

day30_DEG_0.05_EvsISDown	adj.P.Val	P.Value	t	B	logFC
LOC499407	0.842811073	0.002104079	-4.45074	-0.32866	-0.32095
ACTL7B	0.842811073	0.002488546	-4.32593	-0.37754	-0.22596
MROH7	0.842811073	0.002674182	-4.27294	-0.3989	-0.35048
NUDT17	0.842811073	0.00311701	-4.16108	-0.44522	-0.26669
LOC100909680	0.842811073	0.003314041	-4.11671	-0.46407	-0.95086
LOC499136	0.842811073	0.003576832	-4.06175	-0.48778	-0.5255
FASLG	0.842811073	0.00379908	-4.01857	-0.50672	-0.37407
LOC689757	0.842811073	0.005214881	-3.79473	-0.60908	-0.16527
APOC1	0.842811073	0.005958572	-3.70199	-0.65361	-0.58026
CDH7	0.842811073	0.006280684	-3.6656	-0.67143	-1.21314
LOC689927	0.842811073	0.007540609	-3.54017	-0.73436	-0.16723
GPR21	0.842811073	0.007934552	-3.50549	-0.75218	-0.41974
ZCCHC7	0.842811073	0.00933183	-3.39573	-0.80975	-0.61316
SULT1B1	0.842811073	0.010008401	-3.34868	-0.83498	-0.37247
CYP4F17	0.842811073	0.010435252	-3.32069	-0.85014	-0.25886
ADCY8	0.842811073	0.010819786	-3.2965	-0.86335	-0.17692
HOXB9	0.842811073	0.012162547	-3.21859	-0.90646	-0.79027
GSG1	0.842811073	0.012308418	-3.21068	-0.91089	-0.2748
GMNN	0.842811073	0.01296469	-3.17625	-0.93027	-0.48921
CABYR	0.842811073	0.013397329	-3.15454	-0.94258	-0.20538
SPATA21	0.842811073	0.013431754	-3.15285	-0.94354	-0.32692
RNF133	0.842811073	0.013580931	-3.14555	-0.9477	-0.27279
YBEY	0.842811073	0.014028112	-3.12417	-0.95991	-0.1792
LOC102550396	0.842811073	0.014356843	-3.10891	-0.96868	-0.34851
VOM2R44	0.842811073	0.014602071	-3.09776	-0.9751	-0.21718
OLR1587	0.842811073	0.014807695	-3.08856	-0.98042	-0.20456
UPF3B	0.842811073	0.014825315	-3.08778	-0.98087	-0.2811
UGT2B1	0.842811073	0.015087828	-3.07624	-0.98755	-0.34773
LOC502176	0.842811073	0.015855975	-3.04364	-1.00654	-0.33176
RGD1560958	0.842811073	0.015879967	-3.04265	-1.00712	-0.16975
SENP8	0.842811073	0.015928977	-3.04063	-1.0083	-0.53625
GPR182	0.842811073	0.016158041	-3.03127	-1.01378	-0.34876
LY6G5B	0.842811073	0.016426626	-3.02047	-1.02012	-0.12746
RGSL2H	0.842811073	0.016675704	-3.01062	-1.02592	-2.13098
LOC100361645	0.842811073	0.017064669	-2.99554	-1.03483	-0.45294
NKX2-6	0.842811073	0.017083089	-2.99484	-1.03524	-0.3835
METTL25	0.842811073	0.017592495	-2.97564	-1.04663	-0.75951
LOC56764	0.842811073	0.017683809	-2.97226	-1.04864	-0.23933
OGT	0.842811073	0.018218291	-2.95284	-1.06022	-0.39453
SERPIND1	0.842811073	0.018943802	-2.92739	-1.07547	-0.20861
LRRC27	0.842811073	0.019017501	-2.92487	-1.07699	-0.41876
GIGYF1	0.842811073	0.020253331	-2.88393	-1.10172	-0.34598
HNRNPL	0.842811073	0.020308963	-2.88215	-1.10281	-0.5441
SPO11	0.842811073	0.020783966	-2.86714	-1.11193	-0.53284
DCLK2	0.842811073	0.020927543	-2.86268	-1.11466	-0.89875
F2	0.842811073	0.021136517	-2.85623	-1.11859	-0.23121

PPP2R3B	0.842811073	0.021281953	-2.85179	-1.12131	-0.30436
CHEK1	0.842811073	0.021384698	-2.84867	-1.12322	-0.77988
CCDC62	0.842811073	0.021687803	-2.83954	-1.1288	-0.57645
ARG1	0.842811073	0.02172781	-2.83835	-1.12954	-0.89905
DLX4	0.842811073	0.021864383	-2.83429	-1.13203	-0.18472
MMP21	0.842811073	0.021874466	-2.83399	-1.13221	-0.17388
FIGNL1	0.842811073	0.021902239	-2.83317	-1.13271	-0.17051
B3GALT2	0.842811073	0.022348295	-2.82012	-1.14074	-0.21524
OXNAD1	0.842811073	0.02238297	-2.81911	-1.14136	-0.82397
ZPBP2	0.842811073	0.0224607	-2.81687	-1.14274	-0.70935
GPR63	0.842811073	0.022931338	-2.80346	-1.15102	-0.58254
WBSCR27	0.842811073	0.023211222	-2.79561	-1.15587	-0.58197
KLF1	0.842811073	0.023921457	-2.77614	-1.16794	-0.20003
KMO	0.842811073	0.024106377	-2.77116	-1.17103	-0.27918
TEDDM1	0.842811073	0.024156509	-2.76982	-1.17187	-2.23043
PGGT1B	0.842811073	0.024498826	-2.76074	-1.17753	-0.32628
TSPY1	0.842811073	0.024701631	-2.75542	-1.18084	-0.16036
PTTG1	0.842811073	0.02532173	-2.73942	-1.19084	-0.33808
ULK3	0.842811073	0.025328897	-2.73924	-1.19096	-0.2871
PNLDC1	0.842811073	0.026117625	-2.71948	-1.20335	-0.16215
PRPF4B	0.842811073	0.026405188	-2.71242	-1.20779	-0.50663
RGD1564124	0.842811073	0.026573721	-2.70832	-1.21037	-0.5927
NUDT1	0.842811073	0.026750256	-2.70406	-1.21306	-0.59947
UNC5C	0.842811073	0.026845098	-2.70178	-1.21449	-0.57313
LOC499602	0.842811073	0.027375594	-2.68919	-1.22245	-0.32808
MAPK11	0.842811073	0.027467984	-2.68702	-1.22382	-0.48478
METTL4	0.842811073	0.027575419	-2.68451	-1.22541	-0.21835
ACTL7A	0.842811073	0.02761867	-2.6835	-1.22605	-0.20611
UNC13C	0.842811073	0.028530031	-2.66262	-1.23929	-1.15128
DDX17	0.842811073	0.028693667	-2.65894	-1.24163	-0.80858
ADAL	0.842811073	0.028779801	-2.65702	-1.24285	-0.38148
SCN1A	0.842811073	0.028961902	-2.65296	-1.24543	-1.12936
IL3RA	0.842811073	0.029307297	-2.64535	-1.25028	-0.58131
SHPRH	0.842811073	0.029663537	-2.63758	-1.25523	-0.32038
CAPZA3	0.842811073	0.029887164	-2.63276	-1.25832	-0.61615
CDCA7	0.842811073	0.030327669	-2.62337	-1.26432	-0.28909
CDC25C	0.842811073	0.030717084	-2.61518	-1.26957	-0.34956
STAP1	0.842811073	0.031024151	-2.60879	-1.27366	-0.76025
APITD1	0.842811073	0.031058459	-2.60808	-1.27412	-0.57925
CCNL2	0.842811073	0.031396866	-2.60113	-1.27858	-0.5546
TIA1	0.842811073	0.031580123	-2.5974	-1.28098	-0.67635
CELA3B	0.842811073	0.032146439	-2.586	-1.28832	-0.12281
CD226	0.842811073	0.032324045	-2.58246	-1.2906	-0.44642
TXLNG	0.842811073	0.032405068	-2.58086	-1.29163	-0.21603
REC8	0.842811073	0.032565411	-2.57769	-1.29368	-0.15378
CCDC77	0.842811073	0.032897623	-2.57119	-1.29788	-0.3836
ALDH1A7	0.842811073	0.033347872	-2.56248	-1.30351	-0.55398

CRB1	0.842811073	0.033417317	-2.56114	-1.30437	-1.14231
TK1	0.842811073	0.033494185	-2.55967	-1.30532	-0.34545
MELK	0.842811073	0.033856068	-2.55278	-1.30978	-0.25564
ESM1	0.842811073	0.033939821	-2.5512	-1.31081	-0.4991
NODAL	0.842811073	0.034007246	-2.54993	-1.31163	-0.13063
LRRC29	0.842811073	0.034154363	-2.54716	-1.31342	-0.36887
B3GNTL1	0.842811073	0.034280886	-2.5448	-1.31496	-0.39507
LY49S6	0.842811073	0.034347054	-2.54356	-1.31576	-0.16126
ADAM1A	0.842811073	0.034663469	-2.53769	-1.31958	-0.17986
RPS19BP1	0.842811073	0.034681189	-2.53736	-1.31979	-0.34421
POLE	0.842811073	0.034995568	-2.53158	-1.32354	-0.20999
TRUB1	0.842811073	0.035312749	-2.5258	-1.3273	-0.30921
LHFPL1	0.842811073	0.036509662	-2.50447	-1.34121	-0.53324
AIFM3	0.842811073	0.036821724	-2.49902	-1.34477	-0.45128
KCTD4	0.842811073	0.037068555	-2.49474	-1.34756	-0.16046
FAM193B	0.842811073	0.03721112	-2.49229	-1.34917	-0.32564
MMP9	0.842811073	0.037233297	-2.49191	-1.34942	-0.11183
CEP70	0.842811073	0.037426904	-2.48859	-1.35159	-0.69398
LOC500594	0.842811073	0.03747498	-2.48777	-1.35213	-0.14334
TMPO	0.842811073	0.038041428	-2.47817	-1.35842	-0.58303
MLLT10	0.842811073	0.03865008	-2.46802	-1.36508	-0.3053
OGG1	0.842811073	0.038993071	-2.46237	-1.36879	-0.31328
CNTD1	0.842811073	0.039034444	-2.46169	-1.36924	-0.24933
CNR2	0.842811073	0.039161882	-2.4596	-1.37061	-0.34671
CACNA1D	0.842811073	0.039257461	-2.45805	-1.37163	-1.39818
AOX2	0.842811073	0.039329248	-2.45688	-1.3724	-0.15569
SPDL1	0.842811073	0.039694532	-2.45097	-1.37629	-0.21916
LUC7L3	0.842811073	0.0401624	-2.44347	-1.38122	-0.3979
PNMA5	0.842811073	0.04031534	-2.44104	-1.38283	-1.02495
LY49I5	0.842811073	0.040455698	-2.43882	-1.38429	-0.09176
PDZD3	0.842811073	0.04045901	-2.43877	-1.38432	-0.28667
UBE3D	0.842811073	0.040548323	-2.43736	-1.38525	-0.35913
CLK4	0.842811073	0.040555037	-2.43725	-1.38532	-0.49686
RGS6	0.842811073	0.040875709	-2.43222	-1.38865	-1.16805
RGD1309106	0.842811073	0.041308588	-2.42549	-1.39309	-0.29357
IL7	0.842811073	0.041347212	-2.42489	-1.39349	-0.8824
C8G	0.842811073	0.041407871	-2.42395	-1.39411	-0.5282
CLEC1B	0.842811073	0.041515547	-2.42229	-1.3952	-0.43832
P2RY4	0.842811073	0.041658459	-2.42009	-1.39666	-0.15928
BC1	0.842811073	0.041869183	-2.41687	-1.39879	-1.48905
TNFRSF19	0.842811073	0.042050015	-2.41411	-1.40061	-0.78041
MIR6334	0.842811073	0.042218879	-2.41155	-1.40231	-4.20195
ITPR2	0.842811073	0.042859245	-2.40193	-1.40868	-0.58917
ATP13A4	0.842811073	0.042917155	-2.40107	-1.40925	-0.82098
MBOAT1	0.842811073	0.042921455	-2.40101	-1.40929	-2.11884
RSRP1	0.842811073	0.043028115	-2.39942	-1.41034	-0.4797
OVCA2	0.842811073	0.043112306	-2.39817	-1.41117	-0.37414

B3GNT7	0.842811073	0.043425706	-2.39354	-1.41424	-1.30794
MT4	0.842811073	0.043462401	-2.393	-1.4146	-0.79349
KCNG4	0.842811073	0.04353344	-2.39196	-1.41529	-0.359
LOC499240	0.842811073	0.04362432	-2.39063	-1.41618	-0.25134
RBM26	0.842811073	0.043653148	-2.3902	-1.41646	-0.59101
MEFV	0.842811073	0.043755202	-2.38871	-1.41745	-0.33821
UBE2D4	0.842811073	0.044060594	-2.38427	-1.4204	-0.22374
FANCA	0.842811073	0.044475948	-2.37827	-1.42438	-0.48501
RLBP1	0.842811073	0.04457723	-2.37682	-1.42535	-0.17981
AXIN2	0.842811073	0.044617426	-2.37624	-1.42573	-1.14955
HEXDC	0.842811073	0.044831762	-2.37318	-1.42777	-0.59323
ERCC6	0.842811073	0.04501119	-2.37063	-1.42947	-0.19606
GP1BA	0.842811073	0.045427954	-2.36474	-1.43338	-0.18424
EDN1	0.842811073	0.045477597	-2.36404	-1.43385	-0.24308
MEIOB	0.842811073	0.04551022	-2.36358	-1.43415	-0.1221
SYT12	0.842811073	0.045773312	-2.3599	-1.43661	-0.29423
ZFP451	0.842811073	0.045791474	-2.35965	-1.43678	-0.26937
ZMYND12	0.842811073	0.045880055	-2.35841	-1.4376	-0.39289
APEX2	0.842811073	0.046247726	-2.35331	-1.441	-0.36337
CLEC2D2	0.842811073	0.046362097	-2.35174	-1.44205	-0.24788
GLUL	0.842811073	0.046819489	-2.34546	-1.44624	-1.53623
ESR2	0.842811073	0.046978723	-2.34329	-1.44768	-0.8092
NPL	0.842811073	0.047321164	-2.33865	-1.45078	-0.6702
RMND1	0.842811073	0.047836969	-2.33173	-1.45541	-0.3332
RGD1309779	0.842811073	0.048019565	-2.32929	-1.45704	-0.54334
RNF180	0.842811073	0.048112019	-2.32807	-1.45786	-2.28778
ATP6V1C2	0.842811073	0.04831539	-2.32537	-1.45966	-1.97754
MDM4	0.842811073	0.048332762	-2.32514	-1.45982	-0.25597
DEPDC1B	0.842811073	0.049621785	-2.30832	-1.47108	-0.12136

day30_DEG_0.05_EvsISUp	adj.P.Val	P.Value	t	B	logFC
ARID5A	0.842811	0.000337	5.941414	0.12213	0.458279
POLD2	0.842811	0.000739	5.270743	-0.05332	0.518639
KLF6	0.842811	0.001174	4.898776	-0.16894	0.743361
RAP2B	0.842811	0.00175	4.58967	-0.27656	0.532018
XPR1	0.842811	0.001801	4.568119	-0.28449	0.482416
BAG3	0.842811	0.002045	4.472208	-0.32045	1.216912
PLD2	0.842811	0.002236	4.405439	-0.34617	0.20677
S100A5	0.842811	0.002447	4.338481	-0.37253	0.501297
RIC3	0.842811	0.002462	4.333989	-0.37432	0.227663
EPHA2	0.842811	0.002604	4.292615	-0.39092	0.503846
CISD3	0.842811	0.002671	4.273936	-0.39849	0.427302
UBE2A	0.842811	0.002676	4.272311	-0.39916	0.463136
PEX19	0.842811	0.00299	4.191197	-0.43259	0.339617
KLF4	0.842811	0.003006	4.187383	-0.43418	0.45882
PHF2	0.842811	0.003155	4.152248	-0.44895	0.395505
PELI3	0.842811	0.003198	4.142416	-0.45312	0.279992
IL13RA1	0.842811	0.003291	4.121709	-0.46193	0.561685
AES	0.842811	0.003357	4.107457	-0.46803	0.483563
RGD1561157	0.842811	0.003844	4.010143	-0.51044	0.492072
DCTPP1	0.842811	0.003999	3.98194	-0.52298	0.618381
PPDPF	0.842811	0.004016	3.979035	-0.52427	0.453257
FAM96B	0.842811	0.004039	3.974925	-0.52611	0.551515
EDA	0.842811	0.004073	3.968974	-0.52878	0.298154
AP4S1	0.842811	0.004234	3.941424	-0.54118	0.510779
CACNA1G	0.842811	0.004283	3.933287	-0.54487	0.40682
MAB21L1	0.842811	0.004296	3.93114	-0.54584	0.420486
FOXO1	0.842811	0.004417	3.911488	-0.55479	0.522785
SEC14L1	0.842811	0.004691	3.868995	-0.57432	0.346232
P4HA1	0.842811	0.004884	3.840686	-0.58747	0.959609
IFI27L2B	0.842811	0.004935	3.833408	-0.59087	1.053824
RUNX1	0.842811	0.005295	3.784067	-0.61413	0.794685
SRF	0.842811	0.005344	3.777653	-0.61718	0.364317
HERPUD2	0.842811	0.005736	3.728424	-0.64079	0.518629
PTPN21	0.842811	0.005765	3.724921	-0.64248	0.521145
S1PR3	0.842811	0.005958	3.702103	-0.65356	0.77478
IRF2BPL	0.842811	0.005961	3.701686	-0.65376	0.453864
WSB2	0.842811	0.006027	3.694069	-0.65747	0.609951
RAMP2	0.842811	0.006086	3.687376	-0.66074	1.228643
AK3	0.842811	0.006182	3.676482	-0.66608	0.496973
NDRG3	0.842811	0.006203	3.674223	-0.66719	0.316225
TULP4	0.842811	0.006237	3.670364	-0.66909	0.456121
OSBP2	0.842811	0.006277	3.66598	-0.67124	0.420264
IER5L	0.842811	0.006307	3.662744	-0.67284	0.400715
ANXA6	0.842811	0.006316	3.661754	-0.67333	0.729896
EPS15	0.842811	0.00648	3.644097	-0.68205	0.351353
FLAD1	0.842811	0.006639	3.627386	-0.69036	0.271655

BRI3	0.842811	0.00671	3.620056	-0.69401	0.681962
CTDSP1	0.842811	0.006847	3.606196	-0.70094	0.473841
SDC4	0.842811	0.007022	3.588893	-0.70964	0.96467
PAQR4	0.842811	0.007196	3.572093	-0.71812	0.770176
CPA3	0.842811	0.007248	3.567195	-0.72061	0.785542
GPX3	0.842811	0.007272	3.5649	-0.72177	1.21238
ITGB4	0.842811	0.00732	3.560416	-0.72405	1.095655
INPP5F	0.842811	0.007346	3.557999	-0.72527	0.784202
GALNT10	0.842811	0.007678	3.527853	-0.74067	0.543531
GDE1	0.842811	0.007742	3.522167	-0.74359	0.822967
TNFRSF11A	0.842811	0.007884	3.509856	-0.74993	0.535561
TTC7B	0.842811	0.007995	3.500299	-0.75486	0.686466
ARIH1	0.842811	0.008652	3.446789	-0.78274	0.322587
SLC2A8	0.842811	0.00866	3.446157	-0.78307	0.316373
TNFRSF12A	0.842811	0.008895	3.428087	-0.79259	0.501587
NOTCH2	0.842811	0.008921	3.426124	-0.79362	0.468669
BCORL1	0.842811	0.008969	3.422501	-0.79554	0.305291
GPS2	0.842811	0.00914	3.409702	-0.80232	0.536015
FAM55B	0.842811	0.00918	3.406762	-0.80388	0.716387
EIF3E	0.842811	0.00922	3.403871	-0.80541	0.30592
HYAL1	0.842811	0.00924	3.402422	-0.80618	0.992401
AGO2	0.842811	0.009438	3.388098	-0.81382	0.361334
LATS2	0.842811	0.009444	3.387654	-0.81405	0.458014
FGF13	0.842811	0.009623	3.375058	-0.82079	1.8025
CD99	0.842811	0.009628	3.374686	-0.82099	0.648641
PLIN2	0.842811	0.009647	3.373365	-0.8217	0.690654
PPL	0.842811	0.009655	3.372851	-0.82197	0.459921
KCNMA1	0.842811	0.009672	3.37165	-0.82262	1.1812
SYT3	0.842811	0.009708	3.369125	-0.82397	0.226328
NKIRAS2	0.842811	0.009716	3.368566	-0.82427	0.640481
MAOA	0.842811	0.009784	3.363913	-0.82677	0.570221
KCTD7	0.842811	0.009904	3.355748	-0.83117	0.423834
TMEM178A	0.842811	0.009923	3.354455	-0.83186	0.194751
PTGIS	0.842811	0.010004	3.348988	-0.83481	0.470355
PPP2R2A	0.842811	0.010024	3.347602	-0.83556	0.381874
TUBB4B	0.842811	0.010105	3.342229	-0.83846	0.443175
FGFR3	0.842811	0.010178	3.33742	-0.84106	0.670202
ATP5G1	0.842811	0.01031	3.32879	-0.84574	0.754304
UGT1A3	0.842811	0.010354	3.325908	-0.84731	0.139596
MAP7D1	0.842811	0.010605	3.309907	-0.85602	0.762908
ACE	0.842811	0.010618	3.309103	-0.85646	0.703678
MYL12A	0.842811	0.01086	3.294024	-0.8647	0.472954
DCTN1	0.842811	0.011004	3.285195	-0.86955	0.434589
QSOX1	0.842811	0.011091	3.279965	-0.87242	1.181038
ENO1	0.842811	0.011219	3.272342	-0.87662	0.394978
NFATC2IP	0.842811	0.011287	3.268266	-0.87887	0.347105
PRKD3	0.842811	0.011306	3.26717	-0.87947	0.460971

DDX58	0.842811	0.01134	3.265154	-0.88058	0.362987
DYNLRB1	0.842811	0.01135	3.264582	-0.8809	0.403576
NFYB	0.842811	0.011551	3.252882	-0.88737	0.261592
NEDD4L	0.842811	0.011733	3.242506	-0.89313	0.909016
XPNPEP2	0.842811	0.011794	3.239017	-0.89507	0.127086
RPS6KA3	0.842811	0.011918	3.232094	-0.89892	0.845616
ATG2A	0.842811	0.011962	3.229623	-0.9003	0.269226
HDGF	0.842811	0.012044	3.225109	-0.90282	0.501545
IFIT1	0.842811	0.012059	3.224243	-0.9033	0.387532
SRPX2	0.842811	0.012532	3.19873	-0.91759	0.408916
SOX13	0.842811	0.012541	3.198244	-0.91787	0.207826
ZFP710	0.842811	0.012861	3.181586	-0.92725	0.248817
JMJD4	0.842811	0.012868	3.181197	-0.92747	0.252188
ZBTB20	0.842811	0.013168	3.165964	-0.93609	0.503055
STXBP5	0.842811	0.013257	3.161504	-0.93862	0.279813
PXN	0.842811	0.01326	3.161345	-0.93871	0.569852
CSNK2B	0.842811	0.013264	3.161147	-0.93882	0.366215
ATP1B1	0.842811	0.013313	3.158703	-0.94021	0.581416
TUBGCP2	0.842811	0.013444	3.15224	-0.94389	0.280753
KIF3C	0.842811	0.013709	3.139336	-0.95124	1.157065
DNAL1	0.842811	0.013768	3.136506	-0.95286	0.765289
PPP1CB	0.842811	0.013865	3.131894	-0.95549	0.619456
SYPL1	0.842811	0.013891	3.13064	-0.95621	0.468419
ATF7	0.842811	0.013948	3.127934	-0.95776	0.272003
CCNK	0.842811	0.014149	3.118514	-0.96316	0.249121
R3HDM2	0.842811	0.014266	3.113083	-0.96628	0.639746
UCHL1	0.842811	0.01432	3.110621	-0.96769	1.892768
ZMYND11	0.842811	0.01435	3.109208	-0.96851	0.293714
TCEB2	0.842811	0.014405	3.106709	-0.96994	0.396595
DUSP8	0.842811	0.014665	3.094906	-0.97675	0.828534
FOXQ1	0.842811	0.014721	3.092415	-0.97819	1.137027
DNAJB4	0.842811	0.014743	3.09143	-0.97876	0.39655
PPP1R36	0.842811	0.014789	3.08941	-0.97992	1.110409
GSTM1	0.842811	0.014796	3.089092	-0.98011	1.011242
VPS4A	0.842811	0.014839	3.087185	-0.98121	0.288016
SIK1	0.842811	0.014843	3.086999	-0.98132	1.036673
LAMTOR1	0.842811	0.014864	3.086049	-0.98187	0.381943
FEM1C	0.842811	0.014987	3.080627	-0.98501	0.230071
TLR4	0.842811	0.015049	3.077944	-0.98656	0.49243
CARM1	0.842811	0.015116	3.075008	-0.98826	0.409905
PDPN	0.842811	0.015187	3.071946	-0.99004	0.48595
OSR1	0.842811	0.015208	3.071042	-0.99057	0.671266
TMPRSS2	0.842811	0.015284	3.067733	-0.99249	1.244185
BCL9L	0.842811	0.01539	3.063225	-0.99511	0.210431
FLOT1	0.842811	0.015425	3.061704	-0.996	0.443593
CDC42	0.842811	0.015532	3.057187	-0.99863	0.379189
MRPL41	0.842811	0.015562	3.055911	-0.99937	0.320459

CWC15	0.842811	0.015644	3.052451	-1.00139	0.212964
CDKL2	0.842811	0.015687	3.050651	-1.00244	0.581717
LTBP2	0.842811	0.015749	3.04806	-1.00395	0.615217
FAM219A	0.842811	0.015968	3.039037	-1.00923	0.488919
LOC689226	0.842811	0.01619	3.029981	-1.01454	0.365848
SIX2	0.842811	0.016342	3.023869	-1.01812	0.301428
PDLIM1	0.842811	0.016421	3.020712	-1.01998	0.967065
ZFP281	0.842811	0.016426	3.020506	-1.0201	0.717879
LOC688869	0.842811	0.016437	3.020043	-1.02037	0.544128
SCNM1	0.842811	0.016439	3.019987	-1.02041	0.540058
CUTA	0.842811	0.01653	3.016353	-1.02254	0.207682
ANXA8	0.842811	0.017051	2.996068	-1.03451	1.056429
ST13	0.842811	0.017176	2.991294	-1.03734	0.40956
RGD1566320	0.842811	0.017245	2.988688	-1.03888	0.617046
PARP3	0.842811	0.017364	2.984183	-1.04155	0.781831
MMP15	0.842811	0.017373	2.983829	-1.04176	0.487433
SNF8	0.842811	0.017495	2.979281	-1.04446	0.347291
ANXA11	0.842811	0.017496	2.979244	-1.04449	0.313285
MCPT1L1	0.842811	0.017569	2.976509	-1.04611	1.101119
PTGS1	0.842811	0.017612	2.974914	-1.04706	0.475082
CHCHD4	0.842811	0.017657	2.973256	-1.04804	0.428976
UBXN1	0.842811	0.017777	2.968837	-1.05067	0.644124
SNX3	0.842811	0.018032	2.959556	-1.05621	0.459865
FLII	0.842811	0.018153	2.95516	-1.05883	0.317833
AMOTL2	0.842811	0.01823	2.952414	-1.06047	0.523416
CST3	0.842811	0.018258	2.951399	-1.06108	0.6224
NCOA2	0.842811	0.018463	2.944142	-1.06542	0.324694
ICT1	0.842811	0.018493	2.943075	-1.06606	0.302974
PDXP	0.842811	0.018586	2.939805	-1.06802	0.361217
EPN1	0.842811	0.01859	2.939669	-1.0681	0.349413
PORCN	0.842811	0.018722	2.935073	-1.07086	0.652164
FLT3LG	0.842811	0.018753	2.933982	-1.07151	0.344468
MYEOV2	0.842811	0.018757	2.933857	-1.07159	0.331234
BCAP29	0.842811	0.018855	2.930461	-1.07362	0.608356
FZD9	0.842811	0.019112	2.921655	-1.07892	0.33488
ADM2	0.842811	0.019151	2.920318	-1.07972	0.700763
SLC35D1	0.842811	0.01929	2.915598	-1.08257	0.616113
STXBP1	0.842811	0.019358	2.913332	-1.08393	0.901038
IFT57	0.842811	0.019437	2.910673	-1.08554	0.595671
PLXDC1	0.842811	0.01945	2.91022	-1.08581	0.347582
MOB2	0.842811	0.019577	2.906003	-1.08836	0.313203
RP9	0.842811	0.019621	2.904543	-1.08924	0.286415
CRYM	0.842811	0.019822	2.897906	-1.09325	0.34427
ACYP1	0.842811	0.019823	2.89789	-1.09326	0.792724
EIF2B2	0.842811	0.019893	2.895591	-1.09466	0.466363
CDC123	0.842811	0.019921	2.894676	-1.09521	0.586567
MFSD6	0.842811	0.020102	2.888792	-1.09877	0.439915

GPSM1	0.842811	0.020123	2.888123	-1.09918	0.322225
NAP1L1	0.842811	0.020196	2.885776	-1.1006	0.572068
MSN	0.842811	0.020225	2.884844	-1.10117	0.576217
CKMT1B	0.842811	0.02026	2.88372	-1.10185	1.001678
USMG5	0.842811	0.020301	2.882394	-1.10266	0.613561
JUN	0.842811	0.020342	2.88108	-1.10346	0.792852
NUDT18	0.842811	0.020411	2.878893	-1.10479	0.225917
PCBP4	0.842811	0.020418	2.878679	-1.10492	0.475926
IFIT2	0.842811	0.020514	2.875631	-1.10677	0.385217
NET1	0.842811	0.020529	2.87516	-1.10705	0.382596
PARM1	0.842811	0.020606	2.872721	-1.10854	1.836339
SERPINA11	0.842811	0.020671	2.870691	-1.10977	0.246451
STK38L	0.842811	0.020712	2.869394	-1.11056	0.355498
LOC498368	0.842811	0.020716	2.869264	-1.11064	1.345292
KRT19	0.842811	0.020846	2.865223	-1.11311	1.164895
NFIB	0.842811	0.020998	2.8605	-1.11599	0.320355
UQCRH	0.842811	0.021202	2.854224	-1.11982	0.823988
DNAJB12	0.842811	0.021292	2.851493	-1.12149	0.328585
TP53INP1	0.842811	0.021466	2.846191	-1.12473	0.922539
NDUFB10	0.842811	0.021508	2.844926	-1.12551	0.470036
RAPH1	0.842811	0.021626	2.841402	-1.12767	0.611573
RNF10	0.842811	0.02168	2.839767	-1.12867	0.536482
MVP	0.842811	0.021722	2.838519	-1.12943	0.312881
LAMA5	0.842811	0.021821	2.835589	-1.13123	0.557845
RNASE1L2	0.842811	0.021886	2.833638	-1.13243	0.239074
FOS	0.842811	0.021971	2.831154	-1.13395	0.627742
TMEM185B	0.842811	0.022134	2.826367	-1.13689	0.32414
FOXK1	0.842811	0.022153	2.825811	-1.13724	0.341619
TRIB2	0.842811	0.02228	2.822104	-1.13952	0.771393
NSMCE1	0.842811	0.022374	2.819374	-1.1412	0.320147
RPP21	0.842811	0.022386	2.819035	-1.14141	0.440935
MIR27B	0.842811	0.022473	2.816505	-1.14296	4.326444
PPP6C	0.842811	0.022485	2.81618	-1.14316	0.385041
MGRN1	0.842811	0.022537	2.814673	-1.14409	0.307786
RGD1311892	0.842811	0.022541	2.814562	-1.14416	0.489791
CUEDC1	0.842811	0.022577	2.813538	-1.14479	0.409183
STC1	0.842811	0.022649	2.811473	-1.14607	0.537385
LIMD1	0.842811	0.022743	2.808785	-1.14772	0.192135
MUM1	0.842811	0.022792	2.807408	-1.14857	0.215089
CLCN6	0.842811	0.022798	2.807231	-1.14868	0.355714
TCN2	0.842811	0.022854	2.805633	-1.14967	0.522564
TTL	0.842811	0.022863	2.805393	-1.14982	0.681438
STK40	0.842811	0.022905	2.804212	-1.15055	0.455613
ATP6V1D	0.842811	0.022912	2.803989	-1.15069	0.336147
PAQR8	0.842811	0.022922	2.803723	-1.15085	1.947009
MMP19	0.842811	0.022929	2.803515	-1.15098	0.411197
TAB2	0.842811	0.022937	2.803307	-1.15111	0.377645

RWDD1	0.842811	0.022946	2.803043	-1.15127	0.403735
MAPRE2	0.842811	0.023103	2.798642	-1.15399	0.755248
ULK2	0.842811	0.023131	2.797849	-1.15448	0.411404
LSM12	0.842811	0.02314	2.797595	-1.15464	0.288194
TM4SF19	0.842811	0.02318	2.796485	-1.15533	0.094769
TSC1	0.842811	0.023313	2.792796	-1.15761	0.303314
C1GALT1	0.842811	0.023406	2.790201	-1.15922	0.493247
CYP2S1	0.842811	0.023485	2.788038	-1.16056	0.33667
PTP4A1	0.842811	0.023646	2.783617	-1.1633	0.50394
COA5	0.842811	0.023705	2.781994	-1.1643	0.295577
TULP1	0.842811	0.023706	2.781983	-1.16431	0.14955
MAP4K5	0.842811	0.02379	2.779703	-1.16573	0.806086
DIAPH1	0.842811	0.023858	2.777862	-1.16687	0.637341
ALKBH7	0.842811	0.023883	2.777176	-1.1673	0.219219
CDK16	0.842811	0.023961	2.775057	-1.16861	0.420261
LBR	0.842811	0.024058	2.772454	-1.17023	0.429428
PPP3R1	0.842811	0.024064	2.772289	-1.17033	0.488008
AKR1C12	0.842811	0.024165	2.769607	-1.172	0.328324
NSA2	0.842811	0.024331	2.765177	-1.17476	0.369988
LOC680039	0.842811	0.024334	2.765088	-1.17482	0.505214
SIPA1L2	0.842811	0.02434	2.764931	-1.17491	0.517178
ETFB	0.842811	0.02445	2.762016	-1.17673	0.5168
RANBP6	0.842811	0.024515	2.760309	-1.17779	0.241641
MTURN	0.842811	0.024573	2.758777	-1.17875	0.557233
DIRC2	0.842811	0.024599	2.758101	-1.17917	0.552431
DMD	0.842811	0.024641	2.757014	-1.17985	0.630071
SLC10A4	0.842811	0.024659	2.756522	-1.18016	1.387162
FBXO6	0.842811	0.024865	2.75117	-1.1835	0.392061
ABHD8	0.842811	0.024875	2.750894	-1.18367	0.417867
C2CD2	0.842811	0.024888	2.750564	-1.18387	0.320014
TTC1	0.842811	0.02505	2.746374	-1.18649	0.41291
NOP10	0.842811	0.025103	2.745025	-1.18734	0.496348
SF3A2	0.842811	0.025195	2.742658	-1.18882	0.345127
LOC690871	0.842811	0.0252	2.742532	-1.1889	0.473335
FAM65A	0.842811	0.025203	2.742448	-1.18895	0.347708
RABEP1	0.842811	0.025244	2.741411	-1.1896	0.221636
UBE2M	0.842811	0.025248	2.741314	-1.18966	0.381273
TBC1D2	0.842811	0.025383	2.737863	-1.19182	0.327974
RBFOX2	0.842811	0.02547	2.735665	-1.19319	0.335723
CTGF	0.842811	0.025498	2.734938	-1.19365	0.940861
FDXR	0.842811	0.025524	2.734282	-1.19406	0.252218
TUBG1	0.842811	0.025543	2.733816	-1.19435	0.494965
GSPT2	0.842811	0.025617	2.731949	-1.19552	0.41362
COPS2	0.842811	0.025665	2.730747	-1.19628	0.339905
RAPGEF2	0.842811	0.025692	2.730052	-1.19671	0.26261
ATP5SL	0.842811	0.025889	2.725132	-1.1998	0.209027
ELMO1	0.842811	0.025927	2.72419	-1.20039	0.606323

KLF13	0.842811	0.026045	2.721282	-1.20222	0.512827
ZFP703	0.842811	0.026058	2.720949	-1.20243	0.730279
KALRN	0.842811	0.026197	2.717512	-1.20459	0.276341
CLTB	0.842811	0.026201	2.717412	-1.20465	0.582005
CHODL	0.842811	0.026304	2.714897	-1.20623	0.661812
SLC31A2	0.842811	0.026324	2.714404	-1.20654	1.074543
CAPG	0.842811	0.026338	2.714072	-1.20675	0.971163
HIGD1A	0.842811	0.026618	2.707249	-1.21105	0.568674
KAT2A	0.842811	0.026645	2.706606	-1.21145	0.225681
ABC7	0.842811	0.026763	2.703749	-1.21325	0.213754
TMEM237	0.842811	0.026768	2.70363	-1.21333	0.494807
PMM1	0.842811	0.027152	2.694474	-1.21911	0.53478
WWP1	0.842811	0.027256	2.692006	-1.22067	0.530223
VAR5	0.842811	0.027277	2.691521	-1.22097	0.218868
RHOV	0.842811	0.027376	2.68918	-1.22245	0.326228
SERF2	0.842811	0.027458	2.68725	-1.22367	0.435193
HIPK2	0.842811	0.027465	2.687094	-1.22377	0.403838
PDCD2L	0.842811	0.027544	2.685242	-1.22494	0.294791
LOC498222	0.842811	0.02781	2.67906	-1.22886	1.925354
RT1-S3	0.842811	0.027847	2.678194	-1.22941	0.402165
OCRL	0.842811	0.027883	2.677365	-1.22993	0.760263
MPZL2	0.842811	0.027934	2.676203	-1.23067	1.036685
GPM6A	0.842811	0.027986	2.674997	-1.23143	0.373592
TSC22D2	0.842811	0.028101	2.672366	-1.2331	0.379948
LPPR2	0.842811	0.028126	2.671795	-1.23346	0.247116
ZFP36L1	0.842811	0.028282	2.66824	-1.23572	0.566367
DDA1	0.842811	0.028366	2.666317	-1.23694	0.446421
CDV3	0.842811	0.028422	2.665054	-1.23774	0.444294
RADIL	0.842811	0.028473	2.663913	-1.23847	0.179909
IFIT3	0.842811	0.028498	2.663345	-1.23883	0.265461
ZFP36	0.842811	0.028517	2.662917	-1.2391	0.435127
PLSCR3	0.842811	0.028537	2.662468	-1.23939	0.360259
ETV1	0.842811	0.02856	2.661954	-1.23971	0.751343
MAP3K4	0.842811	0.028623	2.660525	-1.24062	0.345762
LURAP1	0.842811	0.028958	2.653053	-1.24537	0.372879
PLCD1	0.842811	0.028968	2.652827	-1.24552	0.607131
HAUS7	0.842811	0.02897	2.652793	-1.24554	0.456326
TPPP3	0.842811	0.029066	2.650649	-1.2469	1.055032
RGD1309079	0.842811	0.029067	2.65064	-1.24691	0.465716
MMGT1	0.842811	0.029197	2.647773	-1.24874	0.402575
PPP2R5C	0.842811	0.029249	2.646624	-1.24947	0.243393
AIMP1	0.842811	0.029282	2.6459	-1.24993	0.360615
PLAC9	0.842811	0.029316	2.645155	-1.2504	0.855428
HSD11B1	0.842811	0.029363	2.644135	-1.25106	0.591083
DDX25	0.842811	0.029529	2.640504	-1.25337	0.23067
RGL2	0.842811	0.029574	2.639537	-1.25399	0.321841
SNN	0.842811	0.02964	2.638087	-1.25491	0.402389

PCBP3	0.842811	0.029652	2.637825	-1.25508	0.642994
JOSD2	0.842811	0.029682	2.637188	-1.25549	0.502182
TPP1	0.842811	0.029684	2.63715	-1.25551	0.390891
CEP83	0.842811	0.029716	2.636439	-1.25597	0.310011
OASL	0.842811	0.029738	2.635966	-1.25627	0.211798
WISP2	0.842811	0.029764	2.635423	-1.25661	0.328359
HEATR6	0.842811	0.029863	2.633287	-1.25798	0.189394
CHORDC1	0.842811	0.029967	2.631045	-1.25941	0.517883
MYH10	0.842811	0.030017	2.629969	-1.2601	0.308337
F3	0.842811	0.03022	2.625654	-1.26286	0.659726
SLC35E3	0.842811	0.030242	2.625185	-1.26316	0.447993
KARS	0.842811	0.030282	2.624329	-1.26371	0.409674
MINOS1	0.842811	0.030361	2.622657	-1.26478	0.343617
RUFY3	0.842811	0.030364	2.622587	-1.26482	0.310563
PFDN6	0.842811	0.030407	2.621679	-1.2654	0.400502
USP18	0.842811	0.0306	2.617631	-1.268	0.634263
AP2M1	0.842811	0.03062	2.617201	-1.26827	0.352231
FRMD8	0.842811	0.030666	2.616247	-1.26888	0.432951
CLN3	0.842811	0.030671	2.616131	-1.26896	0.657523
DUSP7	0.842811	0.030774	2.613984	-1.27033	0.749823
JUP	0.842811	0.030905	2.61126	-1.27208	0.595097
QDPR	0.842811	0.031023	2.608809	-1.27365	0.338605
PSMD12	0.842811	0.031037	2.608536	-1.27383	0.394775
IFI35	0.842811	0.031038	2.608504	-1.27385	0.334152
XPNPEP3	0.842811	0.031163	2.605926	-1.2755	0.239351
LOC497940	0.842811	0.031185	2.60548	-1.27579	0.244166
YBX3	0.842811	0.031255	2.604045	-1.27671	0.707486
FOSL2	0.842811	0.031289	2.603341	-1.27716	1.00317
NUMBL	0.842811	0.031344	2.60221	-1.27789	0.50792
ATXN1	0.842811	0.031596	2.597083	-1.28119	0.432186
LHFPL2	0.842811	0.031621	2.596564	-1.28152	1.314312
MSANTD4	0.842811	0.031678	2.595422	-1.28225	0.281327
MXD1	0.842811	0.031687	2.59523	-1.28238	0.386143
PATE4	0.842811	0.031932	2.590293	-1.28556	2.576225
BACH1	0.842811	0.031963	2.589665	-1.28596	0.258813
ATP5H	0.842811	0.032051	2.587903	-1.28709	0.53881
CAPN2	0.842811	0.032119	2.586535	-1.28798	0.532564
IFT80	0.842811	0.032251	2.583925	-1.28966	0.296201
CLEC2G	0.842811	0.032381	2.581342	-1.29132	0.833793
CAB39	0.842811	0.032475	2.579476	-1.29253	0.435278
EFCAB14	0.842811	0.032505	2.578894	-1.2929	0.288077
FDX1L	0.842811	0.032692	2.575201	-1.29528	0.332044
CTSF	0.842811	0.032833	2.572447	-1.29706	0.513788
TMX4	0.842811	0.032863	2.57187	-1.29743	0.374643
AARSD1	0.842811	0.032901	2.571114	-1.29792	0.269381
WNT5B	0.842811	0.032973	2.569726	-1.29882	0.28159
AKAP7	0.842811	0.033021	2.568797	-1.29942	0.462018

UBE2G2	0.842811	0.033037	2.568477	-1.29963	0.379109
BAG1	0.842811	0.033069	2.567863	-1.30002	0.811149
CFH	0.842811	0.033189	2.565531	-1.30153	0.698979
MAP2K4	0.842811	0.033254	2.564286	-1.30234	0.504857
FUNDC2	0.842811	0.033277	2.563834	-1.30263	0.767354
RGD1311703	0.842811	0.033323	2.562954	-1.3032	0.362718
TBC1D24	0.842811	0.033326	2.562892	-1.30324	0.234877
NR3C2	0.842811	0.033331	2.562806	-1.30329	0.971477
MAFF	0.842811	0.03345	2.560519	-1.30477	0.352906
NFIC	0.842811	0.033607	2.55751	-1.30672	0.715318
HFE	0.842811	0.033762	2.554563	-1.30863	0.429724
MED21	0.842811	0.033959	2.550847	-1.31104	0.418895
PPM1K	0.842811	0.034135	2.547532	-1.31319	0.28907
MAPRE3	0.842811	0.034345	2.543594	-1.31574	0.823803
RND3	0.842811	0.03437	2.543139	-1.31604	0.648465
TMEM184B	0.842811	0.034388	2.542798	-1.31626	0.239648
PCDHGA3	0.842811	0.034489	2.540922	-1.31747	0.188035
MAP3K1	0.842811	0.034578	2.539265	-1.31855	0.21299
NDUFA4	0.842811	0.034611	2.538665	-1.31894	0.357499
DUSP10	0.842811	0.034632	2.538265	-1.3192	1.424033
DUSP18	0.842811	0.034811	2.534971	-1.32134	0.292119
DOC2A	0.842811	0.03492	2.532965	-1.32264	0.182906
RFK	0.842811	0.035175	2.528307	-1.32567	0.320195
KLHDC8B	0.842811	0.035242	2.527095	-1.32646	0.698807
EIF3J	0.842811	0.03546	2.523131	-1.32904	0.46193
TMED1	0.842811	0.035473	2.522906	-1.32919	0.378391
RANBP10	0.842811	0.035478	2.522809	-1.32925	0.18917
TPT1	0.842811	0.035565	2.521251	-1.33027	0.386468
TAF12	0.842811	0.035598	2.520652	-1.33066	0.461849
ADGRL3	0.842811	0.035631	2.520057	-1.33104	0.39936
ARHGEF12	0.842811	0.035649	2.519741	-1.33125	0.252574
NRD1	0.842811	0.035671	2.519348	-1.33151	0.342821
PSMB7	0.842811	0.035679	2.519198	-1.3316	0.465761
OAS3	0.842811	0.035823	2.516621	-1.33328	0.154135
SZRD1	0.842811	0.035826	2.516557	-1.33332	0.246311
SLC35A4	0.842811	0.035975	2.513915	-1.33505	0.275571
STUB1	0.842811	0.036162	2.510586	-1.33722	0.336675
ATF3	0.842811	0.036182	2.51024	-1.33744	0.796414
SOCS6	0.842811	0.036295	2.508233	-1.33875	0.332541
DENND5A	0.842811	0.036428	2.505907	-1.34027	0.37471
VPS28	0.842811	0.036483	2.504935	-1.34091	0.340617
GIF	0.842811	0.036509	2.504481	-1.3412	0.145299
GAA	0.842811	0.036612	2.502674	-1.34238	0.308653
GKAP1	0.842811	0.036665	2.50175	-1.34299	0.276522
LACTB2	0.842811	0.036682	2.501459	-1.34318	0.556483
ATP5J2	0.842811	0.036805	2.499302	-1.34459	0.491517
COPS7A	0.842811	0.036862	2.498315	-1.34523	0.30395

MOGAT1	0.842811	0.036934	2.497075	-1.34604	0.123428	
EIF4G3	0.842811	0.036984	2.496211	-1.34661	0.282125	
SGTB	0.842811	0.037075	2.494631	-1.34764	0.639658	
SOAT1	0.842811	0.037113	2.493983	-1.34806	0.593258	
LAMB3	0.842811	0.037218	2.492165	-1.34925	0.338946	
ALKBH5	0.842811	0.037372	2.489535	-1.35097	0.339146	
CCPG1OS	0.842811	0.037485	2.487589	-1.35225	0.479602	
HOXD9	0.842811	0.037536	2.486725	-1.35281	0.45618	
POLB	0.842811	0.037662	2.484584	-1.35421	0.238686	
DNM1	0.842811	0.037886	2.480795	-1.3567	0.63221	
WFS1	0.842811	0.0379	2.480559	-1.35685	0.354009	
PARD3	0.842811	0.037936	2.479937	-1.35726	0.539401	
RGL1	0.842811	0.03808	2.477515	-1.35885	0.551615	
HRAS	0.842811	0.038325	2.473419	-1.36153	0.557533	
FAM134B	0.842811	0.038351	2.472979	-1.36182	0.857523	
SLC35B4	0.842811	0.038358	2.472877	-1.36189	0.222994	
IGFBP4	0.842811	0.038548	2.469715	-1.36396	0.612847	
CLMN	0.842811	0.038551	2.469656	-1.364	0.58108	
AIP	0.842811	0.038643	2.468143	-1.365	0.375066	
NUP85	0.842811	0.038735	2.466619	-1.366	0.270744	
TRAK2	0.842811	0.038906	2.463791	-1.36786	0.571848	
POLR3K	0.842811	0.039019	2.461946	-1.36907	0.434592	
RGD1560394	0.842811	0.039021	2.461905	-1.36909	0.233588	
HMGCS1	0.842811	0.03905	2.461441	-1.3694	1.547738	
FAM102B	0.842811	0.039152	2.45977	-1.3705	0.321964	
TNFSF12	0.842811	0.03931	2.457186	-1.3722	0.51537	
PAM16	0.842811	0.039351	2.45652	-1.37263	0.363588	
YPEL3	0.842811	0.039403	2.455679	-1.37319	0.491264	
MID1	0.842811	0.039434	2.455172	-1.37352	1.082293	
PCLO	0.842811	0.0395	2.454105	-1.37422	0.209556	
	5-Mar	0.842811	0.03951	2.453942	-1.37433	0.230427
CHRD2	0.842811	0.039538	2.453494	-1.37463	0.316145	
TSPAN3	0.842811	0.039615	2.452246	-1.37545	0.599724	
BMI1	0.842811	0.039653	2.45163	-1.37585	0.390046	
RALBP1	0.842811	0.039671	2.451341	-1.37604	0.373015	
CELF2	0.842811	0.0397	2.450874	-1.37635	0.442525	
DTX4	0.842811	0.039764	2.449849	-1.37702	0.45078	
CAPZA2	0.842811	0.039834	2.448719	-1.37777	0.461023	
SPRYD7	0.842811	0.039864	2.448244	-1.37808	0.584203	
TOMM40L	0.842811	0.039867	2.448188	-1.37812	0.519849	
U2AF1L4	0.842811	0.039917	2.447391	-1.37864	0.330584	
THSD7A	0.842811	0.039969	2.446557	-1.37919	0.485152	
ADAMTS3	0.842811	0.040053	2.445217	-1.38008	0.168651	
RTP4	0.842811	0.040059	2.445121	-1.38014	0.359422	
SNRPC	0.842811	0.040065	2.445027	-1.3802	0.244217	
PRIMA1	0.842811	0.040322	2.440945	-1.38289	0.451625	
CLN8	0.842811	0.040527	2.437691	-1.38504	0.362911	

LRRC58	0.842811	0.040642	2.435887	-1.38623	0.289197
ZBTB4	0.842811	0.040685	2.435205	-1.38668	0.28533
PLEC	0.842811	0.04073	2.434508	-1.38714	0.770282
R3HDM4	0.842811	0.040997	2.430321	-1.3899	0.221685
PLK3	0.842811	0.041082	2.429004	-1.39077	0.327637
MST1R	0.842811	0.041127	2.428306	-1.39123	0.251491
TUFM	0.842811	0.041178	2.427513	-1.39175	0.431033
PCYT1A	0.842811	0.041252	2.426369	-1.39251	0.526566
PPP1R15A	0.842811	0.041265	2.426161	-1.39265	0.388174
RAB10	0.842811	0.041409	2.423941	-1.39411	0.745416
TIMM44	0.842811	0.041417	2.423806	-1.3942	0.296442
TSPYL1	0.842811	0.041762	2.418515	-1.3977	0.274823
ANXA1	0.842811	0.041828	2.417498	-1.39837	0.698128
LOC302022	0.842811	0.04193	2.415941	-1.3994	0.641769
PKNOX1	0.842811	0.04211	2.413205	-1.40121	0.486432
RB1CC1	0.842811	0.042186	2.412054	-1.40197	0.295009
ZFP667	0.842811	0.042307	2.410225	-1.40318	0.602203
RCAN1	0.842811	0.042493	2.407422	-1.40504	0.683584
SERINC1	0.842811	0.042532	2.406837	-1.40543	0.416023
AK4	0.842811	0.042726	2.403916	-1.40736	0.410596
CMPK2	0.842811	0.042818	2.402543	-1.40827	0.295587
ATP5D	0.842811	0.042847	2.402118	-1.40855	0.580513
KCNN1	0.842811	0.042886	2.40154	-1.40894	0.3035
MTRF1L	0.842811	0.042936	2.400784	-1.40944	0.223158
CCK	0.842811	0.042989	2.399998	-1.40996	0.520133
SRXN1	0.842811	0.04304	2.399242	-1.41046	0.791915
DFNA5	0.842811	0.043137	2.397811	-1.41141	0.169362
LMF2	0.842811	0.043153	2.397572	-1.41157	0.292095
NUTF2	0.842811	0.043281	2.395681	-1.41282	0.329801
BRD3	0.842811	0.043407	2.393815	-1.41406	0.243521
CLDN6	0.842811	0.043549	2.391737	-1.41544	0.927322
TMSB4X	0.842811	0.043655	2.390175	-1.41648	0.593378
RAB26	0.842811	0.043694	2.389604	-1.41685	1.643004
MAPKAPK2	0.842811	0.043766	2.388556	-1.41755	0.502409
CCT8	0.842811	0.043842	2.387448	-1.41829	0.341133
ARL5A	0.842811	0.044002	2.385123	-1.41983	0.430674
KIAA0408	0.842811	0.044013	2.384962	-1.41994	0.939177
RAB22A	0.842811	0.044106	2.383615	-1.42083	0.144346
FBXO27	0.842811	0.044108	2.383579	-1.42085	0.27695
FGF14	0.842811	0.044169	2.382704	-1.42144	0.406552
COX19	0.842811	0.044182	2.382504	-1.42157	0.389261
ZFP483	0.842811	0.044264	2.381321	-1.42236	1.223086
GADD45GIP1	0.842811	0.044399	2.379377	-1.42365	0.287653
IFNGR2	0.842811	0.044586	2.376688	-1.42543	0.487633
STARD13	0.842811	0.044654	2.375724	-1.42608	0.282666
PTPN11	0.842811	0.044992	2.370905	-1.42928	0.353969
MRPL14	0.842811	0.045241	2.367381	-1.43163	0.337593

POLR2M	0.842811	0.045376	2.36547	-1.4329	0.405812
RUNX1T1	0.842811	0.04543	2.36471	-1.43341	0.310627
ERAL1	0.842811	0.045457	2.364327	-1.43366	0.278164
BST2	0.842811	0.045597	2.362373	-1.43496	0.967844
FOXO4	0.842811	0.045615	2.362116	-1.43513	0.581073
DCUN1D1	0.842811	0.045646	2.361679	-1.43542	0.249842
NDUFB4	0.842811	0.04567	2.361352	-1.43564	0.546396
CAMK2D	0.842811	0.045705	2.360858	-1.43597	0.529661
ARIH2	0.842811	0.045712	2.360764	-1.43603	0.303206
PCDHGA2	0.842811	0.045828	2.359139	-1.43712	0.231252
TIMM8B	0.842811	0.045871	2.358538	-1.43752	0.360453
CABP7	0.842811	0.046128	2.354974	-1.43989	0.160308
CCDC124	0.842811	0.046296	2.352643	-1.44145	0.442371
SRGAP2	0.842811	0.046306	2.352509	-1.44154	0.27747
CAR5B	0.842811	0.046641	2.347901	-1.44461	0.694504
FXYD3	0.842811	0.046687	2.347273	-1.44503	1.669211
PSMB5	0.842811	0.04673	2.346681	-1.44542	0.401099
HR	0.842811	0.046742	2.346523	-1.44553	0.27009
NOMO1	0.842811	0.046768	2.346168	-1.44577	0.619658
ABHD3	0.842811	0.046858	2.344931	-1.44659	0.624771
DHCR24	0.842811	0.046939	2.343837	-1.44732	1.647705
SLC12A2	0.842811	0.046978	2.343298	-1.44768	1.520911
RC3H2	0.842811	0.047078	2.341947	-1.44858	0.202652
TLE4	0.842811	0.047119	2.341392	-1.44895	0.287702
VEZT	0.842811	0.047443	2.337016	-1.45188	0.454521
MRPL3	0.842811	0.04746	2.336784	-1.45203	0.303725
LOC688459	0.842811	0.047531	2.335827	-1.45267	0.206809
DAB2IP	0.842811	0.047556	2.335489	-1.4529	0.514204
BAP1	0.842811	0.047568	2.335333	-1.453	0.438902
CSNK1E	0.842811	0.047608	2.334792	-1.45336	0.481801
LGI3	0.842811	0.047767	2.332657	-1.45479	0.391017
ENTPD3	0.842811	0.047834	2.331769	-1.45538	0.384823
CCDC117	0.842811	0.04784	2.33169	-1.45544	0.385875
PLEKHA1	0.842811	0.047844	2.331636	-1.45547	0.321594
FXYD7	0.842811	0.048073	2.328584	-1.45751	0.794515
ZFP382	0.842811	0.048086	2.328415	-1.45763	0.238349
EEA1	0.842811	0.048087	2.328398	-1.45764	0.421966
TREX1	0.842811	0.048229	2.326513	-1.4589	0.271795
LGMN	0.842811	0.048255	2.326168	-1.45913	0.428028
LSM2	0.842811	0.048277	2.325874	-1.45933	0.463714
MKNK2	0.842811	0.048281	2.325821	-1.45936	0.674161
RHOB	0.842811	0.048533	2.322495	-1.46159	0.375664
NDST1	0.842811	0.048633	2.321183	-1.46246	0.381699
ABCA5	0.842811	0.048721	2.320034	-1.46323	0.320287
TMEM50B	0.842811	0.048796	2.319042	-1.4639	0.34654
CNP	0.842811	0.048882	2.317916	-1.46465	0.556017
GSTP1	0.842811	0.048928	2.317315	-1.46505	0.337848

CD63	0.842811	0.048975	2.316708	-1.46546	0.706548
ZFP39	0.842811	0.048979	2.316653	-1.4655	0.175107
IRX3	0.842811	0.049022	2.316089	-1.46588	0.762697
JAK1	0.842811	0.049026	2.316043	-1.46591	0.279465
APLP1	0.842811	0.049104	2.31503	-1.46658	0.653312
WDR44	0.842811	0.049192	2.313876	-1.46736	0.595857
RGS2	0.842811	0.049291	2.312603	-1.46821	1.182613
LOC686120	0.842811	0.049316	2.312275	-1.46843	1.077243
TPM3	0.842811	0.049364	2.311655	-1.46885	0.350325
AKAP1	0.842811	0.049418	2.310955	-1.46931	0.832188
ACKR2	0.842811	0.049433	2.310765	-1.46944	0.364701
NMI	0.842811	0.049437	2.310703	-1.46948	0.391397
LSM4	0.842811	0.049668	2.307735	-1.47147	0.384068
ARNTL	0.842811	0.049746	2.306721	-1.47215	0.259467
VAPA	0.842811	0.049867	2.305171	-1.47319	0.266034
PNRC1	0.842811	0.049871	2.30512	-1.47323	0.397234
FOXJ3	0.842811	0.049918	2.304518	-1.47363	0.17542
LRP5	0.842811	0.049974	2.303801	-1.47411	0.20885

day1_DEG_0.05_EvsISOdown	adj.P.Val	P.Value	t	B	logFC
MIR27B	0.191797	1.30E-05	-70.9208	-1.60033	-6.51269
MFS2A	1	0.000415	-20.3442	-1.60653	-4.0597
GATA3	1	0.000467	-19.4936	-1.60713	-4.42648
ALDOC	1	0.00078	-16.1938	-1.61039	-2.01466
SMPX	1	0.001063	-14.4719	-1.61302	-4.94259
LRCOL1	1	0.001206	-13.8198	-1.61428	-1.78931
MGC116197	1	0.001462	-12.8849	-1.61641	-1.23588
FAXC	1	0.001488	-12.8013	-1.61663	-1.15758
CHRM2	1	0.0019	-11.7088	-1.61984	-2.28631
DES2	1	0.002733	-10.2498	-1.62576	-0.89375
RBFOX3	1	0.002802	-10.1557	-1.62622	-1.10228
RUNDC3A	1	0.002903	-10.0245	-1.6269	-0.7428
CACNA1A	1	0.002985	-9.92242	-1.62744	-0.82051
SRY	1	0.00306	-9.83219	-1.62793	-0.75092
POPDC2	1	0.003383	-9.4758	-1.63001	-0.89079
GGT1	1	0.003469	-9.38838	-1.63055	-2.37629
ISL1	1	0.004223	-8.73066	-1.63515	-0.91063
NPM1	1	0.004289	-8.6811	-1.63554	-0.71882
LOC500877	1	0.004457	-8.55801	-1.63653	-1.1406
TFAP2C	1	0.004483	-8.54001	-1.63668	-0.75096
SGK1	1	0.00462	-8.44513	-1.63747	-2.83336
LOC100911367	1	0.004712	-8.38332	-1.638	-1.56151
BRSK1	1	0.004906	-8.25903	-1.6391	-0.76551
ITGB8	1	0.005072	-8.15782	-1.64004	-1.32381
RYR2	1	0.005103	-8.13923	-1.64021	-0.76908
FGF14	1	0.005154	-8.1091	-1.6405	-0.61047
MYCL	1	0.005471	-7.93119	-1.64225	-1.91107
ADAMTS19	1	0.005631	-7.84629	-1.64312	-2.16779
ABLIM2	1	0.005853	-7.7341	-1.64432	-0.64698
CTNND2	1	0.005992	-7.66647	-1.64506	-0.68523
HIST3H2BA	1	0.006057	-7.63582	-1.6454	-0.57402
NCS1	1	0.006148	-7.59369	-1.64588	-0.90774
FLNC	1	0.006313	-7.5187	-1.64675	-2.05221
ZWINT	1	0.006342	-7.50607	-1.6469	-3.12516
CD52	1	0.006549	-7.41625	-1.64798	-8.38043
TP63	1	0.006867	-7.28601	-1.64961	-1.08095
CLDN17	1	0.007012	-7.22893	-1.65035	-0.77676
GDF7	1	0.007196	-7.15912	-1.65128	-2.38954
RGD1305928	1	0.007264	-7.13397	-1.65162	-1.83326
TPM1	1	0.007316	-7.115	-1.65188	-1.94369
KERA	1	0.007552	-7.03065	-1.65305	-0.73036
HIST1H2AN	1	0.007555	-7.02952	-1.65307	-0.66159
LOC100366054	1	0.007891	-6.91569	-1.65472	-0.57911
FGF9	1	0.007941	-6.89918	-1.65496	-0.61347
PCDH9	1	0.00832	-6.77918	-1.65679	-0.54382
PPP1R12A	1	0.008681	-6.67137	-1.65852	-1.24888

WDR92	1	0.008738	-6.65496	-1.65878	-0.82353
HHIP	1	0.008848	-6.6237	-1.6593	-1.16209
MYO5B	1	0.008922	-6.60287	-1.65965	-1.51469
ACTN1	1	0.009437	-6.46413	-1.66205	-1.292
PACSIN1	1	0.00948	-6.45297	-1.66224	-0.47426
P2RX2	1	0.009517	-6.44346	-1.66241	-0.59297
DGKI	1	0.00989	-6.35038	-1.66412	-0.84144
NRN1	1	0.010001	-6.3235	-1.66462	-1.94654
CGNL1	1	0.010321	-6.24833	-1.66606	-1.79198
LRRTM2	1	0.010414	-6.22715	-1.66647	-0.56459
AMER1	1	0.010477	-6.21282	-1.66676	-1.1151
CAR14	1	0.010509	-6.20571	-1.6669	-1.53631
WFDC18	1	0.010684	-6.16679	-1.66767	-8.70094
PRRT2	1	0.010756	-6.15125	-1.66799	-0.91339
RIMS1	1	0.011059	-6.08639	-1.66932	-0.49245
MYOC	1	0.011171	-6.06304	-1.66981	-1.54413
TENM2	1	0.011255	-6.04575	-1.67018	-0.62897
NFASC	1	0.011322	-6.03218	-1.67047	-1.04113
FAM115E	1	0.011767	-5.9441	-1.67239	-6.62899
CTPS1	1	0.012095	-5.88195	-1.67379	-0.54643
FGF11	1	0.012116	-5.878	-1.67388	-0.63258
SEMA4D	1	0.012323	-5.84015	-1.67475	-0.75543
PLCXD2	1	0.012599	-5.7908	-1.67591	-0.65917
SYT9	1	0.012956	-5.7291	-1.6774	-2.45106
PPP1R14C	1	0.013012	-5.71962	-1.67764	-1.08197
MIR143	1	0.013135	-5.69897	-1.67815	-7.05645
EME1	1	0.01316	-5.69494	-1.67825	-0.42802
NIPAL1	1	0.013201	-5.6881	-1.67842	-2.75925
CPA6	1	0.013273	-5.67625	-1.67871	-0.77822
PPAP2A	1	0.013609	-5.62205	-1.68009	-0.73609
IFT57	1	0.013695	-5.60843	-1.68044	-0.55768
FCGBP	1	0.013803	-5.59151	-1.68088	-5.92506
LOC498675	1	0.013848	-5.5844	-1.68107	-0.58719
CNKSR2	1	0.01385	-5.58415	-1.68107	-0.84017
FOXQ1	1	0.013888	-5.57826	-1.68123	-1.24597
CCL21	1	0.014226	-5.52679	-1.68259	-2.9474
ERI2	1	0.014317	-5.51325	-1.68296	-1.12359
STK26	1	0.014419	-5.49822	-1.68337	-0.43025
TNFRSF11A	1	0.014453	-5.49326	-1.6835	-0.76291
GOT1	1	0.014788	-5.44487	-1.68484	-1.3058
SERPINB1A	1	0.014841	-5.43743	-1.68505	-5.83575
DGKG	1	0.015054	-5.40746	-1.68589	-0.80022
TENM3	1	0.015085	-5.40317	-1.68601	-0.68636
HAVCR1	1	0.015556	-5.3394	-1.68786	-5.11319
LMLN	1	0.015707	-5.3194	-1.68845	-0.60295
HAUS7	1	0.015791	-5.3085	-1.68877	-0.60199
TUBA8	1	0.016373	-5.23448	-1.69102	-2.2683

LOC500124	1	0.016525	-5.21573	-1.6916	-0.48873
ABCG4	1	0.016895	-5.17098	-1.69301	-1.5605
EDAR	1	0.016904	-5.16993	-1.69305	-0.53928
SLC7A5	1	0.017486	-5.10224	-1.69524	-2.04671
DBIL5	1	0.017556	-5.09431	-1.6955	-0.53199
CCDC104	1	0.017738	-5.07385	-1.69618	-0.47526
PLEKHS1	1	0.018188	-5.02455	-1.69785	-4.05831
LXN	1	0.018453	-4.99622	-1.69883	-0.93395
ZFP444	1	0.018486	-4.9927	-1.69895	-0.64679
LPAR3	1	0.018501	-4.99113	-1.69901	-1.63016
PLCG2	1	0.018835	-4.95634	-1.70023	-0.98834
ATOH8	1	0.019412	-4.89811	-1.70233	-1.33935
ANKRD22	1	0.019622	-4.87748	-1.70308	-3.35398
KLHL29	1	0.02006	-4.83535	-1.70466	-0.64991
GRIA4	1	0.020132	-4.82856	-1.70491	-0.60274
WNT6	1	0.020407	-4.80288	-1.70589	-0.43827
MYH10	1	0.020408	-4.80272	-1.7059	-0.3895
PRRG2	1	0.020481	-4.79599	-1.70616	-0.51057
EIF5B	1	0.020777	-4.76901	-1.7072	-0.47555
NCDN	1	0.02087	-4.76061	-1.70753	-0.73256
CPD	1	0.020946	-4.75384	-1.7078	-0.75869
PASK	1	0.020954	-4.75309	-1.70783	-1.76615
GPSM2	1	0.021064	-4.74332	-1.70821	-1.26617
LOC100294508	1	0.02143	-4.71114	-1.70949	-0.44201
ADAM9	1	0.021617	-4.69506	-1.71014	-1.00592
ADAT2	1	0.022247	-4.642	-1.71233	-0.73613
LOC690806	1	0.022328	-4.63534	-1.7126	-0.81943
SLC26A3	1	0.022456	-4.6249	-1.71304	-1.98796
ITGB1BP2	1	0.022537	-4.61829	-1.71332	-1.15271
ZFYVE19	1	0.022809	-4.59636	-1.71425	-0.35666
PRDX6	1	0.022991	-4.58191	-1.71487	-1.53714
SLC16A3	1	0.023076	-4.57517	-1.71516	-3.32993
PEX3	1	0.023251	-4.56147	-1.71576	-0.39635
PGAP1	1	0.023299	-4.55779	-1.71592	-0.73316
BASP1	1	0.023416	-4.54873	-1.71631	-2.35043
MYH11	1	0.023451	-4.54603	-1.71643	-2.69308
BIRC3	1	0.023554	-4.53814	-1.71678	-1.49719
PRKAR1B	1	0.023763	-4.52222	-1.71748	-0.9261
MPZ	1	0.024239	-4.48665	-1.71908	-3.2566
LOC100158225	1	0.024375	-4.47664	-1.71953	-0.49435
NFXL1	1	0.024462	-4.47032	-1.71982	-0.94942
APOD	1	0.024634	-4.45785	-1.72039	-3.03008
TMEM184A	1	0.025424	-4.40201	-1.723	-1.40756
SLC1A4	1	0.025539	-4.39406	-1.72338	-0.96744
PLXDC1	1	0.025555	-4.39301	-1.72343	-0.45203
STAMBPL1	1	0.025674	-4.3848	-1.72382	-2.3005
ACTG2	1	0.025946	-4.36633	-1.72471	-2.79537

PAK3	1	0.02603	-4.36068	-1.72498	-0.6349
KRT23	1	0.026055	-4.35903	-1.72506	-1.59544
NRADD	1	0.026095	-4.35634	-1.72519	-0.51059
LPCAT2	1	0.026172	-4.35124	-1.72544	-1.46716
IFITM2	1	0.026291	-4.34333	-1.72583	-0.32352
GOLGA4	1	0.026294	-4.34312	-1.72584	-0.58394
AKTIP	1	0.026844	-4.30723	-1.72761	-1.25952
FAM83B	1	0.027139	-4.28833	-1.72856	-0.81946
DBNDD2	1	0.027191	-4.28504	-1.72872	-0.85297
ANGPTL3	1	0.027336	-4.27591	-1.72919	-0.4298
ITGB6	1	0.027388	-4.27261	-1.72935	-0.68158
NXN	1	0.027698	-4.25335	-1.73034	-1.02622
DES	1	0.027789	-4.2477	-1.73063	-2.3298
MMGT2	1	0.027899	-4.24096	-1.73098	-0.83705
SH3BGR	1	0.028098	-4.22884	-1.73161	-2.5217
PPM1J	1	0.028174	-4.22423	-1.73185	-0.69368
PGP	1	0.0282	-4.22268	-1.73193	-0.82197
CD3EAP	1	0.028206	-4.22227	-1.73195	-0.39863
H6PD	1	0.02876	-4.18927	-1.73369	-0.4932
RASL10A	1	0.028891	-4.1816	-1.7341	-1.41499
MRPS28	1	0.02891	-4.18053	-1.73416	-0.42178
RNF148	1	0.029203	-4.16349	-1.73508	-0.55072
BTC	1	0.029285	-4.1588	-1.73533	-1.04701
LOC100912083	1	0.029305	-4.15761	-1.7354	-0.59146
ARHGAP26	1	0.029544	-4.144	-1.73614	-2.064
NEXN	1	0.029663	-4.13727	-1.7365	-2.0382
FAM83F	1	0.029699	-4.13525	-1.73662	-1.08384
ZRSR1	1	0.030064	-4.11484	-1.73774	-0.34063
MGAT5	1	0.030141	-4.11057	-1.73798	-3.36217
STOX2	1	0.030301	-4.10173	-1.73847	-0.69986
LENEP	1	0.030389	-4.0969	-1.73874	-0.46366
MAP1A	1	0.03052	-4.08977	-1.73915	-1.19473
FEZ1	1	0.030578	-4.08661	-1.73932	-2.25071
CCL20	1	0.030655	-4.08247	-1.73956	-0.8675
NAGLT1	1	0.030873	-4.07069	-1.74023	-0.31977
PKMYT1	1	0.030887	-4.06998	-1.74027	-0.30643
TPM2	1	0.031136	-4.0567	-1.74103	-2.95238
NDE1	1	0.031144	-4.05627	-1.74105	-0.64469
KCNN2	1	0.031405	-4.04255	-1.74184	-0.36497
PCDHGA1	1	0.031435	-4.04098	-1.74193	-0.37436
MSX1	1	0.031554	-4.03475	-1.74229	-0.63614
CLDN19	1	0.031558	-4.03454	-1.74231	-0.49304
LINGO4	1	0.031918	-4.01592	-1.74339	-0.91763
PARD6B	1	0.0323	-3.9965	-1.74454	-0.58123
ASIC2	1	0.03236	-3.99346	-1.74472	-0.572
VAMP1	1	0.032458	-3.98853	-1.74502	-0.85777
NPFF	1	0.032708	-3.97608	-1.74576	-0.69796

ARL4D	1	0.032715	-3.97574	-1.74578	-1.98469
F2RL1	1	0.03275	-3.97398	-1.74589	-0.4518
EARS2	1	0.032851	-3.96901	-1.74619	-0.37203
MYOCD	1	0.032936	-3.96482	-1.74644	-1.0578
SORCS1	1	0.033002	-3.96157	-1.74664	-0.85206
LOC688765	1	0.033187	-3.95252	-1.74719	-0.3013
CTSE	1	0.03355	-3.93495	-1.74826	-4.84679
SH3BGRL3	1	0.033592	-3.93291	-1.74839	-3.87733
GATA2	1	0.033834	-3.92138	-1.7491	-2.66828
KLRC3	1	0.033898	-3.91835	-1.74929	-0.51063
FAM110A	1	0.034293	-3.89979	-1.75045	-0.70595
KRT17	1	0.034759	-3.8782	-1.75181	-0.85448
PIK3R3	1	0.035062	-3.86439	-1.75269	-1.71453
PLSCR2	1	0.0352	-3.85816	-1.75309	-2.37412
ASB2	1	0.035294	-3.85391	-1.75337	-1.77903
KIF16B	1	0.03584	-3.82963	-1.75495	-0.34035
PPFIA4	1	0.035863	-3.82861	-1.75501	-0.28278
CNN1	1	0.035865	-3.82855	-1.75502	-2.24249
SLC2A12	1	0.036003	-3.82247	-1.75541	-0.65872
CTNS	1	0.036085	-3.8189	-1.75565	-0.68196
ACPT	1	0.036275	-3.81064	-1.75619	-0.2802
SUSD2	1	0.036528	-3.79971	-1.75692	-1.17575
RPL37A	1	0.036911	-3.78337	-1.75801	-5.79153
LG14	1	0.036988	-3.78011	-1.75823	-0.8709
HPGD	1	0.037081	-3.77619	-1.7585	-5.36049
SLC25A53	1	0.037085	-3.77603	-1.75851	-0.27761
SMAD9	1	0.037158	-3.77293	-1.75872	-2.8372
INSC	1	0.037267	-3.76836	-1.75902	-0.64879
GJB5	1	0.037318	-3.76623	-1.75917	-0.34904
CAPN1	1	0.037863	-3.74367	-1.76071	-2.33137
BCL7C	1	0.037994	-3.73832	-1.76108	-0.76817
DUSP8	1	0.038228	-3.7288	-1.76174	-0.76603
SLCO4A1	1	0.038242	-3.72825	-1.76178	-0.29081
YPEL2	1	0.038286	-3.72646	-1.7619	-0.82547
BMP2	1	0.038406	-3.72163	-1.76224	-0.84246
PTPN18	1	0.038624	-3.71289	-1.76285	-2.26129
RAP2B	1	0.038631	-3.71263	-1.76287	-0.98741
SRI	1	0.038636	-3.71239	-1.76288	-1.06272
RGD1311863	1	0.038793	-3.70616	-1.76332	-0.74364
FXVD6	1	0.038859	-3.70356	-1.7635	-2.05671
LOC102554586	1	0.03895	-3.69994	-1.76376	-0.84206
DGKB	1	0.039228	-3.68902	-1.76453	-2.07367
MBNL3	1	0.039305	-3.68598	-1.76475	-0.90846
RHOV	1	0.039391	-3.68264	-1.76499	-0.68987
PTPRZ1	1	0.039459	-3.68001	-1.76517	-0.43678
BCL2L11	1	0.039463	-3.67984	-1.76518	-0.29324
EGF	1	0.039609	-3.67419	-1.76559	-3.92411

DLK2	1	0.040177	-3.65245	-1.76716	-0.76469
FAM3D	1	0.040383	-3.64466	-1.76772	-4.14478
MASP1	1	0.040404	-3.64387	-1.76778	-0.84906
SESN3	1	0.040426	-3.64305	-1.76784	-0.83882
BCO2	1	0.041077	-3.61879	-1.76962	-0.68382
SERPINB8	1	0.041146	-3.61625	-1.76981	-2.98993
APBA2	1	0.041293	-3.61086	-1.77021	-0.70842
GNAZ	1	0.041606	-3.59947	-1.77106	-0.83617
LEFTY2	1	0.041855	-3.59047	-1.77174	-0.46775
NUDT1	1	0.042102	-3.58163	-1.77241	-0.36127
PPFIBP2	1	0.042526	-3.56657	-1.77355	-2.17296
BANP	1	0.042591	-3.5643	-1.77373	-0.3338
POLR3B	1	0.042624	-3.56315	-1.77381	-1.28668
KIF15	1	0.042883	-3.55407	-1.77451	-1.98748
ZFP385B	1	0.043684	-3.52652	-1.77665	-0.56695
SYT8	1	0.043781	-3.52322	-1.77691	-0.33905
EYA4	1	0.043855	-3.52071	-1.77711	-0.80419
PGM5	1	0.044011	-3.51543	-1.77752	-2.22941
ADM2	1	0.044273	-3.50665	-1.77821	-1.07764
FAM60A	1	0.044317	-3.50516	-1.77833	-0.6588
KRT14	1	0.044536	-3.49788	-1.77891	-1.26437
CCDC65	1	0.044588	-3.49615	-1.77905	-0.76023
CLINT1	1	0.044816	-3.48863	-1.77965	-1.37433
RGD1309036	1	0.044899	-3.4859	-1.77987	-0.3333
ACTA1	1	0.044994	-3.48279	-1.78012	-3.76985
PRMT8	1	0.045297	-3.47291	-1.78091	-0.47505
PCDH15	1	0.045436	-3.4684	-1.78128	-2.69182
KCTD9	1	0.045508	-3.4661	-1.78147	-0.83762
KCTD15	1	0.045726	-3.45909	-1.78204	-1.02893
TULP1	1	0.045833	-3.45566	-1.78232	-0.37733
CKAP4	1	0.04605	-3.44876	-1.78288	-1.57442
VOPP1	1	0.046244	-3.44261	-1.78339	-3.45866
SLC29A4	1	0.04647	-3.43548	-1.78398	-0.61414
KIF3A	1	0.046519	-3.43394	-1.7841	-0.31212
CAMK4	1	0.04656	-3.43267	-1.78421	-0.50813
CDC25A	1	0.0466	-3.4314	-1.78431	-1.06941
CACNA1C	1	0.046716	-3.42779	-1.78461	-1.0372
JPH2	1	0.047365	-3.40775	-1.78629	-1.4123
FRMD3	1	0.047751	-3.39597	-1.78728	-2.90829
PHOX2A	1	0.047825	-3.39375	-1.78747	-0.27206
PCDH7	1	0.04798	-3.38907	-1.78787	-2.95681
LOC500846	1	0.048125	-3.38469	-1.78824	-0.37651
LRRC4B	1	0.048293	-3.37969	-1.78867	-0.58708
SLC16A11	1	0.048892	-3.36193	-1.7902	-1.35192
SPTSSB	1	0.048976	-3.35947	-1.79041	-0.6391
SLC14A1	1	0.049022	-3.35813	-1.79052	-0.25559
NPEPO	1	0.049195	-3.35306	-1.79097	-0.27643

DOS	1	0.049267	-3.35097	-1.79115	-0.82355
WNK4	1	0.049661	-3.33956	-1.79214	-0.68165
NCOR2	1	0.04976	-3.33673	-1.79239	-0.8367
H2AFX	1	0.049857	-3.33394	-1.79264	-0.3638

day1_DEG_0.05_EvsISUp	adj.P.Val	P.Value	t	B	logFC
PEX11A	1	0.00032	22.36154	-1.60538	2.569175
FUK	1	0.001668	12.28108	-1.61805	0.897523
PIM3	1	0.001674	12.26359	-1.6181	1.649089
PLCB1	1	0.001821	11.89222	-1.61924	0.965183
STAP1	1	0.002036	11.41831	-1.62084	0.835095
STARD4	1	0.002318	10.88766	-1.62289	1.178879
LRP12	1	0.002587	10.45804	-1.62476	1.115577
TIFA	1	0.002839	10.1074	-1.62647	0.891582
CTDSPL	1	0.003071	9.819328	-1.628	1.859168
PRR5	1	0.003078	9.811184	-1.62805	0.959608
ARPP19	1	0.003597	9.264468	-1.63135	0.924826
HES6	1	0.003838	9.044867	-1.63284	0.791242
CHCHD10	1	0.003864	9.022278	-1.63299	3.045128
MMP11	1	0.003917	8.977134	-1.63332	1.722828
RNLS	1	0.004112	8.817452	-1.63449	0.841608
PCYT2	1	0.004165	8.775646	-1.63481	1.24628
AGPS	1	0.004273	8.693043	-1.63544	0.647618
FOXC1	1	0.004377	8.615561	-1.63606	0.743425
UCP3	1	0.004444	8.567852	-1.63645	1.560339
DCAF11	1	0.004693	8.396249	-1.63789	0.725977
PLCD1	1	0.004792	8.33147	-1.63846	0.86043
OAS1K	1	0.005153	8.109578	-1.64049	1.661261
RGD1309594	1	0.005455	7.939502	-1.64216	0.593566
TTLL3	1	0.005484	7.923812	-1.64232	1.101791
ZCCHC2	1	0.005693	7.814678	-1.64345	0.82862
MYC	1	0.005956	7.6842	-1.64486	0.786543
RGD1565033	1	0.005983	7.671226	-1.64501	0.94612
LOC680039	1	0.006039	7.644307	-1.64531	0.918772
NT5DC1	1	0.006083	7.623628	-1.64554	0.559917
WFDC3	1	0.006097	7.617107	-1.64562	7.781235
NR4A1	1	0.006494	7.43987	-1.64769	1.608461
PTGR1	1	0.006513	7.431478	-1.6478	0.981162
LRRC29	1	0.006739	7.337601	-1.64896	0.618371
DISC1	1	0.006748	7.33373	-1.64901	0.953911
DIXDC1	1	0.006902	7.272112	-1.64979	0.900637
WIF1	1	0.007202	7.157029	-1.65131	0.950579
CAST	1	0.007297	7.121812	-1.65179	1.509397
MGC108823	1	0.00752	7.041715	-1.6529	1.257664
ABCB10	1	0.007986	6.884573	-1.65518	0.519504
ECI2	1	0.00804	6.86711	-1.65544	2.200941
PER2	1	0.008413	6.750768	-1.65724	0.76661
LOC654482	1	0.008998	6.581694	-1.66001	0.596335
ZFP703	1	0.009046	6.568399	-1.66023	0.944687
GRTP1	1	0.009489	6.45083	-1.66228	0.595303
WDR73	1	0.009678	6.402872	-1.66315	0.605887
SLC25A24	1	0.009995	6.324986	-1.66459	1.124425

FOSL2	1	0.010681	6.1676	-1.66766	1.151925
LAMA5	1	0.0108	6.141667	-1.66818	0.492476
NPTXR	1	0.01088	6.124398	-1.66854	0.593341
ABHD1	1	0.011062	6.085829	-1.66934	0.782293
AKAP7	1	0.011113	6.075208	-1.66956	0.64775
NRIP1	1	0.011334	6.029785	-1.67052	1.418273
ALKBH3	1	0.011373	6.021776	-1.67069	0.706701
CMTM7	1	0.011657	5.965518	-1.67191	1.281167
ARHGEF11	1	0.0119	5.918715	-1.67296	0.500065
NFE2L2	1	0.011901	5.918537	-1.67296	0.894092
POLDIP2	1	0.011965	5.906321	-1.67323	0.554519
SPAG8	1	0.011988	5.902024	-1.67333	0.49843
INSIG2	1	0.011999	5.899936	-1.67338	0.768867
ENPP1	1	0.012175	5.867176	-1.67413	1.912892
CARD10	1	0.01239	5.828004	-1.67504	1.280126
SERINC1	1	0.012539	5.801476	-1.67566	0.661868
GTPBP10	1	0.013144	5.697539	-1.67818	0.607685
PQLC1	1	0.013148	5.696897	-1.6782	0.878242
LOC302022	1	0.013178	5.691964	-1.67832	0.910464
LURAP1L	1	0.013501	5.6392	-1.67965	1.031282
ST7L	1	0.013567	5.628657	-1.67992	0.456945
PTPRG	1	0.013654	5.614861	-1.68027	0.934377
CCDC51	1	0.01383	5.587237	-1.68099	0.480587
ANPEP	1	0.013873	5.580649	-1.68116	3.150449
SBF2	1	0.013982	5.563801	-1.68161	0.907114
AGPAT3	1	0.014041	5.554749	-1.68185	1.53872
RAD51D	1	0.014163	5.536287	-1.68234	0.803961
LUZP1	1	0.014165	5.536043	-1.68234	0.882199
CRTC2	1	0.014276	5.519384	-1.68279	0.5065
PTGER1	1	0.014402	5.500677	-1.6833	0.63451
EBPL	1	0.014664	5.462543	-1.68435	1.719937
FBXL4	1	0.015713	5.318574	-1.68847	0.563483
ELP6	1	0.015814	5.305429	-1.68887	0.599879
EXTL3	1	0.016406	5.230382	-1.69115	1.200432
NCKIPSD	1	0.016842	5.177346	-1.69281	0.487862
RGD1308117	1	0.016846	5.176861	-1.69283	0.484693
PIGW	1	0.016879	5.172953	-1.69295	0.725018
MEGF6	1	0.016891	5.17154	-1.693	0.828567
SRSF9	1	0.017104	5.146308	-1.6938	0.50918
URB1	1	0.017161	5.139719	-1.69402	0.989441
TRAF6	1	0.017207	5.134316	-1.69419	0.407404
NCOA5	1	0.017704	5.077652	-1.69606	0.384591
PIEZO1	1	0.017838	5.062781	-1.69656	1.625296
RPAIN	1	0.017877	5.058495	-1.6967	0.844212
BICD1	1	0.018111	5.032863	-1.69757	1.4223
RGD1304810	1	0.018601	4.980597	-1.69938	0.736199
ECHDC3	1	0.018638	4.976734	-1.69951	2.044652

EMC3	1	0.018666	4.973826	-1.69961	0.858354
ZFP955A	1	0.018908	4.948876	-1.7005	0.859069
NT5M	1	0.019603	4.87928	-1.70302	0.727443
TEX38	1	0.019741	4.865867	-1.70351	0.527157
ASRGL1	1	0.019788	4.861396	-1.70368	2.103474
SMPDL3A	1	0.019912	4.849474	-1.70413	2.76503
CARHSP1	1	0.020179	4.824172	-1.70508	0.88502
FDX1	1	0.020276	4.815018	-1.70543	0.86263
HMGCS1	1	0.020412	4.802373	-1.70591	1.888074
ECI3	1	0.020458	4.798182	-1.70607	1.248107
MFSD7	1	0.020542	4.790399	-1.70637	0.398408
KCNH2	1	0.020639	4.781579	-1.70671	0.826441
LRRC28	1	0.020653	4.780234	-1.70677	0.459229
KCNS1	1	0.020664	4.779284	-1.7068	0.72758
TAF9B	1	0.020709	4.775176	-1.70696	0.812241
CECR5	1	0.021009	4.748156	-1.70802	0.408521
MRPL50	1	0.021043	4.745198	-1.70814	0.487021
UGT2B10	1	0.021048	4.744735	-1.70816	2.054304
ALG11	1	0.021219	4.729576	-1.70876	0.905095
STK10	1	0.02157	4.699055	-1.70998	0.931501
GNMT	1	0.021611	4.695521	-1.71013	0.703978
CARD9	1	0.021704	4.687568	-1.71045	0.507409
TSC22D3	1	0.021722	4.686058	-1.71051	0.977778
MPZL2	1	0.021908	4.670274	-1.71116	0.824041
SEMA3F	1	0.022003	4.662338	-1.71148	0.685207
PTPMT1	1	0.02206	4.657563	-1.71168	0.990786
CSNK1G3	1	0.022093	4.654772	-1.7118	0.355198
TIMP4	1	0.023011	4.580309	-1.71494	2.772055
NDNL2	1	0.02311	4.572521	-1.71528	2.091925
CYB5R1	1	0.023134	4.570637	-1.71536	0.764359
TMEM237	1	0.023367	4.552472	-1.71615	0.517935
MRPL55	1	0.023374	4.551982	-1.71617	0.720164
PM20D2	1	0.023628	4.532467	-1.71703	1.225746
GADD45A	1	0.023708	4.526395	-1.7173	1.823194
DHRS1	1	0.023776	4.521205	-1.71753	0.993344
PEX6	1	0.023829	4.517225	-1.7177	0.881454
MAFG	1	0.023865	4.5145	-1.71783	0.498646
ARHGAP9	1	0.023904	4.511559	-1.71796	0.771471
FAM151B	1	0.023978	4.505991	-1.71821	0.673565
MGST3	1	0.023997	4.504624	-1.71827	1.197662
PITPNM2	1	0.024067	4.499399	-1.7185	1.135897
POPDC3	1	0.024144	4.493675	-1.71876	2.176693
SNCAIP	1	0.024226	4.487564	-1.71904	0.726095
RBM47	1	0.02428	4.483657	-1.71921	0.791802
LTBP3	1	0.024289	4.482958	-1.71924	0.89254
HINT3	1	0.024916	4.437647	-1.72133	0.50714
CLTB	1	0.025846	4.373089	-1.72438	1.03537

TINF2	1	0.02586	4.372199	-1.72442	0.511847
AHCYL2	1	0.025905	4.369149	-1.72457	1.965723
ABCD3	1	0.025957	4.365618	-1.72474	0.585689
RANBP6	1	0.025972	4.364594	-1.72479	0.409975
TMEM60	1	0.026029	4.360772	-1.72498	0.470397
THRB	1	0.026372	4.337967	-1.72609	1.555843
SLC26A6	1	0.026411	4.335432	-1.72621	0.735687
HDAC10	1	0.026673	4.318286	-1.72706	0.519258
USP18	1	0.026699	4.316614	-1.72714	0.871196
DHRS7B	1	0.026969	4.29918	-1.72801	0.669005
NSD1	1	0.027169	4.286468	-1.72865	0.465796
ABHD16A	1	0.027284	4.279201	-1.72902	0.866858
ZFP36	1	0.027302	4.278023	-1.72908	0.942597
RDH7	1	0.027341	4.275575	-1.7292	1.081255
GPATCH2L	1	0.027361	4.274307	-1.72927	0.313706
HRSP12	1	0.027682	4.254312	-1.73029	0.995548
BTBD6	1	0.027846	4.244202	-1.73081	0.671724
AFAP1L1	1	0.027856	4.243624	-1.73084	1.057666
PALB2	1	0.028012	4.234077	-1.73134	0.33366
PHF21B	1	0.028118	4.227598	-1.73167	0.380312
PRMT7	1	0.028638	4.196493	-1.73331	0.417618
ARID5A	1	0.029023	4.173907	-1.73452	0.398091
CYTH2	1	0.029127	4.167865	-1.73484	0.761425
MRPL49	1	0.029523	4.145165	-1.73607	0.537846
LOC501110	1	0.029763	4.13164	-1.73681	0.765271
MSH3	1	0.029858	4.126299	-1.73711	1.083087
CCDC17	1	0.029879	4.125141	-1.73717	0.779072
MYO5A	1	0.029897	4.124122	-1.73723	0.846896
RGD1304694	1	0.030339	4.099636	-1.73859	0.381025
PREB	1	0.030473	4.092305	-1.739	0.321366
MAPRE2	1	0.030501	4.09079	-1.73909	1.225086
PDLIM2	1	0.030809	4.074126	-1.74003	0.655643
SETMAR	1	0.030913	4.068547	-1.74035	0.299776
DIS3L	1	0.030932	4.067542	-1.74041	0.721669
ZFP978	1	0.031046	4.061449	-1.74075	0.392364
LRRC71	1	0.031115	4.057805	-1.74096	0.442867
ATP6V1G3	1	0.031308	4.047601	-1.74155	0.871544
RNF4	1	0.031384	4.043634	-1.74178	0.338287
ARRDC2	1	0.031447	4.040329	-1.74197	0.533401
FAM89B	1	0.031591	4.032828	-1.74241	0.806604
YTHDC1	1	0.031681	4.02814	-1.74268	0.317693
TMEM116	1	0.031866	4.018583	-1.74324	0.741704
S100A10	1	0.032535	3.984668	-1.74525	1.258882
ZC4H2	1	0.032608	3.981026	-1.74547	0.351847
ELOVL7	1	0.032621	3.980421	-1.7455	3.875952
WDR45B	1	0.032666	3.97814	-1.74564	0.50131
EMB	1	0.033035	3.959914	-1.74674	1.804961

RRAGD	1	0.033287	3.947653	-1.74748	0.840171
FAM175A	1	0.033375	3.943393	-1.74774	0.646814
GRSF1	1	0.033502	3.937258	-1.74812	0.459053
MAK16	1	0.033549	3.93498	-1.74826	0.364495
PHF8	1	0.033638	3.930731	-1.74852	0.485344
POMGNT2	1	0.033845	3.920866	-1.74913	0.45756
RNF130	1	0.033971	3.914906	-1.7495	0.689645
SERINC3	1	0.034042	3.911527	-1.74971	0.784218
LOC690617	1	0.03409	3.909285	-1.74985	1.353091
PROS1	1	0.034169	3.905585	-1.75009	1.438862
TMCO1	1	0.034221	3.903119	-1.75024	0.980438
CERS2	1	0.034236	3.902456	-1.75028	1.048464
RNF135	1	0.03428	3.900362	-1.75041	0.414502
DEF8	1	0.034607	3.885225	-1.75137	0.943578
DRAM2	1	0.034793	3.876673	-1.75191	1.517106
ARSE	1	0.03487	3.87313	-1.75214	0.745065
DNAJC4	1	0.034894	3.872031	-1.75221	0.42782
SIX1	1	0.035504	3.844521	-1.75398	1.28413
ADIPOR2	1	0.035689	3.836319	-1.75451	1.450015
LOC100363521	1	0.035735	3.834274	-1.75464	0.625689
BMI1	1	0.035783	3.832153	-1.75478	0.454732
PLK3	1	0.035831	3.830036	-1.75492	1.07545
ZBED5	1	0.035881	3.827822	-1.75506	0.769806
IKZF5	1	0.035976	3.823681	-1.75534	0.589024
DDRGK1	1	0.036246	3.811885	-1.75611	0.724571
CYB561D1	1	0.036313	3.808986	-1.7563	0.311469
PWWP2B	1	0.036371	3.806472	-1.75647	1.826014
S100A1	1	0.036387	3.805784	-1.75652	0.972054
ACACB	1	0.036391	3.805622	-1.75653	2.621249
ZFP592	1	0.036426	3.80408	-1.75663	0.285017
CEP89	1	0.036433	3.803805	-1.75665	0.343642
SYCE2	1	0.036443	3.803385	-1.75668	0.476971
NEK7	1	0.036903	3.783689	-1.75799	1.274995
FBXO36	1	0.036956	3.781466	-1.75814	0.601303
LYPLA1	1	0.036971	3.780827	-1.75818	0.908707
PPP1R15B	1	0.0372	3.771195	-1.75883	0.467815
PARP6	1	0.037237	3.769607	-1.75894	0.290361
SLC25A32	1	0.037351	3.764859	-1.75926	0.797208
CEP131	1	0.037364	3.76432	-1.7593	0.276265
VRK3	1	0.037488	3.759151	-1.75965	0.803074
ATP6V0D2	1	0.037953	3.739996	-1.76096	0.291762
KLHL7	1	0.0381	3.733989	-1.76138	1.056873
RAMP3	1	0.038263	3.727402	-1.76184	0.291577
STAG1	1	0.038636	3.712407	-1.76288	0.379977
ARHGAP22	1	0.03889	3.70233	-1.76359	0.349868
ABHD13	1	0.039101	3.693991	-1.76418	0.792326
MED8	1	0.039127	3.692962	-1.76425	0.671656

PRDX1	1	0.039457	3.680075	-1.76517	0.977967
WHAMM	1	0.039481	3.679165	-1.76523	0.706688
PCGF3	1	0.03949	3.678811	-1.76526	0.420347
RNASE6	1	0.039546	3.676641	-1.76541	0.333258
RILPL2	1	0.039614	3.67401	-1.7656	0.37486
NT5C	1	0.039834	3.665521	-1.76621	0.401811
HOGA1	1	0.039953	3.660975	-1.76654	1.610464
SLC25A11	1	0.040068	3.656593	-1.76686	0.741209
SLC39A13	1	0.040524	3.639359	-1.76811	0.83009
MBOAT2	1	0.040693	3.633027	-1.76857	2.933379
ZFP612	1	0.040823	3.6282	-1.76893	0.566392
RGD1566099	1	0.041837	3.591107	-1.77169	0.46767
ARL6IP6	1	0.0421	3.581695	-1.7724	0.671546
ALG8	1	0.042307	3.574327	-1.77296	0.617293
ABCB8	1	0.042593	3.564233	-1.77373	0.879004
NDUFS4	1	0.042869	3.55456	-1.77447	0.802764
PDZK1	1	0.042918	3.552853	-1.77461	0.27116
MCM6	1	0.043341	3.538234	-1.77574	0.420856
KLHL12	1	0.043391	3.536519	-1.77587	0.493671
LOC100909680	1	0.043612	3.52896	-1.77646	1.60004
NAP1L1	1	0.043715	3.525454	-1.77673	1.197685
FAM213A	1	0.043829	3.521577	-1.77704	0.903537
CRLF2	1	0.044047	3.514211	-1.77762	0.737199
SEC61A2	1	0.04437	3.503387	-1.77847	0.372645
TOMM34	1	0.044433	3.501308	-1.77864	0.43105
CTU2	1	0.044492	3.499333	-1.7788	0.260801
PRKRIR	1	0.044605	3.495585	-1.77909	0.438728
PPP5C	1	0.044715	3.491963	-1.77938	0.31452
SLC46A3	1	0.044891	3.486153	-1.77985	1.179032
CSGALNACT2	1	0.044988	3.482993	-1.7801	0.391852
P2RX6	1	0.045074	3.48016	-1.78033	0.887321
DHFR	1	0.045255	3.47429	-1.7808	0.421444
HPCAL1	1	0.046076	3.447911	-1.78295	0.8643
DCAF4	1	0.046251	3.442363	-1.78341	0.524986
ADAM15	1	0.046367	3.438727	-1.78371	0.878202
PLEKHF1	1	0.046568	3.432407	-1.78423	0.955707
ID4	1	0.046616	3.430898	-1.78435	2.561788
NRBF2	1	0.046731	3.427308	-1.78465	0.263156
MME	1	0.046926	3.421247	-1.78516	3.407933
DALRD3	1	0.046999	3.419003	-1.78534	0.278742
CROT	1	0.047074	3.416674	-1.78554	1.693569
AMMECR1L	1	0.047234	3.41175	-1.78595	0.3347
GNPAT	1	0.047749	3.396053	-1.78727	1.368851
HSF2	1	0.047821	3.393848	-1.78746	0.322628
ELOVL4	1	0.048007	3.388238	-1.78794	1.038888
SPATA25	1	0.048433	3.375518	-1.78903	0.588936
NDUFV3	1	0.048516	3.373025	-1.78924	0.990774

ZFP251	1	0.048881	3.36227	-1.79017	0.312943
AIFM1	1	0.049114	3.355444	-1.79076	0.761213
KCTD19	1	0.049378	3.347747	-1.79143	0.256275
ARHGAP35	1	0.049563	3.342375	-1.7919	0.638093
ITGB1BP1	1	0.049606	3.341139	-1.79201	0.444004
TUBGCP6	1	0.049727	3.337675	-1.79231	0.319526
DAGLB	1	0.049881	3.333237	-1.7927	0.642014