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FAM20B	1.2630131	0.0000964
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ARMCX1	1.0976911	0.0000994
CR1	2.0010303	0.0000994
POGLUT1	1.1432829	0.0000994
FGF1	2.1532156	0.0000103
FRY	2.212746	0.0000105
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TNNT2	3.3617747	0.0000117
MTSS1	1.5378591	0.0000123
FOXC1	1.8127249	0.0000129
GPX1	2.4475268	0.0000129
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MXRA8	1.8018643	0.0000142
NFE2L3	1.3489951	0.000016
EFEMP1	1.0853218	0.0000162
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CXADR	1.6363663	0.0000168
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NRIP2	1.7973644	0.0000168
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SSBP2	1.2640565	0.0000181
SYNPO	2.3517805	0.0000183
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ATP10A	2.7100195	0.0000201
KLK6	2.576981	0.0000203
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LARP7	1.0225686	0.0000234
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BCAM	1.430177	0.0000243
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BMP7	1.8307567	0.0000272
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FOXD1	1.4930854	0.0000354
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CLDN5	1.8916945	0.000149
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CREB3L2	1.138542	0.000356
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SERPINF1	-1.606484	0.00175
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MARCKS	-1.3075334	0.00359
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ADAMTSL3	-1.1124358	0.00406
SLC38A1	-1.2849304	0.00414
ACKR1	-1.1263305	0.00415
ACTN1	-1.1197132	0.00415
JCHAIN	-2.8492388	0.00415
TMEM45A	1.2176102	0.00417
GPR171	-1.3537147	0.00427
DYNC111	1.8247573	0.00431
TGFBI	-1.4770664	0.00433
MUC1	-1.3979754	0.00435
IGHM	-3.1314638	0.00437
ABCA8	-1.8723916	0.00441
TLE4	-1.2749522	0.00441
SLC48A1	1.0043776	0.00447
CD44	-1.690338	0.00455
MRC1	-1.5179538	0.00466
CDS2	-2.1810249	0.00483
CCR2	-1.6970876	0.00484
PEA15	1.1002323	0.00491
PRSS16	1.0576455	0.00496
SST	2.393528	0.00499
TMSB15B	1.8039833	0.00501
FZD2	1.7076459	0.00502
GADD45A	1.159476	0.00511
SH2D1A	-1.1411767	0.00511
TNC	-1.5842087	0.00511
CD28	-1.0969738	0.00521
IFI30	-1.0561632	0.00522
SHMT2	-1.0803068	0.00535
NXF3	1.2184085	0.00541
SFRP1	-1.7499379	0.00545
CD55	1.1269028	0.00547
EXPH5	1.6701269	0.00555
HIPK2	1.0371101	0.0056
ADGRG2	-1.0958395	0.00561
PAMR1	1.4187433	0.00561
EFNB2	1.5486479	0.00566
DYRK2	-1.1766611	0.00567
IL7R	-1.717158	0.0058
NNMT	1.0615619	0.00584
LY86	-1.3209895	0.00587
ZBTB16	1.2703184	0.00612
RDX	1.1030927	0.00634
PYCARD	-1.6310347	0.00637
SFRP4	-1.4774209	0.00638
CTSV	1.8382807	0.00639
TNFRSF11B	-1.4606932	0.0064

ERBB4	1.3097646	0.00648
CD24	-1.0411183	0.00652
IGF1	2.2817603	0.00655
SFN	-1.4930337	0.00667
HS3ST1	-1.3517464	0.0067
RG52	1.3242587	0.00685
TYROBP	-1.3999233	0.00685
RAMP3	1.4535522	0.00689
RPS6	-1.0506709	0.00689
CMAHP	1.5808359	0.0069
KRT7	-1.3570532	0.00692
LDB2	1.5015745	0.00702
CELF2	-1.0191333	0.00707
FKBP11	-1.0977003	0.00714
TIPARP	1.311924	0.00714
CCL5	-1.651811	0.0072
ITGB8	1.5127764	0.0072
OPCML	1.2584927	0.0072
MSR1	-1.3320422	0.00721
ERG	1.5370281	0.00759
PLTP	1.3061504	0.0076
SOD2	1.2546589	0.00763
HLA-DRA	-1.268823	0.00775
PTPRD	1.6018999	0.00795
UCP2	-1.5944488	0.00808
DACT1	-1.0701467	0.00809
ACTA2	-1.0764938	0.00819
OGDH	-1.0133872	0.00824
INTS12	1.073233	0.00832
IGHA2	-4.306195	0.00836
G0S2	1.004645	0.00867
BCL2L2	1.0821073	0.00872
SPTAN1	1.1960569	0.00872
PLBD1	1.0272294	0.00879
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FMO3	-1.417746	0.00917
PAPOLA	1.0156111	0.00917
RAPGEF4	1.2776012	0.00936
DHRS3	1.1433956	0.00963
PODXL	2.0371158	0.00963
SLC2A10	1.0970604	0.00966
ATP8A2	1.1114408	0.00974
GLIPR1	-1.2153966	0.0101
TCN2	-1.0333133	0.0103
CLEC4A	-1.0819423	0.0108
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ADGRG1	-1.0416711	0.0112
CDH10	1.5426796	0.0114
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CKLF	-1.0324317	0.0116
SCARB2	1.0429804	0.0116
XYLT1	1.1462295	0.0116
CRHBP	1.6523058	0.0117
KRT19	-1.5467573	0.0117
TRAF3IP3	-1.0353346	0.0117
TNFAIP8	-1.2778156	0.0118
CAMSAP2	1.0376142	0.0119
LTB	-1.8732511	0.0124
RRM2	-1.4059322	0.0124
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SYNE3	1.0559985	0.0124
CASP1	-1.1735307	0.0125
HOPX	-1.2015644	0.0127
AGR2	-1.4211863	0.0128
ENO1	-1.0934863	0.0128
GABRP	-1.3332538	0.0129
GPR18	-1.5437923	0.013
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CSGALNACT2	1.0222261	0.0136
OLFM4	-2.0251691	0.0137
PLAT	2.2206342	0.0143
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PDE4DIP	-1.2628208	0.0151
TES	-1.1913493	0.0151
VCAN	-1.3740546	0.0152
HECA	1.4104269	0.0154
RYR3	-1.4813278	0.0157
TLR7	-1.4649836	0.0157
VDAC1	-1.4459078	0.0164
COL15A1	-1.225996	0.0166
EIF4B	1.0977697	0.0168
SLCO2B1	-1.1655583	0.0169
USP2	1.4264862	0.0169
DOCK2	-1.1142445	0.017
CD8A	-1.0239541	0.0171
RRAS	1.2100162	0.0171
SGK1	1.1904887	0.0172
CTSS	-1.305658	0.0176
NFATC1	1.2592563	0.0178
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LYZ	-1.6698134	0.0182
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HEY1	1.2196226	0.0187
HBEGF	1.3621301	0.0189
KIAA0226L	-1.1152359	0.019
TIMP3	1.0048129	0.0191
ETNPPL	1.346328	0.0192
VIM	1.051709	0.0195
GPR183	-1.3113613	0.0196
AP1M2	-1.0255416	0.0197
SNORD96A	-1.0944342	0.0198
IL1RL1	2.0041698	0.0199
PTPRC	1.5804647	0.0199
RBMS1	1.0464652	0.0203
MRPS12	-1.302649	0.0204
C4B	-1.4866422	0.021
APOBEC3B	-1.0372236	0.0211
ABLIM1	-1.1166502	0.0218
IGKC	-3.0566127	0.022
RARRES3	-1.4274752	0.0222
ITGBL1	1.3286839	0.0223
CYP24A1	-1.5187856	0.0224
FBXO3	1.0578034	0.0225
PLEK	-1.1203964	0.0227
MICAL2	1.0650699	0.0229
PRR5	-1.0056908	0.0235
NCF1	-1.0133321	0.0236
LAPTM5	-1.0729902	0.0239
ITGA8	1.3257912	0.0243
DUSP1	1.8528308	0.0249
MIR8071	-3.8240161	0.025
FBXO21	1.08062	0.0253
HABP2	-1.2995777	0.0261
TRAF5	-1.7780299	0.0261
EV12B	-1.5502002	0.0263
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CRIP1	-1.1780717	0.0273
MGLL	-1.0566274	0.0276
HLA-DPA1	-1.0524992	0.0278
PLPP3	1.103269	0.0278
RAC2	-1.2650157	0.0278
CTSB	-1.2933474	0.028
SOWAHC	-1.3357863	0.028
CETP	1.0642775	0.0281
SLC16A1	-1.0804208	0.0287
CDH6	-1.029748	0.0289
NR3C2	1.1884366	0.0289
TGFBR2	1.3146572	0.0292
ITGA4	-1.147651	0.0297
ZEB1	1.2306545	0.0299
REG1A	-1.7182761	0.0304
ENPEP	1.2527255	0.0313
C1QTNF3	-1.0040455	0.0318
DUSP7	1.1812477	0.0321
RPLP0	-1.4499236	0.0322
AKR1B10	-1.8463016	0.0328
TUBA1B	-1.1288015	0.0328
ALDH1A1	-1.4823402	0.0331
ISG20	-1.0538028	0.0332
PTPRB	1.3822188	0.0336
KDR	1.2563793	0.0338
IGLC1	-3.160036	0.034
SLC6A8	-1.0904495	0.0345
ADGRF5	1.1787189	0.0346
CHL1	-1.2113345	0.0347
EGF	1.3401241	0.0351
HPGD	1.4169641	0.0355
TAGLN	-1.4823788	0.0357
PPIB	-1.0597155	0.0359
RG57	1.1138696	0.0359
RPS5	-1.0750495	0.0391
TEK	1.066326	0.0402
IGLV1	-3.6065807	0.042
PROM1	-1.3278867	0.0437
MPDZ	1.1808935	0.0442
OGDHL	-1.1196826	0.0447
CYAT1	-2.7758306	0.0452
TAC1	-1.8867432	0.0452
SLC22A2	-1.0715499	0.0455
ALOX5	-1.7472621	0.0461
SLC4A4	-1.1602565	0.0461
NEU1	-1.0810841	0.0469
IGK	-1.774711	0.0475
NFIB	-1.284242	0.048
CAPN3	-1.2157413	0.0488