	1.00E+00	0.12	8.49E-01	9.81E-01
BIN1	0.42	4.53E-01	1.00E+00	0.10	8.49E-01	9.81E-01
SRSF1	0.00	9.89E-01	1.00E+00	-0.05	8.50E-01	9.81E-01
AC105001.1	-0.53	6.50E-01	1.00E+00	0.19	8.50E-01	9.81E-01
AL391152.1	-0.46	8.26E-01	1.00E+00	0.61	8.50E-01	9.81E-01
ERP27	0.93	1.78E-01	1.00E+00	-0.12	8.50E-01	9.81E-01
NAPB	-0.80	8.63E-02	1.00E+00	-0.10	8.50E-01	9.81E-01
KLK1	0.46	3.18E-01	1.00E+00	-0.12	8.50E-01	9.81E-01
FAAP20	-0.09	7.41E-01	1.00E+00	-0.07	8.50E-01	9.81E-01
FIBCD1	-1.16	2.37E-01	1.00E+00	0.28	8.50E-01	9.81E-01

TGIF2	0.04	8.65E-01	1.00E+00	-0.08	8.50E-01	9.81E-01
SMIM10L2A	0.01	9.86E-01	1.00E+00	-0.13	8.50E-01	9.81E-01
AHNAK	0.06	7.95E-01	1.00E+00	-0.08	8.50E-01	9.81E-01
RPUSD1	-0.52	8.56E-02	1.00E+00	0.07	8.50E-01	9.81E-01
TBX3	-0.01	9.88E-01	1.00E+00	-0.09	8.50E-01	9.81E-01
YY2	0.30	5.06E-01	1.00E+00	0.07	8.50E-01	9.81E-01
ACSM2A	-1.80	2.38E-01	1.00E+00	-0.31	8.50E-01	9.81E-01
MOB3A	-0.07	7.40E-01	1.00E+00	-0.07	8.50E-01	9.81E-01
XLOC_008005	-1.25	5.54E-01	1.00E+00	0.25	8.50E-01	9.81E-01
ACSF2	0.42	1.95E-01	1.00E+00	0.05	8.50E-01	9.81E-01
PTBP1	-0.34	1.69E-01	1.00E+00	-0.08	8.50E-01	9.81E-01
HOOK2	0.24	4.25E-01	1.00E+00	0.04	8.50E-01	9.81E-01
BTF3P12	NA	NA	NA	-0.22	8.50E-01	9.81E-01
G38166	-2.07	1.13E-01	1.00E+00	0.20	8.50E-01	9.81E-01
PANX2	-0.79	2.42E-01	1.00E+00	0.60	8.50E-01	9.81E-01
ALG10	0.25	5.01E-01	1.00E+00	-0.07	8.50E-01	9.81E-01
EXOC3L1	-0.57	5.10E-02	1.00E+00	0.08	8.50E-01	9.81E-01
MRPL55	-0.08	7.45E-01	1.00E+00	-0.06	8.50E-01	9.81E-01
AL513477.1	-0.81	7.65E-02	1.00E+00	-0.20	8.50E-01	9.81E-01
IL12B	-3.10	3.61E-01	1.00E+00	0.60	8.51E-01	9.81E-01
TRIM3	0.10	6.32E-01	1.00E+00	0.10	8.51E-01	9.81E-01
TMLHE	-0.16	5.06E-01	1.00E+00	-0.04	8.51E-01	9.81E-01
AL139353.2	-0.55	6.85E-01	1.00E+00	-0.13	8.51E-01	9.81E-01
TRAF1	-0.23	6.43E-01	1.00E+00	0.13	8.51E-01	9.81E-01
ADGRG1	-0.35	1.54E-01	1.00E+00	-0.07	8.51E-01	9.81E-01
ALMS1	-0.08	7.04E-01	1.00E+00	0.08	8.51E-01	9.81E-01
UBE3C	0.09	5.96E-01	1.00E+00	0.06	8.51E-01	9.81E-01
RSL24D1P1	NA	NA	NA	0.16	8.51E-01	9.81E-01
OR7E121P	1.17	4.61E-01	1.00E+00	0.21	8.51E-01	9.81E-01
AL162293.1	NA	NA	NA	-0.14	8.51E-01	9.81E-01
IRX3	-0.31	5.13E-01	1.00E+00	-0.10	8.51E-01	9.81E-01
C17orf113	-0.27	4.76E-01	1.00E+00	-0.15	8.51E-01	9.81E-01

CEBPD	-0.37	4.75E-01	1.00E+00	-0.14	8.51E-01	9.81E-01
RITA1	-0.20	4.19E-01	1.00E+00	0.03	8.51E-01	9.81E-01
COL4A5	-0.35	1.93E-01	1.00E+00	-0.07	8.51E-01	9.81E-01
WWP2	-0.22	2.99E-01	1.00E+00	0.07	8.51E-01	9.81E-01
EGR1	-1.58	3.40E-02	1.00E+00	0.11	8.51E-01	9.81E-01
RPL35AP21	NA	NA	NA	0.17	8.51E-01	9.81E-01
BEND7	-0.13	8.40E-01	1.00E+00	-0.13	8.51E-01	9.81E-01
PNMA8A	-0.01	9.80E-01	1.00E+00	0.14	8.51E-01	9.81E-01
AC104260.2	-0.09	9.05E-01	1.00E+00	-0.23	8.51E-01	9.81E-01
AUTS2	-0.39	1.06E-01	1.00E+00	-0.08	8.51E-01	9.81E-01
DPYSL2	0.38	2.89E-01	1.00E+00	-0.07	8.52E-01	9.82E-01
RFWD3	-0.28	1.93E-01	1.00E+00	0.06	8.52E-01	9.82E-01
AL035425.1	-1.45	1.57E-01	1.00E+00	0.24	8.52E-01	9.82E-01
DHFR	-0.39	2.34E-01	1.00E+00	-0.10	8.52E-01	9.82E-01
LINC00173	1.48	3.15E-01	1.00E+00	0.23	8.52E-01	9.82E-01
AL845472.2	-0.41	5.40E-01	1.00E+00	-0.12	8.52E-01	9.82E-01
CLNS1A	0.05	7.86E-01	1.00E+00	0.04	8.52E-01	9.82E-01
KIAA1257	-0.54	2.28E-01	1.00E+00	-0.10	8.52E-01	9.82E-01
BCDIN3D	0.54	1.35E-01	1.00E+00	-0.07	8.52E-01	9.82E-01
MUC4	-1.90	2.61E-01	1.00E+00	-0.25	8.52E-01	9.82E-01
NOP14	-0.35	2.21E-01	1.00E+00	-0.08	8.52E-01	9.82E-01
AC022440.1	-0.71	7.14E-01	1.00E+00	-0.60	8.52E-01	9.82E-01
SGSM3	-1.27	7.07E-01	1.00E+00	0.13	8.52E-01	9.82E-01
CSPG4P8	-2.44	4.43E-02	1.00E+00	-0.21	8.52E-01	9.82E-01
G4754	1.05	5.30E-02	1.00E+00	0.08	8.52E-01	9.82E-01
GOT2P3	-1.84	5.95E-01	1.00E+00	0.17	8.52E-01	9.82E-01
PDZD9	0.66	7.03E-01	1.00E+00	-0.31	8.52E-01	9.82E-01
HIST1H4C	-1.84	3.87E-02	1.00E+00	-0.58	8.52E-01	9.82E-01
FTO	-0.04	8.76E-01	1.00E+00	-0.06	8.53E-01	9.82E-01
DPT	1.66	4.00E-03	3.52E-01	-0.11	8.53E-01	9.82E-01
TMED7	0.14	5.52E-01	1.00E+00	-0.04	8.53E-01	9.82E-01
NR2F1-AS1	0.40	5.34E-01	1.00E+00	-0.13	8.53E-01	9.82E-01

KRT40	0.11	9.57E-01	1.00E+00	-0.59	8.53E-01	9.82E-01
TADA2A	-0.43	6.67E-02	1.00E+00	0.07	8.53E-01	9.82E-01
RASEF	0.37	4.10E-01	1.00E+00	0.09	8.53E-01	9.82E-01
AL355001.2	-0.52	9.29E-02	1.00E+00	0.10	8.53E-01	9.82E-01
TMEM144	-0.38	1.16E-01	1.00E+00	-0.05	8.53E-01	9.82E-01
DNAJC6	-1.03	3.83E-02	1.00E+00	-0.12	8.53E-01	9.82E-01
G34428	-0.69	3.78E-01	1.00E+00	-0.15	8.53E-01	9.82E-01
AC005730.2	-0.96	4.68E-01	1.00E+00	-0.24	8.53E-01	9.82E-01
RPL36A	-1.29	1.21E-01	1.00E+00	-0.08	8.53E-01	9.82E-01
KAT6A	-0.08	7.36E-01	1.00E+00	-0.08	8.53E-01	9.82E-01
G5880	-1.45	5.40E-01	1.00E+00	-0.35	8.53E-01	9.82E-01
AL451074.6	-0.20	9.53E-01	1.00E+00	-0.29	8.53E-01	9.82E-01
AC008966.2	1.65	4.67E-01	1.00E+00	0.23	8.53E-01	9.82E-01
KRTAP10-7	-0.56	8.70E-01	1.00E+00	-0.59	8.53E-01	9.82E-01
TDRD7	0.23	5.82E-01	1.00E+00	0.12	8.54E-01	9.82E-01
DNAJB9	-0.11	6.86E-01	1.00E+00	-0.06	8.54E-01	9.82E-01
SMN1	0.26	3.72E-01	1.00E+00	-0.04	8.54E-01	9.82E-01
TKT	0.00	9.99E-01	1.00E+00	0.07	8.54E-01	9.82E-01
CCDC6	-0.01	9.56E-01	1.00E+00	-0.04	8.54E-01	9.82E-01
C3orf79	-0.48	8.79E-01	1.00E+00	-0.28	8.54E-01	9.82E-01
C1QBP	-0.30	1.04E-01	1.00E+00	-0.04	8.54E-01	9.82E-01
C8orf31	0.89	3.31E-01	1.00E+00	0.52	8.54E-01	9.82E-01
UBBP4	0.46	4.06E-01	1.00E+00	-0.10	8.54E-01	9.82E-01
PRR5L	0.32	5.44E-01	1.00E+00	0.14	8.54E-01	9.82E-01
KRTAP4-4	-29.80	1.11E-17	8.83E-15	-0.59	8.54E-01	9.82E-01
FBN3	0.05	9.67E-01	1.00E+00	0.34	8.54E-01	9.82E-01
PDCD1	-2.18	3.28E-02	1.00E+00	0.58	8.54E-01	9.82E-01
ZNF180	0.09	7.38E-01	1.00E+00	0.05	8.54E-01	9.82E-01
ST6GALNAC3	0.77	1.10E-01	1.00E+00	0.10	8.54E-01	9.82E-01
AL391097.2	0.25	9.27E-01	1.00E+00	-0.20	8.54E-01	9.82E-01
ARPC3	-0.12	5.79E-01	1.00E+00	0.03	8.54E-01	9.82E-01
G2196	-1.19	2.32E-01	1.00E+00	-0.17	8.54E-01	9.82E-01

PRELID1P1	1.02	7.67E-01	1.00E+00	-0.11	8.54E-01	9.82E-01
DSP	-0.26	5.50E-01	1.00E+00	-0.10	8.54E-01	9.82E-01
OPHN1	0.29	3.86E-01	1.00E+00	-0.09	8.54E-01	9.82E-01
HASPIN	-0.42	5.25E-01	1.00E+00	0.15	8.54E-01	9.82E-01
TSR1	-0.09	6.88E-01	1.00E+00	0.04	8.54E-01	9.82E-01
NOP53	-0.21	5.13E-01	1.00E+00	0.14	8.55E-01	9.82E-01
PRR26	0.30	6.74E-01	1.00E+00	0.42	8.55E-01	9.82E-01
G42804	-2.08	1.92E-01	1.00E+00	-0.25	8.55E-01	9.82E-01
EXOC2	-0.09	6.27E-01	1.00E+00	0.03	8.55E-01	9.82E-01
KLHL21	-0.13	6.55E-01	1.00E+00	0.07	8.55E-01	9.82E-01
SUDS3P1	0.01	9.96E-01	1.00E+00	-0.09	8.55E-01	9.82E-01
C5orf38	-0.21	5.81E-01	1.00E+00	0.11	8.55E-01	9.82E-01
AF064858.1	-0.31	7.08E-01	1.00E+00	-0.13	8.55E-01	9.82E-01
NRGN	-1.40	4.79E-02	1.00E+00	0.12	8.55E-01	9.82E-01
AC104667.2	0.21	8.80E-01	1.00E+00	0.18	8.55E-01	9.82E-01
IQCH	-0.29	5.74E-01	1.00E+00	-0.12	8.55E-01	9.82E-01
EML5	0.88	2.05E-01	1.00E+00	0.21	8.55E-01	9.82E-01
ACTR3	0.15	6.10E-01	1.00E+00	0.03	8.55E-01	9.82E-01
HAS2-AS1	-0.79	3.91E-01	1.00E+00	-0.13	8.55E-01	9.82E-01
GPALPP1	-0.12	4.98E-01	1.00E+00	-0.03	8.55E-01	9.82E-01
CASP1P2	-0.50	5.03E-01	1.00E+00	-0.13	8.55E-01	9.82E-01
CCDC144A	-3.24	2.97E-02	9.97E-01	-0.23	8.55E-01	9.82E-01
RPS26P13	0.25	9.42E-01	1.00E+00	0.16	8.55E-01	9.82E-01
LTF	-1.99	9.95E-02	1.00E+00	-0.57	8.55E-01	9.82E-01
IL1RN	0.17	6.72E-01	1.00E+00	-0.09	8.55E-01	9.82E-01
AP005264.7	-1.18	4.29E-01	1.00E+00	0.20	8.56E-01	9.82E-01
LRRC29	0.00	9.98E-01	1.00E+00	0.07	8.56E-01	9.82E-01
LINC00484	-0.83	5.24E-01	1.00E+00	0.10	8.56E-01	9.82E-01
SERPINB10	-0.12	8.56E-01	1.00E+00	0.15	8.56E-01	9.82E-01
ZNF688	-0.11	6.39E-01	1.00E+00	-0.10	8.56E-01	9.82E-01
BRD3OS	-0.12	6.95E-01	1.00E+00	0.05	8.56E-01	9.82E-01
GARNL3	-0.04	9.21E-01	1.00E+00	-0.08	8.56E-01	9.82E-01

GPRC5D-AS1	0.35	4.04E-01	1.00E+00	0.10	8.56E-01	9.82E-01
ANO9	-0.18	7.54E-01	1.00E+00	-0.11	8.56E-01	9.82E-01
FAM214A	0.19	4.60E-01	1.00E+00	0.04	8.56E-01	9.82E-01
LINC02257	-1.52	6.58E-01	1.00E+00	0.31	8.56E-01	9.82E-01
AC018628.2	-0.10	9.77E-01	1.00E+00	0.17	8.56E-01	9.82E-01
ADGRB3	-0.39	5.29E-01	1.00E+00	0.13	8.56E-01	9.82E-01
PALLD	-0.26	4.68E-01	1.00E+00	0.05	8.56E-01	9.82E-01
OR7C1	0.32	7.27E-01	1.00E+00	0.14	8.56E-01	9.82E-01
EREG	-0.27	7.42E-01	1.00E+00	-0.13	8.56E-01	9.82E-01
TMEM185B	0.09	7.23E-01	1.00E+00	-0.10	8.56E-01	9.82E-01
XLOC_009185	-1.35	9.47E-02	1.00E+00	-0.12	8.56E-01	9.82E-01
LINC01547	-0.55	9.67E-02	1.00E+00	-0.07	8.56E-01	9.82E-01
AL353662.1	3.43	3.01E-01	1.00E+00	-0.31	8.56E-01	9.82E-01
G39423	0.36	7.16E-01	1.00E+00	0.17	8.56E-01	9.82E-01
HEXIM2	0.06	9.24E-01	1.00E+00	0.07	8.56E-01	9.82E-01
SPDYE1	0.81	5.81E-01	1.00E+00	0.14	8.56E-01	9.82E-01
RSPO1	0.14	6.22E-01	1.00E+00	-0.11	8.56E-01	9.82E-01
AL513175.1	-0.06	9.86E-01	1.00E+00	-0.13	8.56E-01	9.82E-01
FABP6	0.23	8.28E-01	1.00E+00	0.16	8.56E-01	9.82E-01
AC136632.1	0.06	9.31E-01	1.00E+00	0.09	8.57E-01	9.82E-01
CKAP5	-0.14	3.67E-01	1.00E+00	-0.04	8.57E-01	9.82E-01
AC117489.1	0.14	8.82E-01	1.00E+00	0.20	8.57E-01	9.82E-01
AC127502.2	0.03	9.55E-01	1.00E+00	0.13	8.57E-01	9.82E-01
HIST2H2BD	-0.63	5.88E-01	1.00E+00	-0.10	8.57E-01	9.82E-01
AC100801.1	1.58	6.44E-01	1.00E+00	0.22	8.57E-01	9.82E-01
G3148	-2.68	2.78E-01	1.00E+00	-0.24	8.57E-01	9.82E-01
PRPSAP2	-0.02	9.20E-01	1.00E+00	0.04	8.57E-01	9.82E-01
BACH1	-0.08	8.08E-01	1.00E+00	0.05	8.57E-01	9.82E-01
STOML3	-1.67	3.44E-01	1.00E+00	0.30	8.57E-01	9.82E-01
LRRC37A17P	0.29	5.07E-01	1.00E+00	-0.08	8.57E-01	9.82E-01
EIF2AK4	-0.03	8.76E-01	1.00E+00	0.06	8.57E-01	9.82E-01
FZD1	0.04	9.19E-01	1.00E+00	0.09	8.57E-01	9.82E-01

MYO16	0.58	4.84E-01	1.00E+00	0.16	8.57E-01	9.82E-01
CLCN1	-1.52	3.11E-01	1.00E+00	0.21	8.57E-01	9.82E-01
GYPC	0.50	2.59E-01	1.00E+00	0.08	8.57E-01	9.82E-01
ZNF665	0.03	9.28E-01	1.00E+00	-0.08	8.57E-01	9.82E-01
BLMH	-0.25	6.57E-01	1.00E+00	-0.09	8.57E-01	9.82E-01
FLNC	-0.40	4.95E-01	1.00E+00	0.13	8.57E-01	9.82E-01
ZNF714	-0.17	6.62E-01	1.00E+00	0.07	8.57E-01	9.82E-01
RANGAP1	-0.26	4.59E-01	1.00E+00	0.08	8.57E-01	9.82E-01
MIR203	-0.51	5.93E-01	1.00E+00	0.24	8.57E-01	9.82E-01
RP11-111G23.1	0.09	8.93E-01	1.00E+00	0.10	8.57E-01	9.82E-01
CPSF3	0.15	5.03E-01	1.00E+00	-0.04	8.57E-01	9.82E-01
MZF1-AS1	-0.65	2.43E-01	1.00E+00	-0.08	8.57E-01	9.82E-01
ABCC4	-0.54	1.73E-01	1.00E+00	-0.07	8.57E-01	9.82E-01
MRPS34	-0.18	4.57E-01	1.00E+00	-0.04	8.58E-01	9.82E-01
AC025678.3	-2.49	1.91E-01	1.00E+00	0.14	8.58E-01	9.82E-01
AC007743.1	0.77	2.44E-01	1.00E+00	0.14	8.58E-01	9.82E-01
NDC80	-0.17	6.23E-01	1.00E+00	0.07	8.58E-01	9.82E-01
AC135178.5	-1.11	2.89E-01	1.00E+00	0.16	8.58E-01	9.82E-01
AL035587.1	-0.71	3.44E-01	1.00E+00	0.11	8.58E-01	9.82E-01
KRTAP19-3	-0.76	8.28E-01	1.00E+00	0.57	8.58E-01	9.82E-01
ANK3	-0.10	7.54E-01	1.00E+00	-0.07	8.58E-01	9.82E-01
PPM1A	0.05	8.24E-01	1.00E+00	0.04	8.58E-01	9.82E-01
LSM2	-0.18	2.93E-01	1.00E+00	-0.04	8.58E-01	9.82E-01
TOMM20	0.04	8.34E-01	1.00E+00	-0.02	8.58E-01	9.82E-01
ZNF681	0.48	2.38E-01	1.00E+00	-0.10	8.58E-01	9.82E-01
FOXF1	-0.65	4.66E-01	1.00E+00	0.56	8.58E-01	9.82E-01
MSL3P1	-2.84	1.12E-01	1.00E+00	0.16	8.58E-01	9.82E-01
AC092597.1	-0.33	8.68E-01	1.00E+00	0.18	8.58E-01	9.82E-01
GLB1L2	0.14	6.82E-01	1.00E+00	0.06	8.58E-01	9.82E-01
AC116351.2	0.00	9.95E-01	1.00E+00	0.18	8.58E-01	9.82E-01
AL031717.1	-0.68	7.65E-01	1.00E+00	-0.26	8.58E-01	9.82E-01
CASK	-0.06	7.94E-01	1.00E+00	-0.07	8.58E-01	9.82E-01

KCNS3	0.12	5.73E-01	1.00E+00	-0.05	8.58E-01	9.82E-01
XLOC_014104	-1.94	1.31E-02	7.22E-01	-0.12	8.58E-01	9.82E-01
GUSBP5	0.28	6.87E-01	1.00E+00	-0.09	8.58E-01	9.82E-01
PAEP	-1.69	3.24E-01	1.00E+00	0.26	8.58E-01	9.82E-01
AC093535.1	1.96	2.25E-01	1.00E+00	-0.15	8.58E-01	9.82E-01
MIR210	-1.13	3.81E-01	1.00E+00	-0.25	8.59E-01	9.82E-01
FITM2	0.23	3.90E-01	1.00E+00	0.06	8.59E-01	9.82E-01
SNHG5	0.01	9.92E-01	1.00E+00	0.08	8.59E-01	9.82E-01
NUP35	0.15	5.60E-01	1.00E+00	-0.06	8.59E-01	9.82E-01
RALBP1	0.18	5.11E-01	1.00E+00	0.05	8.59E-01	9.82E-01
SNCA	0.04	8.83E-01	1.00E+00	-0.07	8.59E-01	9.82E-01
KIAA1211L	-0.35	1.43E-01	1.00E+00	-0.12	8.59E-01	9.82E-01
ABCA10	0.65	4.09E-01	1.00E+00	-0.11	8.59E-01	9.82E-01
CDH19	0.23	6.37E-01	1.00E+00	0.08	8.59E-01	9.82E-01
TMCO4	-0.22	5.38E-01	1.00E+00	0.09	8.59E-01	9.82E-01
PAFAH1B2	0.23	2.92E-01	1.00E+00	-0.05	8.59E-01	9.82E-01
GGH	0.12	7.78E-01	1.00E+00	-0.07	8.59E-01	9.82E-01
AC020978.7	-0.30	9.25E-01	1.00E+00	-0.23	8.59E-01	9.82E-01
NCK2	-0.21	2.99E-01	1.00E+00	0.08	8.59E-01	9.82E-01
XLOC_007348	0.65	1.85E-01	1.00E+00	-0.13	8.59E-01	9.82E-01
AC133552.5	-0.21	6.27E-01	1.00E+00	0.07	8.59E-01	9.82E-01
SNORA84	NA	NA	NA	-0.19	8.59E-01	9.82E-01
THRB-AS1	0.24	8.18E-01	1.00E+00	-0.12	8.59E-01	9.82E-01
CD44	-0.25	3.04E-01	1.00E+00	0.04	8.59E-01	9.82E-01
AC092902.5	2.11	2.27E-01	1.00E+00	0.15	8.59E-01	9.82E-01
ADCY4	0.04	9.27E-01	1.00E+00	-0.12	8.59E-01	9.82E-01
C19orf54	-0.33	2.03E-01	1.00E+00	0.07	8.59E-01	9.82E-01
NUP43	0.15	6.73E-01	1.00E+00	-0.06	8.59E-01	9.82E-01
TTC36	0.86	5.24E-01	1.00E+00	0.19	8.59E-01	9.82E-01
ZNF775	-0.23	5.58E-01	1.00E+00	0.16	8.60E-01	9.82E-01
NOP16	-0.35	3.46E-01	1.00E+00	0.06	8.60E-01	9.82E-01
SCD5	-0.13	7.46E-01	1.00E+00	-0.07	8.60E-01	9.82E-01

AC243960.3	-3.61	1.33E-02	7.22E-01	0.41	8.60E-01	9.82E-01
MYBL2	-0.65	6.30E-02	1.00E+00	0.12	8.60E-01	9.82E-01
AC139795.1	-0.16	7.06E-01	1.00E+00	0.11	8.60E-01	9.82E-01
RBMS1	0.09	6.50E-01	1.00E+00	-0.04	8.60E-01	9.82E-01
YWHAQP6	1.39	6.86E-01	1.00E+00	-0.18	8.60E-01	9.82E-01
AC136475.3	-1.85	1.76E-01	1.00E+00	0.19	8.60E-01	9.82E-01
GPBP1L1	0.10	6.57E-01	1.00E+00	-0.03	8.60E-01	9.82E-01
AL138689.2	-0.80	7.75E-01	1.00E+00	-0.19	8.60E-01	9.82E-01
KRTAP4-11	-1.17	6.78E-01	1.00E+00	-0.57	8.60E-01	9.82E-01
POU6F1	-0.43	1.13E-01	1.00E+00	0.09	8.60E-01	9.82E-01
GAS6-DT	0.17	7.04E-01	1.00E+00	-0.07	8.60E-01	9.82E-01
SOX13	0.09	8.36E-01	1.00E+00	0.13	8.60E-01	9.82E-01
MDM4	0.08	8.16E-01	1.00E+00	0.05	8.60E-01	9.82E-01
G42644	1.18	4.65E-01	1.00E+00	-0.17	8.60E-01	9.82E-01
C3orf52	0.38	3.92E-01	1.00E+00	0.11	8.60E-01	9.82E-01
TTC9B	-3.77	1.01E-04	2.46E-02	0.18	8.60E-01	9.82E-01
AC073621.1	0.49	6.84E-01	1.00E+00	-0.23	8.60E-01	9.82E-01
AKR1E2	0.02	9.60E-01	1.00E+00	0.10	8.60E-01	9.82E-01
OTUD4	0.10	6.98E-01	1.00E+00	0.06	8.60E-01	9.82E-01
CDC42EP2	0.56	8.71E-01	1.00E+00	-0.19	8.61E-01	9.82E-01
GABRB2	0.02	9.79E-01	1.00E+00	-0.54	8.61E-01	9.82E-01
PPFIA1	0.11	5.98E-01	1.00E+00	0.05	8.61E-01	9.82E-01
RHOQP2	-0.92	3.30E-01	1.00E+00	-0.13	8.61E-01	9.82E-01
CUTC	0.14	6.36E-01	1.00E+00	-0.05	8.61E-01	9.82E-01
ARHGEF6	1.07	8.68E-02	1.00E+00	0.10	8.61E-01	9.82E-01
CSRNP1	-0.92	2.00E-01	1.00E+00	-0.10	8.61E-01	9.82E-01
NRAV	0.32	1.17E-01	1.00E+00	0.04	8.61E-01	9.82E-01
AC007920.2	-0.03	9.74E-01	1.00E+00	0.16	8.61E-01	9.82E-01
SPATA20	-0.38	4.66E-01	1.00E+00	0.06	8.61E-01	9.82E-01
LACTB2-AS1	0.63	8.54E-01	1.00E+00	-0.17	8.61E-01	9.82E-01
KANSL3	0.20	5.08E-01	1.00E+00	0.07	8.61E-01	9.82E-01
SGCE	0.60	1.52E-01	1.00E+00	-0.07	8.61E-01	9.82E-01

DNAH17	-1.04	1.01E-01	1.00E+00	0.13	8.61E-01	9.82E-01
RNF225	-0.53	4.33E-01	1.00E+00	-0.55	8.61E-01	9.82E-01
EFCAB14	0.08	5.74E-01	1.00E+00	0.03	8.61E-01	9.82E-01
AC024145.1	0.26	7.97E-01	1.00E+00	0.13	8.61E-01	9.82E-01
NAB1	0.37	2.94E-01	1.00E+00	0.04	8.61E-01	9.83E-01
BLOC1S1-RDH5	-1.36	3.21E-01	1.00E+00	0.13	8.61E-01	9.83E-01
SMPD4	-0.34	1.89E-01	1.00E+00	0.07	8.61E-01	9.83E-01
NSUN3	-0.04	8.81E-01	1.00E+00	-0.04	8.61E-01	9.83E-01
HEATR5B	0.18	4.80E-01	1.00E+00	0.06	8.61E-01	9.83E-01
PRRT3	-0.31	2.69E-01	1.00E+00	-0.06	8.61E-01	9.83E-01
ASPSCR1	-0.33	2.42E-01	1.00E+00	-0.08	8.61E-01	9.83E-01
AC027559.1	1.22	2.55E-01	1.00E+00	-0.13	8.61E-01	9.83E-01
AC104574.2	0.76	8.27E-01	1.00E+00	0.21	8.62E-01	9.83E-01
CIAO2B	-0.10	5.44E-01	1.00E+00	0.04	8.62E-01	9.83E-01
VPS26C	0.16	3.80E-01	1.00E+00	-0.03	8.62E-01	9.83E-01
RPS26P8	1.42	2.68E-01	1.00E+00	0.15	8.62E-01	9.83E-01
SUB1P1	-1.08	3.25E-01	1.00E+00	0.13	8.62E-01	9.83E-01
AC108134.3	0.69	2.09E-01	1.00E+00	0.16	8.62E-01	9.83E-01
LINC00958	-0.24	6.83E-01	1.00E+00	-0.11	8.62E-01	9.83E-01
GGA2	0.10	7.04E-01	1.00E+00	-0.06	8.62E-01	9.83E-01
HEY2	0.06	9.13E-01	1.00E+00	0.09	8.62E-01	9.83E-01
IDE	0.04	9.48E-01	1.00E+00	-0.06	8.62E-01	9.83E-01
AC116565.1	-1.16	1.75E-02	8.33E-01	0.17	8.62E-01	9.83E-01
MMACHC	-0.18	5.85E-01	1.00E+00	0.08	8.62E-01	9.83E-01
AL136981.2	-0.36	6.84E-01	1.00E+00	-0.15	8.62E-01	9.83E-01
LY6D	-0.19	6.84E-01	1.00E+00	-0.12	8.62E-01	9.83E-01
SRP14	0.13	3.69E-01	1.00E+00	-0.04	8.62E-01	9.83E-01
C1orf116	0.16	5.17E-01	1.00E+00	-0.09	8.62E-01	9.83E-01
PITPNA-AS1	-0.18	9.33E-01	1.00E+00	-0.14	8.62E-01	9.83E-01
BPI	-1.27	7.07E-01	1.00E+00	-0.34	8.63E-01	9.83E-01
GSG1	1.59	3.90E-01	1.00E+00	0.13	8.63E-01	9.83E-01
YWHAZ	-0.14	6.46E-01	1.00E+00	-0.03	8.63E-01	9.83E-01

G24891	-0.45	4.33E-01	1.00E+00	0.11	8.63E-01	9.83E-01
XLOC_003061	0.78	3.53E-01	1.00E+00	0.40	8.63E-01	9.83E-01
TRIAP1	0.12	6.71E-01	1.00E+00	-0.06	8.63E-01	9.83E-01
LINC02407	0.78	7.44E-01	1.00E+00	0.24	8.63E-01	9.83E-01
RFC2	-0.20	4.14E-01	1.00E+00	-0.04	8.63E-01	9.83E-01
XLOC_001532	-0.44	6.31E-01	1.00E+00	-0.18	8.63E-01	9.83E-01
DDX10	-0.11	6.59E-01	1.00E+00	-0.04	8.63E-01	9.83E-01
SLURP1	-0.17	7.66E-01	1.00E+00	0.14	8.63E-01	9.83E-01
CORO2B	-0.04	9.21E-01	1.00E+00	-0.10	8.63E-01	9.83E-01
SLC2A12	-0.08	8.06E-01	1.00E+00	-0.11	8.63E-01	9.83E-01
RPS20P22	1.44	3.49E-01	1.00E+00	0.18	8.63E-01	9.83E-01
DNAJC3	0.06	7.53E-01	1.00E+00	-0.04	8.63E-01	9.83E-01
XLOC_001460	2.49	4.64E-01	1.00E+00	0.35	8.63E-01	9.83E-01
ZFHX2-AS1	1.04	5.07E-01	1.00E+00	0.14	8.63E-01	9.83E-01
XLOC_002433	0.26	8.70E-01	1.00E+00	0.20	8.63E-01	9.83E-01
RPL17P36	-0.09	9.72E-01	1.00E+00	-0.14	8.63E-01	9.83E-01
PTPN2	0.06	7.35E-01	1.00E+00	-0.03	8.63E-01	9.83E-01
CSNK2A3	-0.03	9.82E-01	1.00E+00	0.07	8.63E-01	9.83E-01
KLHL34	0.19	7.78E-01	1.00E+00	0.20	8.63E-01	9.83E-01
AC090616.6	-0.71	5.41E-01	1.00E+00	-0.14	8.64E-01	9.83E-01
AC009506.1	-0.12	7.48E-01	1.00E+00	0.05	8.64E-01	9.83E-01
CUL1	-0.11	5.83E-01	1.00E+00	-0.02	8.64E-01	9.83E-01
AC090673.1	-0.41	8.13E-01	1.00E+00	-0.17	8.64E-01	9.83E-01
C16orf89	0.57	5.78E-01	1.00E+00	-0.41	8.64E-01	9.83E-01
AL117379.1	0.63	4.71E-01	1.00E+00	-0.16	8.64E-01	9.84E-01
AC009065.8	0.14	9.02E-01	1.00E+00	-0.16	8.64E-01	9.84E-01
G10911	-1.01	2.72E-01	1.00E+00	0.26	8.64E-01	9.84E-01
RAMAC	0.20	5.48E-01	1.00E+00	0.07	8.64E-01	9.84E-01
AL031283.3	-2.67	2.24E-01	1.00E+00	0.23	8.64E-01	9.84E-01
PCDHB4	-0.19	6.96E-01	1.00E+00	-0.10	8.64E-01	9.84E-01
PLPP2	-0.13	7.49E-01	1.00E+00	-0.06	8.65E-01	9.84E-01
FMO1	-0.39	4.11E-01	1.00E+00	-0.09	8.65E-01	9.84E-01

AL158163.1	0.33	7.52E-01	1.00E+00	-0.13	8.65E-01	9.84E-01
LGALSL-DT	0.08	9.11E-01	1.00E+00	0.14	8.65E-01	9.84E-01
SEMA4F	0.33	4.08E-01	1.00E+00	0.11	8.65E-01	9.84E-01
ATP2A3	0.28	7.29E-01	1.00E+00	-0.12	8.65E-01	9.84E-01
OVCH2	-0.27	7.88E-01	1.00E+00	0.14	8.65E-01	9.84E-01
MAB21L4	-0.54	2.40E-01	1.00E+00	0.11	8.65E-01	9.84E-01
CFAP97D1	-0.10	9.73E-01	1.00E+00	-0.33	8.65E-01	9.84E-01
TMEM154	0.17	7.08E-01	1.00E+00	-0.09	8.65E-01	9.84E-01
PRKD3	0.54	2.12E-02	8.94E-01	-0.06	8.65E-01	9.84E-01
TRIM58	0.18	8.00E-01	1.00E+00	-0.15	8.65E-01	9.84E-01
AL096870.2	-2.28	1.52E-01	1.00E+00	0.12	8.65E-01	9.84E-01
ASGR2	0.19	7.28E-01	1.00E+00	0.08	8.65E-01	9.84E-01
TONSL	-0.58	3.86E-02	1.00E+00	0.10	8.65E-01	9.84E-01
AUP1	-0.21	3.71E-01	1.00E+00	-0.03	8.65E-01	9.84E-01
AC010889.1	0.15	9.65E-01	1.00E+00	0.32	8.65E-01	9.84E-01
OCEL1	0.20	5.73E-01	1.00E+00	0.05	8.65E-01	9.84E-01
MAP1B	0.16	6.81E-01	1.00E+00	-0.06	8.65E-01	9.84E-01
RSL24D1	0.13	5.79E-01	1.00E+00	-0.05	8.66E-01	9.84E-01
AP3B2	-1.91	2.78E-05	7.87E-03	-0.13	8.66E-01	9.84E-01
LINC02518	-1.12	3.87E-01	1.00E+00	0.18	8.66E-01	9.84E-01
TCP1	0.00	9.96E-01	1.00E+00	-0.03	8.66E-01	9.84E-01
DNAJC14	0.00	9.90E-01	1.00E+00	-0.05	8.66E-01	9.84E-01
RPN2	-0.05	7.44E-01	1.00E+00	0.02	8.66E-01	9.84E-01
LINC00639	0.80	3.10E-01	1.00E+00	0.21	8.66E-01	9.84E-01
KMT2A	-0.11	6.33E-01	1.00E+00	0.06	8.66E-01	9.84E-01
P4HB	-0.07	7.26E-01	1.00E+00	0.04	8.66E-01	9.84E-01
NBEA	0.25	6.58E-01	1.00E+00	0.09	8.66E-01	9.84E-01
AL137077.2	0.78	2.73E-01	1.00E+00	-0.16	8.66E-01	9.84E-01
AC005383.1	-0.19	8.68E-01	1.00E+00	0.20	8.66E-01	9.84E-01
AL360270.1	0.12	8.95E-01	1.00E+00	0.15	8.66E-01	9.84E-01
RIF1	-0.10	6.75E-01	1.00E+00	-0.04	8.66E-01	9.84E-01
KLC2	-0.57	9.33E-03	6.05E-01	-0.09	8.66E-01	9.84E-01

WDR70	0.06	7.57E-01	1.00E+00	-0.02	8.66E-01	9.84E-01
AC068338.2	0.23	6.23E-01	1.00E+00	-0.08	8.66E-01	9.84E-01
PCDHGA8	-1.05	1.57E-01	1.00E+00	0.15	8.66E-01	9.84E-01
TMCC3	0.01	9.75E-01	1.00E+00	0.06	8.66E-01	9.84E-01
ARMC4	0.29	7.58E-01	1.00E+00	0.45	8.66E-01	9.84E-01
ZNF524	0.05	8.35E-01	1.00E+00	0.04	8.66E-01	9.84E-01
KCTD13	-0.54	6.03E-02	1.00E+00	-0.06	8.67E-01	9.84E-01
DOK7	-2.06	4.85E-02	1.00E+00	0.17	8.67E-01	9.84E-01
SYNJ1	-0.28	5.16E-01	1.00E+00	0.09	8.67E-01	9.84E-01
GNPNAT1	-0.19	3.83E-01	1.00E+00	-0.04	8.67E-01	9.84E-01
LINC02202	0.86	9.78E-02	1.00E+00	0.09	8.67E-01	9.84E-01
TTLL4	-0.41	8.02E-02	1.00E+00	0.09	8.67E-01	9.84E-01
ABI2	0.14	6.20E-01	1.00E+00	-0.03	8.67E-01	9.84E-01
MBIP	0.03	8.98E-01	1.00E+00	-0.06	8.67E-01	9.84E-01
COL25A1	-0.14	8.16E-01	1.00E+00	0.13	8.67E-01	9.84E-01
HAGLR	-0.19	7.23E-01	1.00E+00	0.12	8.67E-01	9.84E-01
NDUFS8	0.02	9.49E-01	1.00E+00	-0.05	8.67E-01	9.84E-01
PRR14L	-0.13	5.08E-01	1.00E+00	-0.04	8.67E-01	9.84E-01
RELN	0.41	4.45E-01	1.00E+00	0.11	8.67E-01	9.84E-01
CRYZ	-0.13	6.28E-01	1.00E+00	0.05	8.67E-01	9.84E-01
AC005072.1	0.92	6.30E-01	1.00E+00	-0.17	8.67E-01	9.84E-01
AC020571.1	1.86	1.37E-01	1.00E+00	0.17	8.67E-01	9.84E-01
AC100830.1	-0.47	6.52E-01	1.00E+00	-0.19	8.67E-01	9.84E-01
CENPL	-0.11	6.62E-01	1.00E+00	-0.06	8.67E-01	9.84E-01
CCDC84	0.10	8.27E-01	1.00E+00	-0.05	8.67E-01	9.84E-01
XLOC_009389	-0.96	1.80E-01	1.00E+00	0.14	8.67E-01	9.84E-01
AC096720.2	-0.32	9.09E-01	1.00E+00	0.20	8.67E-01	9.84E-01
COPZ1	0.00	9.99E-01	1.00E+00	0.02	8.67E-01	9.84E-01
AC009090.6	-0.44	7.40E-01	1.00E+00	-0.16	8.67E-01	9.84E-01
ZBTB1	0.13	5.54E-01	1.00E+00	-0.03	8.68E-01	9.84E-01
AC007728.3	-0.28	8.87E-01	1.00E+00	-0.20	8.68E-01	9.84E-01
NR2F2-AS1	0.67	2.39E-01	1.00E+00	-0.10	8.68E-01	9.84E-01

BCAS4	-0.37	4.35E-01	1.00E+00	0.05	8.68E-01	9.84E-01
ABLIM3	0.67	1.96E-01	1.00E+00	-0.09	8.68E-01	9.84E-01
ATP9B	-0.02	9.27E-01	1.00E+00	0.03	8.68E-01	9.84E-01
SP1	-0.04	8.40E-01	1.00E+00	0.06	8.68E-01	9.84E-01
KRT85	-3.53	2.79E-01	1.00E+00	-0.52	8.68E-01	9.84E-01
UCHL1	0.59	4.56E-01	1.00E+00	-0.10	8.68E-01	9.84E-01
AL121772.1	-0.13	8.89E-01	1.00E+00	-0.18	8.68E-01	9.84E-01
RBM38	-0.05	8.52E-01	1.00E+00	0.09	8.68E-01	9.84E-01
NUDC	-0.04	8.41E-01	1.00E+00	0.02	8.68E-01	9.84E-01
NCAPD3	0.28	2.50E-01	1.00E+00	-0.05	8.68E-01	9.84E-01
PNMA8B	0.03	9.15E-01	1.00E+00	0.11	8.68E-01	9.84E-01
HR	-0.11	7.88E-01	1.00E+00	-0.13	8.68E-01	9.84E-01
TTLL6	-3.36	6.82E-02	1.00E+00	-0.31	8.68E-01	9.84E-01
PADI3	-2.33	3.92E-05	1.06E-02	0.17	8.68E-01	9.84E-01
XLOC_006338	-2.50	1.00E-01	1.00E+00	0.23	8.68E-01	9.84E-01
SETD6	-0.28	3.34E-01	1.00E+00	-0.04	8.68E-01	9.84E-01
MYBBP1A	-0.48	5.29E-02	1.00E+00	0.08	8.68E-01	9.84E-01
RNF26	-0.10	6.75E-01	1.00E+00	-0.06	8.68E-01	9.84E-01
NFATC1	-0.74	4.74E-03	3.98E-01	0.08	8.68E-01	9.84E-01
RPS4XP6	-0.56	8.73E-01	1.00E+00	-0.14	8.68E-01	9.84E-01
PLAC9	0.20	5.99E-01	1.00E+00	0.08	8.68E-01	9.84E-01
AL078645.1	0.32	9.28E-01	1.00E+00	0.23	8.68E-01	9.84E-01
DKK2	-0.33	5.93E-01	1.00E+00	0.08	8.69E-01	9.84E-01
KLHL24	0.17	6.06E-01	1.00E+00	-0.05	8.69E-01	9.84E-01
UCKL1	-0.08	7.14E-01	1.00E+00	0.02	8.69E-01	9.84E-01
ARHGAP23	-0.32	4.17E-01	1.00E+00	-0.10	8.69E-01	9.84E-01
LIPE	4.03	6.28E-03	4.75E-01	-0.52	8.69E-01	9.84E-01
ADAT3	-0.34	4.55E-01	1.00E+00	0.10	8.69E-01	9.84E-01
GPATCH1	0.13	5.23E-01	1.00E+00	0.05	8.69E-01	9.84E-01
AP001282.1	0.84	8.06E-01	1.00E+00	-0.10	8.69E-01	9.84E-01
XLOC_005155	0.34	9.23E-01	1.00E+00	-0.24	8.69E-01	9.84E-01
HSPBAP1	-0.23	5.81E-01	1.00E+00	0.05	8.69E-01	9.84E-01

NCOA6	-0.29	2.58E-01	1.00E+00	0.07	8.69E-01	9.84E-01
XLOC_013093	0.10	9.47E-01	1.00E+00	-0.22	8.69E-01	9.84E-01
ZNF674	0.35	4.15E-01	1.00E+00	-0.09	8.69E-01	9.84E-01
LZTS3	-0.10	8.56E-01	1.00E+00	0.15	8.69E-01	9.84E-01
RSRP1	-0.36	5.39E-01	1.00E+00	0.07	8.69E-01	9.84E-01
SDAD1P1	-0.44	1.98E-01	1.00E+00	-0.06	8.69E-01	9.84E-01
LPAR1	0.51	2.13E-01	1.00E+00	-0.06	8.69E-01	9.84E-01
G8227	-1.00	1.68E-01	1.00E+00	0.11	8.69E-01	9.84E-01
LINC00683	-0.09	9.19E-01	1.00E+00	0.18	8.69E-01	9.84E-01
NAA25	0.22	4.49E-01	1.00E+00	-0.04	8.70E-01	9.84E-01
AL596087.1	0.02	9.88E-01	1.00E+00	0.13	8.70E-01	9.84E-01
AC027279.4	2.64	4.38E-01	1.00E+00	0.53	8.70E-01	9.84E-01
YWHABP2	-1.04	6.66E-01	1.00E+00	0.13	8.70E-01	9.84E-01
ADAMTSL2	-0.23	5.91E-01	1.00E+00	0.48	8.70E-01	9.84E-01
KDM4B	-0.16	4.85E-01	1.00E+00	-0.09	8.70E-01	9.84E-01
WDR12	-0.05	8.50E-01	1.00E+00	0.03	8.70E-01	9.84E-01
HIST1H2AI	0.66	6.90E-01	1.00E+00	-0.13	8.70E-01	9.84E-01
IGLV3-16	NA	NA	NA	0.53	8.70E-01	9.84E-01
CASC4	0.39	2.91E-01	1.00E+00	-0.05	8.70E-01	9.84E-01
RPP21	1.13	7.44E-01	1.00E+00	0.18	8.70E-01	9.84E-01
AC090152.1	-0.36	5.20E-01	1.00E+00	-0.10	8.70E-01	9.84E-01
TMCO3	0.31	4.14E-01	1.00E+00	-0.05	8.70E-01	9.84E-01
ZNF597	0.43	1.34E-01	1.00E+00	0.06	8.70E-01	9.85E-01
REL	-0.49	1.75E-01	1.00E+00	0.07	8.70E-01	9.85E-01
IGHJ4	0.56	8.71E-01	1.00E+00	0.53	8.70E-01	9.85E-01
TMEM150A	0.29	3.58E-01	1.00E+00	0.06	8.70E-01	9.85E-01
ESR2	0.86	2.87E-01	1.00E+00	-0.11	8.70E-01	9.85E-01
SULT1A2	-1.52	3.01E-01	1.00E+00	-0.13	8.70E-01	9.85E-01
IPO5	0.17	5.15E-01	1.00E+00	0.05	8.70E-01	9.85E-01
AC008038.1	-0.22	5.25E-01	1.00E+00	-0.08	8.70E-01	9.85E-01
RCN1	0.22	5.34E-01	1.00E+00	0.05	8.70E-01	9.85E-01
MITF	-0.05	8.90E-01	1.00E+00	-0.05	8.71E-01	9.85E-01

KCCAT333	1.14	2.53E-01	1.00E+00	0.19	8.71E-01	9.85E-01
ANKRD53	0.72	2.93E-01	1.00E+00	0.30	8.71E-01	9.85E-01
AC007938.3	-0.77	6.03E-01	1.00E+00	0.14	8.71E-01	9.85E-01
CTNNBIP1	0.08	8.56E-01	1.00E+00	0.07	8.71E-01	9.85E-01
G9256	-2.13	7.67E-02	1.00E+00	0.16	8.71E-01	9.85E-01
AC096537.1	-1.40	6.84E-01	1.00E+00	-0.28	8.71E-01	9.85E-01
SPTLC1	-0.07	7.40E-01	1.00E+00	0.03	8.71E-01	9.85E-01
PRXL2B	-0.37	5.35E-02	1.00E+00	0.06	8.71E-01	9.85E-01
ZNF669	0.24	3.49E-01	1.00E+00	-0.05	8.71E-01	9.85E-01
PYM1	-0.19	5.19E-01	1.00E+00	-0.05	8.71E-01	9.85E-01
SLC1A3	-0.02	9.49E-01	1.00E+00	0.09	8.71E-01	9.85E-01
PSME3	-0.12	5.63E-01	1.00E+00	0.02	8.71E-01	9.85E-01
ZNF185	-0.23	5.41E-01	1.00E+00	-0.08	8.71E-01	9.85E-01
ISPD	-0.70	5.20E-02	1.00E+00	-0.06	8.71E-01	9.85E-01
KCTD21-AS1	0.55	4.65E-01	1.00E+00	-0.10	8.72E-01	9.85E-01
PEX11G	-0.29	3.92E-01	1.00E+00	0.05	8.72E-01	9.85E-01
AQP7P4	2.23	1.93E-01	1.00E+00	-0.48	8.72E-01	9.85E-01
XLOC_000529	5.12	9.52E-03	6.06E-01	0.51	8.72E-01	9.85E-01
AFAP1L1	0.11	7.95E-01	1.00E+00	-0.10	8.72E-01	9.85E-01
SRSF6	-0.26	2.45E-01	1.00E+00	0.05	8.72E-01	9.85E-01
LINC02288	2.93	5.59E-02	1.00E+00	0.18	8.72E-01	9.85E-01
ZMYND12	-0.66	2.81E-01	1.00E+00	0.09	8.72E-01	9.85E-01
RP11-497H16.6	-0.90	7.32E-01	1.00E+00	-0.20	8.72E-01	9.85E-01
AC145124.1	-0.40	5.45E-01	1.00E+00	-0.09	8.72E-01	9.85E-01
RAD23B	0.05	8.66E-01	1.00E+00	0.08	8.72E-01	9.85E-01
HDGF	-0.11	6.80E-01	1.00E+00	0.08	8.72E-01	9.85E-01
TRAF2	0.01	9.67E-01	1.00E+00	0.07	8.72E-01	9.85E-01
EDNRB	0.67	6.26E-02	1.00E+00	0.06	8.72E-01	9.85E-01
RBM26	0.01	9.57E-01	1.00E+00	-0.05	8.72E-01	9.85E-01
FAM181B	-0.27	5.41E-01	1.00E+00	0.16	8.72E-01	9.85E-01
CHD5	-1.98	5.45E-01	1.00E+00	0.51	8.72E-01	9.85E-01
KANK4	1.77	5.59E-02	1.00E+00	-0.13	8.72E-01	9.85E-01

ABO	0.93	2.51E-02	9.28E-01	-0.09	8.72E-01	9.85E-01
RIMBP3	0.48	6.82E-01	1.00E+00	-0.26	8.73E-01	9.85E-01
PHBP20	1.37	6.91E-01	1.00E+00	-0.18	8.73E-01	9.85E-01
PPIE	0.17	2.77E-01	1.00E+00	0.05	8.73E-01	9.85E-01
HSD52	0.65	5.07E-01	1.00E+00	-0.30	8.73E-01	9.85E-01
RIMKLB2	1.62	5.71E-01	1.00E+00	0.19	8.73E-01	9.85E-01
TOR1A	0.10	5.45E-01	1.00E+00	-0.03	8.73E-01	9.85E-01
MATK	-1.09	6.08E-03	4.63E-01	0.18	8.73E-01	9.85E-01
AADA2L2-AS1	-0.20	8.45E-01	1.00E+00	0.15	8.73E-01	9.85E-01
HAUS2	0.01	9.60E-01	1.00E+00	-0.02	8.73E-01	9.85E-01
C4BPB	-2.40	2.50E-01	1.00E+00	-0.18	8.73E-01	9.85E-01
UGT2B11	-1.15	4.96E-01	1.00E+00	-0.48	8.73E-01	9.85E-01
DGKG	0.05	9.19E-01	1.00E+00	0.13	8.73E-01	9.85E-01
SLC16A14	-0.36	4.05E-01	1.00E+00	-0.06	8.73E-01	9.85E-01
ANXA2P2	0.23	3.59E-01	1.00E+00	-0.09	8.73E-01	9.85E-01
MIR4263	-0.33	8.33E-01	1.00E+00	-0.15	8.73E-01	9.85E-01
ARAP2	-0.01	9.85E-01	1.00E+00	0.07	8.73E-01	9.85E-01
PAK6	0.03	9.35E-01	1.00E+00	-0.08	8.73E-01	9.85E-01
KIF14	0.75	1.48E-01	1.00E+00	0.14	8.73E-01	9.85E-01
PPIAP73	-1.27	6.00E-01	1.00E+00	0.21	8.73E-01	9.85E-01
UNC45B	1.46	4.95E-01	1.00E+00	0.23	8.73E-01	9.85E-01
GMPPB	-0.14	5.32E-01	1.00E+00	-0.04	8.73E-01	9.85E-01
ARHGFE12	-0.22	2.95E-01	1.00E+00	-0.07	8.73E-01	9.85E-01
AVIL	0.07	8.69E-01	1.00E+00	-0.07	8.73E-01	9.85E-01
D2HGDH	0.06	8.49E-01	1.00E+00	-0.09	8.73E-01	9.85E-01
EEF1AKMT3	-0.05	8.35E-01	1.00E+00	-0.05	8.73E-01	9.85E-01
AC087289.2	-1.91	2.36E-01	1.00E+00	0.21	8.73E-01	9.85E-01
AC008972.1	0.84	8.03E-01	1.00E+00	0.20	8.74E-01	9.85E-01
EDC4	-0.08	7.64E-01	1.00E+00	-0.12	8.74E-01	9.85E-01
ALDH7A1	-0.04	8.18E-01	1.00E+00	-0.02	8.74E-01	9.85E-01
TIMM23B	-0.08	8.63E-01	1.00E+00	0.04	8.74E-01	9.85E-01
ARHGAP31	-0.25	1.77E-01	1.00E+00	0.07	8.74E-01	9.85E-01

CARMIL1	-0.13	5.94E-01	1.00E+00	0.05	8.74E-01	9.85E-01
TBPL1	0.13	5.26E-01	1.00E+00	-0.05	8.74E-01	9.85E-01
RPS3P6	1.27	7.13E-01	1.00E+00	-0.12	8.74E-01	9.85E-01
CDK9	-0.15	4.94E-01	1.00E+00	-0.08	8.74E-01	9.85E-01
KLF15	0.45	5.39E-01	1.00E+00	0.17	8.74E-01	9.85E-01
RB1	-0.18	4.87E-01	1.00E+00	-0.03	8.74E-01	9.85E-01
GDA	-4.85	1.62E-04	3.78E-02	-0.50	8.74E-01	9.85E-01
XLOC_006303	-2.11	7.86E-02	1.00E+00	-0.17	8.74E-01	9.85E-01
EFNB1	-0.13	6.31E-01	1.00E+00	0.08	8.74E-01	9.85E-01
G30008	0.01	9.95E-01	1.00E+00	0.25	8.74E-01	9.85E-01
HSPA9P1	NA	NA	NA	0.11	8.74E-01	9.85E-01
EIF5A	-0.07	7.89E-01	1.00E+00	0.05	8.74E-01	9.85E-01
KRT80	0.14	7.85E-01	1.00E+00	-0.12	8.74E-01	9.85E-01
AC015712.2	0.38	3.81E-01	1.00E+00	-0.08	8.74E-01	9.85E-01
NEK1	0.04	8.95E-01	1.00E+00	0.03	8.74E-01	9.85E-01
AC004232.3	1.57	1.44E-01	1.00E+00	-0.18	8.74E-01	9.85E-01
SPIDR	-0.15	5.59E-01	1.00E+00	-0.03	8.74E-01	9.85E-01
TELO2	-0.32	1.98E-01	1.00E+00	0.08	8.74E-01	9.85E-01
AC110792.3	3.04	1.06E-01	1.00E+00	-0.19	8.74E-01	9.85E-01
CXADR	-0.15	6.74E-01	1.00E+00	-0.10	8.74E-01	9.85E-01
ACOT8	0.22	3.36E-01	1.00E+00	0.04	8.75E-01	9.85E-01
RPS26P31	-0.49	7.98E-01	1.00E+00	0.16	8.75E-01	9.85E-01
QKI	0.04	8.33E-01	1.00E+00	-0.05	8.75E-01	9.85E-01
AC073073.2	0.88	1.65E-01	1.00E+00	-0.18	8.75E-01	9.85E-01
SPATA5L1	-0.18	5.88E-01	1.00E+00	-0.08	8.75E-01	9.85E-01
AC021074.1	3.76	7.15E-02	1.00E+00	0.11	8.75E-01	9.85E-01
R3HCC1	-0.14	5.85E-01	1.00E+00	-0.04	8.75E-01	9.85E-01
PLCG1-AS1	-0.90	4.25E-01	1.00E+00	-0.13	8.75E-01	9.85E-01
GMDS	-0.33	2.74E-01	1.00E+00	0.04	8.75E-01	9.85E-01
XLOC_009765	-0.19	8.48E-01	1.00E+00	-0.12	8.75E-01	9.85E-01
CSDE1	0.13	4.21E-01	1.00E+00	-0.03	8.75E-01	9.85E-01
WRNIP1	0.01	9.73E-01	1.00E+00	-0.08	8.75E-01	9.85E-01

LDHAP2	-2.60	2.17E-01	1.00E+00	-0.13	8.75E-01	9.85E-01
SNRNP70	-0.29	2.27E-01	1.00E+00	0.13	8.75E-01	9.85E-01
ANAPC15	-0.31	4.46E-01	1.00E+00	-0.08	8.75E-01	9.85E-01
MIR210HG	0.23	5.16E-01	1.00E+00	-0.07	8.75E-01	9.85E-01
ADRA1B	0.54	5.19E-01	1.00E+00	-0.24	8.75E-01	9.85E-01
NCBP2-AS2	-0.28	2.94E-01	1.00E+00	-0.05	8.75E-01	9.85E-01
ZNF324	-0.06	7.68E-01	1.00E+00	-0.07	8.75E-01	9.85E-01
NAA20	-0.17	4.72E-01	1.00E+00	-0.05	8.75E-01	9.85E-01
AC131649.2	-0.83	3.96E-01	1.00E+00	0.15	8.75E-01	9.85E-01
POFUT1	0.26	2.59E-01	1.00E+00	0.07	8.75E-01	9.85E-01
FECH	0.16	4.75E-01	1.00E+00	0.03	8.75E-01	9.85E-01
NDUFB4P11	-3.02	4.15E-02	1.00E+00	-0.19	8.75E-01	9.85E-01
TMPRSS3	0.65	2.83E-01	1.00E+00	0.15	8.75E-01	9.85E-01
APRT	-0.17	5.49E-01	1.00E+00	0.05	8.75E-01	9.85E-01
ZBTB11-AS1	0.68	9.31E-02	1.00E+00	0.08	8.75E-01	9.85E-01
PF4V1	-1.18	7.32E-01	1.00E+00	0.27	8.75E-01	9.85E-01
G26553	0.97	1.77E-01	1.00E+00	0.18	8.75E-01	9.85E-01
MRPS22	-0.04	8.25E-01	1.00E+00	-0.03	8.75E-01	9.85E-01
ZKSCAN7-AS1	-1.72	2.55E-01	1.00E+00	0.15	8.75E-01	9.85E-01
RPS28P7	0.07	8.29E-01	1.00E+00	-0.06	8.76E-01	9.85E-01
PSENE1	0.10	7.80E-01	1.00E+00	-0.07	8.76E-01	9.85E-01
AL139424.3	-0.67	2.58E-01	1.00E+00	-0.14	8.76E-01	9.85E-01
PAXBP1-AS1	-0.47	4.97E-01	1.00E+00	0.11	8.76E-01	9.85E-01
GLYATL1P1	-0.79	6.02E-01	1.00E+00	0.16	8.76E-01	9.85E-01
IL17B	-1.17	9.21E-02	1.00E+00	0.09	8.76E-01	9.85E-01
VPS50	0.33	2.93E-01	1.00E+00	-0.05	8.76E-01	9.85E-01
G2592	-0.52	6.79E-01	1.00E+00	0.15	8.76E-01	9.85E-01
Z98884.1	-3.44	1.39E-01	1.00E+00	0.13	8.76E-01	9.85E-01
XLOC_011365	0.32	8.88E-01	1.00E+00	-0.18	8.76E-01	9.85E-01
NIPAL1	0.30	5.79E-01	1.00E+00	0.08	8.76E-01	9.85E-01
ESRRB	-4.67	2.78E-03	2.73E-01	-0.18	8.76E-01	9.85E-01
ASAP2	-0.19	4.50E-01	1.00E+00	-0.06	8.76E-01	9.85E-01

AL135786.1	1.19	2.89E-01	1.00E+00	-0.17	8.76E-01	9.85E-01
AC141586.1	-0.73	9.16E-02	1.00E+00	-0.06	8.76E-01	9.85E-01
SEC24C	0.02	9.26E-01	1.00E+00	0.08	8.76E-01	9.85E-01
CCDC177	-2.35	5.22E-02	1.00E+00	0.22	8.76E-01	9.85E-01
SHISA3	1.19	1.89E-01	1.00E+00	-0.13	8.76E-01	9.85E-01
C16orf58	-0.29	1.21E-01	1.00E+00	0.07	8.76E-01	9.85E-01
AL121917.1	-0.87	1.72E-01	1.00E+00	-0.12	8.76E-01	9.85E-01
SSPN	0.50	2.39E-01	1.00E+00	-0.04	8.76E-01	9.85E-01
AC103810.3	-0.30	7.11E-01	1.00E+00	0.49	8.77E-01	9.85E-01
MAST4-IT1	NA	NA	NA	-0.35	8.77E-01	9.85E-01
ZNF292	-0.11	5.97E-01	1.00E+00	-0.05	8.77E-01	9.85E-01
NBPF11	-0.23	7.09E-01	1.00E+00	-0.06	8.77E-01	9.85E-01
NFIL3	-0.27	5.70E-01	1.00E+00	-0.09	8.77E-01	9.85E-01
AP000437.1	0.36	7.80E-01	1.00E+00	-0.11	8.77E-01	9.85E-01
TATDN1P1	NA	NA	NA	0.11	8.77E-01	9.85E-01
AL031719.2	-1.04	4.96E-01	1.00E+00	-0.11	8.77E-01	9.85E-01
MARCKSL1	-0.45	2.35E-01	1.00E+00	0.08	8.77E-01	9.85E-01
GRID2IP	0.13	7.81E-01	1.00E+00	-0.08	8.77E-01	9.85E-01
TCHHL1	-5.34	1.10E-01	1.00E+00	-0.49	8.77E-01	9.85E-01
CHML	-0.61	3.12E-02	1.00E+00	-0.07	8.77E-01	9.85E-01
IGKJ4	1.34	6.98E-01	1.00E+00	0.50	8.77E-01	9.85E-01
AHCTF1	0.03	8.90E-01	1.00E+00	-0.06	8.77E-01	9.85E-01
SON	-0.28	1.71E-01	1.00E+00	-0.04	8.77E-01	9.85E-01
ATP6V1B2	0.27	2.38E-01	1.00E+00	0.05	8.77E-01	9.85E-01
NPTX1	-0.77	3.23E-01	1.00E+00	-0.17	8.77E-01	9.85E-01
MAP3K10	-0.70	9.36E-03	6.05E-01	-0.48	8.77E-01	9.85E-01
SMPD5	-0.92	3.61E-01	1.00E+00	0.20	8.77E-01	9.85E-01
AC005082.1	0.62	3.53E-01	1.00E+00	0.11	8.77E-01	9.85E-01
POLR2D	0.06	7.33E-01	1.00E+00	-0.04	8.77E-01	9.85E-01
C15orf56	0.15	8.72E-01	1.00E+00	0.14	8.77E-01	9.85E-01
DIP2A	-0.12	5.39E-01	1.00E+00	0.05	8.77E-01	9.85E-01
AC007834.1	1.12	2.60E-01	1.00E+00	-0.16	8.77E-01	9.85E-01

OSMR-AS1	0.17	7.54E-01	1.00E+00	-0.08	8.77E-01	9.85E-01
ZDHHC17	0.23	4.22E-01	1.00E+00	-0.05	8.77E-01	9.85E-01
NPRL2	-0.06	8.22E-01	1.00E+00	0.05	8.77E-01	9.85E-01
VSTM5	-1.35	5.49E-02	1.00E+00	-0.17	8.77E-01	9.85E-01
PCDHGA11	-0.30	3.87E-01	1.00E+00	-0.08	8.78E-01	9.85E-01
DLEC1	1.15	1.63E-01	1.00E+00	-0.18	8.78E-01	9.85E-01
TFG	-0.11	5.67E-01	1.00E+00	0.03	8.78E-01	9.85E-01
G3707	0.09	8.98E-01	1.00E+00	0.11	8.78E-01	9.85E-01
XLOC_005889	0.67	5.47E-01	1.00E+00	0.14	8.78E-01	9.85E-01
SHOC2	0.04	8.65E-01	1.00E+00	-0.04	8.78E-01	9.85E-01
EEFSEC	-0.27	2.43E-01	1.00E+00	0.03	8.78E-01	9.85E-01
NDUFB1P1	0.25	9.42E-01	1.00E+00	-0.12	8.78E-01	9.85E-01
BTG3	0.18	4.25E-01	1.00E+00	-0.04	8.78E-01	9.85E-01
ZNF385C	-0.24	6.96E-01	1.00E+00	-0.14	8.78E-01	9.85E-01
MTMR9	0.29	2.59E-01	1.00E+00	-0.03	8.78E-01	9.85E-01
DSCAML1	-0.29	7.63E-01	1.00E+00	0.22	8.78E-01	9.85E-01
PCDHA10	-0.09	9.40E-01	1.00E+00	-0.12	8.78E-01	9.85E-01
ARL4D	-0.71	1.70E-01	1.00E+00	0.05	8.78E-01	9.85E-01
DUSP23	-0.28	1.51E-01	1.00E+00	-0.04	8.78E-01	9.85E-01
KRT17P3	0.00	1.00E+00	NA	-0.18	8.78E-01	9.85E-01
MESTIT1	0.79	7.67E-01	1.00E+00	0.16	8.78E-01	9.85E-01
AC078881.1	-0.48	4.61E-01	1.00E+00	-0.08	8.78E-01	9.85E-01
RNF115	-0.04	8.59E-01	1.00E+00	0.05	8.78E-01	9.85E-01
ZNF337	-0.32	7.44E-01	1.00E+00	0.07	8.78E-01	9.85E-01
RPL41P5	-0.48	3.85E-01	1.00E+00	0.07	8.78E-01	9.85E-01
XLOC_002876	0.35	9.19E-01	1.00E+00	-0.29	8.78E-01	9.85E-01
AC007191.1	-0.06	9.25E-01	1.00E+00	0.14	8.78E-01	9.85E-01
RAPSN	-2.59	7.68E-02	1.00E+00	0.15	8.78E-01	9.85E-01
IFNK	-2.46	4.70E-01	1.00E+00	0.49	8.79E-01	9.85E-01
AC016596.1	0.18	6.85E-01	1.00E+00	0.08	8.79E-01	9.85E-01
DPH2	-0.23	3.03E-01	1.00E+00	0.03	8.79E-01	9.85E-01
AL135910.1	0.26	6.44E-01	1.00E+00	0.08	8.79E-01	9.85E-01

MBTPS1	-0.01	9.44E-01	1.00E+00	0.04	8.79E-01	9.85E-01
TRMU	0.25	4.00E-01	1.00E+00	0.03	8.79E-01	9.85E-01
LINC00337	-2.97	1.63E-01	1.00E+00	0.22	8.79E-01	9.85E-01
AC010890.1	-0.61	5.75E-01	1.00E+00	-0.15	8.79E-01	9.85E-01
CRLF1	-0.94	1.95E-02	8.74E-01	-0.45	8.79E-01	9.85E-01
ACER3	-0.10	7.81E-01	1.00E+00	-0.05	8.79E-01	9.85E-01
AKT1	-0.17	4.33E-01	1.00E+00	-0.09	8.79E-01	9.85E-01
ZNF354A	0.05	8.76E-01	1.00E+00	-0.03	8.79E-01	9.85E-01
BAD	0.31	3.94E-01	1.00E+00	0.08	8.79E-01	9.85E-01
FAM171A1	0.26	5.34E-01	1.00E+00	0.09	8.79E-01	9.85E-01
MYOZ1	-0.67	3.63E-01	1.00E+00	0.10	8.79E-01	9.85E-01
RPL38	-0.03	9.21E-01	1.00E+00	0.03	8.79E-01	9.85E-01
KCNH2	-0.35	7.41E-01	1.00E+00	-0.15	8.80E-01	9.85E-01
LINC01750	-0.69	1.30E-01	1.00E+00	-0.08	8.80E-01	9.86E-01
AC140134.1	-0.04	9.56E-01	1.00E+00	-0.14	8.80E-01	9.86E-01
AC016712.1	NA	NA	NA	-0.14	8.80E-01	9.86E-01
HERC3	0.40	9.49E-02	1.00E+00	0.02	8.80E-01	9.86E-01
TMX4	0.35	2.56E-01	1.00E+00	0.04	8.80E-01	9.86E-01
AL162595.1	-0.18	8.51E-01	1.00E+00	0.11	8.80E-01	9.86E-01
RPL34P6	-0.54	8.76E-01	1.00E+00	0.15	8.80E-01	9.86E-01
RPS21	-0.08	7.97E-01	1.00E+00	0.04	8.80E-01	9.86E-01
TRBV4-2	-2.42	2.71E-01	1.00E+00	0.18	8.80E-01	9.86E-01
IL18	0.07	8.75E-01	1.00E+00	-0.08	8.80E-01	9.86E-01
SMNDC1	0.25	2.71E-01	1.00E+00	-0.03	8.80E-01	9.86E-01
ENTHD1	-2.23	1.69E-01	1.00E+00	0.19	8.80E-01	9.86E-01
LINC00472	0.76	3.40E-01	1.00E+00	-0.13	8.80E-01	9.86E-01
PCNT	-0.36	2.02E-01	1.00E+00	0.05	8.80E-01	9.86E-01
LINC02519	1.97	1.26E-01	1.00E+00	-0.28	8.80E-01	9.86E-01
XLOC_006964	-1.23	4.07E-01	1.00E+00	0.19	8.80E-01	9.86E-01
PLCD4	0.13	6.98E-01	1.00E+00	0.08	8.80E-01	9.86E-01
HOXB-AS3	0.42	6.01E-01	1.00E+00	0.10	8.80E-01	9.86E-01
LRBA	-0.06	8.16E-01	1.00E+00	0.06	8.80E-01	9.86E-01

AC087203.3	-1.77	1.56E-01	1.00E+00	-0.14	8.81E-01	9.86E-01
AL121574.1	1.11	7.45E-01	1.00E+00	0.19	8.81E-01	9.86E-01
HDAC2-AS2	0.68	6.41E-01	1.00E+00	-0.13	8.81E-01	9.86E-01
CDNF	-0.55	2.23E-01	1.00E+00	0.08	8.81E-01	9.86E-01
AC012254.3	-1.52	6.60E-01	1.00E+00	0.19	8.81E-01	9.86E-01
CPPED1	0.00	9.93E-01	1.00E+00	0.03	8.81E-01	9.86E-01
LCE5A	0.85	2.89E-01	1.00E+00	-0.14	8.81E-01	9.86E-01
CPTP	-0.23	3.03E-01	1.00E+00	0.09	8.81E-01	9.86E-01
TMEM233	-2.31	6.79E-02	1.00E+00	-0.12	8.81E-01	9.86E-01
CCDC66	-0.01	9.81E-01	1.00E+00	-0.05	8.81E-01	9.86E-01
UBE2FP3	0.75	4.80E-01	1.00E+00	-0.16	8.81E-01	9.86E-01
AC004596.1	-1.99	2.69E-01	1.00E+00	0.18	8.81E-01	9.86E-01
ZNF146	-0.03	8.63E-01	1.00E+00	-0.04	8.81E-01	9.86E-01
LINC00843	-0.52	5.61E-01	1.00E+00	0.04	8.81E-01	9.86E-01
AC107074.1	0.86	3.27E-01	1.00E+00	-0.13	8.81E-01	9.86E-01
RPL34P31	NA	NA	NA	-0.13	8.81E-01	9.86E-01
RNASEK	-2.38	7.50E-02	1.00E+00	0.08	8.81E-01	9.86E-01
AC010173.1	0.42	5.68E-01	1.00E+00	0.19	8.81E-01	9.86E-01
KIF5B	0.12	5.77E-01	1.00E+00	-0.02	8.82E-01	9.86E-01
PAGR1	0.36	2.65E-01	1.00E+00	0.07	8.82E-01	9.86E-01
REEP2	-0.45	3.46E-01	1.00E+00	-0.11	8.82E-01	9.86E-01
SMPD4P1	-3.46	1.86E-01	1.00E+00	-0.22	8.82E-01	9.86E-01
RAB1A	0.10	5.06E-01	1.00E+00	0.02	8.82E-01	9.86E-01
EVPL	-0.17	7.36E-01	1.00E+00	-0.11	8.82E-01	9.86E-01
AL024498.1	1.34	2.03E-01	1.00E+00	0.13	8.82E-01	9.86E-01
P3H2-AS1	-0.67	5.03E-01	1.00E+00	-0.15	8.82E-01	9.86E-01
ATP6V1D	0.13	6.09E-01	1.00E+00	-0.04	8.82E-01	9.86E-01
TMEM104	-0.27	2.98E-01	1.00E+00	0.08	8.82E-01	9.86E-01
LDHAP5	NA	NA	NA	0.10	8.82E-01	9.86E-01
TMEM121	-0.54	1.09E-01	1.00E+00	0.12	8.82E-01	9.86E-01
NTNG2	-0.18	5.95E-01	1.00E+00	0.44	8.82E-01	9.86E-01
AFTPH	0.13	6.20E-01	1.00E+00	-0.04	8.82E-01	9.86E-01

PGAM4	-0.48	7.66E-01	1.00E+00	0.08	8.82E-01	9.86E-01
XLOC_005079	0.27	7.49E-01	1.00E+00	-0.15	8.82E-01	9.86E-01
KRT81	-1.54	6.30E-01	1.00E+00	-0.47	8.82E-01	9.86E-01
AC092747.2	1.92	4.65E-01	1.00E+00	-0.11	8.82E-01	9.86E-01
TATDN2P2	0.50	2.72E-01	1.00E+00	0.12	8.82E-01	9.86E-01
AC096708.3	-1.76	6.09E-01	1.00E+00	0.34	8.82E-01	9.86E-01
G30001	0.59	4.26E-01	1.00E+00	0.14	8.82E-01	9.86E-01
U73166.1	1.36	3.84E-01	1.00E+00	0.17	8.82E-01	9.86E-01
PFKL	0.01	9.47E-01	1.00E+00	0.05	8.82E-01	9.86E-01
PLAC1	-0.05	9.66E-01	1.00E+00	0.16	8.82E-01	9.86E-01
LOH12CR2	0.08	9.01E-01	1.00E+00	-0.08	8.82E-01	9.86E-01
FBXO43	0.60	3.91E-01	1.00E+00	-0.15	8.82E-01	9.86E-01
MAPK8IP1P2	-4.00	1.79E-01	1.00E+00	0.48	8.82E-01	9.86E-01
AC110769.2	0.32	8.65E-01	1.00E+00	0.16	8.82E-01	9.86E-01
NUDT6	0.11	7.66E-01	1.00E+00	-0.05	8.83E-01	9.86E-01
FOXP3	-0.57	2.97E-01	1.00E+00	0.46	8.83E-01	9.86E-01
CPSF2	-0.07	7.54E-01	1.00E+00	-0.03	8.83E-01	9.86E-01
AC090587.2	-1.73	3.64E-03	3.27E-01	0.11	8.83E-01	9.86E-01
PPP1R13L	-0.40	3.69E-01	1.00E+00	0.07	8.83E-01	9.86E-01
CLEC14A	0.22	6.36E-01	1.00E+00	0.07	8.83E-01	9.86E-01
EIF4HP1	-0.22	6.83E-01	1.00E+00	-0.06	8.83E-01	9.86E-01
IKZF5	0.06	7.89E-01	1.00E+00	-0.05	8.83E-01	9.86E-01
CAPN10	-0.15	6.02E-01	1.00E+00	0.10	8.83E-01	9.86E-01
LIX1L	0.31	4.32E-01	1.00E+00	-0.05	8.83E-01	9.86E-01
TICRR	-0.46	2.28E-01	1.00E+00	0.18	8.83E-01	9.86E-01
FLII	-0.14	4.15E-01	1.00E+00	0.05	8.83E-01	9.86E-01
XLOC_005778	1.83	3.02E-01	1.00E+00	-0.12	8.83E-01	9.86E-01
AC120049.1	-0.03	9.44E-01	1.00E+00	0.12	8.83E-01	9.86E-01
NSF	-0.12	5.46E-01	1.00E+00	-0.03	8.83E-01	9.86E-01
LINC01116	0.11	7.56E-01	1.00E+00	-0.06	8.83E-01	9.86E-01
PPP1R32	-0.39	5.22E-01	1.00E+00	0.09	8.83E-01	9.86E-01
ZNF34	0.31	2.37E-01	1.00E+00	-0.05	8.83E-01	9.86E-01

PMS2P3	-0.74	1.99E-01	1.00E+00	0.11	8.83E-01	9.86E-01
KIDINS220	-0.06	7.15E-01	1.00E+00	0.05	8.83E-01	9.86E-01
AC004554.2	-0.96	4.67E-01	1.00E+00	-0.17	8.83E-01	9.86E-01
TBC1D13	0.42	1.62E-01	1.00E+00	0.07	8.83E-01	9.86E-01
MRPL14	0.01	9.63E-01	1.00E+00	0.04	8.83E-01	9.86E-01
AL512598.2	NA	NA	NA	0.15	8.83E-01	9.86E-01
VWA2	-0.10	7.56E-01	1.00E+00	0.07	8.83E-01	9.86E-01
DCTN2	-0.19	4.28E-01	1.00E+00	-0.02	8.83E-01	9.86E-01
AL627230.4	0.19	8.59E-01	1.00E+00	0.09	8.83E-01	9.86E-01
PNISR	0.06	7.77E-01	1.00E+00	0.03	8.84E-01	9.86E-01
CUX2	1.19	2.69E-01	1.00E+00	0.46	8.84E-01	9.86E-01
LNX1-AS1	-1.52	6.60E-01	1.00E+00	-0.17	8.84E-01	9.86E-01
AC133785.1	-0.10	8.60E-01	1.00E+00	0.15	8.84E-01	9.86E-01
RPL37P2	-0.63	4.63E-01	1.00E+00	0.12	8.84E-01	9.86E-01
XYLT2	-0.11	5.66E-01	1.00E+00	0.04	8.84E-01	9.86E-01
GCSAM	-0.20	6.05E-01	1.00E+00	-0.06	8.84E-01	9.86E-01
MTMR11	0.10	7.63E-01	1.00E+00	0.04	8.84E-01	9.86E-01
CYP46A1	0.45	6.56E-01	1.00E+00	-0.10	8.84E-01	9.86E-01
RBM8B	-0.59	7.57E-01	1.00E+00	-0.08	8.84E-01	9.86E-01
VKORC1	0.43	4.97E-01	1.00E+00	-0.08	8.84E-01	9.86E-01
RPS6KL1	-0.64	2.17E-01	1.00E+00	-0.10	8.84E-01	9.86E-01
SUGT1P1	-1.06	2.02E-01	1.00E+00	0.15	8.84E-01	9.86E-01
WDR77	0.17	5.64E-01	1.00E+00	0.03	8.84E-01	9.86E-01
AL132656.3	-0.56	8.73E-01	1.00E+00	0.14	8.84E-01	9.86E-01
CCR6	1.27	6.83E-01	1.00E+00	-0.14	8.84E-01	9.86E-01
AC008555.8	-0.75	5.09E-01	1.00E+00	0.12	8.84E-01	9.86E-01
CCM2L	0.29	5.61E-01	1.00E+00	-0.13	8.84E-01	9.86E-01
AC074194.1	-3.07	2.41E-01	1.00E+00	0.16	8.84E-01	9.86E-01
TRIM72	-0.81	3.48E-01	1.00E+00	-0.43	8.84E-01	9.86E-01
PCF11	-0.07	8.40E-01	1.00E+00	-0.03	8.84E-01	9.86E-01
CHGA	-4.39	2.14E-12	1.47E-09	-0.17	8.85E-01	9.86E-01
AC090772.4	1.37	3.19E-01	1.00E+00	-0.12	8.85E-01	9.86E-01

AC003071.1	-0.05	9.88E-01	1.00E+00	-0.12	8.85E-01	9.86E-01
NAT1	0.47	2.08E-01	1.00E+00	0.05	8.85E-01	9.86E-01
NAMPTP1	-1.32	2.14E-01	1.00E+00	0.07	8.85E-01	9.86E-01
IMP4	-0.07	6.21E-01	1.00E+00	0.03	8.85E-01	9.86E-01
ZNF575	0.15	7.22E-01	1.00E+00	-0.07	8.85E-01	9.86E-01
DDX10P1	1.47	5.15E-01	1.00E+00	-0.19	8.85E-01	9.86E-01
EDARADD	-0.42	2.40E-01	1.00E+00	-0.08	8.85E-01	9.86E-01
AL021937.2	1.25	3.44E-01	1.00E+00	0.10	8.85E-01	9.86E-01
DEF6	-0.15	6.05E-01	1.00E+00	0.06	8.85E-01	9.86E-01
ZNF710-AS1	-0.01	9.82E-01	1.00E+00	0.06	8.85E-01	9.86E-01
ZNF766	0.02	9.28E-01	1.00E+00	-0.05	8.85E-01	9.86E-01
TCP10L	0.09	9.38E-01	1.00E+00	0.12	8.85E-01	9.86E-01
LRRC55	0.00	9.96E-01	1.00E+00	0.22	8.85E-01	9.86E-01
AC044849.1	-1.06	6.77E-01	1.00E+00	0.12	8.85E-01	9.86E-01
RPL3P7	-3.06	2.59E-01	1.00E+00	-0.12	8.85E-01	9.86E-01
AC005840.2	-1.05	4.26E-01	1.00E+00	0.16	8.85E-01	9.86E-01
AC133644.2	1.79	2.65E-01	1.00E+00	-0.16	8.85E-01	9.86E-01
ZNF57	-0.21	6.84E-01	1.00E+00	0.08	8.85E-01	9.86E-01
KIAA0586	0.00	9.99E-01	1.00E+00	0.03	8.85E-01	9.86E-01
TMEM132A	-0.38	4.83E-01	1.00E+00	0.45	8.85E-01	9.86E-01
PABPC1P3	-1.81	3.13E-01	1.00E+00	0.08	8.85E-01	9.86E-01
HMG1P37	0.38	8.83E-01	1.00E+00	-0.13	8.85E-01	9.86E-01
PITHD1	0.01	9.58E-01	1.00E+00	0.03	8.85E-01	9.86E-01
IFT88	0.22	4.38E-01	1.00E+00	-0.04	8.85E-01	9.86E-01
CCDC190	-1.96	5.64E-01	1.00E+00	-0.26	8.85E-01	9.86E-01
ANKRD12	0.05	8.63E-01	1.00E+00	-0.05	8.85E-01	9.86E-01
SLC41A1	0.03	9.09E-01	1.00E+00	0.06	8.85E-01	9.86E-01
C17orf49	0.48	6.33E-01	1.00E+00	-0.09	8.85E-01	9.86E-01
NPLOC4	0.13	5.52E-01	1.00E+00	0.07	8.85E-01	9.86E-01
GGNBP2	0.01	9.52E-01	1.00E+00	-0.02	8.86E-01	9.86E-01
AL031777.3	-2.69	7.23E-02	1.00E+00	0.18	8.86E-01	9.86E-01
TMEM129	0.14	5.94E-01	1.00E+00	-0.08	8.86E-01	9.86E-01

SREBF2-AS1	0.26	6.13E-01	1.00E+00	0.05	8.86E-01	9.86E-01
EIF3K	-0.20	3.85E-01	1.00E+00	-0.02	8.86E-01	9.86E-01
EBLN3P	0.25	3.02E-01	1.00E+00	0.04	8.86E-01	9.86E-01
RTF1	-0.03	8.66E-01	1.00E+00	0.04	8.86E-01	9.86E-01
VAX2	-0.21	7.75E-01	1.00E+00	-0.13	8.86E-01	9.86E-01
HPD	0.19	8.69E-01	1.00E+00	-0.13	8.86E-01	9.86E-01
XLOC_007528	-0.41	8.51E-01	1.00E+00	0.16	8.86E-01	9.86E-01
KLHL38	-0.28	7.37E-01	1.00E+00	-0.17	8.86E-01	9.86E-01
AC099494.1	1.23	7.18E-01	1.00E+00	-0.20	8.86E-01	9.86E-01
ANO4	-0.54	5.71E-01	1.00E+00	-0.14	8.86E-01	9.86E-01
SLC16A8	0.43	4.67E-01	1.00E+00	-0.09	8.86E-01	9.86E-01
BTF3P10	0.62	8.57E-01	1.00E+00	0.10	8.86E-01	9.86E-01
XLOC_012997	0.58	3.27E-01	1.00E+00	0.10	8.86E-01	9.86E-01
CES4A	0.08	9.02E-01	1.00E+00	-0.07	8.86E-01	9.86E-01
CRY1	0.70	8.12E-03	5.56E-01	0.04	8.86E-01	9.86E-01
AC023512.1	1.11	7.45E-01	1.00E+00	0.13	8.86E-01	9.86E-01
METTL22	0.30	3.12E-01	1.00E+00	0.04	8.86E-01	9.86E-01
DAP	-0.22	3.32E-01	1.00E+00	-0.03	8.86E-01	9.86E-01
SEMA6C	0.13	6.65E-01	1.00E+00	0.12	8.86E-01	9.86E-01
G30917	-1.29	3.52E-01	1.00E+00	0.15	8.86E-01	9.86E-01
ESR1	0.49	4.58E-01	1.00E+00	0.07	8.87E-01	9.86E-01
ANXA11	0.12	5.86E-01	1.00E+00	-0.06	8.87E-01	9.86E-01
RNF24	0.08	8.18E-01	1.00E+00	-0.03	8.87E-01	9.86E-01
AL162311.3	-0.25	7.72E-01	1.00E+00	-0.12	8.87E-01	9.86E-01
IL17RC	-0.10	7.08E-01	1.00E+00	-0.08	8.87E-01	9.86E-01
NAA35	0.15	4.56E-01	1.00E+00	0.03	8.87E-01	9.86E-01
AC087392.5	-0.08	9.24E-01	1.00E+00	0.13	8.87E-01	9.86E-01
PARK7	0.14	5.91E-01	1.00E+00	0.03	8.87E-01	9.86E-01
PTP4A3	-0.64	1.19E-02	6.77E-01	0.06	8.87E-01	9.86E-01
AC025754.2	-4.25	7.38E-02	1.00E+00	0.14	8.87E-01	9.86E-01
GTF2E1	-0.06	8.28E-01	1.00E+00	-0.03	8.87E-01	9.86E-01
SND1	-0.14	4.42E-01	1.00E+00	0.04	8.87E-01	9.86E-01

AC087392.1	-1.10	2.10E-01	1.00E+00	-0.09	8.87E-01	9.86E-01
FBXO46	-0.08	7.55E-01	1.00E+00	-0.08	8.87E-01	9.86E-01
AC135803.1	1.04	7.57E-01	1.00E+00	0.23	8.87E-01	9.86E-01
FMO6P	0.88	7.23E-01	1.00E+00	-0.16	8.87E-01	9.86E-01
KMT2C	-0.26	2.48E-01	1.00E+00	-0.04	8.87E-01	9.86E-01
MPP2	-0.06	9.01E-01	1.00E+00	0.11	8.87E-01	9.86E-01
AP000851.2	-1.13	6.56E-01	1.00E+00	0.18	8.87E-01	9.86E-01
AC142381.3	-0.28	6.73E-01	1.00E+00	-0.18	8.87E-01	9.86E-01
FAM185BP	-0.22	7.17E-01	1.00E+00	0.08	8.87E-01	9.86E-01
AL162274.3	-0.12	9.03E-01	1.00E+00	0.19	8.87E-01	9.86E-01
CNTRL	-0.03	9.13E-01	1.00E+00	-0.05	8.88E-01	9.86E-01
AL139393.1	-0.66	7.13E-01	1.00E+00	0.24	8.88E-01	9.86E-01
IP6K3	-0.18	9.02E-01	1.00E+00	-0.21	8.88E-01	9.86E-01
SHANK3	-0.55	1.03E-01	1.00E+00	0.44	8.88E-01	9.86E-01
SAMD5	-0.18	7.40E-01	1.00E+00	-0.10	8.88E-01	9.86E-01
AC079848.1	0.30	5.79E-01	1.00E+00	0.16	8.88E-01	9.86E-01
GRHL2	-0.29	3.46E-01	1.00E+00	-0.08	8.88E-01	9.86E-01
G23688	-0.57	6.94E-01	1.00E+00	-0.45	8.88E-01	9.86E-01
AC078883.1	-3.22	2.41E-02	9.18E-01	-0.07	8.88E-01	9.86E-01
RPS3A	-0.05	8.92E-01	1.00E+00	0.06	8.88E-01	9.86E-01
KLHL2	0.38	3.62E-01	1.00E+00	-0.08	8.88E-01	9.86E-01
G11276	-0.27	9.08E-01	1.00E+00	-0.17	8.88E-01	9.86E-01
BBIP1	0.04	8.78E-01	1.00E+00	0.03	8.88E-01	9.86E-01
CSRNP2	-0.19	4.63E-01	1.00E+00	0.07	8.88E-01	9.86E-01
ISY1	0.03	8.76E-01	1.00E+00	0.02	8.88E-01	9.86E-01
AC023632.2	-0.85	1.68E-01	1.00E+00	0.09	8.88E-01	9.86E-01
RPLP1	-0.21	5.17E-01	1.00E+00	-0.04	8.88E-01	9.86E-01
AC008555.1	0.47	5.29E-01	1.00E+00	0.19	8.88E-01	9.86E-01
ARHGEF16	-0.52	4.64E-02	1.00E+00	-0.09	8.88E-01	9.86E-01
AC026704.1	0.33	8.96E-01	1.00E+00	-0.14	8.88E-01	9.86E-01
KRTAP1-5	-2.82	2.12E-03	2.39E-01	-0.44	8.88E-01	9.86E-01
G11342	-3.57	6.68E-02	1.00E+00	-0.11	8.88E-01	9.86E-01

PUS7L	-0.03	9.16E-01	1.00E+00	0.04	8.88E-01	9.86E-01
EIF3M	-0.07	7.40E-01	1.00E+00	-0.03	8.88E-01	9.86E-01
XLOC_012999	2.14	1.88E-01	1.00E+00	0.45	8.89E-01	9.86E-01
PSMB2	-0.17	4.08E-01	1.00E+00	-0.02	8.89E-01	9.86E-01
AL354707.1	0.18	7.92E-01	1.00E+00	-0.11	8.89E-01	9.86E-01
AC020910.5	-0.41	7.10E-01	1.00E+00	-0.09	8.89E-01	9.86E-01
LINC01814	-1.14	5.55E-01	1.00E+00	0.14	8.89E-01	9.86E-01
NDN	0.49	2.64E-01	1.00E+00	0.10	8.89E-01	9.86E-01
ATAD5	-0.23	5.12E-01	1.00E+00	0.06	8.89E-01	9.86E-01
ENOSF1	0.49	2.21E-01	1.00E+00	0.04	8.89E-01	9.86E-01
PLP2	-0.07	8.37E-01	1.00E+00	-0.05	8.89E-01	9.86E-01
S100A11	-0.11	6.86E-01	1.00E+00	-0.03	8.89E-01	9.86E-01
PARD3B	0.16	6.70E-01	1.00E+00	0.05	8.89E-01	9.86E-01
PASK	-0.15	5.84E-01	1.00E+00	0.08	8.89E-01	9.86E-01
C15orf41	-0.22	3.57E-01	1.00E+00	0.05	8.89E-01	9.86E-01
ASPA	0.32	4.60E-01	1.00E+00	0.06	8.89E-01	9.86E-01
XLOC_011152	-0.23	7.90E-01	1.00E+00	0.14	8.89E-01	9.86E-01
NCOA5	-0.13	5.94E-01	1.00E+00	0.05	8.89E-01	9.86E-01
KRTAP10-2	-2.67	8.58E-03	5.70E-01	-0.44	8.89E-01	9.86E-01
SMIM35	1.55	4.91E-01	1.00E+00	-0.23	8.89E-01	9.86E-01
FGFR1OP	0.28	5.68E-01	1.00E+00	0.05	8.89E-01	9.86E-01
AC098859.1	NA	NA	NA	0.13	8.89E-01	9.86E-01
SOCS2	0.14	6.38E-01	1.00E+00	0.07	8.90E-01	9.86E-01
FAM102B	0.06	8.64E-01	1.00E+00	0.06	8.90E-01	9.86E-01
AL450063.1	0.90	7.96E-01	1.00E+00	-0.11	8.90E-01	9.86E-01
CCDC120	-0.55	2.25E-01	1.00E+00	0.08	8.90E-01	9.86E-01
AC134043.2	0.76	2.67E-01	1.00E+00	-0.09	8.90E-01	9.86E-01
CTSF	0.53	1.15E-01	1.00E+00	-0.07	8.90E-01	9.86E-01
AC137936.1	-4.04	1.02E-01	1.00E+00	0.44	8.90E-01	9.86E-01
LYVE1	0.20	7.39E-01	1.00E+00	-0.08	8.90E-01	9.86E-01
DNAJC2	0.02	9.20E-01	1.00E+00	-0.03	8.90E-01	9.86E-01
CASC19	1.67	2.36E-02	9.15E-01	0.09	8.90E-01	9.86E-01

MIER1	0.05	8.36E-01	1.00E+00	-0.03	8.90E-01	9.86E-01
SYCP2	-0.29	5.96E-01	1.00E+00	0.08	8.90E-01	9.86E-01
PTPRZ1	-0.38	3.07E-01	1.00E+00	-0.08	8.90E-01	9.86E-01
JAKMIP2	-0.48	3.53E-01	1.00E+00	0.10	8.90E-01	9.86E-01
ERLIN1	0.12	6.06E-01	1.00E+00	-0.02	8.91E-01	9.86E-01
TTC7B	0.38	3.51E-01	1.00E+00	0.09	8.91E-01	9.86E-01
VPS13C	-0.09	6.59E-01	1.00E+00	0.04	8.91E-01	9.86E-01
CAP1P2	NA	NA	NA	-0.08	8.91E-01	9.86E-01
KRI1	-0.31	3.30E-01	1.00E+00	-0.05	8.91E-01	9.86E-01
CAMKV	-3.84	1.16E-03	1.79E-01	-0.43	8.91E-01	9.86E-01
LCE1B	0.56	4.18E-01	1.00E+00	-0.12	8.91E-01	9.86E-01
DHH	0.76	2.75E-01	1.00E+00	-0.12	8.91E-01	9.86E-01
TRAPPC13	0.17	5.63E-01	1.00E+00	0.03	8.91E-01	9.86E-01
AC105345.2	NA	NA	NA	-0.18	8.91E-01	9.86E-01
AL441988.1	0.11	9.60E-01	1.00E+00	-0.13	8.91E-01	9.86E-01
NKAIN3	0.26	8.39E-01	1.00E+00	-0.12	8.91E-01	9.86E-01
ZNF286B	0.27	4.07E-01	1.00E+00	-0.05	8.91E-01	9.86E-01
LINC02344	-0.58	8.68E-01	1.00E+00	-0.27	8.91E-01	9.86E-01
FAM72B	0.32	4.50E-01	1.00E+00	0.06	8.91E-01	9.86E-01
NTN4	0.58	2.82E-01	1.00E+00	0.08	8.91E-01	9.86E-01
LCMT1	-0.05	8.46E-01	1.00E+00	-0.03	8.91E-01	9.86E-01
ATP6V0E2-AS1	0.44	6.58E-01	1.00E+00	-0.15	8.91E-01	9.86E-01
SNX17	0.11	6.10E-01	1.00E+00	-0.02	8.91E-01	9.86E-01
CLMN	0.79	1.30E-01	1.00E+00	-0.08	8.91E-01	9.86E-01
PPP1R3D	-0.22	3.81E-01	1.00E+00	-0.08	8.91E-01	9.86E-01
RGMB	-0.08	8.10E-01	1.00E+00	-0.05	8.91E-01	9.86E-01
DHX34	-0.46	1.39E-01	1.00E+00	0.08	8.91E-01	9.86E-01
NOC3L	0.21	6.21E-01	1.00E+00	0.04	8.92E-01	9.86E-01
C17orf107	0.00	9.97E-01	1.00E+00	0.08	8.92E-01	9.86E-01
HLA-DQA1	0.05	9.49E-01	1.00E+00	-0.08	8.92E-01	9.86E-01
TCF23	-0.36	7.87E-01	1.00E+00	0.18	8.92E-01	9.86E-01
GPC5-AS2	-2.97	2.62E-01	1.00E+00	-0.43	8.92E-01	9.86E-01

SHTN1	-0.31	2.57E-01	1.00E+00	0.04	8.92E-01	9.86E-01
MFAP3L	-0.07	7.93E-01	1.00E+00	-0.05	8.92E-01	9.86E-01
RPL23AP18	-1.60	6.12E-01	1.00E+00	0.16	8.92E-01	9.86E-01
TAS1R3	0.49	5.69E-01	1.00E+00	0.16	8.92E-01	9.86E-01
C6orf47	0.05	8.02E-01	1.00E+00	0.04	8.92E-01	9.86E-01
GALNT12	0.21	6.85E-01	1.00E+00	-0.08	8.92E-01	9.86E-01
NDUFAF1	0.23	1.98E-01	1.00E+00	0.04	8.92E-01	9.86E-01
RPL3P2	-0.07	9.42E-01	1.00E+00	0.12	8.92E-01	9.86E-01
PRKAB1	0.01	9.82E-01	1.00E+00	0.05	8.92E-01	9.86E-01
RASA2	0.18	5.89E-01	1.00E+00	0.04	8.92E-01	9.86E-01
LINC00937	0.57	6.76E-01	1.00E+00	0.10	8.92E-01	9.86E-01
AC130469.1	0.54	8.72E-01	1.00E+00	0.10	8.92E-01	9.86E-01
AL138899.1	-1.07	6.07E-01	1.00E+00	-0.16	8.92E-01	9.86E-01
ZNF235	0.52	2.17E-01	1.00E+00	0.06	8.92E-01	9.86E-01
AGO1	0.10	6.65E-01	1.00E+00	-0.03	8.92E-01	9.86E-01
FAM110A	0.00	9.92E-01	1.00E+00	0.08	8.92E-01	9.86E-01
BEX2	-0.17	6.01E-01	1.00E+00	-0.06	8.92E-01	9.86E-01
PRDM15	-0.42	1.48E-01	1.00E+00	0.06	8.92E-01	9.86E-01
AC006305.1	-1.01	5.41E-01	1.00E+00	0.16	8.92E-01	9.86E-01
REXO4	0.13	5.60E-01	1.00E+00	0.06	8.92E-01	9.86E-01
SPTBN4	-0.66	2.52E-01	1.00E+00	-0.13	8.92E-01	9.86E-01
NKX3-1	-0.87	1.42E-01	1.00E+00	-0.07	8.92E-01	9.86E-01
RDM1	-1.70	2.38E-01	1.00E+00	-0.13	8.92E-01	9.86E-01
PHKG2	-0.31	1.39E-01	1.00E+00	-0.02	8.92E-01	9.86E-01
KRT8P33	-0.96	2.53E-01	1.00E+00	0.12	8.93E-01	9.86E-01
AC007114.1	-0.17	6.22E-01	1.00E+00	-0.05	8.93E-01	9.86E-01
WDR24	0.05	8.66E-01	1.00E+00	-0.06	8.93E-01	9.86E-01
CAPS2	0.01	9.84E-01	1.00E+00	0.05	8.93E-01	9.86E-01
CITED4	-0.42	2.91E-01	1.00E+00	-0.12	8.93E-01	9.86E-01
DDX55	-0.13	5.98E-01	1.00E+00	-0.04	8.93E-01	9.86E-01
LINC02315	-1.19	4.03E-01	1.00E+00	-0.32	8.93E-01	9.86E-01
RPS26P11	0.59	7.22E-01	1.00E+00	0.11	8.93E-01	9.86E-01

GOLGA8M	-0.02	9.94E-01	1.00E+00	0.16	8.93E-01	9.86E-01
AP002449.1	0.03	9.91E-01	1.00E+00	-0.13	8.93E-01	9.86E-01
XLOC_002840	-2.93	2.86E-01	1.00E+00	-0.12	8.93E-01	9.86E-01
XLOC_004680	-1.08	6.27E-01	1.00E+00	-0.17	8.93E-01	9.86E-01
10-Mar	-2.15	3.57E-01	1.00E+00	0.19	8.93E-01	9.86E-01
FRAT1	-0.16	5.69E-01	1.00E+00	0.10	8.93E-01	9.86E-01
XLOC_013955	-0.55	8.60E-01	1.00E+00	0.20	8.93E-01	9.86E-01
UGT8	-0.68	2.77E-01	1.00E+00	0.10	8.93E-01	9.86E-01
CTC1	0.21	4.58E-01	1.00E+00	-0.05	8.93E-01	9.86E-01
MYO7B	0.71	2.43E-01	1.00E+00	-0.06	8.93E-01	9.86E-01
LRRC41	-0.01	9.60E-01	1.00E+00	0.03	8.94E-01	9.86E-01
ANKRD54	0.20	4.17E-01	1.00E+00	-0.04	8.94E-01	9.86E-01
BNIP3	0.31	1.72E-01	1.00E+00	0.05	8.94E-01	9.86E-01
XLOC_002606	2.81	3.73E-01	1.00E+00	0.16	8.94E-01	9.86E-01
AC008758.6	-1.10	5.97E-01	1.00E+00	0.14	8.94E-01	9.86E-01
AMBN	-6.46	6.36E-02	1.00E+00	0.37	8.94E-01	9.86E-01
AL023583.1	-2.70	3.54E-02	1.00E+00	-0.10	8.94E-01	9.86E-01
RHBG	-0.24	6.56E-01	1.00E+00	-0.10	8.94E-01	9.86E-01
DMRT2	1.09	3.63E-02	1.00E+00	-0.12	8.94E-01	9.86E-01
NELFA	-0.15	5.88E-01	1.00E+00	-0.04	8.94E-01	9.86E-01
VN1R1	0.29	7.70E-01	1.00E+00	-0.12	8.94E-01	9.86E-01
EMID1	-0.15	8.01E-01	1.00E+00	0.40	8.94E-01	9.86E-01
GSTA1	-0.48	6.29E-01	1.00E+00	0.11	8.94E-01	9.86E-01
TMEM136	0.58	2.92E-01	1.00E+00	0.07	8.94E-01	9.86E-01
AL365205.1	-0.65	7.08E-01	1.00E+00	0.09	8.94E-01	9.86E-01
RAD54L2	0.13	5.89E-01	1.00E+00	0.02	8.94E-01	9.86E-01
RPL6P27	-0.33	3.96E-01	1.00E+00	-0.06	8.94E-01	9.86E-01
MYL6P5	NA	NA	NA	0.10	8.94E-01	9.86E-01
RAB19	-2.32	1.25E-01	1.00E+00	0.16	8.94E-01	9.86E-01
ATG9A	-0.22	3.52E-01	1.00E+00	-0.06	8.94E-01	9.86E-01
DNMBP	-0.04	9.05E-01	1.00E+00	-0.05	8.94E-01	9.86E-01
AL590556.1	0.56	8.71E-01	1.00E+00	0.42	8.94E-01	9.86E-01

PROSER3	-0.68	6.57E-02	1.00E+00	-0.05	8.94E-01	9.86E-01
MINDY2	0.32	2.64E-01	1.00E+00	0.03	8.94E-01	9.86E-01
ADGRE3	4.00	2.33E-01	1.00E+00	0.30	8.94E-01	9.86E-01
SEC14L5	0.28	6.34E-01	1.00E+00	0.09	8.94E-01	9.86E-01
G27376	-1.98	5.62E-01	1.00E+00	-0.22	8.94E-01	9.86E-01
PHLDA1	0.14	7.32E-01	1.00E+00	0.04	8.94E-01	9.86E-01
AOC2	1.41	1.10E-01	1.00E+00	0.32	8.94E-01	9.86E-01
CHRN2	-1.51	7.76E-02	1.00E+00	0.16	8.94E-01	9.86E-01
MTBP	-0.59	7.03E-02	1.00E+00	0.07	8.94E-01	9.86E-01
OTOF	-0.21	7.76E-01	1.00E+00	0.38	8.94E-01	9.86E-01
GRM2	-1.38	3.08E-02	1.00E+00	-0.22	8.95E-01	9.86E-01
AC009509.1	-0.25	8.98E-01	1.00E+00	0.42	8.95E-01	9.86E-01
STAU1	-0.11	4.93E-01	1.00E+00	0.03	8.95E-01	9.86E-01
HMGCR	-0.27	5.36E-01	1.00E+00	0.05	8.95E-01	9.86E-01
MMGT1	0.27	1.51E-01	1.00E+00	0.03	8.95E-01	9.86E-01
G30504	-0.91	3.64E-01	1.00E+00	-0.11	8.95E-01	9.86E-01
BCO1	-1.35	5.99E-02	1.00E+00	0.08	8.95E-01	9.86E-01
CTSZ	0.13	7.03E-01	1.00E+00	0.41	8.95E-01	9.86E-01
TMEM86B	-1.09	2.17E-01	1.00E+00	-0.10	8.95E-01	9.86E-01
G42645	0.62	3.46E-01	1.00E+00	0.17	8.95E-01	9.86E-01
SCN3B	-0.60	2.26E-01	1.00E+00	0.04	8.95E-01	9.86E-01
AC055713.1	-0.01	9.89E-01	1.00E+00	0.07	8.95E-01	9.86E-01
PREX2	0.46	2.70E-01	1.00E+00	-0.08	8.95E-01	9.86E-01
RADIL	0.36	3.63E-01	1.00E+00	-0.09	8.95E-01	9.86E-01
MIR3682	1.63	3.56E-01	1.00E+00	-0.09	8.95E-01	9.86E-01
B3GNTL1	-0.05	9.31E-01	1.00E+00	0.03	8.95E-01	9.86E-01
AL031599.1	0.87	1.89E-01	1.00E+00	-0.14	8.95E-01	9.86E-01
CYP1A1	1.80	1.87E-01	1.00E+00	0.41	8.95E-01	9.86E-01
CDH24	-0.35	4.17E-01	1.00E+00	0.14	8.95E-01	9.86E-01
ABRAXAS2	0.07	6.83E-01	1.00E+00	-0.03	8.95E-01	9.86E-01
RCC2	-0.04	8.92E-01	1.00E+00	0.06	8.95E-01	9.86E-01
AL157392.2	-0.62	7.72E-01	1.00E+00	0.21	8.95E-01	9.86E-01

AC124283.2	-0.95	3.69E-01	1.00E+00	0.13	8.95E-01	9.86E-01
AL451064.1	-1.19	7.32E-01	1.00E+00	-0.20	8.95E-01	9.86E-01
CLTB	0.25	4.39E-01	1.00E+00	-0.06	8.95E-01	9.86E-01
AC004987.2	-0.78	2.92E-01	1.00E+00	0.04	8.95E-01	9.86E-01
AC129502.1	2.76	3.10E-01	1.00E+00	-0.13	8.95E-01	9.86E-01
RPS27AP12	-1.28	7.07E-01	1.00E+00	0.14	8.95E-01	9.86E-01
TRABD2B	-0.02	9.68E-01	1.00E+00	-0.33	8.95E-01	9.86E-01
AC009948.2	-1.14	7.38E-01	1.00E+00	-0.08	8.95E-01	9.86E-01
AL021368.2	0.31	5.01E-01	1.00E+00	0.07	8.95E-01	9.86E-01
ZNF699	0.04	9.45E-01	1.00E+00	0.08	8.95E-01	9.86E-01
HRK	-1.04	3.49E-01	1.00E+00	0.12	8.95E-01	9.86E-01
AC091271.1	0.56	1.97E-01	1.00E+00	-0.06	8.96E-01	9.86E-01
PPP1R3G	0.22	5.51E-01	1.00E+00	-0.08	8.96E-01	9.86E-01
COL9A2	-0.30	6.09E-01	1.00E+00	-0.39	8.96E-01	9.86E-01
KHDC1	-2.34	9.92E-02	1.00E+00	-0.09	8.96E-01	9.86E-01
SLC26A6	-0.24	4.04E-01	1.00E+00	-0.06	8.96E-01	9.86E-01
RDX	0.10	7.03E-01	1.00E+00	-0.03	8.96E-01	9.86E-01
COL4A6	-0.47	6.84E-02	1.00E+00	-0.06	8.96E-01	9.86E-01
AL049767.1	-0.10	9.41E-01	1.00E+00	-0.10	8.96E-01	9.86E-01
AC087521.3	-0.40	7.30E-01	1.00E+00	0.12	8.96E-01	9.86E-01
AC023818.1	-1.19	4.61E-01	1.00E+00	0.09	8.96E-01	9.86E-01
PPP1R3F	-0.33	2.77E-01	1.00E+00	-0.08	8.96E-01	9.86E-01
NRAP	-0.96	4.07E-01	1.00E+00	-0.18	8.96E-01	9.86E-01
STC1	-0.28	5.52E-01	1.00E+00	0.06	8.96E-01	9.86E-01
PKN2	0.17	5.23E-01	1.00E+00	-0.02	8.96E-01	9.86E-01
AL139022.1	-1.09	4.04E-01	1.00E+00	-0.12	8.96E-01	9.86E-01
AC062029.1	0.15	7.94E-01	1.00E+00	-0.07	8.96E-01	9.86E-01
PDP2	0.34	2.22E-01	1.00E+00	0.05	8.96E-01	9.86E-01
HS1BP3	0.01	9.53E-01	1.00E+00	0.06	8.96E-01	9.86E-01
PPP1R3E	-0.25	2.55E-01	1.00E+00	-0.06	8.96E-01	9.86E-01
AL671883.2	-1.95	5.67E-01	1.00E+00	0.12	8.96E-01	9.86E-01
HMGB1P8	0.56	8.71E-01	1.00E+00	-0.08	8.96E-01	9.86E-01

GAPDHP63	NA	NA	NA	-0.11	8.96E-01	9.86E-01
GLYCTK	0.04	9.53E-01	1.00E+00	0.08	8.96E-01	9.86E-01
SRSF4	0.13	2.88E-01	1.00E+00	0.03	8.96E-01	9.86E-01
SMPD2	-0.15	7.12E-01	1.00E+00	-0.04	8.96E-01	9.86E-01
CXXC5	-0.10	5.48E-01	1.00E+00	-0.06	8.96E-01	9.86E-01
LINC01239	0.57	8.58E-01	1.00E+00	-0.15	8.96E-01	9.86E-01
ARHGEF4	-0.60	1.07E-01	1.00E+00	0.07	8.96E-01	9.86E-01
COPA	0.09	5.25E-01	1.00E+00	0.03	8.96E-01	9.86E-01
AL390066.1	0.78	5.80E-01	1.00E+00	-0.21	8.96E-01	9.86E-01
AC008438.1	-0.56	2.03E-01	1.00E+00	-0.05	8.96E-01	9.86E-01
RPL12P4	-0.35	3.62E-01	1.00E+00	0.04	8.96E-01	9.86E-01
NSUN7	-0.06	9.05E-01	1.00E+00	0.07	8.97E-01	9.86E-01
AC097059.1	-3.40	2.22E-02	8.97E-01	0.10	8.97E-01	9.86E-01
XLOC_009819	0.08	9.63E-01	1.00E+00	-0.39	8.97E-01	9.86E-01
ZBTB3	-0.13	7.33E-01	1.00E+00	0.05	8.97E-01	9.86E-01
RPL22P1	0.04	9.24E-01	1.00E+00	0.06	8.97E-01	9.86E-01
TIPIN	-0.08	8.07E-01	1.00E+00	0.04	8.97E-01	9.86E-01
ADH1A	1.51	6.62E-01	1.00E+00	0.11	8.97E-01	9.86E-01
KCNA5	-0.99	1.87E-01	1.00E+00	-0.39	8.97E-01	9.86E-01
MAST3	-0.31	2.13E-01	1.00E+00	-0.04	8.97E-01	9.86E-01
HOXA-AS2	-1.20	4.40E-02	1.00E+00	0.09	8.97E-01	9.86E-01
HSP90B1	0.00	9.80E-01	1.00E+00	0.03	8.97E-01	9.86E-01
BMS1P15	0.16	9.03E-01	1.00E+00	-0.09	8.97E-01	9.86E-01
CCDC192	-0.42	6.64E-01	1.00E+00	-0.09	8.97E-01	9.86E-01
AL109983.1	NA	NA	NA	0.17	8.97E-01	9.86E-01
AL035413.1	-1.52	1.73E-01	1.00E+00	0.08	8.97E-01	9.86E-01
CEP170P1	0.68	4.94E-01	1.00E+00	-0.07	8.97E-01	9.86E-01
ACADS	0.44	3.61E-01	1.00E+00	-0.07	8.97E-01	9.86E-01
ARHGAP8	0.89	3.60E-01	1.00E+00	0.11	8.97E-01	9.86E-01
AC139495.1	-0.23	8.69E-01	1.00E+00	0.13	8.97E-01	9.86E-01
LINC01023	-0.15	9.66E-01	1.00E+00	-0.10	8.97E-01	9.86E-01
TBX1	-0.65	1.32E-01	1.00E+00	-0.29	8.97E-01	9.86E-01

ALDH1B1	-0.35	5.16E-01	1.00E+00	0.06	8.97E-01	9.86E-01
SCN11A	0.02	9.74E-01	1.00E+00	0.29	8.97E-01	9.86E-01
PLSCR4	0.49	1.66E-01	1.00E+00	-0.05	8.97E-01	9.86E-01
PET117	1.40	4.33E-01	1.00E+00	0.11	8.98E-01	9.86E-01
RPL7P9	-0.03	9.47E-01	1.00E+00	0.09	8.98E-01	9.86E-01
AC107027.3	0.40	1.54E-01	1.00E+00	-0.07	8.98E-01	9.86E-01
LINC00114	NA	NA	NA	-0.37	8.98E-01	9.86E-01
HSPA8P4	1.31	6.98E-01	1.00E+00	0.13	8.98E-01	9.86E-01
GATAD1	0.32	1.79E-01	1.00E+00	-0.05	8.98E-01	9.86E-01
ANKS6	0.40	2.55E-01	1.00E+00	0.07	8.98E-01	9.86E-01
AC113174.1	-1.22	5.82E-01	1.00E+00	0.08	8.98E-01	9.86E-01
AL139100.1	-0.90	6.29E-01	1.00E+00	0.40	8.98E-01	9.86E-01
CDH13	-0.29	3.47E-01	1.00E+00	0.04	8.98E-01	9.86E-01
TLDC2	1.06	4.37E-01	1.00E+00	0.12	8.98E-01	9.86E-01
GLB1L3	0.25	2.74E-01	1.00E+00	-0.06	8.98E-01	9.86E-01
AC009061.1	0.04	9.61E-01	1.00E+00	-0.14	8.98E-01	9.86E-01
IBA57	0.06	8.32E-01	1.00E+00	0.04	8.98E-01	9.86E-01
XLOC_003111	0.83	2.51E-01	1.00E+00	-0.08	8.98E-01	9.86E-01
SLC49A3	0.10	7.83E-01	1.00E+00	0.12	8.98E-01	9.86E-01
KRTAP5-1	-2.88	5.71E-02	1.00E+00	-0.41	8.98E-01	9.86E-01
ZNF702P	0.43	5.78E-01	1.00E+00	-0.07	8.98E-01	9.86E-01
ZNF725P	1.29	6.59E-01	1.00E+00	0.41	8.98E-01	9.86E-01
AC009318.2	-0.65	5.95E-01	1.00E+00	0.10	8.98E-01	9.86E-01
GNAQ	-0.01	9.84E-01	1.00E+00	0.05	8.98E-01	9.86E-01
GRIK1	-0.15	8.11E-01	1.00E+00	0.09	8.99E-01	9.86E-01
C2orf74	0.92	7.17E-01	1.00E+00	-0.10	8.99E-01	9.86E-01
AC012313.5	0.48	3.71E-01	1.00E+00	-0.11	8.99E-01	9.86E-01
PFKFB3	0.55	3.33E-01	1.00E+00	-0.06	8.99E-01	9.86E-01
GYS1	0.02	9.20E-01	1.00E+00	-0.06	8.99E-01	9.86E-01
RNF17	-3.61	2.29E-01	1.00E+00	0.20	8.99E-01	9.86E-01
SLC9C1	1.00	2.86E-01	1.00E+00	-0.10	8.99E-01	9.86E-01
GEMIN2	0.46	1.45E-01	1.00E+00	-0.04	8.99E-01	9.86E-01

KDM8	-0.35	2.98E-01	1.00E+00	0.07	8.99E-01	9.86E-01
TP63	-0.12	7.42E-01	1.00E+00	-0.07	8.99E-01	9.86E-01
ZC3H15	0.09	6.67E-01	1.00E+00	-0.02	8.99E-01	9.86E-01
ABCG5	0.57	7.42E-01	1.00E+00	0.14	8.99E-01	9.86E-01
PSMB3	-0.29	1.37E-01	1.00E+00	-0.03	8.99E-01	9.86E-01
POT1	0.33	2.04E-01	1.00E+00	-0.03	8.99E-01	9.86E-01
B4GALNT4	-0.81	1.27E-01	1.00E+00	-0.40	8.99E-01	9.86E-01
AC092053.2	-0.39	8.05E-01	1.00E+00	-0.14	8.99E-01	9.86E-01
AC080037.1	-1.91	3.51E-01	1.00E+00	-0.16	8.99E-01	9.86E-01
LRRRC61	0.04	9.05E-01	1.00E+00	0.06	8.99E-01	9.86E-01
KANSL2	0.09	6.50E-01	1.00E+00	0.03	8.99E-01	9.86E-01
ZNF334	0.49	5.62E-01	1.00E+00	0.08	8.99E-01	9.86E-01
AP5Z1	0.01	9.72E-01	1.00E+00	-0.05	8.99E-01	9.86E-01
SEPT7P9	-0.25	8.66E-01	1.00E+00	-0.09	8.99E-01	9.86E-01
PLPP6	-0.33	3.13E-01	1.00E+00	-0.03	8.99E-01	9.86E-01
PDLIM5	0.13	5.21E-01	1.00E+00	0.02	9.00E-01	9.86E-01
OSBPL2	0.15	5.95E-01	1.00E+00	0.02	9.00E-01	9.86E-01
RNF181	0.10	5.73E-01	1.00E+00	0.04	9.00E-01	9.86E-01
AL513123.1	-1.55	6.55E-01	1.00E+00	0.24	9.00E-01	9.86E-01
RAPGEF3	0.08	8.60E-01	1.00E+00	0.07	9.00E-01	9.86E-01
AC092634.3	2.63	1.13E-01	1.00E+00	-0.13	9.00E-01	9.86E-01
AL358472.1	NA	NA	NA	0.40	9.00E-01	9.86E-01
AC135178.3	0.55	3.89E-01	1.00E+00	0.08	9.00E-01	9.86E-01
GART	0.03	8.95E-01	1.00E+00	0.03	9.00E-01	9.86E-01
PPIAP2	-2.48	4.68E-01	1.00E+00	0.19	9.00E-01	9.86E-01
OTC	-0.23	9.31E-01	1.00E+00	0.23	9.00E-01	9.86E-01
PSMD2	0.04	8.53E-01	1.00E+00	0.03	9.00E-01	9.86E-01
AC110749.1	-1.60	5.52E-01	1.00E+00	-0.08	9.00E-01	9.86E-01
SLC10A3	-0.17	5.70E-01	1.00E+00	-0.03	9.00E-01	9.86E-01
XLOC_006476	0.28	8.14E-01	1.00E+00	0.14	9.00E-01	9.86E-01
STAC	-0.12	8.43E-01	1.00E+00	0.07	9.00E-01	9.86E-01
TRAP1	-0.15	4.50E-01	1.00E+00	-0.03	9.00E-01	9.86E-01

MAX	0.20	2.29E-01	1.00E+00	0.04	9.00E-01	9.86E-01
ZPR1	0.04	7.99E-01	1.00E+00	-0.04	9.01E-01	9.86E-01
PICK1	0.00	9.84E-01	1.00E+00	-0.10	9.01E-01	9.86E-01
XLOC_014263	-1.78	3.83E-01	1.00E+00	0.18	9.01E-01	9.86E-01
DDAH1	0.25	5.08E-01	1.00E+00	-0.04	9.01E-01	9.86E-01
AC025419.1	0.85	7.58E-01	1.00E+00	-0.14	9.01E-01	9.86E-01
DCLRE1C	0.23	4.82E-01	1.00E+00	0.04	9.01E-01	9.87E-01
TAF5	-0.15	7.27E-01	1.00E+00	-0.06	9.01E-01	9.87E-01
CU639417.3	-0.54	4.67E-01	1.00E+00	-0.08	9.01E-01	9.87E-01
DENND1B	-0.13	6.81E-01	1.00E+00	-0.05	9.01E-01	9.87E-01
WARS	-0.32	3.71E-01	1.00E+00	0.07	9.01E-01	9.87E-01
AC008155.1	-1.95	5.70E-01	1.00E+00	0.11	9.01E-01	9.87E-01
CDK1	0.34	4.50E-01	1.00E+00	0.04	9.01E-01	9.87E-01
MMP28	0.27	4.90E-01	1.00E+00	0.04	9.01E-01	9.87E-01
DPM3	0.23	2.53E-01	1.00E+00	-0.02	9.01E-01	9.87E-01
LAD1	-0.26	5.73E-01	1.00E+00	0.08	9.01E-01	9.87E-01
AC016757.1	0.79	3.62E-01	1.00E+00	0.13	9.01E-01	9.87E-01
SH3RF2	0.06	8.77E-01	1.00E+00	-0.06	9.01E-01	9.87E-01
IL17RE	-0.07	8.44E-01	1.00E+00	0.07	9.01E-01	9.87E-01
AC097375.3	1.31	3.17E-01	1.00E+00	-0.39	9.02E-01	9.87E-01
HIPK4	0.15	8.01E-01	1.00E+00	0.17	9.02E-01	9.87E-01
TNKS2	0.15	5.09E-01	1.00E+00	0.06	9.02E-01	9.87E-01
SRCAP	-0.32	4.40E-01	1.00E+00	0.07	9.02E-01	9.87E-01
TP73-AS1	-0.15	6.14E-01	1.00E+00	0.07	9.02E-01	9.87E-01
CLTRN	-0.44	6.24E-01	1.00E+00	-0.08	9.02E-01	9.87E-01
CFAP61	0.13	8.72E-01	1.00E+00	-0.08	9.02E-01	9.87E-01
STAG1	-0.19	3.92E-01	1.00E+00	-0.03	9.02E-01	9.87E-01
ZNF311	0.12	7.65E-01	1.00E+00	0.09	9.02E-01	9.87E-01
MARVELD2	0.09	7.23E-01	1.00E+00	-0.05	9.02E-01	9.87E-01
FAM183A	-0.24	7.05E-01	1.00E+00	-0.08	9.02E-01	9.87E-01
EPN3	-0.19	6.62E-01	1.00E+00	-0.10	9.02E-01	9.87E-01
C1orf198	-0.02	9.37E-01	1.00E+00	0.03	9.02E-01	9.87E-01

RAB3D	0.02	9.50E-01	1.00E+00	0.04	9.02E-01	9.87E-01
NSG1	0.10	8.07E-01	1.00E+00	0.07	9.02E-01	9.87E-01
LGR6	-0.48	2.58E-01	1.00E+00	0.07	9.02E-01	9.87E-01
AL137145.2	-0.09	9.75E-01	1.00E+00	0.13	9.02E-01	9.87E-01
AC012174.1	1.27	7.13E-01	1.00E+00	-0.21	9.02E-01	9.87E-01
ABCB5	0.54	6.22E-01	1.00E+00	0.14	9.02E-01	9.87E-01
TUBA1B	-0.10	6.63E-01	1.00E+00	0.04	9.02E-01	9.87E-01
RPSAP6	NA	NA	NA	0.23	9.02E-01	9.87E-01
NCOA3	-0.02	9.41E-01	1.00E+00	0.03	9.03E-01	9.87E-01
AL031708.1	0.84	6.17E-01	1.00E+00	-0.14	9.03E-01	9.87E-01
ATG4A	0.21	3.07E-01	1.00E+00	0.03	9.03E-01	9.87E-01
CETP	0.33	6.44E-01	1.00E+00	0.10	9.03E-01	9.87E-01
ZNF497	-0.60	2.56E-01	1.00E+00	-0.11	9.03E-01	9.87E-01
PCDHB6	-0.37	3.51E-01	1.00E+00	0.08	9.03E-01	9.87E-01
HSPB1	-0.26	4.67E-01	1.00E+00	-0.05	9.03E-01	9.87E-01
FANCD2	-0.29	4.28E-01	1.00E+00	-0.05	9.03E-01	9.87E-01
G41963	-0.61	5.60E-01	1.00E+00	0.10	9.03E-01	9.87E-01
AC090229.1	0.05	9.59E-01	1.00E+00	0.10	9.03E-01	9.87E-01
HINFP	-0.27	2.80E-01	1.00E+00	0.03	9.03E-01	9.87E-01
AC008760.1	-1.55	3.69E-01	1.00E+00	0.14	9.03E-01	9.87E-01
AC131235.1	-1.73	2.42E-01	1.00E+00	-0.08	9.03E-01	9.87E-01
SUPT16H	-0.03	8.89E-01	1.00E+00	-0.01	9.03E-01	9.87E-01
LINC02601	1.21	6.28E-01	1.00E+00	0.12	9.03E-01	9.87E-01
ACD	-0.16	4.58E-01	1.00E+00	0.03	9.03E-01	9.87E-01
ADH1B	1.54	5.15E-03	4.18E-01	0.09	9.03E-01	9.87E-01
ASH1L	-0.11	5.38E-01	1.00E+00	0.03	9.03E-01	9.87E-01
AC005042.2	0.12	9.10E-01	1.00E+00	0.13	9.03E-01	9.87E-01
G25761	-2.68	2.63E-01	1.00E+00	0.18	9.03E-01	9.87E-01
TENT5C	-0.11	6.85E-01	1.00E+00	-0.05	9.03E-01	9.87E-01
SCUBE1	0.93	1.38E-01	1.00E+00	-0.11	9.04E-01	9.87E-01
MTUS1	0.19	5.75E-01	1.00E+00	0.03	9.04E-01	9.87E-01
XLOC_002952	-2.63	8.62E-02	1.00E+00	-0.10	9.04E-01	9.87E-01

G26933	-1.07	3.56E-01	1.00E+00	-0.09	9.04E-01	9.87E-01
FAM19A5	0.61	9.82E-02	1.00E+00	0.09	9.04E-01	9.87E-01
TERB2	-0.15	9.67E-01	1.00E+00	0.25	9.04E-01	9.87E-01
RRM2P3	0.34	7.50E-01	1.00E+00	-0.13	9.04E-01	9.87E-01
AL139384.1	-0.24	5.27E-01	1.00E+00	-0.05	9.04E-01	9.87E-01
AC007790.1	-1.17	7.37E-01	1.00E+00	0.33	9.04E-01	9.87E-01
AC027309.2	-0.91	4.37E-01	1.00E+00	-0.10	9.04E-01	9.87E-01
GPR156	-1.49	2.11E-02	8.94E-01	0.10	9.04E-01	9.87E-01
LINC02560	0.27	5.39E-01	1.00E+00	0.07	9.04E-01	9.87E-01
ABHD4	0.19	4.81E-01	1.00E+00	0.04	9.04E-01	9.87E-01
FLOT2	-0.01	9.80E-01	1.00E+00	-0.05	9.04E-01	9.87E-01
TAF7L	-0.60	5.84E-01	1.00E+00	0.13	9.04E-01	9.87E-01
RPSAP69	0.57	6.40E-01	1.00E+00	-0.12	9.04E-01	9.87E-01
ZNF607	0.83	3.21E-02	1.00E+00	0.06	9.04E-01	9.87E-01
AC040977.1	-0.03	9.32E-01	1.00E+00	-0.06	9.05E-01	9.87E-01
UBQLN4	-0.22	2.26E-01	1.00E+00	0.07	9.05E-01	9.87E-01
ZNF439	0.15	7.19E-01	1.00E+00	-0.03	9.05E-01	9.87E-01
FRK	0.11	7.50E-01	1.00E+00	0.06	9.05E-01	9.87E-01
HSPD1P3	-1.10	7.53E-01	1.00E+00	0.39	9.05E-01	9.87E-01
GRIN3B	-2.26	1.01E-01	1.00E+00	0.38	9.05E-01	9.87E-01
AL023803.2	0.54	6.69E-01	1.00E+00	-0.15	9.05E-01	9.87E-01
LINC00570	-2.99	8.04E-02	1.00E+00	0.38	9.05E-01	9.87E-01
AC004877.2	-0.36	7.23E-01	1.00E+00	-0.09	9.05E-01	9.87E-01
KCNB1	1.12	1.50E-01	1.00E+00	-0.10	9.05E-01	9.87E-01
PPP1CA	-0.28	2.40E-01	1.00E+00	0.03	9.05E-01	9.87E-01
RBFOX3	-2.29	1.03E-01	1.00E+00	0.16	9.05E-01	9.87E-01
PARG	-0.03	9.00E-01	1.00E+00	-0.02	9.05E-01	9.87E-01
PYROXD2	0.75	3.42E-01	1.00E+00	0.05	9.05E-01	9.87E-01
RAB29	0.20	6.25E-01	1.00E+00	0.05	9.05E-01	9.87E-01
CACNA1G	0.36	5.83E-01	1.00E+00	0.37	9.05E-01	9.87E-01
TMEM151A	-3.55	2.15E-03	2.39E-01	-0.14	9.05E-01	9.87E-01
RSPO4	-0.54	5.66E-01	1.00E+00	0.37	9.05E-01	9.87E-01

PCDHA3	1.20	2.18E-01	1.00E+00	-0.36	9.05E-01	9.87E-01
TPM2	-0.61	2.94E-01	1.00E+00	-0.05	9.05E-01	9.87E-01
NUDT16L1	-0.23	3.11E-01	1.00E+00	-0.03	9.05E-01	9.87E-01
ARMH3	-0.05	7.90E-01	1.00E+00	0.03	9.05E-01	9.87E-01
C8orf88	-0.58	1.21E-01	1.00E+00	-0.05	9.05E-01	9.87E-01
AL591379.1	-0.87	8.00E-01	1.00E+00	0.17	9.05E-01	9.87E-01
AC002558.3	-0.20	8.70E-01	1.00E+00	0.09	9.05E-01	9.87E-01
PMS2P7	-0.42	5.88E-01	1.00E+00	-0.06	9.06E-01	9.87E-01
TRDC	0.15	8.93E-01	1.00E+00	-0.08	9.06E-01	9.87E-01
SH3GL3	-0.83	2.37E-01	1.00E+00	-0.12	9.06E-01	9.87E-01
NIN	-0.25	3.69E-01	1.00E+00	0.05	9.06E-01	9.87E-01
AP003084.1	0.46	5.95E-01	1.00E+00	-0.12	9.06E-01	9.87E-01
SPR	0.08	8.31E-01	1.00E+00	-0.04	9.06E-01	9.87E-01
METTL2B	-0.05	8.51E-01	1.00E+00	0.04	9.06E-01	9.87E-01
TRIM35	0.15	7.35E-01	1.00E+00	-0.04	9.06E-01	9.87E-01
SORT1	0.16	5.40E-01	1.00E+00	-0.03	9.06E-01	9.87E-01
PDXDC1	0.22	3.75E-01	1.00E+00	-0.03	9.06E-01	9.87E-01
CYB5R2	-0.02	9.31E-01	1.00E+00	-0.04	9.06E-01	9.87E-01
ARHGAP27P2	-2.17	8.96E-02	1.00E+00	-0.15	9.06E-01	9.87E-01
PTPN5	-1.08	3.02E-01	1.00E+00	-0.14	9.06E-01	9.87E-01
KRTAP9-7	-6.41	6.55E-02	1.00E+00	0.38	9.06E-01	9.87E-01
ZNF483	-0.05	9.42E-01	1.00E+00	0.08	9.06E-01	9.87E-01
LINC01229	0.67	3.73E-01	1.00E+00	-0.09	9.06E-01	9.87E-01
USP6NL	-0.15	5.97E-01	1.00E+00	-0.04	9.06E-01	9.87E-01
TMPO-AS1	-0.13	8.24E-01	1.00E+00	-0.09	9.06E-01	9.87E-01
LINC01527	3.16	3.50E-01	1.00E+00	0.18	9.06E-01	9.87E-01
ACO2	-0.10	6.78E-01	1.00E+00	-0.03	9.06E-01	9.87E-01
MT1M	0.00	9.93E-01	1.00E+00	0.04	9.06E-01	9.87E-01
SIM1	1.23	1.05E-02	6.33E-01	-0.28	9.06E-01	9.87E-01
GALNT7	0.53	4.66E-01	1.00E+00	0.05	9.06E-01	9.87E-01
CFTR	-0.28	6.61E-01	1.00E+00	-0.08	9.06E-01	9.87E-01
ZCCHC7	0.10	5.70E-01	1.00E+00	-0.02	9.06E-01	9.87E-01

BMP4	0.28	2.47E-01	1.00E+00	0.04	9.07E-01	9.87E-01
BX537318.2	-1.03	5.22E-01	1.00E+00	0.27	9.07E-01	9.87E-01
AC098864.1	0.59	6.73E-01	1.00E+00	0.12	9.07E-01	9.87E-01
DDIT3	-0.10	8.15E-01	1.00E+00	0.03	9.07E-01	9.87E-01
TXNP4	-0.72	8.35E-01	1.00E+00	-0.10	9.07E-01	9.87E-01
HCFC2	0.22	5.60E-01	1.00E+00	0.03	9.07E-01	9.87E-01
KCNJ12	0.07	9.04E-01	1.00E+00	0.06	9.07E-01	9.87E-01
AC092755.2	1.81	5.94E-01	1.00E+00	-0.14	9.07E-01	9.87E-01
AC007038.2	-2.35	3.26E-01	1.00E+00	-0.11	9.07E-01	9.87E-01
IRF6	-0.09	7.69E-01	1.00E+00	-0.05	9.07E-01	9.87E-01
PIMREG	0.23	5.71E-01	1.00E+00	0.06	9.07E-01	9.87E-01
AL109618.1	0.93	5.85E-01	1.00E+00	-0.06	9.07E-01	9.87E-01
JAM2	-0.07	8.71E-01	1.00E+00	-0.06	9.07E-01	9.87E-01
MDP1	NA	NA	NA	-0.13	9.07E-01	9.87E-01
SPOUT1	-0.01	9.74E-01	1.00E+00	0.02	9.07E-01	9.87E-01
RECK	1.00	1.99E-02	8.80E-01	0.05	9.07E-01	9.87E-01
PARD6B	0.44	2.29E-01	1.00E+00	-0.06	9.07E-01	9.87E-01
HS6ST2	-0.01	9.89E-01	1.00E+00	0.13	9.07E-01	9.87E-01
MAMDC2-AS1	0.72	4.70E-01	1.00E+00	-0.08	9.07E-01	9.87E-01
AC132812.1	0.06	9.41E-01	1.00E+00	0.09	9.07E-01	9.87E-01
CYP4X1	0.14	8.18E-01	1.00E+00	0.06	9.07E-01	9.87E-01
G19270	1.00	3.50E-01	1.00E+00	-0.37	9.07E-01	9.87E-01
BTG3-AS1	0.39	4.57E-01	1.00E+00	0.06	9.07E-01	9.87E-01
BCL11B	-0.34	4.08E-01	1.00E+00	-0.06	9.07E-01	9.87E-01
KRT83	-2.94	3.78E-01	1.00E+00	-0.37	9.07E-01	9.87E-01
DTD2	0.20	4.02E-01	1.00E+00	-0.04	9.07E-01	9.87E-01
C10orf113	0.44	8.99E-01	1.00E+00	-0.20	9.08E-01	9.87E-01
B3GALT6	-0.14	5.13E-01	1.00E+00	0.07	9.08E-01	9.87E-01
FNDC4	0.41	5.19E-01	1.00E+00	-0.08	9.08E-01	9.87E-01
POSTN	-0.33	2.30E-01	1.00E+00	-0.05	9.08E-01	9.87E-01
SAP30L-AS1	-0.73	4.41E-01	1.00E+00	-0.05	9.08E-01	9.87E-01
UROD	0.00	9.87E-01	1.00E+00	-0.03	9.08E-01	9.87E-01

KCNE5	-2.43	2.16E-01	1.00E+00	0.11	9.08E-01	9.87E-01
G17127	-0.10	9.03E-01	1.00E+00	-0.04	9.08E-01	9.87E-01
Z83826.1	0.74	4.51E-01	1.00E+00	-0.10	9.08E-01	9.87E-01
AL357507.1	-2.49	4.24E-01	1.00E+00	0.12	9.08E-01	9.87E-01
CDX4	0.95	1.87E-01	1.00E+00	-0.12	9.08E-01	9.87E-01
AP002414.2	0.11	9.21E-01	1.00E+00	-0.16	9.08E-01	9.87E-01
ADAM11	-0.97	1.32E-01	1.00E+00	0.09	9.08E-01	9.87E-01
ABCB8	-0.23	3.18E-01	1.00E+00	0.04	9.08E-01	9.87E-01
CMTR2	0.34	2.93E-01	1.00E+00	0.03	9.08E-01	9.87E-01
HOXB7	-0.03	9.47E-01	1.00E+00	0.04	9.08E-01	9.87E-01
ZFP57	-3.77	7.96E-04	1.40E-01	0.21	9.08E-01	9.87E-01
PDZRN3	-0.07	9.00E-01	1.00E+00	0.06	9.08E-01	9.87E-01
NCR3LG1	-0.05	9.33E-01	1.00E+00	0.07	9.08E-01	9.87E-01
RTL8C	-0.07	7.87E-01	1.00E+00	-0.03	9.08E-01	9.87E-01
AC073072.1	0.34	9.23E-01	1.00E+00	-0.37	9.08E-01	9.87E-01
AC055854.1	-1.34	1.34E-01	1.00E+00	0.09	9.09E-01	9.87E-01
RILP	0.02	9.55E-01	1.00E+00	-0.08	9.09E-01	9.87E-01
ESRP2	-0.26	4.97E-01	1.00E+00	-0.07	9.09E-01	9.87E-01
EIF2A	-0.21	4.09E-01	1.00E+00	-0.03	9.09E-01	9.87E-01
ZNF236	-0.18	5.59E-01	1.00E+00	0.03	9.09E-01	9.87E-01
RPUSD4	0.08	7.09E-01	1.00E+00	-0.02	9.09E-01	9.87E-01
BBOX1	-0.18	6.35E-01	1.00E+00	-0.07	9.09E-01	9.87E-01
ZNF878	-2.34	4.06E-01	1.00E+00	0.19	9.09E-01	9.87E-01
CTAGE15	-0.24	8.72E-01	1.00E+00	0.10	9.09E-01	9.87E-01
ERC1	-0.23	2.67E-01	1.00E+00	-0.04	9.09E-01	9.87E-01
AC019131.2	-0.74	2.10E-01	1.00E+00	-0.06	9.09E-01	9.87E-01
AL355607.2	-0.88	7.29E-01	1.00E+00	0.09	9.09E-01	9.87E-01
AC010203.1	0.06	9.78E-01	1.00E+00	0.14	9.09E-01	9.87E-01
ZNF81	0.01	9.57E-01	1.00E+00	-0.04	9.09E-01	9.87E-01
GLI1	0.14	8.05E-01	1.00E+00	-0.10	9.09E-01	9.87E-01
BNIP1	-0.02	9.70E-01	1.00E+00	0.07	9.09E-01	9.87E-01
SP2-AS1	-0.36	3.95E-01	1.00E+00	0.05	9.09E-01	9.87E-01

CCDC30	0.19	5.26E-01	1.00E+00	-0.04	9.09E-01	9.87E-01
AC125257.1	0.62	8.74E-02	1.00E+00	0.05	9.09E-01	9.87E-01
TEX2	-0.09	5.95E-01	1.00E+00	-0.03	9.09E-01	9.87E-01
RNF38	0.13	5.16E-01	1.00E+00	0.03	9.09E-01	9.87E-01
RPL23AP53	-0.27	4.59E-01	1.00E+00	0.03	9.09E-01	9.87E-01
DESI2	0.21	3.98E-01	1.00E+00	0.04	9.09E-01	9.87E-01
SARNP	0.37	8.11E-01	1.00E+00	-0.12	9.09E-01	9.87E-01
EGF	0.36	5.56E-01	1.00E+00	-0.10	9.09E-01	9.87E-01
PGAP2	-0.22	4.59E-01	1.00E+00	-0.04	9.09E-01	9.87E-01
LFNG	-0.05	8.55E-01	1.00E+00	0.05	9.10E-01	9.87E-01
ANGPTL4	0.80	1.93E-01	1.00E+00	-0.06	9.10E-01	9.88E-01
SATB2	-0.04	8.97E-01	1.00E+00	-0.05	9.10E-01	9.88E-01
G34301	0.93	3.25E-01	1.00E+00	-0.13	9.10E-01	9.88E-01
NAP1L4	0.18	2.49E-01	1.00E+00	-0.02	9.10E-01	9.88E-01
AC135352.1	-2.14	2.21E-01	1.00E+00	0.13	9.10E-01	9.88E-01
AMOTL2	0.05	8.12E-01	1.00E+00	0.05	9.10E-01	9.88E-01
GALNT9	-0.56	8.67E-01	1.00E+00	0.22	9.10E-01	9.88E-01
ZNF670	-0.17	7.10E-01	1.00E+00	-0.05	9.10E-01	9.88E-01
UBE2L5	0.31	6.46E-01	1.00E+00	0.07	9.10E-01	9.88E-01
OR2A1-AS1	0.30	6.49E-01	1.00E+00	-0.07	9.10E-01	9.88E-01
ZBED3	-0.14	7.43E-01	1.00E+00	-0.07	9.10E-01	9.88E-01
AQP8	-0.90	4.65E-01	1.00E+00	0.17	9.10E-01	9.88E-01
MAPK13	-0.04	9.10E-01	1.00E+00	0.04	9.10E-01	9.88E-01
HPS3	-0.17	4.38E-01	1.00E+00	-0.04	9.10E-01	9.88E-01
COA1	-0.06	7.64E-01	1.00E+00	-0.02	9.10E-01	9.88E-01
AHSA2P	0.68	2.19E-01	1.00E+00	-0.07	9.11E-01	9.88E-01
CASTOR1	0.53	7.98E-01	1.00E+00	0.08	9.11E-01	9.88E-01
GOLGA6L9	-0.65	3.32E-01	1.00E+00	0.09	9.11E-01	9.88E-01
SRY	1.28	2.35E-01	1.00E+00	-0.14	9.11E-01	9.88E-01
USP27X-AS1	0.65	1.01E-01	1.00E+00	0.07	9.11E-01	9.88E-01
HECTD2	-0.10	7.82E-01	1.00E+00	-0.04	9.11E-01	9.88E-01
TMUB1	-0.07	7.25E-01	1.00E+00	-0.08	9.11E-01	9.88E-01

AC103703.1	-1.25	7.13E-01	1.00E+00	-0.15	9.11E-01	9.88E-01
CLLU10S	-1.24	7.19E-01	1.00E+00	0.23	9.11E-01	9.88E-01
ST13P15	-0.27	8.96E-01	1.00E+00	0.06	9.11E-01	9.88E-01
SRGAP2C	-0.01	9.79E-01	1.00E+00	-0.06	9.11E-01	9.88E-01
CYP2D6	-2.18	6.37E-02	1.00E+00	-0.08	9.11E-01	9.88E-01
EXOC3-AS1	-0.24	3.62E-01	1.00E+00	0.05	9.11E-01	9.88E-01
CDR2	0.18	2.95E-01	1.00E+00	0.05	9.11E-01	9.88E-01
TAF8	-0.01	9.73E-01	1.00E+00	0.02	9.11E-01	9.88E-01
AC004000.1	-0.57	7.47E-01	1.00E+00	0.14	9.11E-01	9.88E-01
AL034417.4	1.39	3.19E-01	1.00E+00	0.11	9.11E-01	9.88E-01
NDUFA5P11	NA	NA	NA	-0.12	9.11E-01	9.88E-01
SINHCAFP2	NA	NA	NA	0.09	9.12E-01	9.88E-01
WHAMMP2	0.84	3.63E-01	1.00E+00	0.08	9.12E-01	9.88E-01
HYAL4	-1.36	6.12E-02	1.00E+00	-0.28	9.12E-01	9.88E-01
LRFN2	0.63	6.36E-01	1.00E+00	-0.17	9.12E-01	9.88E-01
PRKCZ-AS1	-0.75	2.98E-01	1.00E+00	0.11	9.12E-01	9.88E-01
MGC16275	0.13	8.39E-01	1.00E+00	-0.12	9.12E-01	9.88E-01
FBXO5	-0.01	9.70E-01	1.00E+00	0.03	9.12E-01	9.88E-01
PKMP3	0.62	6.15E-01	1.00E+00	0.12	9.12E-01	9.88E-01
ORC2	0.03	9.19E-01	1.00E+00	-0.03	9.12E-01	9.88E-01
PKMP1	NA	NA	NA	0.07	9.12E-01	9.88E-01
CD59	0.42	2.93E-01	1.00E+00	-0.03	9.12E-01	9.88E-01
SLC46A2	0.12	8.65E-01	1.00E+00	-0.07	9.12E-01	9.88E-01
RPS3AP47	0.05	9.51E-01	1.00E+00	-0.09	9.12E-01	9.88E-01
PGM5-AS1	1.62	3.38E-02	1.00E+00	-0.07	9.12E-01	9.88E-01
MRPL12	-0.40	4.45E-01	1.00E+00	0.05	9.12E-01	9.88E-01
ZNF189	0.14	5.29E-01	1.00E+00	0.03	9.13E-01	9.88E-01
BHLHE41	-0.79	1.28E-01	1.00E+00	-0.06	9.13E-01	9.88E-01
KLHL12	0.37	6.82E-02	1.00E+00	0.02	9.13E-01	9.88E-01
LRIG3	-0.18	4.63E-01	1.00E+00	-0.02	9.13E-01	9.88E-01
VAC14	-0.30	1.08E-01	1.00E+00	0.06	9.13E-01	9.88E-01
ITGB3	0.31	5.06E-01	1.00E+00	0.09	9.13E-01	9.88E-01

AC078817.1	-1.79	5.88E-01	1.00E+00	0.34	9.13E-01	9.88E-01
NKIRAS2	-0.14	4.96E-01	1.00E+00	-0.02	9.13E-01	9.88E-01
GATA1	1.64	1.72E-01	1.00E+00	0.15	9.13E-01	9.88E-01
G8320	-3.78	5.10E-03	4.18E-01	0.11	9.13E-01	9.88E-01
AC025459.1	-1.76	6.09E-01	1.00E+00	0.09	9.13E-01	9.89E-01
DNAH9	-0.46	3.47E-01	1.00E+00	0.05	9.13E-01	9.89E-01
HGH1	0.05	9.28E-01	1.00E+00	-0.10	9.13E-01	9.89E-01
G24464	-0.30	6.94E-01	1.00E+00	-0.10	9.13E-01	9.89E-01
OTOP3	-0.24	8.77E-01	1.00E+00	0.10	9.13E-01	9.89E-01
PHKA2	-0.24	3.72E-01	1.00E+00	-0.05	9.13E-01	9.89E-01
FAXC	-0.33	6.37E-01	1.00E+00	0.08	9.13E-01	9.89E-01
VWA8-AS1	-2.43	2.62E-01	1.00E+00	-0.14	9.13E-01	9.89E-01
CABLES2	-0.44	1.10E-01	1.00E+00	-0.08	9.13E-01	9.89E-01
INSC	-0.14	8.02E-01	1.00E+00	0.16	9.13E-01	9.89E-01
PRELID3B	0.04	8.74E-01	1.00E+00	0.04	9.14E-01	9.89E-01
G7052	2.50	5.02E-02	1.00E+00	-0.10	9.14E-01	9.89E-01
FAM25BP	1.06	7.31E-01	1.00E+00	-0.09	9.14E-01	9.89E-01
AC079148.1	0.25	8.30E-01	1.00E+00	-0.14	9.14E-01	9.89E-01
TNNT3	-1.56	1.59E-03	2.22E-01	-0.06	9.14E-01	9.89E-01
MHENCR	-0.48	2.43E-01	1.00E+00	-0.04	9.14E-01	9.89E-01
GPR19	0.56	5.80E-01	1.00E+00	0.09	9.14E-01	9.89E-01
XLOC_011034	NA	NA	NA	-0.08	9.14E-01	9.89E-01
TCERG1	-0.31	2.12E-01	1.00E+00	-0.02	9.14E-01	9.89E-01
MAF1	0.08	7.02E-01	1.00E+00	0.04	9.14E-01	9.89E-01
AP001999.1	1.46	2.07E-01	1.00E+00	-0.20	9.14E-01	9.89E-01
RHPN1	-1.31	1.29E-04	3.03E-02	0.09	9.14E-01	9.89E-01
TNK1	-0.31	1.92E-01	1.00E+00	0.06	9.14E-01	9.89E-01
EPHX1	0.65	2.29E-01	1.00E+00	0.04	9.14E-01	9.89E-01
GPRIN2	0.06	9.08E-01	1.00E+00	0.07	9.14E-01	9.89E-01
PKP3	-0.28	5.86E-01	1.00E+00	-0.07	9.14E-01	9.89E-01
TMEM254-AS1	-0.05	8.88E-01	1.00E+00	0.05	9.14E-01	9.89E-01
KCTD8	1.71	1.49E-01	1.00E+00	0.11	9.14E-01	9.89E-01

AC104971.1	-2.14	3.22E-01	1.00E+00	0.13	9.14E-01	9.89E-01
RNPEPL1	-0.02	9.36E-01	1.00E+00	-0.06	9.15E-01	9.89E-01
AC006441.1	0.76	7.25E-01	1.00E+00	-0.10	9.15E-01	9.89E-01
SEC24B-AS1	0.65	2.26E-01	1.00E+00	-0.07	9.15E-01	9.89E-01
ARNT	0.33	1.47E-01	1.00E+00	-0.02	9.15E-01	9.89E-01
AC008764.8	-1.93	9.93E-02	1.00E+00	0.05	9.15E-01	9.89E-01
NRF1	-0.13	5.34E-01	1.00E+00	0.04	9.15E-01	9.89E-01
AC108673.3	-0.01	9.94E-01	1.00E+00	0.06	9.15E-01	9.89E-01
GAB3	0.19	6.93E-01	1.00E+00	0.07	9.15E-01	9.89E-01
G2112	-0.25	8.39E-01	1.00E+00	-0.09	9.15E-01	9.89E-01
EIF2B2	-0.29	8.77E-02	1.00E+00	0.02	9.15E-01	9.89E-01
AC093162.2	-0.16	7.12E-01	1.00E+00	0.08	9.15E-01	9.89E-01
KIF25-AS1	-0.59	7.02E-01	1.00E+00	0.17	9.15E-01	9.89E-01
AC007496.2	0.90	4.93E-01	1.00E+00	-0.12	9.15E-01	9.89E-01
MAP2K6	0.16	4.34E-01	1.00E+00	0.03	9.15E-01	9.89E-01
AL646090.2	-1.42	5.65E-01	1.00E+00	0.12	9.15E-01	9.89E-01
FXR2	-0.01	9.61E-01	1.00E+00	-0.06	9.15E-01	9.89E-01
MBLAC1	-0.08	8.30E-01	1.00E+00	-0.10	9.15E-01	9.89E-01
ZFP2	0.46	3.00E-01	1.00E+00	-0.06	9.15E-01	9.89E-01
AL357079.1	0.47	6.73E-01	1.00E+00	-0.11	9.15E-01	9.89E-01
GTF3C4	-0.02	9.22E-01	1.00E+00	-0.03	9.16E-01	9.89E-01
5-Mar	0.20	3.82E-01	1.00E+00	-0.02	9.16E-01	9.89E-01
LTN1	0.04	9.01E-01	1.00E+00	-0.02	9.16E-01	9.89E-01
AC084876.2	-1.43	3.09E-01	1.00E+00	-0.13	9.16E-01	9.89E-01
IRX1	0.02	9.63E-01	1.00E+00	-0.07	9.16E-01	9.89E-01
RAN	-0.11	6.36E-01	1.00E+00	-0.02	9.16E-01	9.89E-01
CBLN2	-0.85	7.66E-01	1.00E+00	-0.11	9.16E-01	9.89E-01
COX20P1	5.78	2.49E-02	9.28E-01	0.33	9.16E-01	9.89E-01
SLC39A8	-0.14	7.93E-01	1.00E+00	-0.05	9.16E-01	9.89E-01
AHI1	0.37	1.40E-01	1.00E+00	-0.02	9.16E-01	9.89E-01
PCK2	-0.20	4.20E-01	1.00E+00	0.05	9.16E-01	9.89E-01
Z83847.1	-3.59	2.75E-01	1.00E+00	-0.11	9.16E-01	9.89E-01

POLN	0.28	7.16E-01	1.00E+00	0.10	9.16E-01	9.89E-01
SNAPC5	0.06	7.68E-01	1.00E+00	-0.02	9.16E-01	9.89E-01
MUC20	-1.83	1.38E-01	1.00E+00	0.08	9.16E-01	9.89E-01
G30851	1.15	8.48E-02	1.00E+00	0.29	9.16E-01	9.89E-01
PLCB1	-0.01	9.82E-01	1.00E+00	-0.06	9.16E-01	9.89E-01
VPS33B-DT	-0.54	2.86E-01	1.00E+00	-0.06	9.16E-01	9.89E-01
MARVELD3	0.21	5.06E-01	1.00E+00	-0.07	9.16E-01	9.89E-01
PYCR2	0.13	6.27E-01	1.00E+00	-0.03	9.16E-01	9.89E-01
AC009560.1	-0.20	9.31E-01	1.00E+00	-0.07	9.16E-01	9.89E-01
TRNP1	-0.06	7.88E-01	1.00E+00	-0.06	9.16E-01	9.89E-01
TINAGL1	0.07	8.86E-01	1.00E+00	-0.09	9.16E-01	9.89E-01
SDC4	0.01	9.80E-01	1.00E+00	0.04	9.16E-01	9.89E-01
ASB6	-0.27	2.83E-01	1.00E+00	0.03	9.16E-01	9.89E-01
MRPL27	-0.08	7.40E-01	1.00E+00	0.03	9.16E-01	9.89E-01
TAPBP	-0.34	3.08E-01	1.00E+00	0.03	9.17E-01	9.89E-01
GTPBP3	-0.16	5.57E-01	1.00E+00	0.03	9.17E-01	9.89E-01
DPP7	-0.10	6.16E-01	1.00E+00	-0.02	9.17E-01	9.89E-01
AP002992.1	-3.29	1.99E-01	1.00E+00	0.18	9.17E-01	9.89E-01
G10909	0.67	4.75E-01	1.00E+00	-0.08	9.17E-01	9.89E-01
KLK7	-0.02	9.70E-01	1.00E+00	0.08	9.17E-01	9.89E-01
AL450998.2	-1.24	4.33E-01	1.00E+00	0.10	9.17E-01	9.89E-01
RERGL	-0.11	8.72E-01	1.00E+00	-0.07	9.17E-01	9.89E-01
PMPCA	-0.05	7.90E-01	1.00E+00	-0.02	9.17E-01	9.89E-01
KLHL5	0.07	8.86E-01	1.00E+00	-0.06	9.17E-01	9.89E-01
SCAF11	-0.16	4.18E-01	1.00E+00	-0.02	9.17E-01	9.89E-01
SERPINB5	-0.13	7.98E-01	1.00E+00	0.07	9.17E-01	9.89E-01
SPDYE12P	-0.14	8.15E-01	1.00E+00	-0.06	9.17E-01	9.89E-01
AC024568.1	1.81	2.65E-01	1.00E+00	0.10	9.17E-01	9.89E-01
AL139274.2	0.22	7.29E-01	1.00E+00	0.07	9.17E-01	9.89E-01
ZC3H7A	0.18	4.25E-01	1.00E+00	-0.03	9.17E-01	9.89E-01
USP43	-0.52	1.85E-01	1.00E+00	0.08	9.17E-01	9.89E-01
POLR3C	0.03	8.71E-01	1.00E+00	-0.02	9.17E-01	9.89E-01

CAND2	0.01	9.88E-01	1.00E+00	0.10	9.17E-01	9.89E-01
RPS27AP1	NA	NA	NA	0.32	9.17E-01	9.89E-01
CAPNS2	-0.07	8.41E-01	1.00E+00	-0.06	9.17E-01	9.89E-01
NAIF1	0.05	8.30E-01	1.00E+00	0.05	9.17E-01	9.89E-01
AC243960.2	-2.58	1.33E-01	1.00E+00	-0.04	9.17E-01	9.89E-01
RAD51AP1	-0.21	5.37E-01	1.00E+00	0.04	9.17E-01	9.89E-01
TEX21P	0.66	5.61E-01	1.00E+00	0.07	9.17E-01	9.89E-01
NDUFS1	-0.06	7.38E-01	1.00E+00	-0.02	9.17E-01	9.89E-01
SLC4A1AP	-0.17	3.50E-01	1.00E+00	0.02	9.17E-01	9.89E-01
SLC19A1	0.13	7.84E-01	1.00E+00	0.06	9.17E-01	9.89E-01
XLOC_014362	-0.83	7.32E-01	1.00E+00	0.12	9.17E-01	9.89E-01
AC124068.2	0.72	2.37E-01	1.00E+00	-0.08	9.17E-01	9.89E-01
AL078581.3	-1.06	5.19E-01	1.00E+00	0.09	9.17E-01	9.89E-01
FOXL2NB	0.42	7.26E-01	1.00E+00	-0.15	9.18E-01	9.89E-01
KCNK10	0.25	7.77E-01	1.00E+00	-0.14	9.18E-01	9.89E-01
CCDC137	-0.16	5.73E-01	1.00E+00	0.04	9.18E-01	9.89E-01
PFN1	-0.10	5.93E-01	1.00E+00	-0.03	9.18E-01	9.89E-01
GOLGA6A	0.97	7.78E-01	1.00E+00	-0.20	9.18E-01	9.89E-01
TOP2A	0.13	6.13E-01	1.00E+00	-0.06	9.18E-01	9.89E-01
LINC00941	-0.51	5.79E-01	1.00E+00	-0.10	9.18E-01	9.89E-01
ARID4B	0.14	5.92E-01	1.00E+00	0.02	9.18E-01	9.89E-01
SNX10	0.98	2.82E-01	1.00E+00	0.07	9.18E-01	9.89E-01
CYS1	0.14	7.96E-01	1.00E+00	-0.08	9.18E-01	9.89E-01
GPR20	0.53	4.83E-01	1.00E+00	-0.11	9.18E-01	9.89E-01
PTH1R	0.38	4.13E-01	1.00E+00	-0.08	9.18E-01	9.89E-01
FZD4	1.90	2.49E-02	9.28E-01	0.07	9.18E-01	9.89E-01
PLEKHS1	0.04	9.72E-01	1.00E+00	-0.31	9.18E-01	9.89E-01
PHF14	0.03	8.87E-01	1.00E+00	0.04	9.18E-01	9.89E-01
RBM15	-0.05	8.51E-01	1.00E+00	-0.04	9.18E-01	9.89E-01
HNRNPA3P3	0.13	9.12E-01	1.00E+00	0.06	9.18E-01	9.89E-01
SLC8A2	-2.13	7.95E-03	5.48E-01	0.11	9.18E-01	9.89E-01
HIST1H4H	0.21	5.94E-01	1.00E+00	-0.04	9.18E-01	9.89E-01

RPL21P44	-1.24	3.18E-01	1.00E+00	-0.08	9.18E-01	9.89E-01
NSA2	0.00	9.98E-01	1.00E+00	0.03	9.18E-01	9.89E-01
GRXCR2	-0.19	8.32E-01	1.00E+00	-0.10	9.18E-01	9.89E-01
SLC9B2	-0.23	4.31E-01	1.00E+00	-0.04	9.18E-01	9.89E-01
TRIM73	-2.08	7.41E-02	1.00E+00	0.07	9.19E-01	9.89E-01
UBE2D3P2	-1.68	6.27E-01	1.00E+00	0.07	9.19E-01	9.89E-01
DTNBP1	0.12	6.12E-01	1.00E+00	0.04	9.19E-01	9.89E-01
GUCA1B	-0.46	4.73E-01	1.00E+00	-0.11	9.19E-01	9.89E-01
NAA16	0.03	9.13E-01	1.00E+00	0.03	9.19E-01	9.89E-01
AQP10	-0.52	6.14E-01	1.00E+00	-0.13	9.19E-01	9.89E-01
XLOC_009836	1.96	5.66E-01	1.00E+00	-0.15	9.19E-01	9.89E-01
XLOC_008479	0.69	7.99E-01	1.00E+00	-0.15	9.19E-01	9.89E-01
C1QTNF9B	3.11	2.17E-01	1.00E+00	0.11	9.19E-01	9.89E-01
MLC1	-0.99	7.11E-03	5.13E-01	0.08	9.19E-01	9.89E-01
JARID2	-0.60	8.00E-02	1.00E+00	0.04	9.19E-01	9.89E-01
KIR3DL1	-0.12	9.73E-01	1.00E+00	-0.20	9.19E-01	9.89E-01
COG5	0.02	9.17E-01	1.00E+00	-0.02	9.19E-01	9.89E-01
RPL10P9	-0.20	5.07E-01	1.00E+00	-0.05	9.19E-01	9.89E-01
ACTN2	-1.07	3.12E-01	1.00E+00	-0.28	9.19E-01	9.89E-01
DHRS4	-0.16	4.91E-01	1.00E+00	-0.02	9.19E-01	9.89E-01
AC008026.1	-0.84	6.00E-01	1.00E+00	0.07	9.19E-01	9.89E-01
DNAAF5	-0.13	5.65E-01	1.00E+00	0.04	9.19E-01	9.89E-01
AC116614.1	5.30	1.48E-02	7.62E-01	0.13	9.19E-01	9.89E-01
EIF2S2	0.02	8.91E-01	1.00E+00	0.03	9.19E-01	9.89E-01
STEAP1	0.64	2.24E-01	1.00E+00	-0.06	9.19E-01	9.89E-01
POLR2J	-0.25	3.52E-01	1.00E+00	-0.02	9.19E-01	9.89E-01
AC244021.1	0.42	5.64E-01	1.00E+00	-0.11	9.19E-01	9.89E-01
AL133216.2	-0.38	3.62E-01	1.00E+00	0.07	9.19E-01	9.89E-01
XLOC_004420	-0.37	3.02E-01	1.00E+00	-0.13	9.19E-01	9.89E-01
BRPF1	-0.42	9.26E-02	1.00E+00	-0.07	9.19E-01	9.89E-01
INTS12	-0.26	2.19E-01	1.00E+00	0.04	9.19E-01	9.89E-01
AL512324.3	1.77	2.20E-01	1.00E+00	0.10	9.20E-01	9.89E-01

SLC30A6	0.33	2.05E-01	1.00E+00	-0.02	9.20E-01	9.89E-01
PRC1	-1.99	4.21E-01	1.00E+00	0.08	9.20E-01	9.89E-01
ZNF157	1.59	1.27E-01	1.00E+00	0.13	9.20E-01	9.89E-01
AC091825.1	-0.13	8.03E-01	1.00E+00	-0.06	9.20E-01	9.89E-01
AL162171.1	-0.01	9.82E-01	1.00E+00	-0.04	9.20E-01	9.89E-01
EHMT2	-0.10	6.53E-01	1.00E+00	0.05	9.20E-01	9.89E-01
TSPEAR-AS2	-1.38	5.46E-01	1.00E+00	0.20	9.20E-01	9.89E-01
AC008083.2	-2.58	2.57E-01	1.00E+00	0.09	9.20E-01	9.89E-01
SNN	0.12	7.34E-01	1.00E+00	0.05	9.20E-01	9.89E-01
CPB1	-0.34	7.21E-01	1.00E+00	-0.08	9.20E-01	9.89E-01
SNHG22	0.34	9.15E-01	1.00E+00	0.08	9.20E-01	9.89E-01
AFP	3.24	2.29E-01	1.00E+00	-0.20	9.20E-01	9.89E-01
AIRE	0.05	9.31E-01	1.00E+00	0.10	9.20E-01	9.89E-01
LSMEM2	0.35	7.76E-01	1.00E+00	0.13	9.21E-01	9.89E-01
BUD23	-0.12	5.09E-01	1.00E+00	-0.02	9.21E-01	9.89E-01
AC093535.2	0.04	9.40E-01	1.00E+00	-0.05	9.21E-01	9.89E-01
HNRNPRP1	NA	NA	NA	0.07	9.21E-01	9.89E-01
KRT31	-0.52	8.69E-01	1.00E+00	-0.09	9.21E-01	9.89E-01
CYB561	0.08	6.85E-01	1.00E+00	-0.02	9.21E-01	9.89E-01
SRD5A3-AS1	0.04	9.74E-01	1.00E+00	0.08	9.21E-01	9.89E-01
UHMK1	0.33	3.19E-01	1.00E+00	0.03	9.21E-01	9.89E-01
CLCN7	-0.17	3.74E-01	1.00E+00	0.31	9.21E-01	9.89E-01
FICD	-0.13	7.70E-01	1.00E+00	0.03	9.21E-01	9.89E-01
AC079174.2	-0.36	6.95E-01	1.00E+00	-0.08	9.21E-01	9.89E-01
G40298	1.37	2.91E-01	1.00E+00	0.13	9.21E-01	9.89E-01
Z99943.2	0.97	7.78E-01	1.00E+00	-0.07	9.21E-01	9.89E-01
TMEM30B	0.03	8.93E-01	1.00E+00	-0.04	9.21E-01	9.89E-01
DR1	0.32	2.46E-01	1.00E+00	-0.02	9.21E-01	9.89E-01
TRIM44	0.10	7.08E-01	1.00E+00	0.04	9.21E-01	9.89E-01
LRRC9	-3.82	2.20E-01	1.00E+00	-0.32	9.21E-01	9.89E-01
WBP1LP2	-1.58	2.00E-01	1.00E+00	-0.08	9.21E-01	9.89E-01
TGFBRAP1	-0.25	2.28E-01	1.00E+00	-0.03	9.21E-01	9.89E-01

MAP2K3	-0.24	4.83E-01	1.00E+00	-0.03	9.21E-01	9.89E-01
HNRNPH1	-0.20	2.19E-01	1.00E+00	0.02	9.21E-01	9.89E-01
ADAMTS17	-0.28	3.73E-01	1.00E+00	-0.07	9.21E-01	9.89E-01
SLCO5A1	-0.21	4.99E-01	1.00E+00	-0.10	9.21E-01	9.89E-01
PGR-AS1	1.02	7.67E-01	1.00E+00	0.12	9.21E-01	9.89E-01
AP001432.1	-0.66	7.17E-01	1.00E+00	0.13	9.22E-01	9.89E-01
AC093323.1	0.13	6.32E-01	1.00E+00	-0.05	9.22E-01	9.89E-01
RNF112	0.10	8.54E-01	1.00E+00	0.12	9.22E-01	9.89E-01
KPNA1	0.09	6.65E-01	1.00E+00	0.02	9.22E-01	9.89E-01
VDAC1P2	2.46	4.70E-01	1.00E+00	-0.08	9.22E-01	9.89E-01
CENPM	-0.32	4.81E-01	1.00E+00	0.05	9.22E-01	9.89E-01
KRT86	-1.42	6.57E-01	1.00E+00	0.11	9.22E-01	9.89E-01
CLNK	-1.27	2.16E-01	1.00E+00	-0.09	9.22E-01	9.89E-01
ATF3	-2.11	6.26E-02	1.00E+00	0.06	9.22E-01	9.89E-01
USP54	-0.01	9.81E-01	1.00E+00	0.04	9.22E-01	9.89E-01
XLOC_003400	-0.69	3.16E-01	1.00E+00	0.11	9.22E-01	9.89E-01
FBXW4P1	-0.51	4.80E-01	1.00E+00	-0.09	9.22E-01	9.89E-01
RASL12	-0.26	5.64E-01	1.00E+00	-0.07	9.22E-01	9.89E-01
NR2F1	-0.28	5.54E-01	1.00E+00	0.08	9.22E-01	9.89E-01
SCYGR6	-8.50	1.46E-02	7.60E-01	0.31	9.22E-01	9.89E-01
AL022326.2	0.40	6.56E-01	1.00E+00	-0.07	9.22E-01	9.89E-01
LINC02035	0.30	4.01E-01	1.00E+00	0.05	9.23E-01	9.89E-01
C11orf49	-0.16	6.35E-01	1.00E+00	-0.03	9.23E-01	9.89E-01
BRD7	-0.11	6.65E-01	1.00E+00	-0.03	9.23E-01	9.89E-01
CLCN4	0.26	6.09E-01	1.00E+00	0.06	9.23E-01	9.89E-01
EFCAB12	1.66	2.29E-01	1.00E+00	-0.08	9.23E-01	9.89E-01
HOXB1	1.21	2.12E-01	1.00E+00	0.09	9.23E-01	9.89E-01
DEFB4B	0.00	1.00E+00	NA	-0.31	9.23E-01	9.89E-01
OIP5	0.08	8.43E-01	1.00E+00	0.05	9.23E-01	9.89E-01
AC084116.1	-1.24	7.15E-01	1.00E+00	0.31	9.23E-01	9.89E-01
CHST7	0.15	6.83E-01	1.00E+00	0.06	9.23E-01	9.89E-01
ZNF410	0.41	7.06E-01	1.00E+00	-0.06	9.23E-01	9.89E-01

TNFRSF14-AS1	1.67	4.01E-01	1.00E+00	0.08	9.23E-01	9.89E-01
C1QL1	-1.17	6.48E-02	1.00E+00	0.10	9.23E-01	9.89E-01
G28347	1.28	2.59E-01	1.00E+00	-0.11	9.23E-01	9.89E-01
AC129507.1	-0.48	5.68E-01	1.00E+00	-0.05	9.23E-01	9.89E-01
NBR1	-0.04	7.96E-01	1.00E+00	-0.02	9.23E-01	9.89E-01
AC130689.1	-0.82	3.46E-01	1.00E+00	0.06	9.23E-01	9.89E-01
PUM3	-0.18	5.52E-01	1.00E+00	-0.02	9.23E-01	9.89E-01
BRAT1	-0.11	5.66E-01	1.00E+00	-0.04	9.23E-01	9.89E-01
WRN	0.05	8.57E-01	1.00E+00	-0.04	9.23E-01	9.89E-01
RHD	0.02	9.73E-01	1.00E+00	0.09	9.23E-01	9.89E-01
TNPO3	0.14	4.00E-01	1.00E+00	0.01	9.23E-01	9.89E-01
AP003080.1	0.11	9.15E-01	1.00E+00	-0.16	9.23E-01	9.89E-01
TSPYL5	0.05	8.55E-01	1.00E+00	-0.05	9.23E-01	9.89E-01
SYT7	-0.41	5.00E-01	1.00E+00	0.06	9.23E-01	9.89E-01
AL645929.2	1.10	4.39E-01	1.00E+00	0.11	9.23E-01	9.89E-01
AL355312.5	0.79	1.62E-01	1.00E+00	-0.07	9.23E-01	9.89E-01
SLC9A7	-0.15	7.49E-01	1.00E+00	-0.05	9.23E-01	9.89E-01
CLEC6A	-2.78	4.14E-01	1.00E+00	0.31	9.23E-01	9.89E-01
HOXD-AS2	0.81	7.99E-02	1.00E+00	-0.10	9.23E-01	9.89E-01
XLOC_012406	1.27	2.63E-01	1.00E+00	-0.07	9.23E-01	9.89E-01
HSPH1	-0.10	7.67E-01	1.00E+00	0.03	9.24E-01	9.89E-01
INTS3	-0.10	6.68E-01	1.00E+00	-0.04	9.24E-01	9.89E-01
DCTN3	-0.12	5.22E-01	1.00E+00	0.02	9.24E-01	9.89E-01
CEP97	-0.13	6.49E-01	1.00E+00	-0.03	9.24E-01	9.89E-01
BARD1	0.05	8.76E-01	1.00E+00	-0.05	9.24E-01	9.89E-01
SHE	0.15	7.19E-01	1.00E+00	0.07	9.24E-01	9.89E-01
RAB27A	-0.13	5.26E-01	1.00E+00	0.02	9.24E-01	9.89E-01
CPB2	1.27	7.13E-01	1.00E+00	-0.15	9.24E-01	9.89E-01
FGFR4	-0.74	2.10E-01	1.00E+00	-0.09	9.24E-01	9.89E-01
TCN1	-1.95	1.14E-01	1.00E+00	0.30	9.24E-01	9.89E-01
ACSF3	-0.22	3.53E-01	1.00E+00	0.02	9.24E-01	9.89E-01
AL117341.1	-0.56	8.73E-01	1.00E+00	0.12	9.24E-01	9.89E-01

HLA-DRB5	-0.52	4.11E-01	1.00E+00	0.05	9.24E-01	9.89E-01
CCNB2	0.19	5.57E-01	1.00E+00	0.05	9.24E-01	9.89E-01
ZNF503-AS1	-1.13	5.24E-02	1.00E+00	0.06	9.24E-01	9.90E-01
THEM5	0.13	7.93E-01	1.00E+00	-0.06	9.24E-01	9.90E-01
PKP4-AS1	0.31	6.54E-01	1.00E+00	-0.05	9.24E-01	9.90E-01
XPC	-0.04	8.45E-01	1.00E+00	0.02	9.24E-01	9.90E-01
KBTBD12	0.42	5.44E-01	1.00E+00	-0.11	9.24E-01	9.90E-01
AC005332.2	0.34	8.05E-01	1.00E+00	-0.15	9.25E-01	9.90E-01
AC139792.1	-0.05	9.77E-01	1.00E+00	-0.12	9.25E-01	9.90E-01
SDCBPP3	NA	NA	NA	-0.09	9.25E-01	9.90E-01
AC009126.1	-0.54	1.46E-01	1.00E+00	0.05	9.25E-01	9.90E-01
ZFYVE1	0.12	5.33E-01	1.00E+00	0.03	9.25E-01	9.90E-01
TOGARAM1	0.27	1.75E-01	1.00E+00	0.02	9.25E-01	9.90E-01
DVL3	-0.25	1.86E-01	1.00E+00	-0.05	9.25E-01	9.90E-01
AC007262.2	-0.57	5.48E-01	1.00E+00	-0.07	9.25E-01	9.90E-01
DAW1	-2.33	2.04E-01	1.00E+00	-0.12	9.25E-01	9.90E-01
AC068631.3	-0.71	8.37E-01	1.00E+00	-0.07	9.25E-01	9.90E-01
PLEKHB1	-0.15	8.37E-01	1.00E+00	-0.05	9.25E-01	9.90E-01
NFX1	-0.05	7.59E-01	1.00E+00	0.02	9.25E-01	9.90E-01
PIK3R3	0.41	4.35E-01	1.00E+00	0.04	9.25E-01	9.90E-01
HBA2	1.33	3.06E-02	1.00E+00	-0.29	9.25E-01	9.90E-01
PTPRK	-0.27	1.61E-01	1.00E+00	-0.02	9.25E-01	9.90E-01
SAYSD1	0.00	9.99E-01	1.00E+00	0.02	9.25E-01	9.90E-01
AC073367.1	0.01	9.95E-01	1.00E+00	-0.10	9.25E-01	9.90E-01
RPL7P32	0.41	6.17E-01	1.00E+00	0.08	9.25E-01	9.90E-01
COX4I1	-0.07	7.45E-01	1.00E+00	0.02	9.25E-01	9.90E-01
AC104794.2	-0.18	6.11E-01	1.00E+00	0.03	9.25E-01	9.90E-01
TAB3	-0.02	9.35E-01	1.00E+00	-0.04	9.25E-01	9.90E-01
UBE2E1-AS1	-1.35	5.76E-01	1.00E+00	-0.15	9.25E-01	9.90E-01
ATXN7	-0.17	4.07E-01	1.00E+00	-0.03	9.25E-01	9.90E-01
DNM2	-0.10	6.72E-01	1.00E+00	0.05	9.25E-01	9.90E-01
RPL7L1P8	2.26	5.07E-01	1.00E+00	-0.12	9.25E-01	9.90E-01

ARL10	0.05	8.81E-01	1.00E+00	-0.06	9.25E-01	9.90E-01
EDN2	-1.94	2.52E-02	9.28E-01	-0.07	9.25E-01	9.90E-01
AL133245.1	1.95	3.17E-01	1.00E+00	-0.09	9.25E-01	9.90E-01
CTAG2	0.00	1.00E+00	NA	-0.30	9.25E-01	9.90E-01
LOR	0.24	6.92E-01	1.00E+00	0.29	9.26E-01	9.90E-01
SH2B2	-0.19	6.64E-01	1.00E+00	-0.29	9.26E-01	9.90E-01
AC079907.1	-0.06	9.86E-01	1.00E+00	0.12	9.26E-01	9.90E-01
EEPD1	0.33	2.95E-01	1.00E+00	0.04	9.26E-01	9.90E-01
AL049836.1	0.04	9.78E-01	1.00E+00	0.13	9.26E-01	9.90E-01
AL157904.1	-2.71	2.81E-01	1.00E+00	0.12	9.26E-01	9.90E-01
HK1	-0.15	4.76E-01	1.00E+00	-0.03	9.26E-01	9.90E-01
FLT1	0.05	9.23E-01	1.00E+00	-0.05	9.26E-01	9.90E-01
PAK1IP1	-0.13	5.48E-01	1.00E+00	-0.03	9.26E-01	9.90E-01
CRB3	-0.08	8.46E-01	1.00E+00	0.05	9.26E-01	9.90E-01
AC002310.6	-0.15	6.17E-01	1.00E+00	0.29	9.26E-01	9.90E-01
CHD7	-0.18	5.65E-01	1.00E+00	-0.03	9.26E-01	9.90E-01
G24514	-0.99	3.34E-01	1.00E+00	-0.06	9.26E-01	9.90E-01
ATG4B	-0.10	6.09E-01	1.00E+00	0.01	9.26E-01	9.90E-01
DRAIC	-0.34	7.46E-01	1.00E+00	-0.08	9.26E-01	9.90E-01
AC005261.1	0.43	3.51E-01	1.00E+00	0.03	9.26E-01	9.90E-01
GIGYF2	-0.02	8.90E-01	1.00E+00	-0.02	9.26E-01	9.90E-01
WHRN	-0.60	2.25E-02	9.03E-01	0.05	9.27E-01	9.90E-01
FAM229A	-1.23	9.01E-02	1.00E+00	-0.06	9.27E-01	9.90E-01
DYNC1LI1	0.08	7.82E-01	1.00E+00	-0.03	9.27E-01	9.90E-01
FGF10	0.96	2.05E-01	1.00E+00	0.18	9.27E-01	9.90E-01
AF131216.3	-1.23	5.36E-01	1.00E+00	-0.09	9.27E-01	9.90E-01
AL355574.1	-0.69	2.93E-01	1.00E+00	-0.07	9.27E-01	9.90E-01
AC011979.1	-0.31	8.63E-01	1.00E+00	-0.07	9.27E-01	9.90E-01
XLOC_001751	-0.24	5.93E-01	1.00E+00	-0.07	9.27E-01	9.90E-01
PGA5	2.74	8.81E-02	1.00E+00	-0.13	9.27E-01	9.90E-01
AC002070.1	-1.79	2.91E-01	1.00E+00	-0.11	9.27E-01	9.90E-01
TIAM2	-0.05	8.92E-01	1.00E+00	-0.04	9.27E-01	9.90E-01

ZNF746	-0.37	1.14E-01	1.00E+00	0.06	9.27E-01	9.90E-01
SIRT7	-0.09	7.69E-01	1.00E+00	-0.05	9.27E-01	9.90E-01
G3383	0.13	7.00E-01	1.00E+00	-0.05	9.27E-01	9.90E-01
AL356235.1	0.66	3.79E-01	1.00E+00	0.06	9.27E-01	9.90E-01
PSORS1C2	0.22	7.46E-01	1.00E+00	0.07	9.27E-01	9.90E-01
AC068870.2	-0.21	6.86E-01	1.00E+00	-0.05	9.27E-01	9.90E-01
DTWD1	0.10	7.10E-01	1.00E+00	0.03	9.27E-01	9.90E-01
AC022400.1	1.22	3.70E-01	1.00E+00	0.08	9.27E-01	9.90E-01
EBF3	0.11	7.93E-01	1.00E+00	0.07	9.27E-01	9.90E-01
UBE4B	0.09	7.70E-01	1.00E+00	0.02	9.27E-01	9.90E-01
ZNF574	-0.17	4.94E-01	1.00E+00	0.02	9.28E-01	9.90E-01
AC004241.3	1.26	6.56E-01	1.00E+00	-0.05	9.28E-01	9.90E-01
CPAMD8	1.26	1.05E-01	1.00E+00	0.07	9.28E-01	9.90E-01
XLOC_000206	-1.18	7.82E-02	1.00E+00	0.07	9.28E-01	9.90E-01
SLC27A1	0.18	5.81E-01	1.00E+00	0.05	9.28E-01	9.90E-01
G3793	0.38	7.04E-01	1.00E+00	-0.11	9.28E-01	9.90E-01
G23133	0.70	3.04E-01	1.00E+00	-0.06	9.28E-01	9.90E-01
MS4A14	0.41	7.31E-01	1.00E+00	-0.11	9.28E-01	9.90E-01
C11orf65	-0.08	9.37E-01	1.00E+00	0.06	9.28E-01	9.90E-01
SLC8A3	0.13	8.23E-01	1.00E+00	-0.11	9.28E-01	9.90E-01
GNB1	0.05	7.19E-01	1.00E+00	0.04	9.28E-01	9.90E-01
WNT3A	-1.08	2.59E-03	2.61E-01	-0.06	9.28E-01	9.90E-01
VANGL2	-0.25	3.40E-01	1.00E+00	-0.06	9.28E-01	9.90E-01
CFAP69	0.35	5.28E-01	1.00E+00	0.06	9.28E-01	9.90E-01
C19orf44	-0.17	5.73E-01	1.00E+00	0.07	9.28E-01	9.90E-01
CALCOCO1	-0.23	4.15E-01	1.00E+00	-0.02	9.28E-01	9.90E-01
DUOX2	0.48	2.11E-01	1.00E+00	-0.28	9.28E-01	9.90E-01
AC083805.1	0.11	9.75E-01	1.00E+00	0.11	9.28E-01	9.90E-01
FAM110C	-0.11	7.66E-01	1.00E+00	0.06	9.28E-01	9.90E-01
AC105020.5	-1.46	1.82E-01	1.00E+00	0.12	9.28E-01	9.90E-01
MAPK8IP2	-1.07	4.79E-02	1.00E+00	-0.06	9.28E-01	9.90E-01
WSB2	0.27	7.55E-02	1.00E+00	-0.04	9.28E-01	9.90E-01

MCTP1	0.04	9.25E-01	1.00E+00	-0.05	9.28E-01	9.90E-01
CLDN16	0.74	6.67E-02	1.00E+00	0.06	9.28E-01	9.90E-01
AC126283.1	2.77	3.18E-01	1.00E+00	-0.10	9.29E-01	9.90E-01
CLDN4	0.06	8.93E-01	1.00E+00	0.04	9.29E-01	9.90E-01
AC005856.1	0.16	8.93E-01	1.00E+00	0.07	9.29E-01	9.90E-01
TRPV4	-0.17	6.70E-01	1.00E+00	-0.04	9.29E-01	9.90E-01
CAMK2N1	-0.29	6.31E-01	1.00E+00	-0.04	9.29E-01	9.90E-01
XLOC_005798	2.80	1.49E-01	1.00E+00	-0.28	9.29E-01	9.90E-01
FBXW9	-0.34	3.65E-01	1.00E+00	-0.02	9.29E-01	9.90E-01
PDZRN4	0.00	9.97E-01	1.00E+00	-0.09	9.29E-01	9.90E-01
AC008514.1	0.41	7.26E-01	1.00E+00	-0.07	9.29E-01	9.90E-01
CECR2	-1.01	1.21E-01	1.00E+00	0.08	9.29E-01	9.90E-01
TMEM214	-0.07	6.41E-01	1.00E+00	-0.04	9.29E-01	9.90E-01
RXRA	0.00	9.97E-01	1.00E+00	0.04	9.29E-01	9.90E-01
PTCH1	0.01	9.84E-01	1.00E+00	-0.05	9.29E-01	9.90E-01
AC025048.6	0.27	8.92E-01	1.00E+00	-0.06	9.29E-01	9.90E-01
DUBR	0.08	8.25E-01	1.00E+00	-0.03	9.29E-01	9.90E-01
SLC22A5	0.40	2.04E-01	1.00E+00	-0.03	9.29E-01	9.90E-01
AFAP1L2	-0.51	8.53E-02	1.00E+00	-0.03	9.29E-01	9.90E-01
IFNG	-2.43	4.80E-01	1.00E+00	-0.28	9.29E-01	9.90E-01
CILP2	-0.43	8.53E-01	1.00E+00	-0.28	9.29E-01	9.90E-01
AC243960.1	-3.28	1.85E-02	8.55E-01	0.06	9.29E-01	9.90E-01
LCE2B	0.87	2.33E-01	1.00E+00	-0.07	9.29E-01	9.90E-01
THSD1	-0.24	3.77E-01	1.00E+00	-0.05	9.29E-01	9.90E-01
SNHG4	-1.55	6.93E-03	5.08E-01	-0.06	9.29E-01	9.90E-01
AL049557.2	-0.90	7.83E-01	1.00E+00	-0.10	9.30E-01	9.90E-01
RPUSD3	0.06	7.61E-01	1.00E+00	0.02	9.30E-01	9.90E-01
KCTD10	0.15	4.74E-01	1.00E+00	-0.03	9.30E-01	9.90E-01
AC107871.1	-0.37	7.45E-01	1.00E+00	-0.10	9.30E-01	9.90E-01
SLC9A3R1	-0.25	2.59E-01	1.00E+00	-0.02	9.30E-01	9.90E-01
FAM21B	-0.11	9.51E-01	1.00E+00	-0.21	9.30E-01	9.90E-01
XLOC_008109	3.81	6.61E-02	1.00E+00	0.09	9.30E-01	9.90E-01

ERVE-1	-0.44	1.61E-01	1.00E+00	-0.05	9.30E-01	9.90E-01
EEF1A1P22	-0.53	8.05E-01	1.00E+00	-0.07	9.30E-01	9.90E-01
TMEM69	-0.04	8.78E-01	1.00E+00	0.02	9.30E-01	9.90E-01
ADO	-0.13	4.55E-01	1.00E+00	0.03	9.30E-01	9.90E-01
G5901	-1.33	4.99E-01	1.00E+00	-0.12	9.30E-01	9.90E-01
SPAG7	-0.19	2.36E-01	1.00E+00	0.02	9.30E-01	9.90E-01
APTR	0.28	3.03E-01	1.00E+00	-0.03	9.30E-01	9.90E-01
RNF39	-0.20	6.80E-01	1.00E+00	-0.05	9.30E-01	9.90E-01
FBXO28	-0.04	9.05E-01	1.00E+00	0.02	9.30E-01	9.90E-01
TMEM123	0.14	5.72E-01	1.00E+00	-0.02	9.30E-01	9.90E-01
AC025682.1	0.69	5.23E-01	1.00E+00	0.05	9.30E-01	9.90E-01
TNFSF15	0.12	8.87E-01	1.00E+00	-0.07	9.30E-01	9.90E-01
LINC01266	-0.96	4.09E-01	1.00E+00	-0.09	9.30E-01	9.90E-01
AC112206.2	0.06	9.70E-01	1.00E+00	-0.09	9.30E-01	9.90E-01
AL049775.2	-0.93	6.22E-01	1.00E+00	-0.10	9.30E-01	9.90E-01
ZNF658	0.25	4.66E-01	1.00E+00	-0.03	9.30E-01	9.90E-01
CEP120	0.01	9.83E-01	1.00E+00	-0.05	9.30E-01	9.90E-01
ZNF112	0.67	5.54E-02	1.00E+00	0.03	9.30E-01	9.90E-01
CAPN1	-0.16	5.31E-01	1.00E+00	0.04	9.30E-01	9.90E-01
TBRG4	0.13	5.06E-01	1.00E+00	0.02	9.30E-01	9.90E-01
PAN3-AS1	0.63	3.05E-01	1.00E+00	0.08	9.30E-01	9.90E-01
AL357140.2	-0.95	6.33E-01	1.00E+00	0.05	9.30E-01	9.90E-01
IQGAP1	-0.25	1.90E-01	1.00E+00	-0.02	9.30E-01	9.90E-01
IRS2	-0.26	5.83E-01	1.00E+00	0.04	9.30E-01	9.90E-01
RPL7P26	-0.10	9.76E-01	1.00E+00	0.08	9.30E-01	9.90E-01
ATG4D	-0.05	8.40E-01	1.00E+00	-0.05	9.30E-01	9.90E-01
LINC01127	0.35	5.59E-01	1.00E+00	-0.27	9.31E-01	9.90E-01
MECOM	0.39	4.33E-01	1.00E+00	-0.05	9.31E-01	9.90E-01
YTHDF3	0.03	8.55E-01	1.00E+00	0.02	9.31E-01	9.90E-01
ZNF280B	-0.75	3.68E-01	1.00E+00	-0.07	9.31E-01	9.90E-01
AC116562.4	-1.58	2.23E-01	1.00E+00	0.07	9.31E-01	9.90E-01
CRYM	-0.85	1.08E-02	6.42E-01	0.03	9.31E-01	9.90E-01

AC073284.1	1.57	4.27E-01	1.00E+00	-0.08	9.31E-01	9.90E-01
PSMC2	0.01	9.65E-01	1.00E+00	0.02	9.31E-01	9.90E-01
RIPK4	-0.33	1.58E-01	1.00E+00	0.05	9.31E-01	9.90E-01
XLOC_003615	-1.53	1.27E-01	1.00E+00	0.07	9.31E-01	9.90E-01
MED19	0.08	7.15E-01	1.00E+00	0.03	9.31E-01	9.90E-01
SIK3	-0.05	8.31E-01	1.00E+00	0.05	9.31E-01	9.90E-01
XLOC_010704	-1.81	3.45E-01	1.00E+00	0.11	9.31E-01	9.90E-01
MIEF1	0.12	5.87E-01	1.00E+00	0.02	9.31E-01	9.90E-01
GTF3C1	-0.14	5.95E-01	1.00E+00	0.03	9.31E-01	9.90E-01
AP001922.3	1.27	5.01E-01	1.00E+00	-0.12	9.31E-01	9.90E-01
FMOD	0.54	2.45E-01	1.00E+00	0.04	9.31E-01	9.90E-01
DCLK3	-0.31	4.46E-01	1.00E+00	0.09	9.31E-01	9.90E-01
THAP5	-0.05	8.51E-01	1.00E+00	-0.04	9.31E-01	9.90E-01
XLOC_002888	-1.09	2.63E-01	1.00E+00	-0.09	9.31E-01	9.90E-01
LINC01873	-1.52	3.71E-01	1.00E+00	-0.09	9.31E-01	9.90E-01
TPT1P9	-1.40	6.84E-01	1.00E+00	0.07	9.31E-01	9.90E-01
CD151	0.27	5.28E-01	1.00E+00	-0.03	9.31E-01	9.90E-01
ZCCHC24	0.50	3.30E-01	1.00E+00	0.05	9.31E-01	9.90E-01
TPPP2	0.55	7.47E-01	1.00E+00	0.16	9.31E-01	9.90E-01
BABAM2	-0.31	1.66E-01	1.00E+00	0.01	9.31E-01	9.90E-01
RNA5SP151	1.50	6.61E-01	1.00E+00	-0.27	9.32E-01	9.90E-01
OR2A7	-0.57	3.13E-01	1.00E+00	0.05	9.32E-01	9.90E-01
EML4	-0.16	5.94E-01	1.00E+00	0.02	9.32E-01	9.90E-01
CDH1	-0.13	6.63E-01	1.00E+00	0.04	9.32E-01	9.90E-01
TMEM134	-0.12	7.22E-01	1.00E+00	-0.04	9.32E-01	9.90E-01
ZDHHC1	-0.12	6.25E-01	1.00E+00	-0.07	9.32E-01	9.90E-01
ZNF526	0.00	9.86E-01	1.00E+00	0.03	9.32E-01	9.90E-01
ARHGAP11A	0.20	5.18E-01	1.00E+00	0.04	9.32E-01	9.90E-01
HES7	-0.53	6.51E-01	1.00E+00	-0.10	9.32E-01	9.90E-01
PLEKHA8P1	0.41	5.21E-01	1.00E+00	-0.05	9.32E-01	9.90E-01
PC	0.98	1.82E-01	1.00E+00	-0.06	9.32E-01	9.90E-01
RNF31	-0.29	2.74E-01	1.00E+00	0.06	9.32E-01	9.90E-01

PKD2L2	-3.76	2.83E-02	9.75E-01	-0.09	9.32E-01	9.90E-01
CIZ1	-0.26	3.59E-01	1.00E+00	0.03	9.32E-01	9.90E-01
TBC1D17	-0.21	3.78E-01	1.00E+00	0.03	9.32E-01	9.90E-01
DSG1	0.08	8.72E-01	1.00E+00	0.05	9.32E-01	9.90E-01
FOXK1	0.24	5.82E-01	1.00E+00	0.03	9.32E-01	9.90E-01
JAKMIP3	-0.28	6.64E-01	1.00E+00	-0.08	9.32E-01	9.90E-01
CDC14B	0.25	4.72E-01	1.00E+00	0.03	9.32E-01	9.90E-01
C9orf84	-0.51	6.47E-01	1.00E+00	-0.08	9.32E-01	9.90E-01
XLOC_000105	-0.28	6.47E-01	1.00E+00	0.27	9.32E-01	9.90E-01
MYLIP	0.12	6.30E-01	1.00E+00	0.04	9.32E-01	9.90E-01
AC005532.1	0.50	7.12E-01	1.00E+00	0.08	9.32E-01	9.90E-01
C2CD4D	0.03	9.51E-01	1.00E+00	0.07	9.32E-01	9.90E-01
PKNOX1	-0.14	3.62E-01	1.00E+00	-0.02	9.32E-01	9.90E-01
AF127577.2	-1.33	6.98E-01	1.00E+00	-0.09	9.32E-01	9.90E-01
LIMS2	0.05	9.17E-01	1.00E+00	-0.04	9.32E-01	9.90E-01
MRAS	1.09	1.69E-01	1.00E+00	-0.05	9.33E-01	9.90E-01
FKBP2	-0.02	9.20E-01	1.00E+00	-0.01	9.33E-01	9.90E-01
NFRKB	-0.21	4.08E-01	1.00E+00	-0.03	9.33E-01	9.90E-01
STOML2	-0.09	6.23E-01	1.00E+00	0.01	9.33E-01	9.90E-01
TMPRSS11F	0.72	4.40E-01	1.00E+00	0.07	9.33E-01	9.90E-01
AC097382.2	3.41	2.30E-01	1.00E+00	0.10	9.33E-01	9.90E-01
BAIAP2L2	-0.93	5.31E-02	1.00E+00	0.04	9.33E-01	9.90E-01
SLC8A1-AS1	-0.61	7.46E-01	1.00E+00	0.06	9.33E-01	9.90E-01
MARCO	0.20	7.82E-01	1.00E+00	0.25	9.33E-01	9.90E-01
ZPLD1	1.36	6.21E-01	1.00E+00	-0.12	9.33E-01	9.90E-01
AC037459.3	-0.25	7.77E-01	1.00E+00	-0.08	9.33E-01	9.90E-01
PIM3	-0.59	1.48E-01	1.00E+00	-0.04	9.33E-01	9.90E-01
POLR1E	0.08	7.02E-01	1.00E+00	-0.02	9.33E-01	9.90E-01
AC018529.3	-1.26	7.16E-01	1.00E+00	0.11	9.33E-01	9.90E-01
ALAS1	0.03	8.97E-01	1.00E+00	0.02	9.33E-01	9.90E-01
GOLGA8B	-0.62	3.83E-01	1.00E+00	0.05	9.33E-01	9.90E-01
AC007014.2	0.95	6.08E-01	1.00E+00	0.06	9.33E-01	9.90E-01

AC107918.4	-0.01	9.94E-01	1.00E+00	0.05	9.33E-01	9.90E-01
AC015921.1	-2.35	1.13E-01	1.00E+00	-0.11	9.33E-01	9.90E-01
AL603910.1	-1.03	4.19E-01	1.00E+00	0.07	9.33E-01	9.90E-01
AP001282.2	-1.73	5.80E-01	1.00E+00	-0.05	9.33E-01	9.90E-01
AC007786.1	-0.94	5.58E-01	1.00E+00	-0.08	9.34E-01	9.90E-01
AC073585.1	-0.44	7.76E-01	1.00E+00	0.12	9.34E-01	9.90E-01
AC069544.1	-0.08	9.10E-01	1.00E+00	0.04	9.34E-01	9.90E-01
OSBPL11	0.04	8.73E-01	1.00E+00	-0.03	9.34E-01	9.90E-01
RALY	-0.16	3.93E-01	1.00E+00	0.03	9.34E-01	9.90E-01
ANKRD6	-0.43	2.86E-01	1.00E+00	-0.05	9.34E-01	9.90E-01
MAD1L1	-0.32	1.74E-01	1.00E+00	0.01	9.34E-01	9.90E-01
KRTAP10-9	-12.88	1.76E-04	4.07E-02	-0.27	9.34E-01	9.90E-01
AP001992.1	1.05	4.87E-01	1.00E+00	-0.11	9.34E-01	9.90E-01
AC068831.7	-0.65	6.31E-01	1.00E+00	-0.21	9.34E-01	9.90E-01
AL137009.1	0.54	6.97E-01	1.00E+00	-0.07	9.34E-01	9.90E-01
OXSM	-0.02	9.38E-01	1.00E+00	0.02	9.34E-01	9.90E-01
AL161891.1	0.60	3.30E-01	1.00E+00	0.06	9.34E-01	9.90E-01
C1orf123	-0.01	9.59E-01	1.00E+00	-0.02	9.34E-01	9.90E-01
ALOX12P2	-2.02	1.31E-01	1.00E+00	0.08	9.34E-01	9.90E-01
LINC00540	-0.19	9.14E-01	1.00E+00	0.10	9.34E-01	9.90E-01
PPP1R3B	0.18	5.42E-01	1.00E+00	-0.03	9.34E-01	9.90E-01
LRRC37A16P	0.33	4.30E-01	1.00E+00	-0.02	9.34E-01	9.90E-01
TARDBP	0.12	5.76E-01	1.00E+00	0.02	9.34E-01	9.90E-01
AC003973.3	1.15	4.16E-01	1.00E+00	0.09	9.34E-01	9.90E-01
ITPRIPL1	0.57	3.23E-01	1.00E+00	0.05	9.35E-01	9.90E-01
FIGNL1	0.10	6.91E-01	1.00E+00	-0.04	9.35E-01	9.90E-01
RPSAP15	-0.01	9.81E-01	1.00E+00	0.03	9.35E-01	9.90E-01
MMEL1	0.75	4.47E-01	1.00E+00	0.07	9.35E-01	9.90E-01
NTRK2	0.39	4.14E-01	1.00E+00	-0.04	9.35E-01	9.90E-01
TMEM33	0.17	4.64E-01	1.00E+00	-0.03	9.35E-01	9.90E-01
KCTD17	0.01	9.87E-01	1.00E+00	-0.05	9.35E-01	9.90E-01
LEF1-AS1	-2.26	1.09E-01	1.00E+00	-0.07	9.35E-01	9.90E-01

USP3	-0.07	7.43E-01	1.00E+00	-0.02	9.35E-01	9.90E-01
RWDD3	0.41	6.06E-01	1.00E+00	-0.05	9.35E-01	9.90E-01
GTSF1	-3.32	8.83E-02	1.00E+00	-0.06	9.35E-01	9.90E-01
DENND2C	0.24	5.73E-01	1.00E+00	0.03	9.35E-01	9.90E-01
POLD2	-0.17	4.02E-01	1.00E+00	-0.02	9.35E-01	9.90E-01
HSPBP1	-0.27	3.06E-01	1.00E+00	0.02	9.35E-01	9.90E-01
RASD2	-0.20	7.43E-01	1.00E+00	-0.05	9.35E-01	9.90E-01
EVC2	0.26	3.90E-01	1.00E+00	0.05	9.35E-01	9.90E-01
SMC5-AS1	-1.76	9.49E-02	1.00E+00	-0.05	9.35E-01	9.90E-01
CAMSAP2	-0.04	8.91E-01	1.00E+00	0.03	9.35E-01	9.90E-01
ALKBH4	0.06	7.62E-01	1.00E+00	0.03	9.35E-01	9.90E-01
E2F1	-0.09	7.08E-01	1.00E+00	0.06	9.35E-01	9.90E-01
AL078590.3	-1.05	1.14E-01	1.00E+00	-0.05	9.35E-01	9.90E-01
TCEAL4	0.03	8.78E-01	1.00E+00	-0.02	9.36E-01	9.90E-01
STK17A	0.00	9.96E-01	1.00E+00	-0.05	9.36E-01	9.90E-01
ZMYND10	0.18	7.88E-01	1.00E+00	-0.06	9.36E-01	9.90E-01
SREK1IP1	0.26	3.58E-01	1.00E+00	0.02	9.36E-01	9.90E-01
GALM	0.12	7.42E-01	1.00E+00	-0.03	9.36E-01	9.90E-01
PHACTR4	-0.19	5.73E-01	1.00E+00	0.02	9.36E-01	9.90E-01
AC103718.1	0.09	9.13E-01	1.00E+00	-0.07	9.36E-01	9.90E-01
SH2D4A	0.14	6.69E-01	1.00E+00	0.02	9.36E-01	9.90E-01
CCDC138	0.06	8.59E-01	1.00E+00	0.04	9.36E-01	9.90E-01
TPRN	-0.08	8.32E-01	1.00E+00	-0.03	9.36E-01	9.90E-01
FYN	0.09	7.47E-01	1.00E+00	-0.04	9.36E-01	9.90E-01
AC023790.2	0.18	8.93E-01	1.00E+00	0.08	9.36E-01	9.90E-01
PI4KA	-0.39	5.49E-02	1.00E+00	0.04	9.36E-01	9.90E-01
BMPER	-0.13	8.64E-01	1.00E+00	0.16	9.36E-01	9.90E-01
TUBBP5	-0.51	6.05E-01	1.00E+00	-0.06	9.36E-01	9.90E-01
IMPG2	-1.98	2.44E-01	1.00E+00	-0.13	9.36E-01	9.90E-01
FBXO42	0.12	5.67E-01	1.00E+00	-0.02	9.36E-01	9.91E-01
KRT73	-2.55	4.24E-01	1.00E+00	0.10	9.37E-01	9.91E-01
F2R	0.14	6.17E-01	1.00E+00	-0.02	9.37E-01	9.91E-01

AP003031.1	0.55	3.47E-01	1.00E+00	0.04	9.37E-01	9.91E-01
WSCD1	0.32	4.06E-01	1.00E+00	0.06	9.37E-01	9.91E-01
COBL	0.03	8.98E-01	1.00E+00	-0.04	9.37E-01	9.91E-01
SLC17A5	0.05	8.53E-01	1.00E+00	0.02	9.37E-01	9.91E-01
KANK3	0.53	3.45E-01	1.00E+00	-0.06	9.37E-01	9.91E-01
STARD7-AS1	-0.02	9.53E-01	1.00E+00	0.04	9.37E-01	9.91E-01
DIAPH1	-0.06	7.99E-01	1.00E+00	0.03	9.37E-01	9.91E-01
TCF4	0.26	3.83E-01	1.00E+00	-0.02	9.37E-01	9.91E-01
SLC4A11	-0.25	6.35E-01	1.00E+00	0.05	9.37E-01	9.91E-01
AC084824.4	-3.44	5.68E-02	1.00E+00	0.09	9.37E-01	9.91E-01
TTY15	-0.91	2.83E-01	1.00E+00	0.12	9.37E-01	9.91E-01
SIRT3	-0.01	9.63E-01	1.00E+00	-0.01	9.37E-01	9.91E-01
EIF4BP6	-0.03	9.61E-01	1.00E+00	0.02	9.37E-01	9.91E-01
AC005899.6	-0.09	9.41E-01	1.00E+00	0.07	9.37E-01	9.91E-01
C19orf70	-0.18	2.65E-01	1.00E+00	-0.02	9.37E-01	9.91E-01
KAT8	-0.15	3.28E-01	1.00E+00	-0.04	9.38E-01	9.91E-01
CRB2	-1.00	2.14E-01	1.00E+00	-0.25	9.38E-01	9.91E-01
AC120114.1	-1.88	1.19E-01	1.00E+00	-0.07	9.38E-01	9.91E-01
COL6A6	-0.09	9.04E-01	1.00E+00	-0.25	9.38E-01	9.91E-01
RPS15AP11	-0.33	8.60E-01	1.00E+00	0.05	9.38E-01	9.91E-01
HHIPL1	-0.12	7.60E-01	1.00E+00	0.23	9.38E-01	9.91E-01
CYB561D1	0.52	1.79E-01	1.00E+00	-0.02	9.38E-01	9.91E-01
ATAD3A	-0.67	3.42E-02	1.00E+00	-0.04	9.38E-01	9.91E-01
DTL	-0.44	2.06E-01	1.00E+00	-0.02	9.38E-01	9.91E-01
BX537318.1	-0.28	6.69E-01	1.00E+00	-0.04	9.38E-01	9.91E-01
MRGBP	-0.18	4.70E-01	1.00E+00	0.05	9.38E-01	9.91E-01
FGD5P1	-0.62	3.60E-01	1.00E+00	-0.11	9.38E-01	9.91E-01
LCN12	-4.16	5.13E-02	1.00E+00	0.12	9.38E-01	9.91E-01
ABHD17A	-0.09	7.63E-01	1.00E+00	-0.08	9.38E-01	9.91E-01
RPS13P2	-1.40	1.61E-01	1.00E+00	-0.06	9.38E-01	9.91E-01
AL450384.2	-1.69	1.43E-01	1.00E+00	0.05	9.38E-01	9.91E-01
PCDH19	0.24	5.78E-01	1.00E+00	-0.06	9.38E-01	9.91E-01

AC009053.1	0.09	8.50E-01	1.00E+00	0.04	9.38E-01	9.91E-01
G37033	-3.42	6.14E-02	1.00E+00	0.09	9.38E-01	9.91E-01
AC005225.4	0.38	5.85E-01	1.00E+00	-0.06	9.38E-01	9.91E-01
MST1P2	-0.19	7.60E-01	1.00E+00	-0.06	9.38E-01	9.91E-01
AC245060.5	0.80	3.05E-01	1.00E+00	0.05	9.38E-01	9.91E-01
LEMD3	0.00	9.89E-01	1.00E+00	-0.03	9.39E-01	9.91E-01
GRAMD4	-0.05	7.99E-01	1.00E+00	-0.03	9.39E-01	9.91E-01
FAM83G	-0.28	5.40E-01	1.00E+00	0.05	9.39E-01	9.91E-01
PAPPA2	0.27	8.07E-01	1.00E+00	0.07	9.39E-01	9.91E-01
SEC63	0.04	7.82E-01	1.00E+00	0.01	9.39E-01	9.91E-01
AC092902.2	0.75	2.60E-01	1.00E+00	0.04	9.39E-01	9.91E-01
HIST1H3E	0.73	2.82E-01	1.00E+00	0.06	9.39E-01	9.91E-01
AL391058.1	0.55	6.71E-01	1.00E+00	-0.04	9.39E-01	9.91E-01
UBQLNL	0.41	7.86E-01	1.00E+00	-0.13	9.39E-01	9.91E-01
TRAM1	0.18	3.79E-01	1.00E+00	0.02	9.39E-01	9.91E-01
CAST	0.06	7.07E-01	1.00E+00	0.01	9.39E-01	9.91E-01
AL354761.1	0.34	6.76E-01	1.00E+00	-0.07	9.39E-01	9.91E-01
AGK	-0.22	3.03E-01	1.00E+00	-0.01	9.39E-01	9.91E-01
UBE2Q1	0.07	7.44E-01	1.00E+00	-0.03	9.39E-01	9.91E-01
USE1	-0.02	8.90E-01	1.00E+00	0.02	9.39E-01	9.91E-01
BRD1	-0.22	4.86E-01	1.00E+00	0.03	9.39E-01	9.91E-01
AL133367.1	0.26	6.21E-01	1.00E+00	-0.06	9.39E-01	9.91E-01
RNF123	-0.15	4.32E-01	1.00E+00	0.04	9.39E-01	9.91E-01
AL158152.2	1.08	3.46E-01	1.00E+00	-0.05	9.39E-01	9.91E-01
ZFH4-AS1	-1.85	4.89E-01	1.00E+00	0.24	9.39E-01	9.91E-01
RCC1L	0.26	2.58E-01	1.00E+00	-0.05	9.39E-01	9.91E-01
NYNRIN	-0.23	4.33E-01	1.00E+00	0.04	9.39E-01	9.91E-01
PID1	0.75	2.11E-02	8.94E-01	0.03	9.39E-01	9.91E-01
SAMD1	-0.22	3.61E-01	1.00E+00	-0.04	9.39E-01	9.91E-01
AKAP7	0.41	1.51E-01	1.00E+00	-0.04	9.39E-01	9.91E-01
CCAR2	-0.10	6.13E-01	1.00E+00	-0.03	9.39E-01	9.91E-01
GALNT17	-0.21	7.55E-01	1.00E+00	-0.17	9.40E-01	9.91E-01

AC015813.6	0.68	9.23E-02	1.00E+00	-0.04	9.40E-01	9.91E-01
SLC6A9	-0.03	9.46E-01	1.00E+00	0.03	9.40E-01	9.91E-01
AC112907.3	0.56	5.80E-01	1.00E+00	-0.08	9.40E-01	9.91E-01
ARMCX1	0.30	3.17E-01	1.00E+00	-0.02	9.40E-01	9.91E-01
PLRG1	0.04	8.12E-01	1.00E+00	0.01	9.40E-01	9.91E-01
PROSER1	-0.16	5.26E-01	1.00E+00	-0.02	9.40E-01	9.91E-01
TBC1D5	-0.02	9.40E-01	1.00E+00	0.02	9.40E-01	9.91E-01
AC091163.1	-0.32	8.21E-01	1.00E+00	-0.11	9.40E-01	9.91E-01
GPS1	-0.27	1.57E-01	1.00E+00	-0.01	9.40E-01	9.91E-01
XLOC_006168	-0.91	2.51E-01	1.00E+00	0.07	9.40E-01	9.91E-01
AL357054.2	-3.59	1.63E-01	1.00E+00	0.07	9.40E-01	9.91E-01
C16orf72	0.03	8.74E-01	1.00E+00	-0.03	9.40E-01	9.91E-01
CHIC2	0.00	9.97E-01	1.00E+00	-0.02	9.40E-01	9.91E-01
AC123768.3	-0.75	7.99E-01	1.00E+00	-0.05	9.40E-01	9.91E-01
MYO5B	-0.47	3.00E-01	1.00E+00	0.04	9.40E-01	9.91E-01
ZFP64	-0.14	6.13E-01	1.00E+00	-0.02	9.40E-01	9.91E-01
SHF	-0.24	4.59E-01	1.00E+00	0.05	9.40E-01	9.91E-01
AC099518.6	0.11	8.66E-01	1.00E+00	0.06	9.40E-01	9.91E-01
ESRRA	-0.19	4.70E-01	1.00E+00	0.05	9.40E-01	9.91E-01
TRMT112	0.05	7.42E-01	1.00E+00	-0.02	9.40E-01	9.91E-01
CAPN14	-0.83	2.87E-01	1.00E+00	0.08	9.40E-01	9.91E-01
SNRPA	-0.10	6.46E-01	1.00E+00	0.01	9.41E-01	9.91E-01
C8orf58	-0.01	9.83E-01	1.00E+00	-0.03	9.41E-01	9.91E-01
ARL17A	-0.03	9.77E-01	1.00E+00	-0.04	9.41E-01	9.91E-01
MAPT	-0.15	6.46E-01	1.00E+00	0.03	9.41E-01	9.91E-01
DOCK9	0.00	9.94E-01	1.00E+00	0.02	9.41E-01	9.91E-01
MSANTD3	-0.16	5.06E-01	1.00E+00	-0.02	9.41E-01	9.91E-01
PIGQ	-0.07	7.73E-01	1.00E+00	0.03	9.41E-01	9.91E-01
AC022916.1	0.01	9.90E-01	1.00E+00	0.02	9.41E-01	9.91E-01
AL031429.2	1.08	3.52E-01	1.00E+00	-0.06	9.41E-01	9.91E-01
RP11-353N4.8	-1.16	7.39E-01	1.00E+00	0.07	9.41E-01	9.91E-01
SIX1	3.95	2.75E-02	9.69E-01	-0.06	9.41E-01	9.91E-01

BCAS3	-0.35	1.49E-01	1.00E+00	-0.03	9.41E-01	9.91E-01
YWHAZP5	0.14	9.67E-01	1.00E+00	0.05	9.41E-01	9.91E-01
AL162431.2	0.00	9.98E-01	1.00E+00	-0.07	9.41E-01	9.91E-01
G10803	-1.52	6.60E-01	1.00E+00	0.24	9.41E-01	9.91E-01
AL137782.1	-2.12	4.31E-01	1.00E+00	0.06	9.41E-01	9.91E-01
ALAD	0.08	7.57E-01	1.00E+00	-0.02	9.41E-01	9.91E-01
LINC01415	-0.31	5.57E-01	1.00E+00	0.05	9.41E-01	9.91E-01
GFI1B	-0.12	9.27E-01	1.00E+00	-0.06	9.41E-01	9.91E-01
R3HDM4	-0.42	1.07E-01	1.00E+00	-0.05	9.41E-01	9.91E-01
CENPN	-0.42	2.66E-01	1.00E+00	0.02	9.41E-01	9.91E-01
SNRPC	-0.10	6.11E-01	1.00E+00	-0.02	9.41E-01	9.91E-01
CFD	1.05	2.70E-02	9.59E-01	-0.04	9.42E-01	9.91E-01
DUSP26	-3.41	2.10E-03	2.39E-01	-0.10	9.42E-01	9.91E-01
AP000808.1	-0.03	9.50E-01	1.00E+00	-0.08	9.42E-01	9.91E-01
C9orf85	0.05	8.25E-01	1.00E+00	0.02	9.42E-01	9.91E-01
GPC6	0.88	2.55E-01	1.00E+00	-0.04	9.42E-01	9.91E-01
TFPI	0.77	3.70E-02	1.00E+00	-0.03	9.42E-01	9.91E-01
G35948	0.81	4.92E-01	1.00E+00	0.06	9.42E-01	9.91E-01
SLC5A5	-3.74	7.98E-02	1.00E+00	0.23	9.42E-01	9.91E-01
PIN1	-0.13	5.72E-01	1.00E+00	-0.02	9.42E-01	9.91E-01
AC093583.1	0.17	9.60E-01	1.00E+00	-0.13	9.42E-01	9.91E-01
AP005018.2	-2.44	4.47E-01	1.00E+00	-0.07	9.42E-01	9.91E-01
LDLRAD4-AS1	-1.22	1.79E-01	1.00E+00	0.08	9.42E-01	9.91E-01
CYP2A6	2.83	1.10E-01	1.00E+00	0.10	9.42E-01	9.91E-01
KRT3	-0.03	9.65E-01	1.00E+00	-0.23	9.42E-01	9.91E-01
NR2F6	0.14	5.37E-01	1.00E+00	0.04	9.42E-01	9.91E-01
DCUN1D3	0.39	1.47E-01	1.00E+00	-0.04	9.42E-01	9.91E-01
TNS2	0.05	9.08E-01	1.00E+00	0.05	9.42E-01	9.91E-01
AC002075.2	1.74	5.13E-01	1.00E+00	0.06	9.42E-01	9.91E-01
MBTD1	0.24	3.15E-01	1.00E+00	0.03	9.42E-01	9.91E-01
GP6	0.44	7.10E-01	1.00E+00	0.07	9.42E-01	9.91E-01
PARP2	-0.13	6.38E-01	1.00E+00	-0.02	9.42E-01	9.91E-01

UQCRBP1	-1.62	6.37E-01	1.00E+00	0.08	9.42E-01	9.91E-01
C17orf99	-1.07	3.13E-01	1.00E+00	0.06	9.43E-01	9.91E-01
C21orf91	-0.05	9.12E-01	1.00E+00	0.02	9.43E-01	9.91E-01
MST1R	-0.01	9.73E-01	1.00E+00	-0.04	9.43E-01	9.91E-01
LINC01508	-2.49	1.57E-01	1.00E+00	-0.09	9.43E-01	9.91E-01
NUTM2D	-0.13	8.52E-01	1.00E+00	0.22	9.43E-01	9.91E-01
ACTA2	-0.05	9.30E-01	1.00E+00	0.03	9.43E-01	9.91E-01
LINC01353	-0.27	8.68E-01	1.00E+00	0.07	9.43E-01	9.91E-01
GSDMB	-1.19	1.93E-01	1.00E+00	0.06	9.43E-01	9.91E-01
AC104389.4	0.82	6.03E-01	1.00E+00	0.07	9.43E-01	9.91E-01
SERPINA4	-2.28	5.01E-01	1.00E+00	0.14	9.43E-01	9.91E-01
FLJ12825	-0.81	4.52E-01	1.00E+00	0.07	9.43E-01	9.91E-01
HSPA5	-0.66	8.96E-03	5.88E-01	0.02	9.43E-01	9.91E-01
AC020912.1	-0.79	5.75E-01	1.00E+00	-0.11	9.43E-01	9.91E-01
AP000240.1	0.68	3.56E-01	1.00E+00	-0.06	9.43E-01	9.91E-01
G2136	1.05	3.16E-01	1.00E+00	0.09	9.43E-01	9.91E-01
AL136985.3	-1.79	6.00E-01	1.00E+00	-0.23	9.43E-01	9.91E-01
RPL7AP11	-0.10	9.59E-01	1.00E+00	0.04	9.43E-01	9.91E-01
NR3C1	0.19	2.67E-01	1.00E+00	-0.01	9.43E-01	9.91E-01
CEACAM1	-0.12	8.77E-01	1.00E+00	-0.03	9.43E-01	9.91E-01
COL17A1	-0.12	6.65E-01	1.00E+00	-0.04	9.43E-01	9.91E-01
CADPS2	0.05	9.13E-01	1.00E+00	0.05	9.43E-01	9.91E-01
ADTRP	-0.32	5.25E-01	1.00E+00	-0.04	9.43E-01	9.91E-01
SSBP2	0.03	8.69E-01	1.00E+00	-0.02	9.43E-01	9.91E-01
F13A1	0.12	8.04E-01	1.00E+00	0.04	9.43E-01	9.91E-01
VSIG10L2	0.32	5.64E-01	1.00E+00	-0.06	9.43E-01	9.91E-01
UCN2	-1.49	1.17E-02	6.70E-01	0.06	9.43E-01	9.91E-01
IQCK	-0.60	1.80E-01	1.00E+00	0.02	9.43E-01	9.91E-01
RPL12P10	0.46	6.65E-01	1.00E+00	-0.12	9.44E-01	9.91E-01
AC108866.1	0.89	5.89E-01	1.00E+00	0.06	9.44E-01	9.91E-01
AC008781.2	-0.03	9.92E-01	1.00E+00	-0.09	9.44E-01	9.91E-01
KRTAP29-1	-3.45	3.00E-01	1.00E+00	-0.23	9.44E-01	9.91E-01

PDPK1	0.28	1.03E-01	1.00E+00	0.02	9.44E-01	9.91E-01
AC012467.2	0.74	2.02E-01	1.00E+00	0.05	9.44E-01	9.91E-01
MANF	-0.09	7.02E-01	1.00E+00	0.02	9.44E-01	9.91E-01
MYBPC1	1.02	1.17E-01	1.00E+00	-0.06	9.44E-01	9.91E-01
G8112	-1.05	1.81E-01	1.00E+00	0.04	9.44E-01	9.91E-01
LINC00649	-0.41	4.49E-01	1.00E+00	-0.03	9.45E-01	9.92E-01
FTH1P20	-1.15	4.15E-01	1.00E+00	-0.05	9.45E-01	9.92E-01
MCM3	-0.23	1.22E-01	1.00E+00	0.01	9.45E-01	9.92E-01
PRSS12	-0.07	8.05E-01	1.00E+00	-0.04	9.45E-01	9.92E-01
KCTD5	0.05	8.71E-01	1.00E+00	-0.03	9.45E-01	9.92E-01
C3orf18	0.07	8.95E-01	1.00E+00	0.03	9.45E-01	9.92E-01
POLG	0.12	5.55E-01	1.00E+00	0.04	9.45E-01	9.92E-01
CHCHD5	-0.16	4.73E-01	1.00E+00	0.02	9.45E-01	9.92E-01
AP001542.1	-0.96	3.11E-01	1.00E+00	-0.07	9.45E-01	9.92E-01
AC093673.1	-0.13	8.04E-01	1.00E+00	0.05	9.45E-01	9.92E-01
WDR5	0.33	1.96E-01	1.00E+00	0.02	9.45E-01	9.92E-01
G40462	-1.78	1.11E-01	1.00E+00	-0.16	9.45E-01	9.92E-01
PRR5	0.51	2.00E-01	1.00E+00	-0.04	9.45E-01	9.92E-01
LAIR2	-0.92	7.84E-01	1.00E+00	0.08	9.45E-01	9.92E-01
TUBA3D	-0.83	5.38E-01	1.00E+00	-0.07	9.45E-01	9.92E-01
PPCDC	0.09	7.85E-01	1.00E+00	0.01	9.45E-01	9.92E-01
ZNF786	-0.38	2.22E-01	1.00E+00	0.02	9.45E-01	9.92E-01
UGCG	0.27	5.98E-01	1.00E+00	0.02	9.46E-01	9.92E-01
CRYBG1	0.28	4.53E-01	1.00E+00	0.03	9.46E-01	9.92E-01
SNX19	0.44	4.48E-02	1.00E+00	0.03	9.46E-01	9.92E-01
MARK3	-0.03	8.87E-01	1.00E+00	0.04	9.46E-01	9.92E-01
TNFRSF8	-0.65	3.19E-01	1.00E+00	-0.05	9.46E-01	9.92E-01
AC103563.7	-2.25	1.85E-01	1.00E+00	0.09	9.46E-01	9.92E-01
PRSS57	-1.44	2.79E-01	1.00E+00	0.10	9.46E-01	9.92E-01
SMG1P3	-0.06	8.90E-01	1.00E+00	0.04	9.46E-01	9.92E-01
PURB	-0.11	6.61E-01	1.00E+00	-0.03	9.46E-01	9.92E-01
CEP72	0.13	7.28E-01	1.00E+00	0.03	9.46E-01	9.92E-01

AC007969.1	-0.08	8.38E-01	1.00E+00	0.05	9.46E-01	9.92E-01
G22256	0.59	6.62E-01	1.00E+00	-0.05	9.46E-01	9.92E-01
SCRG1	-0.47	5.21E-01	1.00E+00	-0.04	9.46E-01	9.92E-01
NBPF20	-1.22	7.51E-02	1.00E+00	0.03	9.46E-01	9.92E-01
CEP89	-0.25	1.34E-01	1.00E+00	0.01	9.46E-01	9.92E-01
AC090360.1	-0.03	9.86E-01	1.00E+00	-0.08	9.46E-01	9.92E-01
CPNE8	0.64	1.42E-01	1.00E+00	-0.02	9.46E-01	9.92E-01
MORN3	0.18	5.76E-01	1.00E+00	-0.03	9.46E-01	9.92E-01
AC012306.2	-0.45	1.56E-01	1.00E+00	0.02	9.46E-01	9.92E-01
ATP1A2	0.65	3.61E-01	1.00E+00	0.05	9.46E-01	9.92E-01
IL1RL2	0.22	6.19E-01	1.00E+00	-0.03	9.46E-01	9.92E-01
AC007342.7	-0.84	2.14E-01	1.00E+00	0.05	9.46E-01	9.92E-01
AL445248.1	1.21	7.24E-01	1.00E+00	0.06	9.46E-01	9.92E-01
TECRL	2.09	2.18E-01	1.00E+00	-0.22	9.46E-01	9.92E-01
KCNMB1	0.27	6.50E-01	1.00E+00	-0.02	9.46E-01	9.92E-01
DDX18	0.20	2.03E-01	1.00E+00	0.01	9.46E-01	9.92E-01
TAGLN2	-0.12	6.08E-01	1.00E+00	-0.01	9.46E-01	9.92E-01
HBB	0.43	7.37E-01	1.00E+00	-0.21	9.46E-01	9.92E-01
XLOC_011942	2.37	2.20E-01	1.00E+00	-0.19	9.46E-01	9.92E-01
DUS1L	-0.18	3.90E-01	1.00E+00	-0.04	9.46E-01	9.92E-01
CLDN2	0.21	8.17E-01	1.00E+00	0.21	9.46E-01	9.92E-01
PTPRA	-0.05	7.95E-01	1.00E+00	0.03	9.46E-01	9.92E-01
TMLHE-AS1	-2.45	2.23E-01	1.00E+00	-0.07	9.47E-01	9.92E-01
ATP5S	0.04	8.32E-01	1.00E+00	-0.02	9.47E-01	9.92E-01
TBL3	-0.26	3.32E-01	1.00E+00	0.01	9.47E-01	9.92E-01
IGFBPL1	-3.21	2.20E-01	1.00E+00	-0.11	9.47E-01	9.92E-01
TPGS1	-0.30	3.15E-01	1.00E+00	-0.06	9.47E-01	9.92E-01
G11773	-0.74	3.74E-01	1.00E+00	0.05	9.47E-01	9.92E-01
AC123912.4	0.36	6.81E-01	1.00E+00	0.07	9.47E-01	9.92E-01
ATP2A1-AS1	-2.04	4.77E-01	1.00E+00	-0.06	9.47E-01	9.92E-01
DOC2B	-0.01	9.88E-01	1.00E+00	-0.21	9.47E-01	9.92E-01
LINC02356	-2.91	5.07E-02	1.00E+00	-0.06	9.47E-01	9.92E-01

AGGF1P1	0.05	9.85E-01	1.00E+00	-0.13	9.47E-01	9.92E-01
SPAST	0.16	5.24E-01	1.00E+00	0.01	9.47E-01	9.92E-01
SMUG1-AS1	-0.26	6.64E-01	1.00E+00	-0.05	9.47E-01	9.92E-01
LINC00398	0.09	9.39E-01	1.00E+00	-0.08	9.47E-01	9.92E-01
G11316	-1.93	4.11E-01	1.00E+00	-0.12	9.47E-01	9.92E-01
SLC51A	0.08	7.88E-01	1.00E+00	-0.03	9.47E-01	9.92E-01
FTH1P3	-0.06	9.86E-01	1.00E+00	-0.04	9.47E-01	9.92E-01
CDH16	-1.58	3.98E-01	1.00E+00	-0.11	9.47E-01	9.92E-01
TWF1P1	-0.77	3.75E-01	1.00E+00	0.03	9.47E-01	9.92E-01
PTGDR2	1.92	4.37E-03	3.74E-01	0.08	9.47E-01	9.92E-01
HOMER1	-0.47	1.77E-01	1.00E+00	-0.03	9.48E-01	9.92E-01
CCNB1	0.32	1.75E-01	1.00E+00	-0.02	9.48E-01	9.92E-01
AC079140.5	-1.80	3.54E-01	1.00E+00	-0.07	9.48E-01	9.92E-01
NKTR	0.35	4.75E-01	1.00E+00	-0.02	9.48E-01	9.92E-01
PFN4	0.38	6.98E-01	1.00E+00	-0.06	9.48E-01	9.92E-01
AC069547.1	-0.90	3.72E-02	1.00E+00	-0.03	9.48E-01	9.92E-01
RASL10A	-0.26	7.64E-01	1.00E+00	0.07	9.48E-01	9.92E-01
TSTD2	-0.09	7.62E-01	1.00E+00	-0.02	9.48E-01	9.92E-01
DERL1	0.46	5.42E-02	1.00E+00	0.01	9.48E-01	9.92E-01
AC024940.1	0.44	5.90E-01	1.00E+00	0.05	9.48E-01	9.92E-01
SMC6	-0.16	4.79E-01	1.00E+00	0.01	9.48E-01	9.92E-01
SPRYD4	-0.23	3.23E-01	1.00E+00	-0.01	9.48E-01	9.92E-01
KCNQ4	-0.90	6.24E-02	1.00E+00	-0.06	9.48E-01	9.92E-01
PDZD7	0.39	3.49E-01	1.00E+00	-0.05	9.48E-01	9.92E-01
KRT8	-0.06	9.45E-01	1.00E+00	0.04	9.48E-01	9.92E-01
C1orf52	0.03	8.76E-01	1.00E+00	0.01	9.48E-01	9.92E-01
DEPP1	-0.23	5.58E-01	1.00E+00	-0.04	9.48E-01	9.92E-01
ESYT2	0.16	3.25E-01	1.00E+00	-0.03	9.48E-01	9.92E-01
DEGS2	-0.02	9.72E-01	1.00E+00	0.04	9.48E-01	9.92E-01
RABL2B	-0.10	7.29E-01	1.00E+00	0.01	9.48E-01	9.92E-01
AL162731.1	-1.86	3.05E-01	1.00E+00	0.07	9.48E-01	9.92E-01
EHD4-AS1	-0.25	8.80E-01	1.00E+00	0.06	9.48E-01	9.92E-01

G26247	0.63	6.67E-01	1.00E+00	-0.07	9.48E-01	9.92E-01
TJP1	-0.12	5.03E-01	1.00E+00	-0.01	9.49E-01	9.92E-01
YTHDF2P1	-0.18	9.59E-01	1.00E+00	0.03	9.49E-01	9.92E-01
XLOC_014405	0.12	9.33E-01	1.00E+00	-0.09	9.49E-01	9.92E-01
LANCL2	-0.15	6.05E-01	1.00E+00	-0.01	9.49E-01	9.92E-01
SPACA9	-0.15	5.40E-01	1.00E+00	-0.02	9.49E-01	9.92E-01
ULK4P3	2.54	2.17E-01	1.00E+00	0.07	9.49E-01	9.92E-01
DKFZp779M0652	1.97	4.56E-02	1.00E+00	-0.11	9.49E-01	9.92E-01
RAB5A	-0.20	4.70E-01	1.00E+00	-0.01	9.49E-01	9.92E-01
RND1	-2.37	4.64E-02	1.00E+00	-0.06	9.49E-01	9.92E-01
RPL22	0.12	5.13E-01	1.00E+00	-0.01	9.49E-01	9.92E-01
LRP2	-4.21	5.28E-05	1.40E-02	0.20	9.49E-01	9.92E-01
XLOC_011309	1.36	5.27E-01	1.00E+00	-0.10	9.49E-01	9.92E-01
PCID2	0.24	3.09E-01	1.00E+00	-0.02	9.49E-01	9.92E-01
CDHR4	-3.51	9.95E-03	6.19E-01	0.08	9.49E-01	9.92E-01
AF064858.3	-1.76	1.19E-01	1.00E+00	0.05	9.49E-01	9.92E-01
ETV7	-0.04	9.40E-01	1.00E+00	0.03	9.49E-01	9.92E-01
AC015883.1	1.37	2.73E-01	1.00E+00	-0.08	9.49E-01	9.92E-01
FAM35DP	-0.98	3.18E-01	1.00E+00	-0.03	9.49E-01	9.92E-01
GPBP1	0.11	4.91E-01	1.00E+00	-0.01	9.50E-01	9.92E-01
CATSPERG	-0.24	5.97E-01	1.00E+00	0.03	9.50E-01	9.93E-01
RPS14P8	-2.07	5.39E-01	1.00E+00	0.20	9.50E-01	9.93E-01
VILL	0.23	2.86E-01	1.00E+00	-0.03	9.50E-01	9.93E-01
GUSBP9	0.59	5.42E-01	1.00E+00	0.06	9.50E-01	9.93E-01
XLOC_000318	1.17	2.31E-01	1.00E+00	-0.16	9.50E-01	9.93E-01
AC108488.1	0.61	5.72E-01	1.00E+00	-0.04	9.50E-01	9.93E-01
HCG25	-2.32	1.76E-01	1.00E+00	-0.05	9.50E-01	9.93E-01
ZNF736P9Y	0.61	6.81E-01	1.00E+00	0.12	9.50E-01	9.93E-01
PTGR2	0.87	6.79E-02	1.00E+00	-0.03	9.50E-01	9.93E-01
XLOC_008126	0.35	8.50E-01	1.00E+00	-0.07	9.50E-01	9.93E-01
RPL23AP2	1.50	6.62E-01	1.00E+00	0.05	9.50E-01	9.93E-01
TRAF6	0.05	7.95E-01	1.00E+00	-0.02	9.50E-01	9.93E-01

XLOC_011015	1.57	3.98E-01	1.00E+00	0.06	9.50E-01	9.93E-01
AL137847.2	3.15	1.49E-01	1.00E+00	-0.06	9.50E-01	9.93E-01
TRIOBP	-0.03	9.12E-01	1.00E+00	-0.03	9.50E-01	9.93E-01
POLDIP3	0.14	4.62E-01	1.00E+00	-0.01	9.50E-01	9.93E-01
LINC00571	-0.05	9.54E-01	1.00E+00	-0.06	9.50E-01	9.93E-01
RPL13P2	NA	NA	NA	0.05	9.50E-01	9.93E-01
G36172	-0.38	7.91E-01	1.00E+00	-0.04	9.51E-01	9.93E-01
AL356258.1	4.08	1.51E-01	1.00E+00	0.20	9.51E-01	9.93E-01
TATDN2P3	2.15	2.16E-02	8.94E-01	-0.08	9.51E-01	9.93E-01
SEC62	0.29	2.97E-01	1.00E+00	-0.01	9.51E-01	9.93E-01
DCAF8	0.20	4.05E-01	1.00E+00	0.01	9.51E-01	9.93E-01
CCDC142	0.04	9.23E-01	1.00E+00	0.04	9.51E-01	9.93E-01
XLOC_006198	-0.79	8.19E-01	1.00E+00	0.09	9.51E-01	9.93E-01
UVRAG	0.28	2.55E-01	1.00E+00	0.02	9.51E-01	9.93E-01
PCOTH	0.44	8.99E-01	1.00E+00	-0.06	9.51E-01	9.93E-01
F2RL3	-0.51	4.77E-01	1.00E+00	-0.05	9.51E-01	9.93E-01
CLCN6	0.24	5.17E-01	1.00E+00	0.03	9.51E-01	9.93E-01
REPS2	-0.01	9.76E-01	1.00E+00	0.03	9.51E-01	9.93E-01
PCDHGA4	-0.22	6.60E-01	1.00E+00	-0.06	9.51E-01	9.93E-01
MYH1	3.62	1.01E-01	1.00E+00	-0.09	9.51E-01	9.93E-01
XLOC_013282	-0.02	9.70E-01	1.00E+00	-0.04	9.51E-01	9.93E-01
AC069185.1	-0.12	8.77E-01	1.00E+00	0.04	9.51E-01	9.93E-01
RPL34-AS1	0.85	2.19E-01	1.00E+00	0.04	9.52E-01	9.93E-01
PPL	-0.16	7.27E-01	1.00E+00	0.03	9.52E-01	9.93E-01
AC005775.1	-2.23	2.65E-01	1.00E+00	0.07	9.52E-01	9.93E-01
ATP8B4	0.84	2.55E-01	1.00E+00	-0.04	9.52E-01	9.93E-01
AL118505.1	0.04	9.45E-01	1.00E+00	-0.05	9.52E-01	9.93E-01
LDB2	0.27	6.00E-01	1.00E+00	-0.03	9.52E-01	9.93E-01
AC087477.2	-0.16	8.67E-01	1.00E+00	-0.05	9.52E-01	9.93E-01
NAA10	-0.01	9.83E-01	1.00E+00	0.01	9.52E-01	9.93E-01
TEDC1	-0.31	3.78E-01	1.00E+00	-0.04	9.52E-01	9.93E-01
MIR762HG	-2.49	1.23E-01	1.00E+00	0.03	9.52E-01	9.93E-01

NDUFS7	-0.41	4.02E-01	1.00E+00	-0.04	9.52E-01	9.93E-01
G11672	-0.26	7.32E-01	1.00E+00	-0.10	9.52E-01	9.93E-01
MFAP1	0.11	5.41E-01	1.00E+00	-0.01	9.52E-01	9.93E-01
AC025569.1	0.28	8.86E-01	1.00E+00	0.06	9.52E-01	9.93E-01
HNRNPR	-0.04	8.04E-01	1.00E+00	0.01	9.52E-01	9.93E-01
RHOD	0.01	9.83E-01	1.00E+00	0.02	9.52E-01	9.93E-01
CCP110	0.08	7.80E-01	1.00E+00	-0.01	9.52E-01	9.93E-01
ZNF764	-0.06	8.09E-01	1.00E+00	-0.03	9.52E-01	9.93E-01
RASD1	0.28	6.37E-01	1.00E+00	0.04	9.52E-01	9.93E-01
FAM160A1-DT	0.71	1.99E-01	1.00E+00	-0.05	9.52E-01	9.93E-01
CTXN1	-1.12	1.08E-02	6.40E-01	0.05	9.52E-01	9.93E-01
TMEM62	0.27	3.86E-01	1.00E+00	-0.03	9.52E-01	9.93E-01
ANLN	-0.05	8.93E-01	1.00E+00	0.03	9.52E-01	9.93E-01
NELL1	1.43	3.38E-01	1.00E+00	-0.19	9.52E-01	9.93E-01
LINC00852	0.29	6.23E-01	1.00E+00	0.03	9.52E-01	9.93E-01
AL390195.2	0.38	5.81E-01	1.00E+00	-0.05	9.52E-01	9.93E-01
AC098934.2	-1.65	1.50E-01	1.00E+00	-0.07	9.53E-01	9.93E-01
AC099687.1	0.65	6.88E-01	1.00E+00	0.06	9.53E-01	9.93E-01
AL360270.2	0.39	7.55E-01	1.00E+00	0.06	9.53E-01	9.93E-01
PCP4L1	-0.44	4.51E-01	1.00E+00	-0.03	9.53E-01	9.93E-01
GPRC5A	-0.22	6.94E-01	1.00E+00	0.03	9.53E-01	9.93E-01
AC105052.2	-0.85	5.57E-01	1.00E+00	-0.06	9.53E-01	9.93E-01
FBXL19	-0.55	1.35E-01	1.00E+00	0.19	9.53E-01	9.93E-01
AC009831.3	2.47	1.86E-01	1.00E+00	-0.06	9.53E-01	9.93E-01
NCOR1	-0.19	3.28E-01	1.00E+00	-0.01	9.53E-01	9.93E-01
SPTBN2	-0.34	4.52E-01	1.00E+00	0.04	9.53E-01	9.93E-01
CAVIN1	0.21	5.64E-01	1.00E+00	0.03	9.53E-01	9.93E-01
EFCAB13	-0.82	2.41E-01	1.00E+00	0.03	9.53E-01	9.93E-01
PRPH	0.35	6.77E-01	1.00E+00	-0.04	9.53E-01	9.93E-01
THSD7A	0.17	7.10E-01	1.00E+00	-0.03	9.53E-01	9.93E-01
KDM4A-AS1	0.20	8.78E-01	1.00E+00	-0.05	9.53E-01	9.93E-01
ZDHHC9	0.16	6.19E-01	1.00E+00	-0.01	9.53E-01	9.93E-01

RPL23AP78	NA	NA	NA	0.08	9.53E-01	9.93E-01
Z93930.3	-3.03	2.37E-02	9.15E-01	-0.05	9.53E-01	9.93E-01
ZNF551	0.36	1.54E-01	1.00E+00	0.02	9.53E-01	9.93E-01
LENG8-AS1	-0.57	2.97E-01	1.00E+00	-0.04	9.53E-01	9.93E-01
PLVAP	0.03	9.60E-01	1.00E+00	-0.03	9.53E-01	9.93E-01
POLR2J2	-0.31	8.00E-01	1.00E+00	-0.03	9.53E-01	9.93E-01
METTL14	-0.04	8.41E-01	1.00E+00	0.01	9.53E-01	9.93E-01
NOTUM	0.04	9.13E-01	1.00E+00	0.05	9.53E-01	9.93E-01
XRCC2	-0.70	8.85E-02	1.00E+00	0.05	9.54E-01	9.93E-01
TBX21	-0.70	5.34E-01	1.00E+00	0.18	9.54E-01	9.93E-01
ZNF417	0.11	7.82E-01	1.00E+00	0.02	9.54E-01	9.93E-01
KNSTRN	-0.18	4.11E-01	1.00E+00	0.02	9.54E-01	9.93E-01
LINC01836	0.31	6.35E-01	1.00E+00	-0.05	9.54E-01	9.93E-01
G4388	0.75	2.65E-01	1.00E+00	-0.05	9.54E-01	9.93E-01
HUNK	-0.30	3.70E-01	1.00E+00	-0.03	9.54E-01	9.93E-01
LOXL4	0.52	2.52E-01	1.00E+00	0.03	9.54E-01	9.93E-01
ZBTB22	-0.16	5.61E-01	1.00E+00	0.03	9.54E-01	9.93E-01
ANKK1	0.00	9.99E-01	1.00E+00	0.05	9.54E-01	9.93E-01
PSMD1	0.00	9.92E-01	1.00E+00	-0.01	9.54E-01	9.93E-01
AC008464.1	2.85	7.79E-02	1.00E+00	0.11	9.54E-01	9.93E-01
MRPL9	0.07	7.25E-01	1.00E+00	-0.01	9.54E-01	9.93E-01
ZNF263	-0.04	8.14E-01	1.00E+00	-0.03	9.54E-01	9.93E-01
AC244093.4	-1.44	5.34E-01	1.00E+00	-0.09	9.54E-01	9.93E-01
PRLR	0.41	1.02E-01	1.00E+00	0.03	9.54E-01	9.93E-01
SLC44A5	0.49	2.70E-01	1.00E+00	0.05	9.54E-01	9.93E-01
LNPEP	-0.02	9.19E-01	1.00E+00	0.02	9.54E-01	9.93E-01
METAP1D	-0.65	1.17E-01	1.00E+00	-0.01	9.54E-01	9.93E-01
TMEM145	-2.16	7.16E-03	5.13E-01	0.09	9.54E-01	9.93E-01
AC007773.1	-2.40	1.97E-01	1.00E+00	0.05	9.54E-01	9.93E-01
CNR1	0.10	8.34E-01	1.00E+00	-0.05	9.54E-01	9.93E-01
AP1S3	-0.56	2.30E-01	1.00E+00	-0.03	9.55E-01	9.93E-01
ALS2CL	-0.32	3.38E-01	1.00E+00	-0.02	9.55E-01	9.93E-01

PRRC1	-0.09	6.48E-01	1.00E+00	-0.02	9.55E-01	9.93E-01
GLDN	0.41	2.76E-01	1.00E+00	0.03	9.55E-01	9.93E-01
KCNE3	0.22	7.34E-01	1.00E+00	0.03	9.55E-01	9.93E-01
GIT2	-0.03	9.00E-01	1.00E+00	-0.01	9.55E-01	9.93E-01
G6796	-2.41	6.08E-02	1.00E+00	0.04	9.55E-01	9.93E-01
DUSP9	-0.04	9.51E-01	1.00E+00	-0.07	9.55E-01	9.93E-01
PRPS1P2	0.56	5.47E-01	1.00E+00	-0.04	9.55E-01	9.93E-01
IFRD1	0.45	8.11E-02	1.00E+00	-0.01	9.55E-01	9.93E-01
CDCA5	-0.21	5.17E-01	1.00E+00	0.03	9.55E-01	9.94E-01
RPS20P2	NA	NA	NA	-0.05	9.55E-01	9.94E-01
ARL2	-0.04	8.67E-01	1.00E+00	-0.02	9.55E-01	9.94E-01
CLU	0.61	2.08E-01	1.00E+00	0.02	9.56E-01	9.94E-01
TMCC2	-0.67	1.02E-02	6.27E-01	0.03	9.56E-01	9.94E-01
G5173	0.10	9.32E-01	1.00E+00	-0.10	9.56E-01	9.94E-01
TMSB10P1	0.56	8.71E-01	1.00E+00	0.04	9.56E-01	9.94E-01
RPL7P22	0.66	8.49E-01	1.00E+00	0.06	9.56E-01	9.94E-01
MAP2K2	-0.17	4.49E-01	1.00E+00	0.02	9.56E-01	9.94E-01
VAV3	0.06	8.61E-01	1.00E+00	-0.03	9.56E-01	9.94E-01
LRRC3B	-1.50	2.09E-01	1.00E+00	0.09	9.56E-01	9.94E-01
CNTD2	2.13	1.60E-01	1.00E+00	0.05	9.56E-01	9.94E-01
SFXN2	-0.60	9.86E-02	1.00E+00	0.02	9.56E-01	9.94E-01
AL139384.2	0.48	4.53E-01	1.00E+00	-0.07	9.56E-01	9.94E-01
MZF1	-0.37	2.57E-01	1.00E+00	-0.02	9.56E-01	9.94E-01
AL121821.1	-1.11	5.06E-01	1.00E+00	0.06	9.56E-01	9.94E-01
AL357078.1	0.68	5.94E-01	1.00E+00	-0.05	9.56E-01	9.94E-01
XLOC_008522	-0.88	2.79E-01	1.00E+00	0.06	9.56E-01	9.94E-01
KCNJ9	-5.36	1.51E-06	5.44E-04	0.08	9.56E-01	9.94E-01
SEMA3B-AS1	-1.74	2.03E-01	1.00E+00	-0.06	9.56E-01	9.94E-01
AL354733.2	-0.94	7.73E-01	1.00E+00	0.06	9.56E-01	9.94E-01
G3945	-0.70	4.40E-01	1.00E+00	-0.04	9.57E-01	9.94E-01
AL133338.2	-0.96	7.37E-01	1.00E+00	-0.03	9.57E-01	9.94E-01
AC025181.2	0.03	9.56E-01	1.00E+00	-0.03	9.57E-01	9.94E-01

TXNDC12	0.32	3.70E-01	1.00E+00	-0.03	9.57E-01	9.94E-01
LACTB	0.04	8.72E-01	1.00E+00	-0.03	9.57E-01	9.94E-01
FBXO4	0.09	7.02E-01	1.00E+00	-0.01	9.57E-01	9.94E-01
AC022613.1	-2.90	9.00E-02	1.00E+00	0.07	9.57E-01	9.94E-01
KDM3A	-0.10	7.49E-01	1.00E+00	-0.02	9.57E-01	9.94E-01
LRRC19	-1.38	5.57E-01	1.00E+00	-0.07	9.57E-01	9.94E-01
G10908	-2.02	2.13E-01	1.00E+00	0.05	9.57E-01	9.94E-01
MAP2K5	-0.12	6.66E-01	1.00E+00	0.01	9.57E-01	9.94E-01
PSMD9	-0.65	1.32E-01	1.00E+00	-0.02	9.57E-01	9.94E-01
CKAP2L	-0.27	5.34E-01	1.00E+00	0.03	9.57E-01	9.94E-01
ARFGEF2	0.42	1.51E-02	7.65E-01	0.02	9.57E-01	9.94E-01
ZNF155	0.12	7.51E-01	1.00E+00	0.02	9.57E-01	9.94E-01
PUM2	0.08	6.72E-01	1.00E+00	-0.02	9.57E-01	9.94E-01
LINC01411	-1.75	2.70E-01	1.00E+00	0.06	9.57E-01	9.94E-01
UBE2D3P1	-0.22	9.49E-01	1.00E+00	-0.03	9.57E-01	9.94E-01
POLR2J4	-0.65	8.00E-02	1.00E+00	-0.02	9.57E-01	9.94E-01
IGFL1P1	-0.10	9.23E-01	1.00E+00	-0.05	9.57E-01	9.94E-01
ZNF384	-0.28	9.47E-02	1.00E+00	-0.03	9.57E-01	9.94E-01
STK32A	0.58	4.58E-01	1.00E+00	0.03	9.58E-01	9.94E-01
DDX12P	-0.97	6.99E-02	1.00E+00	0.05	9.58E-01	9.94E-01
SCUBE3	-0.69	3.36E-01	1.00E+00	-0.04	9.58E-01	9.94E-01
FALEC	0.42	5.65E-01	1.00E+00	-0.04	9.58E-01	9.94E-01
CLASP1	-0.10	6.09E-01	1.00E+00	-0.02	9.58E-01	9.94E-01
AC005962.1	-0.29	8.43E-01	1.00E+00	0.06	9.58E-01	9.94E-01
SLC16A13	0.09	8.24E-01	1.00E+00	0.03	9.58E-01	9.94E-01
TSPAN33	-0.02	9.38E-01	1.00E+00	-0.04	9.58E-01	9.94E-01
LINC01960	1.08	1.16E-01	1.00E+00	0.05	9.58E-01	9.94E-01
TBX5-AS1	1.62	4.23E-02	1.00E+00	0.15	9.58E-01	9.94E-01
SLC19A2	0.13	7.83E-01	1.00E+00	0.02	9.58E-01	9.94E-01
PPM1G	-0.39	8.49E-02	1.00E+00	-0.01	9.58E-01	9.94E-01
NKX1-2	-0.27	6.50E-01	1.00E+00	-0.06	9.58E-01	9.94E-01
MRI1	-0.65	1.00E-01	1.00E+00	0.02	9.58E-01	9.94E-01

AC036108.3	-0.73	4.90E-01	1.00E+00	0.07	9.58E-01	9.94E-01
RPL35A	-0.04	8.93E-01	1.00E+00	0.01	9.58E-01	9.94E-01
METTL7B	3.85	1.02E-01	1.00E+00	0.05	9.58E-01	9.94E-01
AC104695.2	-1.66	1.56E-01	1.00E+00	0.04	9.58E-01	9.94E-01
ARHGAP27P1-BPTFP1-KPNA2P3	-1.24	6.54E-01	1.00E+00	-0.04	9.58E-01	9.94E-01
NHLH1	-0.59	6.28E-01	1.00E+00	-0.05	9.58E-01	9.94E-01
BEND5	0.20	6.63E-01	1.00E+00	0.02	9.58E-01	9.94E-01
AK5	-1.17	2.89E-02	9.88E-01	-0.03	9.58E-01	9.94E-01
SNAP29	0.00	9.96E-01	1.00E+00	-0.01	9.58E-01	9.94E-01
AL365356.3	-2.79	2.32E-03	2.43E-01	-0.05	9.59E-01	9.94E-01
FHIT	0.37	3.26E-01	1.00E+00	0.02	9.59E-01	9.94E-01
ANKLE2	-0.11	6.03E-01	1.00E+00	-0.02	9.59E-01	9.94E-01
AC093014.1	0.73	8.33E-01	1.00E+00	0.04	9.59E-01	9.94E-01
KRT1	-0.08	8.53E-01	1.00E+00	-0.04	9.59E-01	9.94E-01
POLR1D	0.02	9.20E-01	1.00E+00	-0.01	9.59E-01	9.94E-01
AC108860.2	-0.89	2.82E-01	1.00E+00	-0.04	9.59E-01	9.94E-01
G18696	1.71	2.40E-01	1.00E+00	-0.06	9.59E-01	9.94E-01
SP5	0.79	1.39E-01	1.00E+00	-0.04	9.59E-01	9.94E-01
ALDH18A1	-0.05	7.81E-01	1.00E+00	0.01	9.59E-01	9.94E-01
ATP8B5P	1.55	5.43E-01	1.00E+00	-0.04	9.59E-01	9.94E-01
SSBP3-AS1	0.08	9.37E-01	1.00E+00	0.04	9.59E-01	9.94E-01
DCAF12L2	0.51	4.26E-01	1.00E+00	0.06	9.59E-01	9.94E-01
SAP130	-0.38	1.53E-01	1.00E+00	-0.02	9.59E-01	9.94E-01
ARHGAP10	0.26	1.27E-01	1.00E+00	0.01	9.59E-01	9.94E-01
P2RY14	-0.11	7.87E-01	1.00E+00	-0.02	9.59E-01	9.94E-01
KCTD6	-0.01	9.84E-01	1.00E+00	-0.02	9.59E-01	9.94E-01
IQC�	-0.95	5.06E-02	1.00E+00	-0.04	9.59E-01	9.94E-01
MCRIP2	0.13	7.97E-01	1.00E+00	0.03	9.59E-01	9.94E-01
GAS5-AS1	-0.13	8.83E-01	1.00E+00	-0.03	9.59E-01	9.94E-01
RAB25	-0.06	8.75E-01	1.00E+00	0.03	9.59E-01	9.94E-01
AC098851.1	-0.36	8.99E-01	1.00E+00	-0.06	9.60E-01	9.94E-01
SERPINB12	0.06	9.35E-01	1.00E+00	0.03	9.60E-01	9.94E-01

AC096921.2	-0.17	7.98E-01	1.00E+00	0.05	9.60E-01	9.94E-01
G26459	-1.47	1.62E-01	1.00E+00	0.04	9.60E-01	9.94E-01
ZNF484	-0.19	6.11E-01	1.00E+00	0.02	9.60E-01	9.94E-01
UBE2T	-0.07	8.42E-01	1.00E+00	0.02	9.60E-01	9.94E-01
XLOC_001188	-1.03	2.41E-01	1.00E+00	-0.03	9.60E-01	9.94E-01
BHLHE40	-0.80	3.55E-02	1.00E+00	-0.02	9.60E-01	9.94E-01
INTS9	-0.06	7.49E-01	1.00E+00	-0.01	9.60E-01	9.94E-01
AC104260.3	-0.77	7.77E-01	1.00E+00	-0.07	9.60E-01	9.94E-01
AL021408.1	1.36	1.97E-01	1.00E+00	-0.15	9.60E-01	9.94E-01
NUP37	0.18	4.46E-01	1.00E+00	0.01	9.60E-01	9.94E-01
RASSF7	-0.37	3.66E-01	1.00E+00	-0.02	9.60E-01	9.94E-01
LRRC17	0.65	1.57E-01	1.00E+00	0.02	9.60E-01	9.94E-01
ZNF493	-0.11	8.11E-01	1.00E+00	0.02	9.60E-01	9.94E-01
LMBRD2	-0.02	9.51E-01	1.00E+00	-0.01	9.60E-01	9.94E-01
ANKZF1	0.29	3.95E-01	1.00E+00	0.02	9.60E-01	9.94E-01
MGMT	0.01	9.77E-01	1.00E+00	0.01	9.60E-01	9.94E-01
ARHGAP44	-0.16	7.14E-01	1.00E+00	-0.03	9.61E-01	9.94E-01
XLOC_001446	-0.23	6.60E-01	1.00E+00	-0.04	9.61E-01	9.94E-01
AL359918.1	-0.58	8.67E-01	1.00E+00	-0.03	9.61E-01	9.94E-01
FAM86C2P	-0.63	3.03E-02	1.00E+00	-0.02	9.61E-01	9.94E-01
AC009495.3	1.74	5.51E-01	1.00E+00	-0.06	9.61E-01	9.94E-01
VAMP1	-0.48	3.54E-01	1.00E+00	0.03	9.61E-01	9.94E-01
LINC00861	3.38	1.31E-01	1.00E+00	-0.05	9.61E-01	9.94E-01
HDHD2	-0.85	2.90E-01	1.00E+00	-0.03	9.61E-01	9.94E-01
AC090409.2	0.90	7.96E-01	1.00E+00	-0.12	9.61E-01	9.94E-01
PEF1	0.05	7.82E-01	1.00E+00	0.01	9.61E-01	9.94E-01
AC005332.4	-0.49	9.47E-02	1.00E+00	-0.04	9.61E-01	9.94E-01
FERMT2	0.60	3.00E-01	1.00E+00	-0.02	9.61E-01	9.94E-01
DEPTOR	0.20	5.48E-01	1.00E+00	0.02	9.61E-01	9.94E-01
DIRAS3	-0.21	6.69E-01	1.00E+00	0.04	9.61E-01	9.94E-01
SCNN1A	-0.19	3.69E-01	1.00E+00	-0.02	9.61E-01	9.94E-01
AGAP2-AS1	-1.15	5.17E-01	1.00E+00	0.04	9.61E-01	9.94E-01

AC099560.2	0.02	9.68E-01	1.00E+00	-0.03	9.61E-01	9.94E-01
PDZD8	-0.22	1.90E-01	1.00E+00	-0.02	9.61E-01	9.94E-01
FAM57A	0.26	4.49E-01	1.00E+00	0.02	9.61E-01	9.94E-01
AC111188.1	2.03	1.90E-01	1.00E+00	0.07	9.61E-01	9.94E-01
FCHSD2	-0.06	8.17E-01	1.00E+00	-0.02	9.61E-01	9.94E-01
PCYT1A	0.18	3.70E-01	1.00E+00	0.01	9.61E-01	9.94E-01
WDR76	-0.13	5.50E-01	1.00E+00	0.01	9.61E-01	9.94E-01
AC018816.1	-0.02	9.89E-01	1.00E+00	-0.02	9.61E-01	9.94E-01
PNMA6A	-1.04	2.21E-01	1.00E+00	-0.06	9.61E-01	9.94E-01
RFX3	-0.10	7.42E-01	1.00E+00	0.02	9.62E-01	9.95E-01
GDAP1	-0.32	3.24E-01	1.00E+00	-0.02	9.62E-01	9.95E-01
TMEM150C	0.30	4.81E-01	1.00E+00	-0.02	9.62E-01	9.95E-01
FOXM1	-0.65	1.53E-01	1.00E+00	0.03	9.62E-01	9.95E-01
NUP160	0.23	3.07E-01	1.00E+00	0.01	9.62E-01	9.95E-01
WNT11	0.25	4.77E-01	1.00E+00	-0.12	9.62E-01	9.95E-01
GRK4	-0.01	9.74E-01	1.00E+00	-0.03	9.62E-01	9.95E-01
TCHP	0.05	8.85E-01	1.00E+00	-0.02	9.62E-01	9.95E-01
ZNF582-AS1	0.23	8.28E-01	1.00E+00	0.03	9.62E-01	9.95E-01
DAPL1	0.05	9.15E-01	1.00E+00	-0.03	9.62E-01	9.95E-01
AL590326.1	0.33	6.85E-01	1.00E+00	0.06	9.62E-01	9.95E-01
PCDHB18P	-0.56	2.37E-01	1.00E+00	-0.04	9.63E-01	9.95E-01
NDUFB7	-0.04	8.44E-01	1.00E+00	0.01	9.63E-01	9.95E-01
AC093525.7	1.49	3.36E-01	1.00E+00	0.08	9.63E-01	9.95E-01
XLOC_005252	-0.35	7.65E-01	1.00E+00	0.04	9.63E-01	9.95E-01
CERS1	-0.84	4.31E-01	1.00E+00	0.07	9.63E-01	9.95E-01
TUBGCP6	-0.48	2.24E-02	9.00E-01	-0.03	9.63E-01	9.95E-01
FAM102A	-0.20	4.41E-01	1.00E+00	0.02	9.63E-01	9.95E-01
LEMD2	0.05	8.02E-01	1.00E+00	0.03	9.63E-01	9.95E-01
RBPJ	0.46	6.25E-02	1.00E+00	-0.01	9.63E-01	9.95E-01
AL078621.1	0.84	6.80E-01	1.00E+00	-0.03	9.63E-01	9.95E-01
CCDC96	-0.03	9.11E-01	1.00E+00	0.03	9.63E-01	9.95E-01
BARX1	-3.01	4.01E-02	1.00E+00	-0.08	9.63E-01	9.95E-01

AC012213.3	-1.20	7.25E-01	1.00E+00	0.13	9.63E-01	9.95E-01
WFDC5	0.36	4.23E-01	1.00E+00	0.03	9.63E-01	9.95E-01
LARP7	0.05	8.53E-01	1.00E+00	0.01	9.63E-01	9.95E-01
CARD10	0.22	5.90E-01	1.00E+00	0.02	9.63E-01	9.95E-01
NUP153	-0.20	3.69E-01	1.00E+00	0.02	9.64E-01	9.95E-01
AP5S1	0.12	7.40E-01	1.00E+00	-0.01	9.64E-01	9.95E-01
KEAP1	-0.04	8.24E-01	1.00E+00	0.01	9.64E-01	9.95E-01
DIRAS1	-0.72	1.55E-01	1.00E+00	-0.03	9.64E-01	9.95E-01
XLOC_009067	-0.53	5.30E-01	1.00E+00	-0.05	9.64E-01	9.95E-01
CASC15	-0.36	5.30E-01	1.00E+00	0.02	9.64E-01	9.95E-01
OXTR	-2.30	1.44E-02	7.56E-01	-0.05	9.64E-01	9.95E-01
CPSF4	0.30	1.98E-01	1.00E+00	-0.02	9.64E-01	9.95E-01
AL589880.1	-0.17	8.70E-01	1.00E+00	0.03	9.64E-01	9.95E-01
TRAPPC12-AS1	-0.58	4.75E-01	1.00E+00	-0.04	9.64E-01	9.95E-01
ZBTB7A	-0.24	4.18E-01	1.00E+00	0.03	9.64E-01	9.95E-01
C8orf59	-1.07	9.85E-02	1.00E+00	0.02	9.64E-01	9.95E-01
AL670729.1	-2.05	1.29E-01	1.00E+00	-0.03	9.64E-01	9.95E-01
AC108477.1	-1.35	7.47E-02	1.00E+00	0.05	9.64E-01	9.95E-01
OFD1	0.01	9.75E-01	1.00E+00	0.01	9.64E-01	9.95E-01
PMP22	0.41	2.40E-01	1.00E+00	0.01	9.64E-01	9.95E-01
AC016924.1	2.54	7.42E-02	1.00E+00	-0.05	9.64E-01	9.95E-01
AC005838.2	0.48	5.64E-01	1.00E+00	0.04	9.64E-01	9.95E-01
GRM4	-0.84	4.05E-01	1.00E+00	0.06	9.64E-01	9.95E-01
RPS10P3	-0.86	2.85E-01	1.00E+00	0.03	9.64E-01	9.95E-01
G35821	0.09	8.80E-01	1.00E+00	-0.03	9.64E-01	9.95E-01
HPX	-0.55	7.07E-01	1.00E+00	-0.07	9.64E-01	9.95E-01
ITGB7	-0.23	6.41E-01	1.00E+00	-0.13	9.64E-01	9.95E-01
WNT5B	-0.33	3.49E-01	1.00E+00	0.02	9.64E-01	9.95E-01
SAMD13	-0.47	5.41E-01	1.00E+00	-0.04	9.64E-01	9.95E-01
MAP1LC3B2	-0.44	6.52E-01	1.00E+00	0.02	9.64E-01	9.95E-01
AC010654.1	-0.56	5.98E-01	1.00E+00	0.03	9.65E-01	9.95E-01
XLOC_010730	5.36	9.35E-02	1.00E+00	-0.05	9.65E-01	9.96E-01

REPIN1	-0.11	6.78E-01	1.00E+00	-0.03	9.65E-01	9.96E-01
UBAP2	-0.27	3.02E-01	1.00E+00	0.01	9.65E-01	9.96E-01
AC019080.1	0.43	3.16E-01	1.00E+00	0.02	9.65E-01	9.96E-01
C2CD2L	-0.26	4.08E-01	1.00E+00	0.02	9.65E-01	9.96E-01
ALG12	-0.10	6.78E-01	1.00E+00	0.01	9.65E-01	9.96E-01
FOXO3B	-0.42	2.57E-01	1.00E+00	-0.04	9.65E-01	9.96E-01
AL033543.1	0.14	9.15E-01	1.00E+00	-0.03	9.65E-01	9.96E-01
DDAH2	0.38	2.57E-01	1.00E+00	0.01	9.65E-01	9.96E-01
CHRNE	-0.34	6.94E-01	1.00E+00	0.02	9.65E-01	9.96E-01
G26207	-2.58	1.13E-01	1.00E+00	0.05	9.65E-01	9.96E-01
DHRS7	-0.03	9.00E-01	1.00E+00	-0.01	9.65E-01	9.96E-01
DPY19L1	0.20	5.40E-01	1.00E+00	0.02	9.65E-01	9.96E-01
SURF4	0.25	2.17E-01	1.00E+00	0.01	9.65E-01	9.96E-01
AL132657.1	-0.53	6.86E-01	1.00E+00	0.04	9.65E-01	9.96E-01
CBLL1	-0.12	5.02E-01	1.00E+00	0.01	9.66E-01	9.96E-01
TMEM184C	0.29	6.39E-02	1.00E+00	-0.01	9.66E-01	9.96E-01
TMEM63C	0.05	9.41E-01	1.00E+00	-0.13	9.66E-01	9.96E-01
TSC2	-0.25	3.76E-01	1.00E+00	0.02	9.66E-01	9.96E-01
RPL4P4	-0.15	7.47E-01	1.00E+00	0.03	9.66E-01	9.96E-01
LRRC75A	-0.70	2.26E-01	1.00E+00	0.04	9.66E-01	9.96E-01
INPP5F	-0.01	9.74E-01	1.00E+00	-0.01	9.66E-01	9.96E-01
BMP3	1.01	8.13E-02	1.00E+00	-0.10	9.66E-01	9.96E-01
IL19	-1.28	7.10E-01	1.00E+00	-0.14	9.66E-01	9.96E-01
NXPH3	0.32	5.10E-01	1.00E+00	0.03	9.66E-01	9.96E-01
G10060	-0.21	8.08E-01	1.00E+00	-0.04	9.66E-01	9.96E-01
SPINT2	0.04	8.87E-01	1.00E+00	0.02	9.66E-01	9.96E-01
SNAI3-AS1	-0.11	8.60E-01	1.00E+00	-0.03	9.66E-01	9.96E-01
SNTB1	0.11	7.16E-01	1.00E+00	-0.02	9.66E-01	9.96E-01
AC131254.1	-1.97	5.67E-01	1.00E+00	0.13	9.66E-01	9.96E-01
TBX4	0.64	5.45E-01	1.00E+00	-0.13	9.66E-01	9.96E-01
CCT2	0.05	8.21E-01	1.00E+00	0.01	9.66E-01	9.96E-01
ENOX1	-0.17	7.25E-01	1.00E+00	0.03	9.66E-01	9.96E-01

TMEM125	-0.02	9.63E-01	1.00E+00	-0.02	9.66E-01	9.96E-01
SLC52A2	-0.08	7.66E-01	1.00E+00	-0.02	9.66E-01	9.96E-01
SYT12	-0.81	1.73E-01	1.00E+00	0.04	9.66E-01	9.96E-01
ZCWPW1	-0.12	6.62E-01	1.00E+00	0.01	9.66E-01	9.96E-01
TUBG1	-0.11	5.98E-01	1.00E+00	-0.01	9.66E-01	9.96E-01
RBM12B	-0.04	9.06E-01	1.00E+00	0.02	9.66E-01	9.96E-01
OSBPL10	0.08	7.17E-01	1.00E+00	0.02	9.67E-01	9.96E-01
TIGD2	0.09	7.74E-01	1.00E+00	-0.01	9.67E-01	9.96E-01
AC002116.2	-1.64	4.54E-01	1.00E+00	-0.03	9.67E-01	9.96E-01
FNDC5	0.40	6.30E-01	1.00E+00	0.03	9.67E-01	9.96E-01
FAM192A	-0.05	7.73E-01	1.00E+00	-0.01	9.67E-01	9.96E-01
CRELD2	-0.25	3.06E-01	1.00E+00	0.01	9.67E-01	9.96E-01
PPARGC1B	-0.04	8.98E-01	1.00E+00	0.02	9.67E-01	9.96E-01
RPS15AP1	0.09	9.44E-01	1.00E+00	0.03	9.67E-01	9.96E-01
MT1DP	-2.88	2.60E-01	1.00E+00	0.05	9.67E-01	9.96E-01
RPL7P44	NA	NA	NA	-0.04	9.67E-01	9.96E-01
G32188	-0.05	9.36E-01	1.00E+00	0.05	9.67E-01	9.96E-01
LINC02362	0.38	9.11E-01	1.00E+00	-0.07	9.67E-01	9.96E-01
ERBB2	-0.04	8.80E-01	1.00E+00	-0.02	9.67E-01	9.96E-01
KDM4C	-0.08	7.78E-01	1.00E+00	-0.01	9.67E-01	9.96E-01
AC138035.1	-4.08	8.32E-02	1.00E+00	-0.05	9.67E-01	9.96E-01
AC018462.1	0.59	5.31E-01	1.00E+00	-0.04	9.67E-01	9.96E-01
E2F4	-0.26	3.25E-01	1.00E+00	0.02	9.67E-01	9.96E-01
SYT5	-1.09	3.75E-01	1.00E+00	-0.06	9.68E-01	9.96E-01
RPL39	-0.13	6.67E-01	1.00E+00	-0.01	9.68E-01	9.96E-01
THOC3	-0.06	7.95E-01	1.00E+00	0.01	9.68E-01	9.96E-01
ADCY5	0.58	4.44E-01	1.00E+00	-0.03	9.68E-01	9.96E-01
RBMS3	0.53	2.98E-01	1.00E+00	0.02	9.68E-01	9.96E-01
ZNF415	0.32	5.58E-01	1.00E+00	-0.02	9.68E-01	9.96E-01
PSMB7	-0.14	4.50E-01	1.00E+00	-0.01	9.68E-01	9.96E-01
CCDC140	-1.03	2.56E-01	1.00E+00	0.05	9.68E-01	9.96E-01
CC2D2A	0.29	4.40E-01	1.00E+00	-0.02	9.68E-01	9.96E-01

WLS	0.10	6.34E-01	1.00E+00	-0.01	9.68E-01	9.96E-01
PRTG	-0.26	7.01E-01	1.00E+00	-0.03	9.68E-01	9.96E-01
AC004980.2	-0.21	8.55E-01	1.00E+00	-0.05	9.68E-01	9.96E-01
FAM91A1	0.41	1.00E-01	1.00E+00	0.01	9.68E-01	9.96E-01
MYCT1	0.50	4.01E-01	1.00E+00	-0.02	9.68E-01	9.96E-01
TMEM259	-0.04	8.32E-01	1.00E+00	-0.03	9.68E-01	9.96E-01
RFTN2	0.38	4.36E-01	1.00E+00	-0.02	9.68E-01	9.96E-01
RPS6P25	0.58	8.66E-01	1.00E+00	0.04	9.68E-01	9.96E-01
DYDC2	-2.81	3.53E-02	1.00E+00	-0.05	9.68E-01	9.96E-01
IDH3G	-0.27	1.97E-01	1.00E+00	0.01	9.68E-01	9.96E-01
ERI1	0.30	3.43E-01	1.00E+00	-0.01	9.68E-01	9.96E-01
AL591848.3	-1.02	6.06E-01	1.00E+00	-0.06	9.69E-01	9.96E-01
TRPC4AP	0.30	2.35E-01	1.00E+00	0.01	9.69E-01	9.96E-01
GPR87	0.39	2.94E-01	1.00E+00	0.03	9.69E-01	9.96E-01
MEOX2	0.47	3.58E-01	1.00E+00	-0.02	9.69E-01	9.96E-01
SLC6A4	1.74	2.34E-02	9.15E-01	0.03	9.69E-01	9.96E-01
HEMK1	-0.38	7.45E-02	1.00E+00	0.01	9.69E-01	9.96E-01
AL451042.1	-0.26	8.18E-01	1.00E+00	0.03	9.69E-01	9.96E-01
SPG7	0.08	6.80E-01	1.00E+00	-0.02	9.69E-01	9.96E-01
A2MP1	-0.39	8.59E-01	1.00E+00	0.05	9.69E-01	9.96E-01
C1orf35	-0.03	8.96E-01	1.00E+00	0.01	9.69E-01	9.96E-01
ATP10B	-0.26	6.54E-01	1.00E+00	0.03	9.69E-01	9.96E-01
HSPB6	1.63	6.19E-02	1.00E+00	-0.03	9.69E-01	9.96E-01
SALL2	0.08	8.38E-01	1.00E+00	0.03	9.69E-01	9.96E-01
AC072022.2	0.30	8.09E-01	1.00E+00	0.03	9.69E-01	9.96E-01
RPL23P8	-0.68	8.44E-01	1.00E+00	0.03	9.69E-01	9.96E-01
GABARAPL1	0.28	4.88E-01	1.00E+00	0.01	9.69E-01	9.96E-01
KIF3A	-0.36	1.61E-01	1.00E+00	-0.01	9.69E-01	9.96E-01
ZNF48	-0.32	1.66E-01	1.00E+00	0.02	9.69E-01	9.96E-01
TBX5	1.15	1.76E-01	1.00E+00	-0.12	9.69E-01	9.96E-01
G18244	0.07	8.81E-01	1.00E+00	0.02	9.69E-01	9.96E-01
WDFY3-AS2	0.66	6.38E-02	1.00E+00	0.02	9.69E-01	9.96E-01

RC3H2	0.05	7.99E-01	1.00E+00	0.01	9.69E-01	9.96E-01
MTMR10	0.09	6.83E-01	1.00E+00	-0.01	9.69E-01	9.96E-01
MTND5P11	-0.23	9.47E-01	1.00E+00	-0.02	9.70E-01	9.96E-01
DOP1A	0.02	9.41E-01	1.00E+00	0.01	9.70E-01	9.96E-01
LINC00431	-3.68	3.90E-02	1.00E+00	-0.05	9.70E-01	9.96E-01
LINC00997	0.07	9.08E-01	1.00E+00	-0.03	9.70E-01	9.96E-01
CDKN2AIP	0.25	2.70E-01	1.00E+00	-0.01	9.70E-01	9.96E-01
GRIN1	-1.35	4.38E-02	1.00E+00	-0.03	9.70E-01	9.96E-01
CASC8	-1.01	4.21E-01	1.00E+00	-0.03	9.70E-01	9.96E-01
TMEM50A	0.16	3.63E-01	1.00E+00	0.01	9.70E-01	9.96E-01
KIF11	-0.06	8.69E-01	1.00E+00	0.02	9.70E-01	9.96E-01
PSMA6P1	0.60	6.34E-01	1.00E+00	-0.02	9.70E-01	9.96E-01
BCL10	-0.06	7.43E-01	1.00E+00	-0.01	9.70E-01	9.96E-01
AVPR1A	0.22	6.72E-01	1.00E+00	-0.03	9.70E-01	9.96E-01
SPRTN	-0.09	7.46E-01	1.00E+00	0.01	9.70E-01	9.96E-01
GPRIN1	-1.45	2.36E-02	9.15E-01	-0.12	9.70E-01	9.96E-01
YBX1P1	-0.39	3.45E-01	1.00E+00	-0.02	9.70E-01	9.96E-01
EMC8	0.02	9.09E-01	1.00E+00	0.01	9.70E-01	9.96E-01
KBTBD11	0.05	9.15E-01	1.00E+00	0.08	9.70E-01	9.96E-01
ZFP69	-0.25	4.68E-01	1.00E+00	0.02	9.70E-01	9.96E-01
STEAP3-AS1	-2.05	5.52E-01	1.00E+00	-0.05	9.70E-01	9.96E-01
DENND6A-DT	-2.12	5.36E-01	1.00E+00	0.12	9.70E-01	9.96E-01
RP6-206I17.2	3.55	9.07E-02	1.00E+00	-0.03	9.70E-01	9.96E-01
WDHD1	-0.17	6.00E-01	1.00E+00	0.01	9.71E-01	9.96E-01
GRM3	-1.70	2.63E-01	1.00E+00	-0.03	9.71E-01	9.96E-01
LINC02449	-0.98	5.42E-01	1.00E+00	-0.04	9.71E-01	9.96E-01
TMEM225B	-2.81	1.02E-01	1.00E+00	-0.02	9.71E-01	9.96E-01
EZH2	-0.20	5.83E-01	1.00E+00	-0.02	9.71E-01	9.96E-01
LGALS8	-0.03	9.12E-01	1.00E+00	0.01	9.71E-01	9.96E-01
ABHD12	-0.02	9.31E-01	1.00E+00	0.01	9.71E-01	9.96E-01
AC135050.6	-0.05	8.94E-01	1.00E+00	-0.02	9.71E-01	9.96E-01
PKP2	0.18	6.76E-01	1.00E+00	-0.02	9.71E-01	9.96E-01

VCL	-0.18	4.42E-01	1.00E+00	0.01	9.71E-01	9.96E-01
ERMARD	0.12	7.26E-01	1.00E+00	-0.01	9.71E-01	9.96E-01
ATP10D	0.00	9.92E-01	1.00E+00	-0.01	9.71E-01	9.96E-01
SPATA6	0.16	5.43E-01	1.00E+00	-0.01	9.71E-01	9.96E-01
RBM33	-0.18	5.36E-01	1.00E+00	-0.01	9.71E-01	9.96E-01
CCDC69	0.75	1.70E-01	1.00E+00	-0.03	9.71E-01	9.96E-01
TTYH1	-0.08	9.03E-01	1.00E+00	-0.02	9.71E-01	9.96E-01
RPS4XP8	NA	NA	NA	0.11	9.71E-01	9.96E-01
MSANTD4	0.24	5.09E-01	1.00E+00	-0.01	9.71E-01	9.96E-01
ZDBF2	0.08	8.11E-01	1.00E+00	-0.02	9.71E-01	9.97E-01
USP9Y	0.25	6.81E-01	1.00E+00	0.03	9.71E-01	9.97E-01
CHAF1B	-0.27	2.19E-01	1.00E+00	0.01	9.71E-01	9.97E-01
L2HGDH	0.03	9.40E-01	1.00E+00	-0.01	9.71E-01	9.97E-01
GEMIN6	0.15	5.78E-01	1.00E+00	0.01	9.71E-01	9.97E-01
AC020915.3	0.34	5.94E-01	1.00E+00	0.02	9.71E-01	9.97E-01
EXOC8	-0.28	2.60E-01	1.00E+00	-0.01	9.72E-01	9.97E-01
SRL	0.10	8.80E-01	1.00E+00	-0.03	9.72E-01	9.97E-01
BX649597.1	-2.02	2.46E-01	1.00E+00	-0.04	9.72E-01	9.97E-01
AL672207.1	-0.49	7.07E-01	1.00E+00	-0.02	9.72E-01	9.97E-01
AC107464.3	1.47	3.10E-01	1.00E+00	0.04	9.72E-01	9.97E-01
CYSLTR1	0.59	3.51E-01	1.00E+00	0.01	9.72E-01	9.97E-01
ITGBL1	0.56	2.78E-01	1.00E+00	-0.02	9.72E-01	9.97E-01
AC007950.2	-0.07	9.85E-01	1.00E+00	-0.05	9.72E-01	9.97E-01
CYTH3	0.09	7.12E-01	1.00E+00	0.02	9.72E-01	9.97E-01
CBARP	-0.08	8.80E-01	1.00E+00	-0.11	9.72E-01	9.97E-01
HMBS	-0.30	2.16E-01	1.00E+00	0.01	9.72E-01	9.97E-01
ITPKA	-1.68	1.45E-02	7.58E-01	0.04	9.72E-01	9.97E-01
GSTA8P	1.53	2.07E-01	1.00E+00	-0.04	9.72E-01	9.97E-01
TCAF1P1	-0.03	9.30E-01	1.00E+00	-0.02	9.72E-01	9.97E-01
CDC42BPG	-0.25	4.85E-01	1.00E+00	0.03	9.72E-01	9.97E-01
SNRPD1	-0.07	7.19E-01	1.00E+00	-0.01	9.72E-01	9.97E-01
INSL3	-2.52	2.76E-01	1.00E+00	0.05	9.72E-01	9.97E-01

MAP10	0.86	4.68E-03	3.94E-01	-0.02	9.72E-01	9.97E-01
AC007240.2	-1.36	5.91E-01	1.00E+00	-0.04	9.72E-01	9.97E-01
CPNE4	-1.81	4.23E-03	3.66E-01	-0.05	9.73E-01	9.97E-01
EXOC7	-0.15	5.26E-01	1.00E+00	-0.01	9.73E-01	9.97E-01
HMGCS1	-0.49	2.96E-01	1.00E+00	-0.02	9.73E-01	9.97E-01
AC026401.3	-0.30	3.45E-01	1.00E+00	-0.02	9.73E-01	9.97E-01
MTF2	0.08	7.31E-01	1.00E+00	-0.01	9.73E-01	9.97E-01
ATP8B1	0.17	3.83E-01	1.00E+00	-0.01	9.73E-01	9.97E-01
AL590235.1	1.20	4.18E-01	1.00E+00	-0.03	9.73E-01	9.97E-01
SLC2A4RG	-0.15	4.48E-01	1.00E+00	-0.02	9.73E-01	9.97E-01
AC124947.1	1.03	4.15E-01	1.00E+00	0.03	9.73E-01	9.97E-01
PALM2	0.43	6.41E-01	1.00E+00	0.03	9.73E-01	9.97E-01
TPBGL	-3.64	2.71E-04	6.07E-02	-0.04	9.73E-01	9.97E-01
HID1	0.07	9.00E-01	1.00E+00	-0.01	9.73E-01	9.97E-01
AC004540.2	-3.19	3.12E-02	1.00E+00	-0.03	9.73E-01	9.97E-01
LURAP1L	-0.11	6.92E-01	1.00E+00	-0.01	9.73E-01	9.97E-01
AC087045.2	-0.54	8.29E-01	1.00E+00	-0.04	9.73E-01	9.97E-01
SMG1P7	0.71	5.17E-01	1.00E+00	0.04	9.73E-01	9.97E-01
LBHD2	2.70	1.28E-01	1.00E+00	-0.04	9.73E-01	9.97E-01
LINC01300	-0.05	9.54E-01	1.00E+00	-0.03	9.73E-01	9.97E-01
SRSF5	-0.51	2.15E-01	1.00E+00	0.01	9.73E-01	9.97E-01
AMIGO1	0.40	3.43E-01	1.00E+00	0.02	9.73E-01	9.97E-01
FAM71E1	-0.34	5.79E-01	1.00E+00	0.02	9.73E-01	9.97E-01
C1orf61	-6.38	5.98E-02	1.00E+00	-0.04	9.73E-01	9.97E-01
LRFN1	-0.83	3.12E-02	1.00E+00	-0.03	9.73E-01	9.97E-01
FAM50B	0.10	6.74E-01	1.00E+00	0.01	9.73E-01	9.97E-01
GCGR	-0.52	5.72E-01	1.00E+00	0.04	9.73E-01	9.97E-01
NOS3	-0.15	6.88E-01	1.00E+00	0.03	9.73E-01	9.97E-01
ZNF107	-0.05	8.97E-01	1.00E+00	0.01	9.74E-01	9.97E-01
CENPI	0.72	2.41E-01	1.00E+00	0.03	9.74E-01	9.97E-01
G19311	-2.84	3.76E-01	1.00E+00	-0.04	9.74E-01	9.97E-01
HOXA1	-0.35	2.94E-01	1.00E+00	-0.02	9.74E-01	9.97E-01

ETV6	-0.22	3.05E-01	1.00E+00	0.01	9.74E-01	9.97E-01
AC006329.1	0.19	7.43E-01	1.00E+00	-0.02	9.74E-01	9.97E-01
GAL3ST1	-0.74	2.62E-01	1.00E+00	-0.03	9.74E-01	9.97E-01
AL049552.1	1.41	3.80E-01	1.00E+00	-0.10	9.74E-01	9.97E-01
RAB23	-0.01	9.82E-01	1.00E+00	0.01	9.74E-01	9.97E-01
EXOSC4	0.06	8.01E-01	1.00E+00	-0.01	9.74E-01	9.97E-01
TNXB	0.38	4.03E-01	1.00E+00	0.03	9.74E-01	9.97E-01
APBB1	-0.11	7.50E-01	1.00E+00	0.01	9.74E-01	9.97E-01
AC106886.5	0.20	7.39E-01	1.00E+00	0.02	9.74E-01	9.97E-01
AC010422.1	0.31	7.89E-01	1.00E+00	-0.03	9.74E-01	9.97E-01
KRTAP2-3	-6.16	7.65E-02	1.00E+00	-0.10	9.74E-01	9.97E-01
LINC02159	-5.67	2.80E-03	2.73E-01	0.10	9.74E-01	9.97E-01
G41275	-0.30	6.18E-01	1.00E+00	0.02	9.74E-01	9.97E-01
ELAVL2	-2.07	1.50E-02	7.62E-01	0.04	9.74E-01	9.97E-01
LHX2	-1.16	4.62E-01	1.00E+00	-0.10	9.74E-01	9.97E-01
AC027279.1	-0.81	6.50E-01	1.00E+00	0.02	9.74E-01	9.97E-01
KCNK7	0.15	7.58E-01	1.00E+00	-0.02	9.74E-01	9.97E-01
AC006213.6	-2.09	1.61E-01	1.00E+00	0.04	9.74E-01	9.97E-01
ALOX12	-0.27	6.21E-01	1.00E+00	-0.01	9.75E-01	9.97E-01
TPK1	0.54	1.20E-01	1.00E+00	0.02	9.75E-01	9.97E-01
AC138089.1	-2.49	2.66E-01	1.00E+00	0.04	9.75E-01	9.97E-01
YWHAQ	-0.15	3.90E-01	1.00E+00	-0.01	9.75E-01	9.97E-01
LINC00278	0.27	8.39E-01	1.00E+00	0.07	9.75E-01	9.97E-01
RBMXL1	-0.06	7.82E-01	1.00E+00	-0.01	9.75E-01	9.97E-01
LCE2D	1.12	1.26E-01	1.00E+00	0.02	9.75E-01	9.97E-01
AC007342.4	0.78	4.59E-01	1.00E+00	0.03	9.75E-01	9.97E-01
LINC01589	1.27	3.55E-01	1.00E+00	-0.04	9.75E-01	9.97E-01
DDX111L10	0.67	6.78E-01	1.00E+00	-0.03	9.75E-01	9.97E-01
KRTAP10-10	-6.29	7.06E-02	1.00E+00	-0.10	9.75E-01	9.97E-01
TMEM127	-0.06	6.99E-01	1.00E+00	-0.02	9.75E-01	9.97E-01
TMPRSS5	-0.67	3.86E-01	1.00E+00	-0.02	9.75E-01	9.97E-01
CSPG4P12	-0.04	9.49E-01	1.00E+00	0.03	9.75E-01	9.97E-01

AGAP12P	-1.13	4.54E-01	1.00E+00	-0.03	9.75E-01	9.97E-01
PLEKHG6	0.12	6.64E-01	1.00E+00	-0.02	9.75E-01	9.97E-01
HLA-DQB2	-1.25	1.45E-02	7.60E-01	0.02	9.75E-01	9.97E-01
GJB4	0.30	6.04E-01	1.00E+00	0.02	9.75E-01	9.97E-01
PGM5P1	0.60	5.79E-01	1.00E+00	-0.02	9.75E-01	9.97E-01
INTS7	-0.06	8.39E-01	1.00E+00	0.01	9.75E-01	9.97E-01
MCM4	-0.37	1.55E-01	1.00E+00	0.01	9.75E-01	9.97E-01
ZMYM4	0.29	4.31E-01	1.00E+00	0.01	9.75E-01	9.97E-01
STARD3NL	0.72	5.60E-02	1.00E+00	-0.01	9.75E-01	9.97E-01
AC004801.6	-0.67	5.46E-01	1.00E+00	0.03	9.75E-01	9.97E-01
AC126474.1	1.20	2.83E-01	1.00E+00	-0.03	9.75E-01	9.97E-01
ADAMTS1	-0.76	1.28E-01	1.00E+00	-0.02	9.75E-01	9.97E-01
LINC00881	-1.26	7.16E-01	1.00E+00	-0.07	9.76E-01	9.97E-01
NECTIN4	0.19	6.31E-01	1.00E+00	0.01	9.76E-01	9.97E-01
CCDC40	-1.08	4.26E-02	1.00E+00	0.02	9.76E-01	9.97E-01
AL117332.1	-1.07	8.03E-02	1.00E+00	0.02	9.76E-01	9.97E-01
AP000866.1	0.85	1.61E-01	1.00E+00	-0.03	9.76E-01	9.97E-01
LINC01140	1.38	1.73E-01	1.00E+00	-0.02	9.76E-01	9.97E-01
MT-CO1	0.06	8.92E-01	1.00E+00	-0.02	9.76E-01	9.97E-01
GOLGB1	-0.37	1.25E-02	6.97E-01	0.01	9.76E-01	9.97E-01
AL137784.2	1.96	5.66E-01	1.00E+00	0.03	9.76E-01	9.97E-01
TACO1	-0.15	4.94E-01	1.00E+00	-0.01	9.76E-01	9.97E-01
A2M	0.01	9.89E-01	1.00E+00	0.02	9.76E-01	9.97E-01
ZNF800	-0.13	7.08E-01	1.00E+00	-0.01	9.76E-01	9.97E-01
PPM1H	0.28	6.53E-01	1.00E+00	-0.02	9.76E-01	9.97E-01
AC011297.1	-0.01	9.96E-01	1.00E+00	0.06	9.76E-01	9.97E-01
ATP6V0A1	0.02	9.42E-01	1.00E+00	0.01	9.76E-01	9.97E-01
ASAP1-IT2	0.73	5.63E-01	1.00E+00	-0.02	9.76E-01	9.97E-01
KCNIP1	-0.25	6.94E-01	1.00E+00	-0.06	9.76E-01	9.97E-01
MYO1H	1.57	3.66E-01	1.00E+00	0.03	9.76E-01	9.97E-01
C7orf26	-0.16	4.30E-01	1.00E+00	0.01	9.76E-01	9.97E-01
LINC01395	-3.83	1.58E-02	7.86E-01	-0.03	9.76E-01	9.97E-01

TMEM45A	0.12	8.02E-01	1.00E+00	0.02	9.76E-01	9.97E-01
AGPS	0.19	4.61E-01	1.00E+00	0.01	9.76E-01	9.97E-01
POMK	-0.14	7.02E-01	1.00E+00	0.01	9.76E-01	9.97E-01
SLCO4A1-AS1	-0.21	7.14E-01	1.00E+00	0.02	9.76E-01	9.97E-01
NELFB	-0.20	3.71E-01	1.00E+00	-0.02	9.76E-01	9.97E-01
AL137786.1	-0.19	9.08E-01	1.00E+00	0.04	9.77E-01	9.97E-01
TTC9	0.25	5.29E-01	1.00E+00	0.02	9.77E-01	9.97E-01
MYOZ2	-1.35	4.17E-01	1.00E+00	0.09	9.77E-01	9.97E-01
MKNK2	0.03	9.22E-01	1.00E+00	-0.02	9.77E-01	9.97E-01
PABPC3	0.26	8.61E-01	1.00E+00	-0.02	9.77E-01	9.97E-01
FOSB	-2.67	5.02E-02	1.00E+00	-0.02	9.77E-01	9.97E-01
C10orf25	0.68	2.25E-01	1.00E+00	0.03	9.77E-01	9.97E-01
PLEKHA6	0.41	4.44E-01	1.00E+00	-0.02	9.77E-01	9.97E-01
ACKR1	-0.52	1.85E-01	1.00E+00	0.01	9.77E-01	9.97E-01
H6PD	-0.05	8.21E-01	1.00E+00	0.01	9.77E-01	9.97E-01
AL049555.1	-0.08	8.44E-01	1.00E+00	0.02	9.77E-01	9.97E-01
ITGB5	0.07	7.66E-01	1.00E+00	0.01	9.77E-01	9.97E-01
AC008481.2	-0.23	8.44E-01	1.00E+00	0.04	9.77E-01	9.97E-01
POLR2F	-0.14	4.46E-01	1.00E+00	0.01	9.77E-01	9.97E-01
TSKS	0.32	5.19E-01	1.00E+00	-0.03	9.77E-01	9.97E-01
MRPL41	-0.28	2.12E-01	1.00E+00	-0.01	9.77E-01	9.97E-01
ATP6AP1L	0.32	5.64E-01	1.00E+00	0.01	9.77E-01	9.97E-01
CRCP	0.09	6.85E-01	1.00E+00	-0.01	9.77E-01	9.97E-01
CNOT10	0.02	9.40E-01	1.00E+00	0.01	9.77E-01	9.97E-01
MT-ND1	0.01	9.90E-01	1.00E+00	0.01	9.77E-01	9.97E-01
KLHDC8B	0.41	7.28E-02	1.00E+00	0.01	9.77E-01	9.97E-01
AL133485.2	-1.91	4.70E-01	1.00E+00	0.04	9.77E-01	9.97E-01
SERPINB6	-0.12	7.39E-01	1.00E+00	0.01	9.77E-01	9.97E-01
XLOC_005369	0.83	6.86E-01	1.00E+00	-0.03	9.77E-01	9.97E-01
AL033384.1	-0.07	8.97E-01	1.00E+00	-0.02	9.77E-01	9.97E-01
PTGES2	-0.06	8.07E-01	1.00E+00	-0.02	9.77E-01	9.97E-01
ZNF304	0.14	5.27E-01	1.00E+00	-0.01	9.77E-01	9.97E-01

GABRG3	-0.34	7.47E-01	1.00E+00	-0.03	9.78E-01	9.97E-01
ANKRD50	-0.45	6.15E-02	1.00E+00	-0.01	9.78E-01	9.97E-01
AL023881.1	-2.22	1.98E-01	1.00E+00	0.04	9.78E-01	9.97E-01
METTL8	-0.37	1.95E-01	1.00E+00	-0.01	9.78E-01	9.97E-01
AL391834.2	-0.05	9.52E-01	1.00E+00	0.01	9.78E-01	9.97E-01
AC012360.3	-0.69	2.14E-01	1.00E+00	0.02	9.78E-01	9.97E-01
TM2D2	0.24	3.02E-01	1.00E+00	0.01	9.78E-01	9.97E-01
PDE8A	0.03	9.16E-01	1.00E+00	-0.01	9.78E-01	9.97E-01
AC079250.1	-0.26	6.18E-01	1.00E+00	-0.02	9.78E-01	9.97E-01
PGGT1B	0.00	9.91E-01	1.00E+00	0.01	9.78E-01	9.97E-01
EPHA4	-0.36	1.48E-01	1.00E+00	-0.01	9.78E-01	9.97E-01
ADORA2BP1	0.55	5.85E-01	1.00E+00	-0.03	9.78E-01	9.97E-01
AC083880.1	-0.14	9.08E-01	1.00E+00	-0.02	9.78E-01	9.97E-01
ISOC2	-0.37	1.83E-01	1.00E+00	0.01	9.78E-01	9.97E-01
HMGA1P4	-0.37	7.30E-01	1.00E+00	-0.02	9.78E-01	9.97E-01
AC116312.1	0.69	6.73E-01	1.00E+00	0.02	9.78E-01	9.97E-01
KLHL17	-0.41	3.56E-01	1.00E+00	0.02	9.78E-01	9.97E-01
KRTAP1-1	-1.14	7.40E-01	1.00E+00	-0.09	9.78E-01	9.97E-01
ADAM15	-0.11	5.42E-01	1.00E+00	-0.01	9.78E-01	9.97E-01
CMAS	0.05	8.69E-01	1.00E+00	-0.01	9.78E-01	9.97E-01
FIP1L1	0.05	8.38E-01	1.00E+00	0.01	9.79E-01	9.97E-01
ENOX2	0.04	8.42E-01	1.00E+00	0.01	9.79E-01	9.97E-01
ARVCF	-0.26	3.44E-01	1.00E+00	-0.02	9.79E-01	9.97E-01
BCLAF1	-0.40	1.01E-01	1.00E+00	0.01	9.79E-01	9.97E-01
MRPL49	0.17	3.39E-01	1.00E+00	0.00	9.79E-01	9.97E-01
HSD17B7P2	-0.04	9.73E-01	1.00E+00	0.01	9.79E-01	9.97E-01
SNRK	0.00	9.99E-01	1.00E+00	0.01	9.79E-01	9.97E-01
AC005014.3	-1.00	2.78E-01	1.00E+00	0.02	9.79E-01	9.97E-01
GAS2	-0.29	6.90E-01	1.00E+00	0.01	9.79E-01	9.97E-01
LIN7B	0.29	5.99E-01	1.00E+00	-0.01	9.79E-01	9.97E-01
FIGN	0.88	8.50E-02	1.00E+00	0.02	9.79E-01	9.97E-01
XLOC_002561	-0.46	4.27E-01	1.00E+00	0.02	9.79E-01	9.97E-01

CYFIP1	-0.13	4.75E-01	1.00E+00	0.01	9.79E-01	9.97E-01
TEK	0.26	6.21E-01	1.00E+00	0.01	9.79E-01	9.97E-01
G40091	-30.00	3.42E-18	5.54E-15	-0.08	9.79E-01	9.97E-01
HMG1P7	-2.81	1.27E-01	1.00E+00	0.03	9.79E-01	9.97E-01
AC108718.1	-0.76	2.33E-01	1.00E+00	0.02	9.80E-01	9.97E-01
SNORA11	-1.33	3.47E-01	1.00E+00	0.02	9.80E-01	9.97E-01
AL357033.1	0.20	7.11E-01	1.00E+00	0.02	9.80E-01	9.97E-01
KDM5B	-0.02	9.38E-01	1.00E+00	-0.01	9.80E-01	9.97E-01
CKAP2	-0.06	8.27E-01	1.00E+00	0.01	9.80E-01	9.97E-01
LSM3P3	NA	NA	NA	0.03	9.80E-01	9.97E-01
VAMP2	-0.14	5.82E-01	1.00E+00	0.01	9.80E-01	9.97E-01
LINC01058	0.43	5.55E-01	1.00E+00	0.02	9.80E-01	9.97E-01
AC002546.1	3.00	1.03E-02	6.31E-01	-0.08	9.80E-01	9.97E-01
GNL2	-0.02	9.16E-01	1.00E+00	0.01	9.80E-01	9.97E-01
AF165147.1	-1.62	7.65E-02	1.00E+00	-0.02	9.80E-01	9.97E-01
SKA2	0.01	9.67E-01	1.00E+00	0.00	9.80E-01	9.97E-01
ADAMTS9-AS2	-0.49	2.73E-01	1.00E+00	0.01	9.80E-01	9.97E-01
LINC00294	-0.01	9.88E-01	1.00E+00	-0.01	9.80E-01	9.97E-01
LINC02178	-0.08	9.37E-01	1.00E+00	-0.02	9.80E-01	9.97E-01
FAM71D	-2.17	4.21E-01	1.00E+00	0.02	9.80E-01	9.97E-01
G38514	1.23	3.97E-02	1.00E+00	0.02	9.80E-01	9.97E-01
DCP2	0.50	6.89E-02	1.00E+00	0.01	9.81E-01	9.97E-01
XLOC_010457	-3.00	1.89E-01	1.00E+00	-0.04	9.81E-01	9.97E-01
GLUD1P3	-1.39	2.13E-03	2.39E-01	-0.01	9.81E-01	9.97E-01
TRIR	0.02	9.04E-01	1.00E+00	-0.02	9.81E-01	9.97E-01
RSBN1	0.04	8.04E-01	1.00E+00	-0.01	9.81E-01	9.97E-01
COQ8B	-0.15	2.92E-01	1.00E+00	0.01	9.81E-01	9.97E-01
TRIM65	-0.13	4.76E-01	1.00E+00	0.01	9.81E-01	9.97E-01
EYA1	0.47	7.09E-01	1.00E+00	-0.02	9.81E-01	9.97E-01
ATOH8	0.78	5.28E-02	1.00E+00	-0.02	9.81E-01	9.97E-01
DINOL	-3.78	1.69E-01	1.00E+00	-0.03	9.81E-01	9.97E-01
TM4SF18	0.04	9.48E-01	1.00E+00	0.01	9.81E-01	9.97E-01

FAM83E	-0.03	9.62E-01	1.00E+00	-0.07	9.81E-01	9.97E-01
TCEAL2	-0.18	7.43E-01	1.00E+00	-0.01	9.81E-01	9.97E-01
DDR2	0.89	1.73E-01	1.00E+00	0.01	9.81E-01	9.97E-01
ELFN1-AS1	0.90	7.96E-01	1.00E+00	0.05	9.81E-01	9.97E-01
RPS26P15	1.13	5.94E-01	1.00E+00	-0.02	9.81E-01	9.97E-01
CHTF18	-0.25	3.98E-01	1.00E+00	0.01	9.81E-01	9.97E-01
XLOC_008694	-0.12	8.22E-01	1.00E+00	0.01	9.81E-01	9.97E-01
ZFP1	0.05	8.64E-01	1.00E+00	0.01	9.81E-01	9.97E-01
JDP2	0.00	9.91E-01	1.00E+00	0.01	9.82E-01	9.97E-01
STX17	0.09	7.54E-01	1.00E+00	0.00	9.82E-01	9.97E-01
DUSP8P5	-0.76	8.84E-02	1.00E+00	0.03	9.82E-01	9.97E-01
ZNF280C	0.01	9.84E-01	1.00E+00	-0.01	9.82E-01	9.97E-01
AC103974.1	0.04	9.51E-01	1.00E+00	-0.02	9.82E-01	9.97E-01
FOXRED1	-0.14	5.39E-01	1.00E+00	0.00	9.82E-01	9.97E-01
SCN4A	1.58	1.25E-01	1.00E+00	-0.02	9.82E-01	9.97E-01
RAD23A	0.02	9.02E-01	1.00E+00	0.00	9.82E-01	9.97E-01
KIAA0100	0.16	4.32E-01	1.00E+00	0.02	9.82E-01	9.97E-01
TGM4	-1.95	2.00E-01	1.00E+00	-0.02	9.82E-01	9.97E-01
BTG2	-0.84	1.89E-01	1.00E+00	-0.01	9.82E-01	9.97E-01
KRT82	-7.78	9.90E-04	1.63E-01	0.04	9.82E-01	9.97E-01
SDHC	0.05	7.37E-01	1.00E+00	-0.01	9.82E-01	9.97E-01
LINC02066	-0.54	7.41E-01	1.00E+00	-0.03	9.82E-01	9.97E-01
PQLC1	-0.03	8.85E-01	1.00E+00	0.01	9.82E-01	9.97E-01
TNFRSF11A	-0.02	9.50E-01	1.00E+00	0.01	9.82E-01	9.97E-01
XLOC_004822	2.29	1.10E-01	1.00E+00	-0.02	9.82E-01	9.97E-01
SYP	-1.07	5.94E-02	1.00E+00	-0.02	9.82E-01	9.97E-01
PCDHGA7	-0.51	2.12E-01	1.00E+00	-0.02	9.82E-01	9.97E-01
AC068888.2	1.78	1.41E-02	7.48E-01	0.02	9.82E-01	9.97E-01
CASKIN1	-1.57	3.07E-04	6.69E-02	-0.07	9.82E-01	9.97E-01
MRPL32	0.30	1.24E-01	1.00E+00	0.01	9.82E-01	9.97E-01
GRK3	1.08	5.23E-02	1.00E+00	-0.01	9.82E-01	9.97E-01
AL158071.2	1.52	4.89E-01	1.00E+00	-0.03	9.83E-01	9.97E-01

TRAPPC10	-0.27	2.21E-01	1.00E+00	-0.01	9.83E-01	9.97E-01
ALDH16A1	-0.13	5.37E-01	1.00E+00	-0.01	9.83E-01	9.97E-01
G2899	1.01	1.60E-01	1.00E+00	-0.02	9.83E-01	9.97E-01
CIAO3	0.21	2.99E-01	1.00E+00	-0.01	9.83E-01	9.97E-01
HNRNPK	0.07	6.66E-01	1.00E+00	0.00	9.83E-01	9.97E-01
GTF2IP13	-0.67	4.29E-01	1.00E+00	-0.02	9.83E-01	9.97E-01
ADRA1A	0.58	4.82E-01	1.00E+00	-0.02	9.83E-01	9.97E-01
AL133370.1	-0.87	6.39E-01	1.00E+00	0.03	9.83E-01	9.97E-01
CTU1	-0.17	5.65E-01	1.00E+00	-0.02	9.83E-01	9.97E-01
ACTG1P17	-1.43	6.74E-01	1.00E+00	-0.02	9.83E-01	9.97E-01
OCLNP1	-0.14	9.38E-01	1.00E+00	-0.02	9.83E-01	9.97E-01
ZNF558	-0.01	9.76E-01	1.00E+00	0.01	9.83E-01	9.97E-01
C1orf112	-0.15	6.50E-01	1.00E+00	-0.01	9.83E-01	9.97E-01
PRIM2	0.23	5.10E-01	1.00E+00	-0.01	9.83E-01	9.97E-01
VRK2	-0.14	6.27E-01	1.00E+00	0.00	9.83E-01	9.97E-01
PLAGL1	0.22	4.99E-01	1.00E+00	0.01	9.83E-01	9.97E-01
CAPN10-DT	0.37	4.88E-01	1.00E+00	-0.02	9.83E-01	9.97E-01
AL603840.1	-0.47	3.50E-01	1.00E+00	0.01	9.83E-01	9.97E-01
LINC01347	-0.80	4.89E-01	1.00E+00	-0.02	9.83E-01	9.97E-01
AC006026.3	0.98	3.16E-01	1.00E+00	0.02	9.83E-01	9.97E-01
KCNQ1OT1	-0.17	7.46E-01	1.00E+00	-0.01	9.83E-01	9.97E-01
ZNF883	1.74	9.47E-03	6.06E-01	-0.04	9.83E-01	9.97E-01
ZNF100	0.64	1.05E-01	1.00E+00	0.01	9.83E-01	9.97E-01
DCT	0.15	7.69E-01	1.00E+00	-0.02	9.83E-01	9.97E-01
LITAF	0.21	3.86E-01	1.00E+00	0.00	9.83E-01	9.97E-01
FOXRED2	-0.42	1.07E-01	1.00E+00	0.01	9.84E-01	9.97E-01
AL021807.1	-1.88	2.17E-01	1.00E+00	-0.03	9.84E-01	9.97E-01
LRMDA	0.36	5.20E-01	1.00E+00	0.01	9.84E-01	9.97E-01
RELCH	-0.07	8.44E-01	1.00E+00	-0.01	9.84E-01	9.97E-01
EPS8	0.21	5.79E-01	1.00E+00	0.01	9.84E-01	9.97E-01
RORB	0.90	2.16E-01	1.00E+00	0.01	9.84E-01	9.97E-01
AC092117.1	-0.35	5.78E-01	1.00E+00	0.02	9.84E-01	9.97E-01

AL079342.1	0.56	8.71E-01	1.00E+00	0.02	9.84E-01	9.97E-01
MMRN2	0.01	9.80E-01	1.00E+00	0.01	9.84E-01	9.97E-01
GUCY2C	-0.09	8.74E-01	1.00E+00	-0.01	9.84E-01	9.97E-01
SUPT7L	-0.19	3.92E-01	1.00E+00	0.00	9.84E-01	9.97E-01
TMEM130	-2.29	2.53E-02	9.29E-01	0.02	9.84E-01	9.97E-01
CEP41	0.20	4.82E-01	1.00E+00	-0.01	9.84E-01	9.97E-01
MBTPS2	0.10	6.92E-01	1.00E+00	0.00	9.84E-01	9.97E-01
AL157893.1	0.89	3.97E-02	1.00E+00	0.02	9.84E-01	9.97E-01
PRPF40B	-0.53	4.35E-02	1.00E+00	0.01	9.84E-01	9.97E-01
KBTBD2	-0.04	8.45E-01	1.00E+00	0.01	9.84E-01	9.97E-01
ORMDL2	0.24	3.20E-01	1.00E+00	0.01	9.84E-01	9.97E-01
USP6	-0.05	9.64E-01	1.00E+00	-0.02	9.84E-01	9.97E-01
RARS	0.10	6.07E-01	1.00E+00	0.00	9.84E-01	9.97E-01
AP000936.3	1.36	3.42E-01	1.00E+00	-0.02	9.84E-01	9.97E-01
ZNF536	0.25	7.02E-01	1.00E+00	-0.02	9.84E-01	9.97E-01
AC005034.5	-0.92	3.29E-01	1.00E+00	-0.02	9.84E-01	9.97E-01
TTC8	-0.07	7.36E-01	1.00E+00	-0.01	9.84E-01	9.97E-01
BREA2	1.65	1.38E-01	1.00E+00	0.02	9.84E-01	9.97E-01
LINC02458	0.77	7.11E-01	1.00E+00	-0.04	9.84E-01	9.97E-01
HBG1	0.00	1.00E+00	NA	0.06	9.84E-01	9.97E-01
IGF2BP2-AS1	-0.08	9.82E-01	1.00E+00	0.06	9.84E-01	9.97E-01
AC069148.1	-0.16	9.23E-01	1.00E+00	-0.02	9.84E-01	9.97E-01
SLC35F3	0.06	9.35E-01	1.00E+00	0.05	9.84E-01	9.97E-01
PCLAF	0.06	8.87E-01	1.00E+00	0.01	9.84E-01	9.97E-01
PCDHB7	0.09	8.73E-01	1.00E+00	0.01	9.85E-01	9.98E-01
PHF8	0.10	6.33E-01	1.00E+00	-0.01	9.85E-01	9.98E-01
RECQL	-0.20	3.75E-01	1.00E+00	0.00	9.85E-01	9.98E-01
UQCRHL	-0.57	4.49E-01	1.00E+00	0.01	9.85E-01	9.98E-01
GIPC1	0.00	9.92E-01	1.00E+00	0.01	9.85E-01	9.98E-01
CFAP54	0.55	6.52E-01	1.00E+00	-0.05	9.85E-01	9.98E-01
KRT84	-2.46	1.98E-01	1.00E+00	0.02	9.85E-01	9.98E-01
USP4	0.08	6.63E-01	1.00E+00	0.00	9.85E-01	9.98E-01

AP005432.2	-0.51	5.57E-01	1.00E+00	-0.02	9.85E-01	9.98E-01
HIVEP3	-0.45	1.11E-01	1.00E+00	-0.01	9.85E-01	9.98E-01
AC055813.1	-2.66	3.12E-01	1.00E+00	0.02	9.85E-01	9.98E-01
UQCC1	-0.21	2.91E-01	1.00E+00	0.00	9.85E-01	9.98E-01
CLIC5	0.13	8.37E-01	1.00E+00	0.01	9.85E-01	9.98E-01
RNASEH2CP1	0.65	4.45E-01	1.00E+00	0.06	9.85E-01	9.98E-01
KCNG3	-1.64	3.86E-02	1.00E+00	-0.02	9.85E-01	9.98E-01
CROT	-0.01	9.51E-01	1.00E+00	-0.01	9.85E-01	9.98E-01
SLMAP	-0.16	4.99E-01	1.00E+00	0.00	9.86E-01	9.98E-01
VSIG10L	-0.34	2.38E-01	1.00E+00	0.01	9.86E-01	9.98E-01
LINC00343	1.54	6.52E-01	1.00E+00	-0.03	9.86E-01	9.98E-01
RETREG2	-0.01	9.73E-01	1.00E+00	0.01	9.86E-01	9.98E-01
NRBP2	-0.22	4.54E-01	1.00E+00	-0.01	9.86E-01	9.98E-01
ART5	0.82	2.51E-01	1.00E+00	-0.02	9.86E-01	9.98E-01
GCK	-0.37	4.75E-01	1.00E+00	-0.01	9.86E-01	9.98E-01
AL049870.3	-0.10	9.47E-01	1.00E+00	0.02	9.86E-01	9.98E-01
LINC01354	-0.12	9.13E-01	1.00E+00	-0.02	9.86E-01	9.98E-01
AC012254.5	-0.52	8.80E-01	1.00E+00	-0.06	9.86E-01	9.98E-01
ACTG1P20	-1.76	5.51E-01	1.00E+00	-0.01	9.86E-01	9.98E-01
ACTB	-0.47	2.51E-02	9.28E-01	0.00	9.86E-01	9.98E-01
AC005682.1	-0.39	2.89E-01	1.00E+00	-0.02	9.86E-01	9.98E-01
PFAS	0.13	7.42E-01	1.00E+00	-0.01	9.86E-01	9.98E-01
IFT20	0.09	6.95E-01	1.00E+00	-0.01	9.86E-01	9.98E-01
PPFIA2	-0.63	4.33E-01	1.00E+00	-0.01	9.86E-01	9.98E-01
IL22RA2	-0.36	6.46E-01	1.00E+00	0.02	9.86E-01	9.98E-01
KCNN1	-0.38	6.09E-01	1.00E+00	-0.02	9.86E-01	9.98E-01
PRPF18	0.01	9.76E-01	1.00E+00	0.00	9.86E-01	9.98E-01
ALOX12-AS1	-0.93	8.37E-02	1.00E+00	0.01	9.86E-01	9.98E-01
CTDSPL2	0.12	5.56E-01	1.00E+00	0.00	9.87E-01	9.98E-01
MAGI1	0.13	4.94E-01	1.00E+00	0.01	9.87E-01	9.98E-01
ACHE	-0.23	6.24E-01	1.00E+00	-0.04	9.87E-01	9.98E-01
ZNF518B	0.20	3.72E-01	1.00E+00	0.00	9.87E-01	9.98E-01

CDCP1	-0.18	5.86E-01	1.00E+00	-0.01	9.87E-01	9.98E-01
KLHL25	0.00	9.94E-01	1.00E+00	0.01	9.87E-01	9.98E-01
SNHG8	0.18	5.56E-01	1.00E+00	-0.01	9.87E-01	9.98E-01
AAGAB	0.09	5.54E-01	1.00E+00	0.00	9.87E-01	9.98E-01
KCTD20	0.30	1.74E-01	1.00E+00	0.00	9.87E-01	9.98E-01
NKD1	0.04	9.42E-01	1.00E+00	0.01	9.87E-01	9.98E-01
KDF1	0.01	9.77E-01	1.00E+00	0.01	9.87E-01	9.98E-01
AC012313.6	0.39	5.27E-01	1.00E+00	-0.01	9.87E-01	9.98E-01
AL031673.1	-2.48	3.85E-02	1.00E+00	-0.02	9.87E-01	9.98E-01
GS1-24F4.2	-0.07	9.56E-01	1.00E+00	-0.02	9.87E-01	9.98E-01
PLEKHG4	-0.45	1.87E-01	1.00E+00	0.01	9.87E-01	9.98E-01
ZNF285B	-1.18	6.01E-01	1.00E+00	-0.02	9.87E-01	9.98E-01
AL031123.3	-1.30	1.54E-01	1.00E+00	-0.02	9.87E-01	9.98E-01
LRCH3	0.09	6.92E-01	1.00E+00	0.01	9.87E-01	9.98E-01
AP000866.4	0.50	5.35E-01	1.00E+00	-0.02	9.87E-01	9.98E-01
COPS5	0.13	4.90E-01	1.00E+00	0.00	9.88E-01	9.98E-01
SLC1A1	0.05	9.34E-01	1.00E+00	0.01	9.88E-01	9.98E-01
CCDC36	-0.21	8.19E-01	1.00E+00	0.01	9.88E-01	9.98E-01
G40216	0.72	4.45E-01	1.00E+00	0.02	9.88E-01	9.98E-01
AC138932.1	-0.73	1.94E-01	1.00E+00	-0.05	9.88E-01	9.98E-01
YBEY	0.03	9.26E-01	1.00E+00	0.00	9.88E-01	9.98E-01
CTXND1	-0.32	4.39E-01	1.00E+00	0.01	9.88E-01	9.98E-01
USP19	-0.06	7.20E-01	1.00E+00	0.01	9.88E-01	9.98E-01
RPL35P2	-1.05	1.88E-01	1.00E+00	0.01	9.88E-01	9.98E-01
DYNLL1P1	-2.16	2.58E-01	1.00E+00	-0.01	9.88E-01	9.98E-01
PRR9	-4.26	1.98E-01	1.00E+00	0.05	9.88E-01	9.98E-01
AL353583.1	-2.35	2.09E-01	1.00E+00	-0.01	9.88E-01	9.98E-01
XLOC_002030	-1.55	1.15E-01	1.00E+00	0.01	9.88E-01	9.98E-01
G36985	-3.02	1.65E-01	1.00E+00	0.01	9.88E-01	9.98E-01
ARSD	-0.52	3.20E-02	1.00E+00	0.00	9.88E-01	9.98E-01
AC012085.2	0.08	9.56E-01	1.00E+00	-0.03	9.88E-01	9.98E-01
PMFBP1	-0.69	3.45E-01	1.00E+00	-0.01	9.88E-01	9.98E-01

AC002451.1	0.87	4.98E-01	1.00E+00	0.01	9.88E-01	9.98E-01
CLMP	1.27	4.09E-02	1.00E+00	-0.01	9.88E-01	9.98E-01
TADA2B	-0.05	7.20E-01	1.00E+00	-0.01	9.88E-01	9.98E-01
RHBDL3	-0.63	3.13E-01	1.00E+00	-0.04	9.88E-01	9.98E-01
ZNF653	-0.67	1.99E-02	8.80E-01	-0.01	9.88E-01	9.98E-01
TBL1Y	-0.16	8.83E-01	1.00E+00	0.03	9.88E-01	9.98E-01
USP48	0.12	4.63E-01	1.00E+00	0.00	9.88E-01	9.98E-01
NKPD1	-0.02	9.75E-01	1.00E+00	-0.01	9.88E-01	9.98E-01
NAV2	-0.34	5.36E-01	1.00E+00	0.01	9.88E-01	9.98E-01
GTF2IRD1P1	-0.85	4.83E-01	1.00E+00	-0.01	9.88E-01	9.98E-01
METTL4	0.06	8.47E-01	1.00E+00	0.01	9.89E-01	9.98E-01
XLOC_008033	0.57	6.22E-01	1.00E+00	-0.01	9.89E-01	9.98E-01
ANO5	0.19	8.79E-01	1.00E+00	-0.01	9.89E-01	9.98E-01
ENDOV	0.17	3.92E-01	1.00E+00	0.00	9.89E-01	9.98E-01
AL606834.1	0.72	2.01E-01	1.00E+00	-0.01	9.89E-01	9.98E-01
ACTBL2	0.58	8.60E-01	1.00E+00	0.05	9.89E-01	9.98E-01
AL031719.1	1.24	3.90E-01	1.00E+00	0.01	9.89E-01	9.98E-01
TMEM161A	-0.44	8.51E-02	1.00E+00	0.00	9.89E-01	9.98E-01
PHYKPL	0.34	2.33E-01	1.00E+00	0.00	9.89E-01	9.98E-01
ETV4	-0.40	1.61E-01	1.00E+00	0.01	9.89E-01	9.98E-01
AC002558.1	-1.59	2.64E-01	1.00E+00	-0.02	9.89E-01	9.98E-01
WNT6	0.02	9.71E-01	1.00E+00	0.04	9.89E-01	9.98E-01
CHMP7	0.22	2.22E-01	1.00E+00	0.00	9.89E-01	9.98E-01
NPHP4	-0.15	6.44E-01	1.00E+00	-0.01	9.89E-01	9.98E-01
UPK3B	1.21	7.46E-02	1.00E+00	0.01	9.89E-01	9.98E-01
FIZ1	-0.25	2.88E-01	1.00E+00	-0.01	9.89E-01	9.98E-01
XLOC_007486	2.73	2.12E-01	1.00E+00	0.04	9.89E-01	9.98E-01
PSMG3	-0.31	2.99E-01	1.00E+00	0.00	9.89E-01	9.98E-01
AC005330.1	-0.16	9.14E-01	1.00E+00	0.03	9.89E-01	9.98E-01
IL20RB	0.39	2.91E-01	1.00E+00	-0.01	9.89E-01	9.98E-01
TPCN2	-0.06	7.36E-01	1.00E+00	-0.01	9.89E-01	9.98E-01
UHRF1BP1L	-0.08	7.48E-01	1.00E+00	0.00	9.90E-01	9.98E-01

ITGB1	0.46	2.15E-01	1.00E+00	0.01	9.90E-01	9.98E-01
XLOC_002653	-0.38	7.29E-01	1.00E+00	-0.01	9.90E-01	9.98E-01
SET	-0.07	6.84E-01	1.00E+00	0.00	9.90E-01	9.98E-01
MSH6	-0.14	5.29E-01	1.00E+00	0.00	9.90E-01	9.98E-01
AC027575.2	-2.73	2.66E-01	1.00E+00	-0.01	9.90E-01	9.98E-01
RABAC1	0.06	9.39E-01	1.00E+00	0.01	9.90E-01	9.98E-01
SLC35E4	-0.08	7.36E-01	1.00E+00	0.01	9.90E-01	9.98E-01
ZNF492	0.09	9.09E-01	1.00E+00	0.01	9.90E-01	9.98E-01
G5552	0.05	9.76E-01	1.00E+00	0.01	9.90E-01	9.98E-01
PIGS	0.23	1.71E-01	1.00E+00	0.00	9.90E-01	9.98E-01
ERH	0.14	3.95E-01	1.00E+00	0.00	9.90E-01	9.98E-01
ALX4	-0.15	8.47E-01	1.00E+00	-0.01	9.90E-01	9.98E-01
GJB3	0.00	9.97E-01	1.00E+00	-0.01	9.90E-01	9.98E-01
VAC14-AS1	1.56	2.00E-01	1.00E+00	0.01	9.90E-01	9.98E-01
RPS29P16	0.56	8.71E-01	1.00E+00	0.01	9.90E-01	9.98E-01
XLOC_009198	-3.23	4.32E-03	3.72E-01	0.01	9.90E-01	9.98E-01
G40866	-2.03	5.49E-01	1.00E+00	0.01	9.90E-01	9.98E-01
ATRX	0.03	8.62E-01	1.00E+00	0.00	9.90E-01	9.98E-01
C4orf46	0.45	1.51E-01	1.00E+00	0.01	9.90E-01	9.98E-01
AC120053.1	0.80	3.32E-01	1.00E+00	-0.01	9.90E-01	9.98E-01
PCNPP5	0.98	7.78E-01	1.00E+00	-0.01	9.90E-01	9.98E-01
ANKRD34A	-0.30	6.79E-01	1.00E+00	-0.01	9.90E-01	9.98E-01
TYR	0.16	7.92E-01	1.00E+00	-0.01	9.90E-01	9.98E-01
LINC01252	-0.18	8.86E-01	1.00E+00	0.01	9.90E-01	9.98E-01
LRCH1	0.09	7.58E-01	1.00E+00	0.00	9.90E-01	9.98E-01
CYP27C1	-0.08	8.46E-01	1.00E+00	-0.01	9.90E-01	9.98E-01
CAPN5	-0.09	8.43E-01	1.00E+00	0.01	9.90E-01	9.98E-01
AC062004.1	0.02	9.91E-01	1.00E+00	0.04	9.91E-01	9.98E-01
KRTAP11-1	-6.92	3.48E-02	1.00E+00	-0.04	9.91E-01	9.98E-01
CDAN1	-0.02	9.32E-01	1.00E+00	-0.01	9.91E-01	9.98E-01
TXNDC17	-0.17	3.48E-01	1.00E+00	0.00	9.91E-01	9.98E-01
KLHL41	-1.41	4.47E-01	1.00E+00	0.02	9.91E-01	9.98E-01

TXLNA	-0.05	8.16E-01	1.00E+00	0.00	9.91E-01	9.98E-01
DCAF1	0.17	5.15E-01	1.00E+00	0.00	9.91E-01	9.98E-01
BEST3	-0.44	7.21E-01	1.00E+00	0.01	9.91E-01	9.98E-01
ETF1	0.09	6.63E-01	1.00E+00	0.00	9.91E-01	9.98E-01
HOTAIR	-0.18	7.58E-01	1.00E+00	0.01	9.91E-01	9.98E-01
LY6G6C	0.33	5.26E-01	1.00E+00	0.01	9.91E-01	9.98E-01
PLXNA2	-0.07	8.37E-01	1.00E+00	0.00	9.91E-01	9.98E-01
RPL12P12	-3.22	1.17E-01	1.00E+00	-0.01	9.91E-01	9.98E-01
SUSD3	-0.37	3.92E-01	1.00E+00	-0.01	9.91E-01	9.98E-01
GTF2F2	0.14	7.12E-01	1.00E+00	0.00	9.91E-01	9.98E-01
AC004990.1	1.07	6.54E-01	1.00E+00	-0.01	9.91E-01	9.98E-01
MPP5	0.25	3.14E-01	1.00E+00	0.00	9.91E-01	9.98E-01
PDGFD	0.85	9.11E-02	1.00E+00	-0.01	9.91E-01	9.98E-01
G31329	0.10	9.07E-01	1.00E+00	0.01	9.92E-01	9.98E-01
AC018521.6	-0.20	7.87E-01	1.00E+00	0.01	9.92E-01	9.98E-01
CST6	0.03	9.54E-01	1.00E+00	-0.01	9.92E-01	9.98E-01
PEPD	0.17	2.84E-01	1.00E+00	0.00	9.92E-01	9.98E-01
SUPT16HP1	1.10	7.50E-01	1.00E+00	-0.01	9.92E-01	9.98E-01
Z69706.1	-0.39	7.52E-01	1.00E+00	0.01	9.92E-01	9.98E-01
TRMT6	-0.18	5.04E-01	1.00E+00	0.00	9.92E-01	9.98E-01
MTRR	0.17	3.74E-01	1.00E+00	0.00	9.92E-01	9.98E-01
XLOC_014010	-0.56	8.73E-01	1.00E+00	0.01	9.92E-01	9.98E-01
FTH1P15	-10.56	2.06E-03	2.39E-01	0.01	9.92E-01	9.99E-01
PSMA4	-0.02	9.00E-01	1.00E+00	0.00	9.92E-01	9.99E-01
POP7	-0.14	5.72E-01	1.00E+00	0.00	9.92E-01	9.99E-01
AP000911.1	-0.94	9.41E-02	1.00E+00	0.00	9.92E-01	9.99E-01
PFDN2	-0.06	7.46E-01	1.00E+00	0.00	9.92E-01	9.99E-01
SDC1	-0.15	7.10E-01	1.00E+00	0.00	9.92E-01	9.99E-01
B4GALT4	0.21	3.82E-01	1.00E+00	0.00	9.92E-01	9.99E-01
RPL17P43	-0.48	8.87E-01	1.00E+00	-0.01	9.92E-01	9.99E-01
SOCS2-AS1	-0.02	9.78E-01	1.00E+00	0.01	9.92E-01	9.99E-01
NR2E3	2.29	4.14E-01	1.00E+00	0.01	9.93E-01	9.99E-01

AC144530.1	-1.79	2.23E-01	1.00E+00	0.01	9.93E-01	9.99E-01
TMX3	0.30	3.46E-01	1.00E+00	0.00	9.93E-01	9.99E-01
AP003486.1	0.67	1.48E-01	1.00E+00	0.00	9.93E-01	9.99E-01
ATP11B	0.22	5.62E-01	1.00E+00	0.00	9.93E-01	9.99E-01
CHP1	-0.04	8.30E-01	1.00E+00	0.00	9.93E-01	9.99E-01
PTPRM	0.04	9.19E-01	1.00E+00	0.00	9.93E-01	9.99E-01
COL26A1	-1.09	1.53E-01	1.00E+00	-0.01	9.93E-01	9.99E-01
RSPRY1	0.04	8.58E-01	1.00E+00	0.00	9.93E-01	9.99E-01
DCAF16	-0.16	4.83E-01	1.00E+00	0.00	9.93E-01	9.99E-01
UGDH-AS1	-0.07	8.83E-01	1.00E+00	0.00	9.93E-01	9.99E-01
AC093620.1	0.58	5.79E-01	1.00E+00	0.01	9.93E-01	9.99E-01
STX1B	-1.17	8.40E-02	1.00E+00	0.01	9.93E-01	9.99E-01
AL161669.3	-5.08	1.24E-01	1.00E+00	-0.01	9.93E-01	9.99E-01
TAX1BP3	1.49	2.74E-02	9.66E-01	0.01	9.93E-01	9.99E-01
GIN54	-0.65	3.95E-02	1.00E+00	-0.01	9.93E-01	9.99E-01
WHAMM	0.02	9.36E-01	1.00E+00	0.00	9.93E-01	9.99E-01
CYBRD1	0.67	1.67E-01	1.00E+00	0.00	9.94E-01	9.99E-01
HRH4	-0.88	5.74E-01	1.00E+00	-0.02	9.94E-01	9.99E-01
ELOB	-0.10	5.50E-01	1.00E+00	0.00	9.94E-01	9.99E-01
FRMD8	-0.22	4.55E-01	1.00E+00	0.00	9.94E-01	9.99E-01
UBE2O	-0.26	2.25E-01	1.00E+00	0.00	9.94E-01	9.99E-01
TBCEL	0.26	4.04E-01	1.00E+00	0.00	9.94E-01	9.99E-01
RNFT2	-0.82	2.80E-01	1.00E+00	0.00	9.94E-01	9.99E-01
ZNF506	-0.10	6.77E-01	1.00E+00	0.00	9.94E-01	9.99E-01
WDR92	0.22	4.80E-01	1.00E+00	0.00	9.94E-01	9.99E-01
R3HDM1	-0.24	2.47E-01	1.00E+00	0.00	9.94E-01	9.99E-01
RPL5	-0.18	5.80E-01	1.00E+00	0.00	9.94E-01	9.99E-01
NCAM1	-0.16	7.46E-01	1.00E+00	0.00	9.94E-01	9.99E-01
PIKFYVE	0.30	1.49E-01	1.00E+00	0.00	9.94E-01	9.99E-01
AC093591.3	0.73	5.21E-01	1.00E+00	0.01	9.94E-01	9.99E-01
AC084859.1	-0.49	4.64E-01	1.00E+00	-0.01	9.94E-01	9.99E-01
MOCS3	0.18	4.91E-01	1.00E+00	0.00	9.94E-01	9.99E-01

FEM1B	0.13	5.96E-01	1.00E+00	0.00	9.94E-01	9.99E-01
KLF14	1.48	4.94E-02	1.00E+00	-0.01	9.94E-01	9.99E-01
STX19	0.15	6.80E-01	1.00E+00	0.00	9.94E-01	9.99E-01
CFAP44	1.63	5.42E-02	1.00E+00	0.01	9.94E-01	9.99E-01
KLF11	-0.06	8.49E-01	1.00E+00	0.00	9.94E-01	9.99E-01
SHISA9	-0.14	8.67E-01	1.00E+00	-0.01	9.94E-01	9.99E-01
KDM6A	-0.07	6.69E-01	1.00E+00	0.00	9.94E-01	9.99E-01
XLOC_008116	0.39	8.20E-01	1.00E+00	0.01	9.94E-01	9.99E-01
BEGAIN	-0.91	1.12E-01	1.00E+00	0.01	9.94E-01	9.99E-01
BEAN1	0.02	9.64E-01	1.00E+00	-0.01	9.94E-01	9.99E-01
CEP85L	0.27	4.55E-01	1.00E+00	0.00	9.94E-01	9.99E-01
LINC01291	0.28	7.65E-01	1.00E+00	0.01	9.95E-01	9.99E-01
RASA4B	-0.30	7.09E-01	1.00E+00	0.01	9.95E-01	9.99E-01
NUDT17	0.27	5.85E-01	1.00E+00	0.00	9.95E-01	9.99E-01
AAMP	-0.02	8.82E-01	1.00E+00	0.00	9.95E-01	9.99E-01
AC010207.1	-3.51	5.97E-03	4.59E-01	0.01	9.95E-01	9.99E-01
ZNF750	-0.58	2.73E-01	1.00E+00	0.00	9.95E-01	9.99E-01
GPR157	-0.16	6.77E-01	1.00E+00	0.00	9.95E-01	9.99E-01
LINC01863	-2.44	2.78E-01	1.00E+00	0.00	9.95E-01	9.99E-01
LINC01934	-1.88	1.77E-01	1.00E+00	-0.01	9.95E-01	9.99E-01
TMEM250	0.05	8.45E-01	1.00E+00	0.00	9.95E-01	9.99E-01
1-Dec	-2.93	7.24E-02	1.00E+00	-0.01	9.95E-01	9.99E-01
AL136164.3	0.08	9.45E-01	1.00E+00	-0.01	9.95E-01	9.99E-01
XLOC_013981	-2.14	2.28E-01	1.00E+00	0.01	9.95E-01	9.99E-01
ME3	0.18	7.81E-01	1.00E+00	0.00	9.95E-01	9.99E-01
MLF2	-0.15	4.25E-01	1.00E+00	0.00	9.95E-01	9.99E-01
AL035456.1	1.44	5.18E-01	1.00E+00	0.00	9.95E-01	9.99E-01
GLUL	0.27	4.04E-01	1.00E+00	0.00	9.95E-01	9.99E-01
CTF1	0.55	2.19E-01	1.00E+00	0.00	9.96E-01	9.99E-01
RHCE	0.45	4.22E-01	1.00E+00	0.00	9.96E-01	9.99E-01
NECAB2	-3.55	3.61E-02	1.00E+00	0.01	9.96E-01	9.99E-01
SMARCE1P5	-0.86	8.05E-01	1.00E+00	0.00	9.96E-01	9.99E-01

FOXL2	0.50	5.66E-01	1.00E+00	0.02	9.96E-01	9.99E-01
AF001548.3	0.35	8.16E-01	1.00E+00	0.01	9.96E-01	9.99E-01
XKR5	-0.85	4.78E-01	1.00E+00	-0.01	9.96E-01	9.99E-01
ATP2B2	-1.13	1.07E-01	1.00E+00	0.00	9.96E-01	9.99E-01
SOX11	-4.02	1.09E-02	6.43E-01	0.00	9.96E-01	9.99E-01
SNRNP25	-0.43	9.36E-02	1.00E+00	0.00	9.96E-01	9.99E-01
G34551	-0.73	2.10E-01	1.00E+00	0.00	9.96E-01	9.99E-01
ATP5MC1P6	-3.61	4.00E-02	1.00E+00	0.00	9.96E-01	9.99E-01
LINC00954	2.33	8.51E-02	1.00E+00	0.01	9.96E-01	9.99E-01
NUP62CL	-0.27	6.57E-01	1.00E+00	0.00	9.96E-01	9.99E-01
NTM	0.52	2.43E-02	9.22E-01	0.00	9.96E-01	9.99E-01
CDON	0.12	7.51E-01	1.00E+00	0.00	9.96E-01	9.99E-01
ZNF200	0.39	2.81E-01	1.00E+00	0.00	9.96E-01	9.99E-01
ELOA	-0.06	8.23E-01	1.00E+00	0.00	9.97E-01	9.99E-01
TULP3	0.01	9.65E-01	1.00E+00	0.00	9.97E-01	9.99E-01
HP	1.74	4.10E-01	1.00E+00	0.01	9.97E-01	9.99E-01
C9orf66	0.11	8.82E-01	1.00E+00	0.00	9.97E-01	9.99E-01
CEP192	-0.03	8.92E-01	1.00E+00	0.00	9.97E-01	9.99E-01
SMIM10	-0.04	9.37E-01	1.00E+00	0.00	9.97E-01	9.99E-01
AC004947.1	-0.18	7.50E-01	1.00E+00	0.00	9.97E-01	9.99E-01
HLA-DQB1	-0.71	2.00E-01	1.00E+00	0.00	9.97E-01	1.00E+00
SNORD17	-1.84	5.92E-01	1.00E+00	0.00	9.97E-01	1.00E+00
STAT5B	0.33	2.13E-01	1.00E+00	0.00	9.97E-01	1.00E+00
AC023157.2	NA	NA	NA	0.00	9.97E-01	1.00E+00
G35261	-0.34	7.67E-01	1.00E+00	0.00	9.97E-01	1.00E+00
MUTYH	0.01	9.81E-01	1.00E+00	0.00	9.97E-01	1.00E+00
KDM5D	0.19	7.21E-01	1.00E+00	0.00	9.97E-01	1.00E+00
AC072061.1	0.11	8.37E-01	1.00E+00	0.00	9.97E-01	1.00E+00
TP53AIP1	-0.47	2.42E-01	1.00E+00	0.00	9.97E-01	1.00E+00
TMEM273	-0.07	8.89E-01	1.00E+00	0.00	9.97E-01	1.00E+00
AL121983.2	-1.82	1.34E-01	1.00E+00	0.00	9.97E-01	1.00E+00
KIF15	0.19	5.20E-01	1.00E+00	0.00	9.97E-01	1.00E+00

ALG1L	0.12	8.13E-01	1.00E+00	0.00	9.97E-01	1.00E+00
G28274	-1.13	3.07E-01	1.00E+00	0.00	9.98E-01	1.00E+00
LBP	2.63	4.34E-01	1.00E+00	0.00	9.98E-01	1.00E+00
MLXIPL	1.18	1.96E-01	1.00E+00	0.00	9.98E-01	1.00E+00
NFE4	-0.64	8.51E-01	1.00E+00	0.01	9.98E-01	1.00E+00
ZDHC5	-0.18	5.56E-01	1.00E+00	0.00	9.98E-01	1.00E+00
FBXO30	-0.40	4.63E-02	1.00E+00	0.00	9.98E-01	1.00E+00
UNK	-0.07	7.45E-01	1.00E+00	0.00	9.98E-01	1.00E+00
ETV2	0.16	6.86E-01	1.00E+00	0.00	9.98E-01	1.00E+00
INTS5	-0.10	6.45E-01	1.00E+00	0.00	9.98E-01	1.00E+00
FLAD1	-0.19	4.51E-01	1.00E+00	0.00	9.98E-01	1.00E+00
VRK3	0.11	5.78E-01	1.00E+00	0.00	9.98E-01	1.00E+00
ETV5	0.40	3.35E-01	1.00E+00	0.00	9.98E-01	1.00E+00
LYRM4-AS1	-1.05	3.45E-02	1.00E+00	0.00	9.98E-01	1.00E+00
G11315	-1.79	4.90E-01	1.00E+00	0.01	9.98E-01	1.00E+00
HNRNPKP4	-0.92	6.25E-01	1.00E+00	0.00	9.98E-01	1.00E+00
CDH23	0.57	1.40E-01	1.00E+00	0.00	9.98E-01	1.00E+00
LRR37A4P	-0.28	6.64E-01	1.00E+00	0.00	9.98E-01	1.00E+00
AC113935.1	-0.08	8.45E-01	1.00E+00	0.00	9.98E-01	1.00E+00
TCAF2C	-3.35	4.73E-02	1.00E+00	0.00	9.98E-01	1.00E+00
VPS41	0.12	4.91E-01	1.00E+00	0.00	9.98E-01	1.00E+00
STK11	-0.18	4.57E-01	1.00E+00	0.00	9.98E-01	1.00E+00
AC011472.1	0.23	8.06E-01	1.00E+00	0.00	9.98E-01	1.00E+00
IQCC	0.19	5.89E-01	1.00E+00	0.00	9.98E-01	1.00E+00
BX088645.3	-0.36	7.56E-01	1.00E+00	0.00	9.99E-01	1.00E+00
POLH-AS1	-0.58	7.14E-01	1.00E+00	0.00	9.99E-01	1.00E+00
FZD10	-0.20	5.39E-01	1.00E+00	0.00	9.99E-01	1.00E+00
TGM5	0.43	3.57E-01	1.00E+00	0.00	9.99E-01	1.00E+00
GPC3	0.78	1.47E-01	1.00E+00	0.00	9.99E-01	1.00E+00
SLC17A7	-0.70	2.50E-01	1.00E+00	0.00	9.99E-01	1.00E+00
AL136038.5	-1.61	6.37E-01	1.00E+00	0.00	9.99E-01	1.00E+00
CLEC1A	0.39	4.28E-01	1.00E+00	0.00	9.99E-01	1.00E+00

RCBTB2	0.05	8.93E-01	1.00E+00	0.00	9.99E-01	1.00E+00
NTHL1	0.11	7.14E-01	1.00E+00	0.00	9.99E-01	1.00E+00
KCNK15	0.86	1.86E-01	1.00E+00	0.00	9.99E-01	1.00E+00
AC022613.2	0.15	7.26E-01	1.00E+00	0.00	9.99E-01	1.00E+00
FREM3	-3.37	2.37E-01	1.00E+00	0.00	9.99E-01	1.00E+00
MT-TR	NA	NA	NA	0.00	9.99E-01	1.00E+00
RTEL1-TNFRSF6B	-1.76	2.26E-01	1.00E+00	0.00	9.99E-01	1.00E+00
RPS6KA1	-0.32	1.60E-01	1.00E+00	0.00	9.99E-01	1.00E+00
NDFIP1	0.29	3.74E-01	1.00E+00	0.00	9.99E-01	1.00E+00
TNNT1	0.24	5.23E-01	1.00E+00	0.00	1.00E+00	1.00E+00
AC099336.2	0.24	6.77E-01	1.00E+00	0.00	1.00E+00	1.00E+00
CDK6	0.15	5.63E-01	1.00E+00	0.00	1.00E+00	1.00E+00
NMNAT1	-0.28	2.68E-01	1.00E+00	0.00	1.00E+00	1.00E+00
ZNF76	-0.19	3.47E-01	1.00E+00	0.00	1.00E+00	1.00E+00
AL365214.2	3.36	2.37E-03	2.46E-01	0.00	1.00E+00	1.00E+00
G12797	0.79	4.40E-01	1.00E+00	0.00	1.00E+00	1.00E+00
COL4A3BP	0.35	6.60E-02	1.00E+00	0.00	1.00E+00	1.00E+00
XLOC_001153	0.75	7.85E-01	1.00E+00	0.00	1.00E+00	1.00E+00
EMILIN3	0.27	5.83E-01	1.00E+00	0.00	1.00E+00	1.00E+00
CAPZA1	0.25	4.16E-01	1.00E+00	0.00	1.00E+00	1.00E+00
TTY14	0.04	9.57E-01	1.00E+00	0.00	1.00E+00	1.00E+00
CRYBG2	-0.36	3.78E-01	1.00E+00	0.00	1.00E+00	1.00E+00
TXLNG	0.31	2.45E-01	1.00E+00	0.00	1.00E+00	1.00E+00
NBAS	-0.28	1.50E-01	1.00E+00	0.00	1.00E+00	1.00E+00

Supplementary Table 2: Significantly differentially expressed genes under each condition (Healthy Control - HC, Lupus - L, Non-scarring - NS, and Scarring - S) for each stimulation (online access).

Supplementary Table 3: Negative (Neg) and Positive (Pos) Effect Sizes (ES) across condition comparisons (HC vs. L and S vs. NS) for each stimulation (online access).

Supplementary Table 4: Summary statistics for the differential expression analysis between scarring and non-scarring lesional skin samples from lupus patients (online access).

Supplementary Table 5: Medications reported from the time of enrollment

	Non-damage (<i>n</i> = 13)	Damage (<i>n</i> = 8)
Medications		
Oral prednisone	8 (62%)	5 (63%)
Hydroxychloroquine	8 (62%)	5 (63%)
Mycophenolate	3 (23%)	4 (50%)
Methotrexate	2 (15%)	0 (0%)
Azathioprine	0 (0%)	1 (13%)
Belimumab	1 (8%)	1 (13%)
Rituximab	2 (15%)	1 (13%)
Tacrolimus topical	0 (0%)	1 (13%)