

Gene	log2(Fold change)	"False discovery rate (FDR, padj)"	Base mean expression (normalized read counts per gene)
Slc30a3	0.475139558	9.74E-09	1192.447638
Aqp4	0.47067782	9.74E-09	1011.476536
Tnc	0.463139349	2.29E-08	915.7209248
Fam107a	0.441041252	1.71E-07	751.5277721
Nes	0.433657995	3.05E-07	978.6068329
Tnfaip8	0.418916361	1.93E-06	200.1178882
Il1r1	0.412302167	3.29E-06	376.7383423
Epha7	0.409855283	3.54E-07	1272.096249
Itpr2	0.403637668	9.67E-06	265.4931959
Mas1	0.392569183	1.30E-06	1137.471759
Tmem71	0.391684559	1.19E-05	486.829592
Plcx2	0.386275456	1.21E-08	2797.529581
Flnc	0.385328351	1.30E-05	575.3562198
Fbln1	0.381451534	1.43E-05	598.5244939
Rgs8	0.376990179	1.95E-05	794.0888349
Sema5a	0.374646028	8.34E-09	4978.082715
Sema3c	0.3741508	4.38E-06	1603.249445
Ptgs2	0.368605083	2.57E-05	675.871117
LOC100361083	0.367074037	3.57E-05	400.2556586
Serpine2	0.365678915	1.46E-05	1443.13628
St18	0.36464895	1.12E-06	3025.813261
Synj2	0.35952824	2.22E-05	925.8229796
Abca1	0.356191951	1.46E-05	578.7760177
Rasgrp1	0.355479979	1.78E-05	1624.606643
Vamp1	0.35087973	7.06E-07	2372.983515
S1pr3	0.344827374	0.000221585	388.0047463
Plec	0.343513424	1.18E-05	2751.945593
Nhlh1	0.343045234	0.000218509	146.5889897
Oprl1	0.342408838	1.45E-06	1126.253072
Rassf4	0.342104246	0.000160928	120.771047
Nefh	0.34153831	0.000166615	859.2600943
Ctnna1	0.340062544	1.95E-05	1168.461533
Penk	0.339245293	0.000114294	783.1975357
Gpr37l1	0.33821374	0.000280169	206.1715048
Cxcl14	0.337584832	0.000310145	483.5943718
Acsbg1	0.335873661	0.000171169	528.5863447
Kcnj10	0.328783924	0.00044769	382.6172237
Kcnv1	0.327470122	8.68E-05	827.0684487
Man1a1	0.326450301	4.12E-05	1256.662955
Igfbpl1	0.326019628	0.000484853	261.2644343
Gja1	0.325421088	0.00033041	845.6271361
Slc39a10	0.324437065	5.17E-06	3448.41086
Gpr158	0.324143138	5.50E-07	5411.723891
Tmbim1	0.323503474	0.000652218	236.2262795
Adcy2	0.323352404	2.57E-05	1114.575863
Abhd4	0.322715682	1.95E-05	1521.641582
Arap2	0.322490239	0.000398728	372.6596849
Nxph4	0.320682553	0.000741853	278.8816093

Wipi1	0.319989685	1.95E-05	815.2965481
Prss35	0.31716031	4.49E-05	89.16487042
Pkp2	0.315264872	0.000959738	254.556821
Prss23	0.312989885	0.001063078	223.0168885
Hr	0.310114373	0.000342202	410.6449571
Pdpn	0.310113059	0.001089831	321.6292922
Csf1	0.309605465	0.001178813	399.0390348
Chst9	0.308829494	0.000398728	119.6177364
Nbl1	0.308727066	0.001254166	401.116623
Tagln2	0.307926499	0.001196175	298.6785756
Atp1a2	0.304037775	3.48E-05	2125.040451
Tacr1	0.302227984	0.001587078	138.5361369
Fmod	0.301839426	0.001239883	163.0057101
Synm	0.301598198	9.67E-06	2310.023622
Hhip	0.300824879	0.001255129	250.1116072
Mmd	0.300791432	2.48E-06	14339.84114
Ace	0.300482984	0.001139593	339.8909928
Itga1	0.299467613	0.000367317	55.50939395
Fam84a	0.299461043	0.000220351	1196.964726
Lrrtm4	0.298741311	0.000746701	433.2799147
Sstr3	0.298327045	0.000986864	506.5280775
Ctsh	0.297662212	0.001972507	279.2443702
Gabrd	0.297360479	0.002105578	248.3142677
Mapk4	0.297208856	0.000160928	904.0424539
Arid5b	0.294302564	1.95E-05	917.860833
Mlc1	0.292805664	0.001311582	800.6252248
Fam129a	0.292760548	0.000680557	87.03153846
Thbs1	0.292305413	0.002494493	298.063122
Epha4	0.291769557	6.11E-07	17242.0853
Prkcg	0.291744615	6.61E-05	16243.78867
Aldh1a1	0.291106364	0.001587078	101.7289523
Chn1	0.290155438	1.18E-05	6535.068983
Sparc	0.290112521	4.51E-05	7163.196571
Anxa6	0.289472155	0.000412044	2739.187529
Serping1	0.288943838	0.002210767	204.380678
Alcam	0.288272031	7.85E-06	3908.916327
Hapl1n1	0.287673331	0.002727652	291.0006834
Slc1a3	0.287448223	0.002686853	4680.084373
Cav1	0.286641847	0.001119195	505.4249658
Megf10	0.284737979	0.001787173	580.8062366
Mt2A	0.284724061	0.002864233	457.5409979
Lrp4	0.284215593	0.003360514	161.3881888
Pdp1	0.28217855	6.10E-05	1042.970185
Oaf	0.280509225	0.000959738	68.60533951
Nedd9	0.280404397	0.000342202	1410.940282
Npy1r	0.280314952	0.000546485	994.0899232
Wipf3	0.279558736	0.001101336	1221.760376
Rnf112	0.27953689	0.000193671	5252.396882
Thy1	0.279254506	0.003758213	5436.630743
Ccnd1	0.27756801	0.003568054	736.1182005

Banp	0.27708958	0.002552451	491.8446925
Ahnak	0.276736764	0.001586692	467.0026571
Rhbdf1	0.276658153	0.004712092	306.6719933
Shisa6	0.276044972	0.000949199	1345.646408
Sox2	0.27476881	0.004240407	326.4247447
Fndc3c1	0.274766569	0.003842614	244.3328367
Ros1	0.273056303	0.003581565	115.6389593
Fgfr3	0.272999362	0.005340807	359.0028766
Kcnab2	0.272723266	0.000636223	2029.431637
Sorcs3	0.272304699	1.56E-05	3086.992175
Spred1	0.271647536	0.000171169	1393.08714
Slc15a2	0.271197859	0.003004961	78.21773958
Gria3	0.271049691	0.002039889	1218.575925
Chrm3	0.270938614	0.000310145	1370.801041
Cap2	0.270400918	3.63E-05	3164.577969
Pls3	0.270004217	0.001139593	933.788154
Gad1	0.267213834	1.46E-05	12878.17868
Gli3	0.267138901	0.005951774	131.5727379
Plekhg1	0.266447335	4.42E-05	2153.126472
Mxra8	0.266283818	0.006316149	119.8021389
Vim	0.265594072	0.006316149	7083.400956
Nrxn3	0.264223553	0.000652218	4079.167762
Me1	0.263872125	0.000188817	3122.641373
Calb1	0.262452252	0.000131868	3309.344208
Rhoc	0.262156561	0.008473959	222.1771489
Gfap	0.260546965	0.007872351	4659.976231
Hivep2	0.259417635	3.73E-05	20349.47801
Slc6a1	0.259409027	0.00013833	10645.50582
Plce1	0.259277173	0.00247166	555.4815475
Kctd4	0.258602201	0.007561159	377.2942184
Ptprg	0.258530697	8.29E-06	5166.02607
Kif1c	0.258138012	0.002114059	1040.326935
Htra1	0.25753098	0.003973489	77.81738929
Ucp2	0.257185614	0.007872351	100.6774754
Nefm	0.256024679	0.000546315	16630.66103
Hspa12a	0.2556549	1.00E-07	12181.38333
Gstt3	0.255265515	0.00273804	58.05723695
Fabp7	0.255094082	0.01118857	2785.445833
Srebf1	0.254923027	0.003983878	1253.273696
Crhbp	0.254876337	0.001586692	886.7681836
Ppap2b	0.25463837	0.003360514	1066.196082
C1ql3	0.254248384	0.002371219	562.0540277
Igsf11	0.253787796	0.011465658	295.0259606
Notch2	0.252728949	0.000365851	1328.8438
Fgfrl1	0.252306545	0.009367764	119.8785782
Vcan	0.251776756	0.001416265	1999.923064
Nacc2	0.251433219	0.009123924	452.4004317
Gad2	0.251117461	0.00022644	5247.912619
Slc2a13	0.250530921	4.29E-07	4945.111252
Hist1h2bh	0.250273534	0.012629597	1432.957597

Tnr	0.250199641	0.003624003	1675.352834
Grb14	0.249812635	0.005859516	451.9045659
Cdkn1a	0.249576849	0.005782698	511.7029457
Grid2	0.24874764	0.01392468	160.1117324
Htr3a	0.248643024	0.013626478	185.8415738
Hivep3	0.248242718	0.000304403	2117.103825
Htr1a	0.247494442	0.014383873	221.2803062
Prkd2	0.246233147	0.010325575	484.677285
Lrrc4c	0.245678238	0.000232013	2533.997771
Nab2	0.2453203	0.013309622	663.3031072
Sspn	0.245231995	0.012092199	96.25429945
Serinc3	0.244393388	7.28E-05	8532.499224
Gabra3	0.242853904	0.010503182	451.8821364
Kpna2	0.242531338	0.002548495	1352.286925
Abcb1b	0.241922867	0.012602245	428.3994885
S100b	0.241912477	0.003888324	1195.197082
Stat1	0.241654632	0.008602892	399.781619
Lgi1	0.241559929	0.000156144	5248.988042
Lrrn1	0.241419382	2.87E-05	2533.716474
Ryr2	0.241039641	0.000652218	13374.75238
Akap5	0.240891086	0.006975891	650.2251446
Gldc	0.240012938	0.018485231	244.7550032
Lamb2	0.23912081	0.014819317	362.6372848
Zdhhc23	0.238738451	0.017435184	233.2870033
Ltbp1	0.23827589	0.019754558	197.4569728
Ptk2b	0.238272545	0.016040789	7679.919524
Prickle1	0.237574669	0.000815939	2447.633272
Enc1	0.234523175	1.96E-05	40377.27111
Plekhg5	0.233559662	0.000941844	4066.87784
Syt17	0.233491498	0.019669638	1685.221763
Plekhd1	0.233279378	0.018133943	93.68890963
Pde5a	0.233178921	0.01214277	437.4275036
Alk	0.232941424	0.023458612	184.7767723
Pragmin	0.232486619	0.006898375	775.6385589
Luzp1	0.232453027	0.001592339	1184.709587
Reep3	0.232450728	0.017435184	305.7544711
Mertk	0.231877614	0.024512513	152.7888418
Trak2	0.23151936	7.20E-05	10907.9105
Slc25a18	0.23101858	0.007510619	68.00657054
Sez6	0.230915796	0.000484853	24793.47722
Ptprv	0.230694771	0.022250269	153.5480913
Ndrg2	0.230396922	0.025363413	2253.938382
Tuba4a	0.229829277	0.02091666	6990.166704
Lgals3	0.229336957	0.022015994	136.9123645
Slc1a1	0.229270811	7.37E-05	3144.533311
Smpdl3b	0.22835934	0.020433217	525.1962206
Prrt2	0.227902097	0.000243136	3415.14277
Chgb	0.227542508	0.019921102	16217.12875
Myo1e	0.226968556	0.013165287	520.7121493
RGD1309079	0.226871915	0.018107757	446.48984

Slc12a4	0.226504257	0.021808237	305.949839
Cpne6	0.226384084	0.002284859	3224.094925
Snap25	0.226226859	1.12E-05	25934.17542
Slitrk4	0.226154377	0.00039058	2087.203595
Ptn	0.226078287	0.008489965	1920.477828
Gpm6b	0.225814596	0.000242399	7734.253798
Map3k5	0.225751984	0.011910377	524.0930797
Sort1	0.225539666	1.18E-05	14073.42438
Trim9	0.22465384	2.87E-05	8669.343059
Gabre	0.224370271	0.028218263	162.4247261
Bmper	0.224218125	0.014103773	63.19624302
Lynx1	0.223840671	0.024912427	2072.964082
Pon2	0.223401138	0.031846159	180.1238344
Clstn2	0.223158579	0.02663492	4287.567519
Spon1	0.22273839	0.023453498	572.9670753
Dgka	0.222709717	0.000654731	1906.583698
Smc6	0.222565848	0.000416341	3306.883732
Itgb5	0.222519592	0.032738786	228.5819104
Vcam1	0.222329242	0.028288746	130.2168126
Rfdw2	0.222265661	0.000527227	1968.547118
Kcnq3	0.221997753	0.032738786	5104.151967
Fam212b	0.221547944	0.033115021	1027.398097
Gsta1	0.221538162	0.011227678	938.8913309
Camk4	0.221160331	0.02038614	932.593913
Apc	0.221129633	0.000652218	34051.19008
Plp1	0.220959707	0.01964324	617.3248773
Carhsp1	0.220953206	0.029741264	327.3682218
Krcc1	0.220724349	0.033869211	199.1804368
Pld2	0.220097052	0.032769233	146.7994864
Ss18	0.219853725	0.004011882	982.572538
Cp	0.219813166	0.024452038	584.5745873
Ephx1	0.218687887	0.015016907	692.4097333
Fam131b	0.218584704	0.000389519	4669.752464
Slc8a2	0.218490922	0.003599623	8604.993812
Sntg1	0.218369024	0.037234085	171.4679819
Myadm	0.217976592	0.006001738	9742.927649
Slc16a11	0.217867791	0.037862123	238.7063843
Caskin2	0.217680961	0.018711374	69.466285
Cav2	0.217676712	0.027022205	83.65523214
Gbp2	0.21727239	0.032738786	112.912631
Il1rap	0.217254658	0.018651673	543.4526461
Lin7b	0.216863432	0.026393677	513.9270974
Arhgap25	0.216771628	0.019585331	73.16496519
Dok5	0.216581567	0.01356512	1064.458017
LOC100910973	0.216273848	0.03877987	140.0867029
Slc32a1	0.215483799	0.004011882	3343.545779
Dpy19l1	0.215293575	0.007024346	1050.952136
Tanc1	0.215020523	0.011465658	1404.126743
Arhgef3	0.214770145	0.008847967	1121.024644
Stxbp6	0.214480153	0.031846159	131.9315772

Cxyc5	0.213827568	0.003944305	2642.581139
Adra1d	0.2135342	0.021602653	87.90366997
Sez6l	0.213467393	0.000596252	12473.66088
Crat	0.213279584	0.006176282	3553.189728
Nfe2l2	0.213234523	0.043086965	192.2146062
Pxdc1	0.212858268	0.034290667	447.5408571
Pde7b	0.21249153	0.029741264	107.9833726
Rhbdl3	0.212184967	0.027624449	751.6674476
Col5a3	0.211472601	0.042688368	232.5818732
Bend7	0.210992178	0.034313227	87.618403
Htra4	0.209463065	0.049086524	1838.439788
Pipox	0.209402906	0.032540305	76.11885023
Arhgap8	0.209398973	0.047556215	146.8580494
Klhl4	0.209035265	0.029523543	80.04315458
Cdc42ep1	0.208912636	0.025949954	82.29960964
Kcnh7	0.208419832	0.018133943	882.9529901
Glul	0.208023413	0.00247166	5110.018987
Jun	0.207965776	0.012033282	3836.273524
Fkbp5	0.207618779	0.011308024	906.747481
Hspb1	0.207575365	0.007649084	34.70605541
Zfp703	0.207400861	0.037187209	458.8784057
Flt1	0.207367617	0.044913203	134.6412778
Camkk1	0.207361122	0.010379596	2329.529214
Ecel1	0.20734445	0.037862123	449.6650931
Ankrd40	0.207207422	0.002298274	1403.651616
Brinp1	0.207032382	0.001123988	5898.66025
Arhgef25	0.206972899	0.040348269	547.4271999
Tgfb1i1	0.206115851	0.029742254	552.4967991
Plxna2	0.205551871	0.00399563	9342.09101
Scn7a	0.205384843	0.045606395	100.4428877
Ppp3ca	0.204566429	0.000484853	14630.37558
Syt15	0.204399091	0.014383873	54.28131317
Lrrk2	0.204087188	0.018889739	767.1535982
Cck	0.203909502	0.033033559	923.0091283
Dgkg	0.203888524	0.001081459	5135.94966
Ephb1	0.203805614	0.023241644	1049.808428
Prex2	0.203641265	0.039409348	417.9008177
Fam13b	0.203439673	2.04E-05	5470.801453
Ppapdc1a	0.202962145	0.035763367	461.8167143
Fat1	0.202942504	0.005340807	4938.108463
Cxcl12	0.202923231	0.039633774	497.5967031
Tril	0.202551623	0.037954059	562.6418109
Grik4	0.202135834	0.021893336	2091.400813
Pcdh20	0.202073197	0.002727652	4539.619311
Cdk17	0.201996675	0.001254166	3294.195548
Maob	0.201825919	0.040726767	78.41049199
Ppp1r10	0.201634232	0.002654227	3149.503683
Myt1l	0.20126449	0.000597172	4991.368202
Itga7	0.201071705	0.048104366	110.8404278
Ptch1	0.201048199	0.018803352	720.6119865

Kcnip3	0.200809134	0.040208581	485.7154441
Plcb4	0.200403071	0.016502699	774.4810149
Klhl29	0.200373872	0.025363413	1293.385705
Large	0.200151576	0.000304426	6999.237826
Dlgap1	0.19997687	0.001848085	8318.474181
Ubash3b	0.199705129	0.01214277	990.3592214
Plk2	0.199699925	0.000638165	6018.946788
Pcdh19	0.199309384	0.049877345	646.2985998
Btbd7	0.199089159	0.029088756	522.8906694
Fzd1	0.199023236	0.026162555	1729.354059
Ccng2	0.198827908	0.017047352	1091.997632
Plxdc2	0.198406848	0.035287015	466.3184546
Syndig1	0.198104003	0.034290667	647.0199192
Tmem63c	0.197427787	0.002606092	2445.86478
Wbscr17	0.197071515	0.003308239	2560.734795
Arhgef2	0.196838334	0.003452381	2686.761875
Mast3	0.196791141	0.002205977	12264.41489
Flrt3	0.196681876	0.009873299	1368.731648
Trib2	0.196664322	0.026306541	1133.02348
Scn5a	0.196566406	0.003624003	25.42992404
LOC100912071	0.195738092	0.034935003	537.8083588
Grm7	0.195111396	0.006014242	1360.311327
Rgs16	0.195010374	0.041145662	93.10085579
Unc5d	0.19490417	0.009898909	1892.694417
Cnr1	0.194786025	0.000446575	23651.22976
Slc46a3	0.194276981	0.023073403	44.47278917
Itgb4	0.194070037	0.003111068	26.33432449
Gda	0.193891251	0.00319098	3191.766536
Zfp219	0.193814967	0.030248836	879.0720074
Sall2	0.19296917	0.025023323	1115.211028
Tgfb2	0.192460729	0.033705599	559.4923279
Egr3	0.1923482	0.025391233	1598.653972
Opcml	0.19161648	0.00176041	7855.876607
B3galt1	0.191018514	0.040329245	714.3058629
Prom1	0.190283887	0.042270305	72.11308813
Tp53i11	0.189991305	0.025363413	1838.39379
Oprd1	0.189588392	0.024452038	47.71860274
Kcnn1	0.189570972	0.037862123	1212.557476
Nkiras1	0.188594549	0.011271677	1729.585672
Cadm3	0.188495923	0.002114059	10339.2264
Dmd	0.187742474	0.023241644	867.0233897
Smpdl3a	0.187326732	0.042270305	69.28263478
Nxph1	0.186533818	0.022250269	1335.841422
Gpnmb	0.184867545	0.044856602	1003.202244
Nfat5	0.184532181	0.005885685	6609.085182
Pde2a	0.184473535	0.01246483	5735.744123
Tspan17	0.184325986	0.010840334	2417.007351
Mkks	0.183938263	0.042270305	930.3443069
Phyhip1	0.183834038	0.000636223	4129.996643
Ric8b	0.183820708	0.044858093	698.6871146

Ppp1r13b	0.183669579	0.006049475	4317.196449
Ppp1r12a	0.18230688	0.000949199	4148.417977
Lppr4	0.182034752	0.000649641	37619.57184
Serpini1	0.181752924	0.000906089	8383.834765
Arpp21	0.181743987	0.005324123	5447.771261
Nefl	0.18138381	0.006624069	24634.07334
Phf3	0.180991712	0.002039889	3257.094394
Grin2a	0.180770054	0.007896892	3196.581332
Limd2	0.180304958	0.031072611	1570.216421
Glrx	0.179736315	0.002250206	3082.338307
Rasal2	0.179225988	0.027842791	1489.137692
Zfp180	0.179174155	0.025946402	2126.342625
Ifngr2	0.178972164	0.019669638	1859.214783
Atp1a1	0.17830602	0.000412044	20202.24984
Frmpd4	0.177258203	0.004262633	2671.200901
Lrp12	0.17691164	0.006316149	2918.30998
Mmp17	0.176667454	0.047865018	3093.809854
Arhgap21	0.176636239	0.001101077	21259.41148
Ppp2r2c	0.17634854	0.002164604	6641.049318
Sin3a	0.175414124	0.029890229	1073.79101
Arhgef9	0.175316879	0.002210767	9567.006654
Zfp609	0.17459988	0.007333994	3687.131223
Vsnl1	0.174403223	0.002727652	11509.29057
Hace1	0.174385052	0.008526364	1603.661823
Palmd	0.174069359	0.016290986	2724.462011
Fmnl1	0.173918219	0.011493885	2598.720338
Tubgcp5	0.173412202	0.022010927	1022.680087
Stxbp5l	0.172995192	0.013625319	2183.81319
Gja5	0.17255119	0.041327295	55.51947877
Spns2	0.172314832	0.021602653	3829.862635
Pde1a	0.172075021	0.019234254	1567.482431
Ncan	0.171749609	0.006508515	17894.41825
Slitrk3	0.171263933	0.015996949	1823.260568
Cyld	0.17109528	0.021365515	1570.852026
Prkce	0.171017029	0.015361117	7093.218448
Bcar1	0.170731966	0.020709675	3723.600383
Xpr1	0.170401198	0.005859516	3825.164762
Mei1	0.170378424	0.040726767	60.97917292
Sparcl1	0.170177236	0.003022522	8722.212446
Nr3c2	0.170052081	0.007394237	5589.865788
Tmem132b	0.16991025	0.02772625	1607.84761
Elmod1	0.169310807	0.004044301	6986.140857
Igfbp5	0.169103797	0.035114799	1248.819131
Kalrn	0.168531586	0.017435184	9101.032242
Rps6ka3	0.168160995	0.014522829	1766.657259
Adamts4	0.168135179	0.037862123	43.4374774
Fam20b	0.167999324	0.008132983	4538.108243
Snx5	0.167652272	0.022250269	1257.391199
Sec14l1	0.167493062	0.010369734	3699.105839
Camk1d	0.166112618	0.01214277	3719.981465

Dpp6	0.166016226	0.003599623	5826.479756
Scn3b	0.165828128	0.012420923	8290.38096
Wac	0.165322676	0.009837586	5529.195612
Unc5c	0.165316329	0.014046322	3779.822915
Zdhhc17	0.165236523	0.015209229	2370.449228
Lrrn3	0.164697312	0.005154588	6209.681417
LOC100125362	0.164511065	0.001228498	7276.520231
Npepps	0.164410268	0.001397111	11164.46263
Ncor2	0.164310825	0.013508163	10866.93435
Reep5	0.164051092	0.000986864	11289.93669
Pvrl3	0.16385566	0.018195184	1828.345409
Itch	0.16371116	0.035911336	1219.847184
Ndrgr4	0.162375981	0.002739279	52054.53812
Kcnn2	0.16183055	0.029849073	1691.070618
Chst1	0.16178798	0.031095491	6254.664317
Scn1a	0.161606253	0.023919479	2675.449346
Slc23a2	0.161357345	0.001438793	7591.62065
St3gal5	0.161234761	0.015185122	5928.666231
Cdh10	0.161052907	0.022671852	1482.756267
Gria1	0.160646021	0.036713912	9898.444758
Sirpa	0.160582598	0.002845863	6173.009236
Ywhah	0.159471924	0.006316149	45207.8422
St6galnac5	0.158970531	0.033099004	3296.094792
Susd2	0.158189664	0.014514328	20.5196807
Zhx3	0.158187329	0.012092199	2683.277855
Lmbrd1	0.157492319	0.015842551	3596.219013
Mphosph8	0.157150686	0.01214277	2673.186887
Neto1	0.157100881	0.042428917	3509.725129
Smurf2	0.156814481	0.041241662	1257.590067
Nedd4l	0.156494833	0.00383645	5791.774553
Pcp4	0.156178849	0.018601032	3896.517119
Cdh9	0.155809969	0.028218263	2011.074371
Cand1	0.155543214	0.002284859	8290.675361
Sestd1	0.155102279	0.030623371	1586.639432
Zfp46	0.15493814	0.027035048	3067.01401
Tmem2	0.154548047	0.029088756	1765.143576
Ncoa1	0.154532885	0.005023732	7402.14819
Nap1l5	0.154232108	0.041491969	3095.050321
Syn2	0.152555334	0.017566277	11095.54189
Nptx1	0.152517754	0.02772625	18762.03088
Got1	0.152247236	0.040578837	6117.092564
Clcf1	0.152209681	0.033869211	32.03921787
Slc35b4	0.152116971	0.02112202	1869.1015
Kcnj6	0.152039444	0.031992794	6108.624105
Atp2b3	0.151373754	0.024912427	5142.248565
Klhl23	0.150696278	0.046105027	2838.89446
Mpdz	0.149897445	0.011675501	3191.042165
Ccny	0.149744151	0.035114799	1726.19131
Sv2b	0.149653855	0.012332451	10276.83789
Ccl7	0.149634616	0.037605674	30.88633027

Slitrk5	0.149192202	0.02137586	4801.014012
Abi2	0.14903303	0.021698976	10337.63913
Cyth3	0.148427169	0.018133943	2623.793473
Tubb4a	0.147869646	0.013644093	16180.3912
Zfp148	0.147533233	0.010793125	3616.431404
Sept5	0.147200444	0.016950655	17982.00783
Ptprj	0.147191177	0.028288746	4939.29719
LOC690806	0.145316836	0.00758592	5814.366869
Cadps	0.145038997	0.001773769	8081.043592
Scd2	0.144823697	0.005168369	72157.63094
Phf20l1	0.144756611	0.048147333	3049.802719
Map7d2	0.144738859	0.018133943	3545.458918
Mapk1	0.144273172	0.006203705	24908.91226
Fbxo11	0.144231544	0.01392468	5728.606518
Pak7	0.144141955	0.021235449	2411.510431
Atp1a3	0.143830701	0.012468676	75670.52699
Dnajb5	0.143755809	0.038167239	4905.052275
Tubb4b	0.142843119	0.038096971	13515.49443
Aftph	0.14281666	0.013162296	3333.101897
Ash1l	0.142567045	0.04288404	8109.452734
Kif2a	0.142244471	0.014478844	6991.154904
Tuba1b	0.141671943	0.019242479	13689.01971
Bsn	0.141397359	0.043654663	37634.2831
Ndufs1	0.141361782	0.02019948	4948.072436
Atrn	0.14133514	0.00383645	15772.10852
Dgkb	0.141065741	0.022209948	6308.846237
Kcnq2	0.141001041	0.02137586	7110.704774
Atp2c1	0.140563912	0.003280014	10098.04636
Dhx9	0.139221885	0.018031318	7126.566752
Elavl2	0.138915129	0.031324911	3595.840567
Map1a	0.136236133	0.022019662	39011.81027
Camsap2	0.136197095	0.026658114	13106.17711
Herc3	0.135814344	0.021887017	4903.782068
Pea15	0.135596955	0.019234254	14072.13545
Gabbr2	0.135460128	0.032402234	14292.98736
Dennd5a	0.135141637	0.014816594	8520.993386
Lrfn5	0.134498081	0.04700916	3741.997066
Jak1	0.134014128	0.003916355	8196.64872
Dkk3	0.133869498	0.04455868	4735.708471
Rev1	0.133794599	0.037234085	2556.847918
Rgs7	0.133502817	0.035555212	3728.871427
Smc5	0.133422446	0.047572876	2450.758329
Thrsp	0.133414894	0.036445519	25.67353828
Hectd2	0.133134742	0.035911336	5397.555528
Socs5	0.132760663	0.045209413	3700.131968
Slmap	0.132545755	0.027603195	3301.327518
Pak1	0.132539731	0.03948995	6099.531246
Prnp	0.132408181	0.045575544	17020.45414
Gabbr3	0.131744427	0.019521902	8594.68514
Casc4	0.13149453	0.020647018	7896.475483

Stx1b	0.131166274	0.023831067	7580.138954
Syn1	0.131119961	0.005782698	31031.66261
Setd5	0.131022281	0.017092281	9729.200046
Idh3a	0.130537278	0.02994488	9650.632023
Syt11	0.130411679	0.009946094	19037.80031
Ei24	0.130041769	0.036156324	3943.478981
Matr3	0.129956455	0.01957617	21801.02353
Cnksr2	0.129093677	0.019314735	6369.906766
Frs2	0.128845277	0.03806875	3821.230751
Mgat3	0.128670755	0.043383214	5755.085099
Ctnnb1	0.128392582	0.01797505	13404.37922
Itm2b	0.128145055	0.01356512	7888.291429
Cul4a	0.127992232	0.039409348	2785.769099
Pds5b	0.127903237	0.031269117	5383.544185
Hspa4l	0.12742128	0.039633774	4551.109153
Disp2	0.126961916	0.015701317	18229.73253
Nptn	0.126668573	0.008704452	17024.39607
Fgf13	0.12649576	0.032300228	14202.0198
Slc35f1	0.12605776	0.021602653	6092.887361
Csnk1g3	0.12347723	0.041772069	3827.511176
Calm2	0.123081514	0.016084735	19751.91629
Megf9	0.122873112	0.033674164	5625.783733
Napb	0.122792613	0.01964324	6095.30211
Lpin2	0.122097639	0.040329245	4181.694533
Rab6b	0.122050331	0.006755664	54015.50188
Sptan1	0.121681262	0.038167239	80438.5209
Serinc1	0.121030438	0.032725243	36135.57062
Fam8a1	0.12066188	0.022250269	4526.018802
Slc24a3	0.120213009	0.038774728	6462.457596
Olfm1	0.11943659	0.019649185	26959.08304
Capza2	0.118974852	0.04675949	7332.697098
Sdcbp	0.118858139	0.04525858	12678.77421
Ddx5	0.115864135	0.031773849	22328.56497
Dnaja1	0.115783935	0.036140518	12200.94681
Arhgap35	0.115225719	0.007896892	20978.23073
Pja2	0.114919164	0.01280438	28686.84619
Gtf2i	0.113888802	0.031451136	8194.665861
Nell2	0.112864452	0.024867804	39312.96066
Cyfip2	0.111822693	0.021705245	24395.62578
Rapgef2	0.111517165	0.042690403	8285.58566
Synj1	0.110547753	0.034407116	16551.97847
Nsf	0.107411682	0.03960839	23511.06626
Btbd1	0.106303222	0.049666127	6162.626874
Epb41l1	0.105470418	0.037593247	20662.86823
Rtn4	0.096876025	0.037187209	31115.08662
Nfix	-0.110563022	0.049667608	12417.95849
Acat1	-0.116744033	0.027711072	6576.780296
Insig1	-0.117682311	0.018107757	15899.26348
Srsf2	-0.118181324	0.046487251	5383.602643
Wdr6	-0.118737067	0.006509217	19708.29178

Iqsec3	-0.119565899	0.006743086	19135.97203
MGC109340	-0.119807305	0.039696721	9315.239623
Mllt1	-0.120726559	0.029394332	5573.720608
Dync1i1	-0.122315747	0.031961947	8981.384964
Dcaf11	-0.123742004	0.026306541	3948.176401
Ldha	-0.128147186	0.006392933	24191.84997
Ftl1	-0.129193544	0.020433217	16191.05288
Dgkq	-0.129452787	0.037862123	2770.198157
Mtss1l	-0.129614967	0.008941635	11049.97032
Cyp51	-0.129855477	0.019100745	21070.54808
Rps14	-0.129980798	0.036265139	2893.116292
Cyb5r3	-0.131390394	0.019899477	5739.67355
Ppp1r11	-0.131545442	0.044481836	3230.280045
Narf	-0.132044219	0.047604542	4632.204724
Caly	-0.132317573	0.022173727	9000.852266
Tspyl2	-0.13274872	0.017175598	4577.382181
Dhcr24	-0.133444682	0.020916955	7474.753961
Aacs	-0.134128464	0.016386327	5434.349509
Gpsm1	-0.134699014	0.018747476	4438.014035
Itpa	-0.134843476	0.029820132	2523.283255
Psd	-0.135056387	0.038167239	12479.70467
Samd4b	-0.135206931	0.031269117	5545.716765
Rpl13	-0.135499689	0.016741606	4879.646375
Fcho1	-0.135608792	0.024512513	4564.496024
Sema4f	-0.136554183	0.038681754	2629.643238
Fbxo33	-0.13677771	0.042428917	2821.212711
Ttl	-0.136997779	0.040726767	2543.719212
Tmem35	-0.13727865	0.012843999	19037.71954
Def8	-0.13729956	0.049667608	1675.865592
Ldb1	-0.138387866	0.027715469	2498.595066
Ncln	-0.140750018	0.031666327	4251.966458
Szrd1	-0.141389878	0.030623371	1835.984844
Lrrc73	-0.141464936	0.042270305	3129.362923
Fv1	-0.141495507	0.014103773	3571.516195
Flrt1	-0.14155098	0.038087835	2167.928251
Rnf40	-0.141686328	0.024005584	2766.474983
LOC689986	-0.141814962	0.028223812	4236.781548
Os9	-0.14245177	0.009963459	4532.618141
Tmem132a	-0.142788732	0.025863017	28212.87976
Sipa1l2	-0.143846684	0.034825167	3559.849951
Nck2	-0.144308673	0.033674164	3041.989438
Cnrip1	-0.145004719	0.006010507	7367.655376
Zdhhc9	-0.145348994	0.045606395	2788.149594
Syt4	-0.146149238	0.012092199	17234.58824
Tra2b	-0.146436558	0.032738786	3900.987227
Hmg1l1	-0.146769006	0.044193656	1461.090655
Kcnf1	-0.146777804	0.040701569	1710.226751
Rhot2	-0.146859083	0.032155476	2841.279938
Pgm2	-0.147788699	0.035577319	2361.147748
Ddx41	-0.148014332	0.023453498	2098.00195

Slc3a2	-0.148174612	0.026920975	6530.006198
Smpd3	-0.148302547	0.002727652	8063.141022
Dnajb11	-0.149025576	0.013302279	2663.94204
Lrfn4	-0.149363197	0.037862123	4110.209538
Smyd2	-0.150283156	0.022780372	1985.916693
Katnb1	-0.150337847	0.02371892	1872.599793
Dcaf15	-0.150717524	0.033191583	1427.968526
Map3k9	-0.151786467	0.037674776	3682.188126
Mrps25	-0.15190369	0.045416803	1221.428392
Gorasp1	-0.153088008	0.031862741	1875.14548
Asns	-0.153462747	0.047504241	5055.362713
Lrrc16b	-0.154052609	0.012302923	7501.06349
Mib2	-0.154438709	0.00622509	5609.629034
Mvk	-0.154663112	0.036713912	1203.638273
Aco1	-0.154739405	0.035137188	2667.746485
RGD735029	-0.15527484	0.040726767	2124.202208
Abhd17a	-0.155286304	0.030623371	3344.219344
Capn10	-0.155602768	0.020711458	1640.832638
Enthd2	-0.156602163	0.017435184	1965.464151
Slc2a8	-0.157364769	0.03840161	1529.949015
Preb	-0.157657038	0.014278703	1822.659719
Hs6st3	-0.158448318	0.026306541	1708.08383
Atp13a2	-0.158618493	0.003842614	17516.51094
Xpo1	-0.158772985	0.026308346	7434.82039
Emc10	-0.159631174	0.032300228	3502.695272
Vps18	-0.160050672	0.02379866	1451.608769
Hyou1	-0.160654579	0.018133943	10132.17874
Yars	-0.161214915	0.005757119	6972.529571
Rab4b	-0.161241543	0.024135793	2204.927044
Marcks1	-0.161503485	0.019653023	3199.620277
Marcks	-0.162186523	0.001627248	6429.846404
Dhcr7	-0.162351599	0.002606092	5849.399591
Fam127b	-0.16246688	0.026529191	1968.310832
Rdh11	-0.163100651	0.029549898	1781.020994
Sidt1	-0.164258394	0.024154142	1585.233265
Eif2ak4	-0.164623341	0.044356284	1694.8647
Sfxn3	-0.165139586	0.003842614	6889.065994
LOC100151767	-0.166708181	0.029803431	1757.633326
Fgfr1	-0.167099153	0.000760744	18768.99173
Nucb2	-0.168332751	0.045017366	1575.931155
Lss	-0.168729147	0.049093894	7529.080521
Trappc9	-0.169252006	0.015724316	1813.52055
Fbxw4	-0.170083322	0.026264615	1112.575656
Manf	-0.170544042	0.037234085	1314.623272
Usp2	-0.171389674	0.023228425	1488.915097
Ift20	-0.17178581	0.024912427	1231.5298
Man2c1	-0.17241233	0.00562203	2709.178706
Zfp428	-0.172547593	0.039633774	1413.703096
Efnb3	-0.173152926	0.015323464	15159.03545
Ddt	-0.173344954	0.022422785	1440.282431

Prr5	-0.173395804	0.026306541	1299.249269
Sertm1	-0.17346466	0.046494305	2196.952349
Cxadr	-0.17376222	0.025150071	4772.415751
Masp1	-0.174291955	0.028288746	3178.963637
Qdpr	-0.174391926	0.003624003	2216.483717
Arsb	-0.174828367	0.032738786	1229.041036
Adck4	-0.174906286	0.03960839	1044.431499
Lmf2	-0.175001035	0.045388233	1047.440315
Zfp414	-0.175237127	0.038365243	761.2898953
Elavl4	-0.175415905	0.005951774	2164.659295
Bbs1	-0.175747889	0.00290569	2160.645612
Rara	-0.175823164	0.011154981	1326.70723
Xrcc1	-0.175968159	0.017092281	2113.517015
Sarm1	-0.176712761	0.007394237	2657.668518
Pkia	-0.17693401	0.003308239	9096.909111
Vash2	-0.177021605	0.035555212	1207.896764
Tmem109	-0.177471676	0.040208581	675.8083568
RGD1306954	-0.177497424	0.03207304	859.4668455
Tbc1d8	-0.177751547	0.037187209	982.601992
Cdk5rap3	-0.178223681	0.032738786	813.5923906
Banf1	-0.178374133	0.025019082	1367.482056
Dkc1	-0.178593481	0.014103773	1645.450232
Mif	-0.178903971	0.003758213	4979.434483
Rnpepl1	-0.178992833	0.048767319	625.4348509
Fdps	-0.179265535	0.001357429	13788.94263
Rps6ka1	-0.17972412	0.028611105	903.0448345
Stk11ip	-0.180373513	0.005885685	1828.83039
Slc2a2	-0.180544047	0.034106693	71.81343849
Dnaaf5	-0.181551846	0.042431638	572.4544476
Rnf7	-0.181709512	0.037234085	750.0450928
Oat	-0.18198256	0.002222624	3732.455834
Hmga1	-0.18241833	0.026264615	1080.050174
Nup210	-0.182519387	0.025950057	2362.293218
Pxmp4	-0.183335937	0.015842551	1125.207257
Rreb1	-0.183336497	0.004709091	3635.679917
Hcn4	-0.183611425	0.043159345	814.9062958
Rps20	-0.183685507	0.001848085	2513.509501
Smyd5	-0.183843083	0.037439787	888.1685471
Cbx8	-0.183855493	0.044532437	577.8789403
Meaf6	-0.18390788	0.026306541	1157.855806
Pcsk5	-0.184702147	0.011742118	2109.663882
Nphp1	-0.184923574	0.020644183	963.0077048
Actr3b	-0.185012518	0.014383873	3114.950149
Elmo1	-0.185671243	0.010842481	2369.676789
Spcs3	-0.18604399	0.011200977	1405.410754
Sec61a1	-0.186148429	0.011465658	7083.855188
Xkr6	-0.186183515	0.042428917	608.9081495
Pdpf	-0.186205449	0.007818611	2155.412642
L3mbtl2	-0.186570357	0.007073671	1969.649582
Slc7a5	-0.186593926	0.025746505	8217.350273

Chkb	-0.186971991	0.002727652	1817.474677
Lmna	-0.187169179	0.002727652	3338.493224
Camk1g	-0.188495271	0.00114407	3523.295723
Carkd	-0.188558028	0.019683669	914.8501498
Msto1	-0.188999115	0.025863017	780.9844621
Cdh13	-0.18919545	0.000546315	10349.52773
Acot3	-0.189660228	0.046813713	482.8290788
Asic2	-0.189741601	0.008952814	3717.98889
Akap17a	-0.189821973	0.00169723	1914.144057
Dusp4	-0.189923026	0.001311582	5145.952515
Sdr39u1	-0.190173808	0.006377434	1327.630156
Gpr19	-0.190505616	0.041441588	554.6865046
Ntng2	-0.190723439	0.001119195	6328.864021
Usp36	-0.190782263	0.018107757	2351.076513
Ier2	-0.190807458	0.020647018	967.5433943
Sorcs2	-0.190826722	0.000790766	14296.15996
Fam214b	-0.19142512	0.010376237	1169.113428
RGD1562310	-0.191442033	0.046006438	1225.592495
Ablim3	-0.191446632	0.022602741	2357.211263
Rbm3	-0.191697897	0.000324575	6470.632477
Gpd1l	-0.19171841	0.00758592	1474.085964
Emx2	-0.191864009	0.016898182	900.306781
Tchp	-0.191988346	0.033722222	560.2892048
Foxp4	-0.192964407	0.031269117	604.7074637
Tle2	-0.192979711	0.009873299	1110.354615
Acat2	-0.192992587	0.001415587	5094.636155
Cstf2	-0.193014508	0.003973489	9476.421144
Commd4	-0.193063257	0.003888324	1336.433484
Trim67	-0.193805341	0.028765717	982.1116548
Col7a1	-0.194325096	0.038096971	61.33143049
Rasl11b	-0.194580878	0.017955801	3246.260482
Ccdc64	-0.195362617	0.001416265	2755.826652
Mob3a	-0.195741344	0.01214277	1058.782488
Ubxn8	-0.195857384	0.048767319	392.8390031
Mmp24	-0.195907551	0.002548495	7653.764753
Sec24d	-0.196396511	0.014274816	1925.116426
Inpp4b	-0.196581685	0.049890964	558.9146342
Frmd6	-0.196704067	0.044728247	532.6994759
Stk40	-0.197009471	0.001597734	2492.451556
Pafah1b3	-0.197226426	0.030427729	741.1107438
Kiaa0895l	-0.197548281	0.000280169	4387.311518
Itfg2	-0.198281463	0.038313379	393.4827854
Chst11	-0.198589444	0.005306701	1129.208721
Mrpl54	-0.198834226	0.026572065	542.2630052
Ccnd3	-0.198872547	0.006001738	1303.342845
Brd9	-0.199106476	0.003984275	3685.02162
Osbpl7	-0.199188074	0.012749658	992.3139921
Mafk	-0.199703005	0.018133943	668.9037489
Tmem184b	-0.199793309	0.002039889	3333.171727
Ptp4a3	-0.200014893	0.006975891	1158.062511

Adck5	-0.200143225	0.017566277	713.7550481
Sept6	-0.200685043	0.001941944	2858.374807
Ogfod2	-0.200965285	0.041572563	406.6506856
Ppp2r3b	-0.201261101	0.020625384	581.2433248
Pak6	-0.201330501	1.46E-05	10202.93101
Midn	-0.201514661	0.002436608	3127.762647
Lrrc20	-0.201655255	0.040726767	351.639929
Uck1	-0.202156185	0.003074395	1431.892414
Ntsr1	-0.20241224	0.037187209	432.3545427
RGD1311946	-0.203460308	0.003714202	1601.531235
Ddah2	-0.204321278	0.015695664	865.1468937
Aldh2	-0.205016034	0.013719224	697.9749779
Adamts15	-0.205036063	0.02994488	504.6807148
Slc16a13	-0.206260763	0.039724849	312.2795162
Arnt	-0.206385663	0.016898182	854.8029212
Hdac5	-0.206495942	7.85E-06	7890.490885
RGD1564149	-0.206643008	0.010379596	41.69968992
Nr4a2	-0.206652833	0.016502699	4286.891831
Rell2	-0.207804727	0.000204269	3273.094129
Rgs9	-0.208046723	0.043578428	398.5167937
Alkbh7	-0.208110218	0.03960042	377.2968187
Per1	-0.208135742	6.80E-05	5236.680247
Mcm5	-0.208157511	0.028969763	70.52304839
LOC100911483	-0.208244633	0.001899058	1454.165552
Stac2	-0.20842067	0.013625319	969.6880509
Hexdc	-0.20864382	0.007698632	1289.061061
Mrpl23	-0.209867007	0.031181184	426.1640242
Cirbp	-0.210122643	0.00273804	2532.117226
Hmgn2	-0.21024844	0.013162296	3643.579564
Tenm3	-0.210519343	0.013760079	4314.183822
Tmem242	-0.210847219	0.014383873	620.1027215
Eln	-0.210963292	0.041640941	196.3027036
Lef1	-0.211240935	0.033475251	467.717839
Dnaaf2	-0.211464943	0.012843999	835.1668403
Eml2	-0.211670618	0.000264131	5262.66834
Lime1	-0.212437431	0.019242479	936.6177593
Tfr2	-0.212977499	0.043706542	241.0457746
Npas2	-0.213427915	0.002369065	1365.459463
Sczep1	-0.213784958	0.002120398	1300.474667
Hcn3	-0.215047918	0.002250206	2165.473934
Hes6	-0.21518026	0.000534567	2547.846058
Gpr88	-0.215358743	0.021594925	570.9437371
Sema3a	-0.215479311	0.037234085	302.2500113
Klhdc8b	-0.215814437	0.002336462	1796.740672
Gle1	-0.216159584	0.010457903	658.0566415
Pla2g4b	-0.216630195	0.024452038	602.1985367
Angel1	-0.217001165	0.018133943	809.3068029
Dusp1	-0.217110032	0.038337659	2269.677968
Slc6a11	-0.217795648	0.008633047	2041.187543
Hadh	-0.21892057	0.025863017	393.3813968

Cdc14b	-0.21948727	0.036142433	183.7453137
B3gnt7	-0.219533633	0.029088756	105.4845423
Ick	-0.219963578	0.002444179	1825.237897
Srrd	-0.220195336	0.014715631	500.1472424
Csrnp1	-0.220349571	0.005808726	1171.458682
Kif13a	-0.22050031	0.003360514	2559.332476
Crh	-0.220699308	0.005101587	63.38862689
Snapc1	-0.22073983	0.025863017	349.7787989
Rpp21	-0.221530606	0.021602653	399.402146
Stac3	-0.222471074	0.012617795	91.56365627
Zdhhc4	-0.223404392	0.011772009	492.071969
Psat1	-0.224856256	0.006001738	1492.997303
Rfx5	-0.224981958	0.006898375	1475.334403
Padi2	-0.225275392	0.026658114	312.5155573
Rasd2	-0.225309139	0.000398728	4864.19585
Sfxn4	-0.225317229	0.024912427	396.4758787
Trim66	-0.22545421	0.012092199	640.9720931
Il6r	-0.226822988	0.000790766	1570.922549
RGD1308134	-0.227173882	0.012501191	567.7421525
Atf5	-0.227740385	0.007986809	1757.395429
Ppp2r3a	-0.22813542	0.010760035	1661.291414
Acaa1a	-0.22918768	0.004779033	1079.709976
Sesn2	-0.229948086	0.00399563	4221.887056
St3gal1	-0.230232838	0.017435184	474.6394108
Fhod3	-0.230363301	0.007279112	1335.001511
Pde8b	-0.230667289	0.011675501	445.1923249
Vegfa	-0.230742871	0.001476652	6997.175487
Qsox1	-0.23153802	0.001360801	1293.292907
Rapgef3	-0.231666466	0.021172303	365.3229607
Gys1	-0.232488109	0.00273804	1231.376247
Lgi2	-0.232580172	0.020647018	4443.071685
Pcdh8	-0.233137962	1.19E-05	14576.58915
Ece1	-0.233172997	0.002438336	1948.004032
Calb2	-0.233665068	0.018485231	595.8373326
Slc7a8	-0.233862852	7.19E-05	4785.489966
Eefsec	-0.234455947	0.009367764	441.015876
Sult2b1	-0.234504918	0.010672682	507.5982948
Rtkn2	-0.234878551	0.021235449	144.557764
Fam213a	-0.235111206	0.000171169	2243.509627
Cep89	-0.235477505	0.00268119	924.7888818
Slc17a6	-0.237727125	0.00516921	1689.182537
Tmem151b	-0.238730109	3.48E-05	2986.424127
Hsd17b10	-0.238738188	0.002816022	638.9931662
Leng1	-0.238964206	0.013625319	349.3941106
Slc26a6	-0.239820082	0.002548495	728.490878
Arhgdib	-0.240334662	0.018682314	188.6029068
Cflar	-0.240573302	0.004262633	694.5461305
Cars2	-0.240616264	0.008078978	492.6759878
Acta2	-0.242483346	0.014103773	169.7679179
Chodl	-0.242647057	0.00987797	103.0262314

Mylk	-0.242873597	0.011321492	551.3400964
Plxnd1	-0.244491546	0.000191433	3272.018751
Gcat	-0.244701705	0.007377942	526.5657014
Pycr1	-0.247456299	0.011193098	451.5366342
Wfs1	-0.24786643	0.003360514	2152.930051
Adamts18	-0.248265035	0.006203705	971.6864208
Grem2	-0.248428885	0.002727652	688.9773725
Tox	-0.248558968	0.01398471	340.6966842
RGD1563348	-0.249861369	0.001623728	954.6037603
Podxl2	-0.249898917	8.29E-06	6356.98046
Grip2	-0.249966453	0.006602808	619.3459787
Pdxk	-0.250034694	0.000586251	1099.550566
Fam107b	-0.250924998	0.00383645	872.8770074
Nfil3	-0.250928971	0.001750898	3625.938557
Hsd17b7	-0.251171224	0.002548495	1564.642416
Kcnk3	-0.251178643	0.006439344	355.1881694
Ndrgr1	-0.252085791	0.004044993	1088.076688
Arid5a	-0.25271094	0.002727652	843.6318161
Sdf2l1	-0.252784653	0.01214277	160.5646015
Triobp	-0.25278735	0.004240407	731.6101023
Myof	-0.253355827	0.003963291	1520.351461
Gpc2	-0.254500677	0.011321492	174.7472328
Ppp1r15a	-0.254944185	7.45E-05	2374.156559
Galt	-0.254962875	0.011313193	187.5153716
Ankrd44	-0.255530485	0.004069515	1057.313878
Gm2a	-0.255563091	0.000654731	1174.398623
Slc25a1	-0.255730725	0.00010236	3317.484611
RGD1312005	-0.256956633	0.001554886	1238.236306
Dcn	-0.25750334	0.005410668	815.234834
Npr3	-0.260402667	0.00758592	177.1883866
Bace2	-0.260741737	0.002598327	756.6836332
Nkd2	-0.26170455	0.006267496	346.3941424
Gch1	-0.262014988	0.005324123	145.4957673
Sapcd2	-0.262145182	0.008456706	179.0622427
Popdc3	-0.26311401	0.007024346	245.0036204
Stat5b	-0.265871998	0.000939987	768.6051844
Mvd	-0.265936188	1.30E-05	5554.860037
Trib1	-0.266438043	0.001239883	857.8521998
Crem	-0.26659047	0.001005537	793.3791445
Plagl1	-0.268429399	0.002548495	1730.429979
LOC691153	-0.268739961	0.003848642	703.2379643
Fam213b	-0.271959226	0.003624003	377.1517883
Lpin3	-0.273511997	0.005008161	237.4688015
Wdr63	-0.274855668	0.005138474	217.9736708
Prrt4	-0.27524002	0.001077181	651.7773875
Pycr2	-0.275588611	0.000786668	546.0111107
Fam184b	-0.276435039	0.000243136	1179.414226
Anks6	-0.278063421	0.001139593	572.8278015
Chst8	-0.27868095	0.001140101	663.5881162
Fxyd6	-0.279320956	0.000406397	3037.299641

Fyb	-0.279588764	0.002731893	129.9391462
Xylb	-0.279917774	0.000966156	1628.708914
Dusp5	-0.28063319	1.86E-05	1565.328605
Yif1a	-0.280973665	0.00273804	281.279439
Kif26a	-0.281079133	0.00273804	355.8959631
Fam163b	-0.28368748	0.000279846	1471.427817
Rbm11	-0.285839081	0.000846465	537.3931964
Rnf152	-0.286839922	0.001896337	721.5876847
Rcan2	-0.288943675	0.002787057	4843.507141
Fchsd1	-0.290139903	0.000652218	725.8925563
Fam46a	-0.291289346	0.00254699	144.651318
Tmem163	-0.293888935	0.00069968	1452.510202
Etv1	-0.294248781	2.58E-06	3057.471707
LOC499781	-0.295551986	0.00222858	185.5680812
Chn2	-0.297751823	0.000275985	1154.360664
Hdac11	-0.298056029	0.00010236	1388.623042
Il3ra	-0.29915161	0.000356778	658.3031545
Cort	-0.307081912	0.001255129	199.573852
Rasip1	-0.308561603	0.000232158	758.0603055
RGD1310769	-0.309027665	3.21E-05	2235.076835
Hebp1	-0.309263423	0.000796572	327.7390582
Rgs6	-0.312079489	0.000941844	412.5388685
Scarf2	-0.315247743	0.000717163	285.2182528
Snx8	-0.318217595	0.000148329	497.7414144
Adcyap1	-0.319921738	0.00010236	817.1034269
Scly	-0.324599813	2.57E-05	654.8930901
Creg1	-0.32536733	2.82E-05	1235.874134
Nexn	-0.327881859	0.000170926	843.8472542
Maff	-0.345781947	0.00022644	204.9295121
Epha10	-0.373745051	1.46E-05	514.4357831
Lgr5	-0.383027426	2.02E-05	171.8139932
Sik1	-0.459470757	8.34E-09	1542.23405
Tpbg	-0.464807337	5.50E-09	1877.34536