

Gene	HR	z	pvalue
AP003555.2	1.330493	4.417954213	9.96E-06
AC093895.1	1.253708	4.129861763	3.63E-05
AC010973.2	1.544245	3.873073185	0.000107
LINC02474	1.139525	3.84113153	0.000122
AC133528.1	1.394839	3.803070026	0.000143
AC010997.3	1.364625	3.694718442	0.00022
AC020891.2	1.316442	3.6731561	0.00024
AL645608.7	1.320315	3.668861483	0.000244
AP006284.1	1.336927	3.560103181	0.000371
LINC02257	1.228516	3.535941791	0.000406
MIR4713HG	1.345427	3.345438865	0.000822
AC008494.3	0.681809	-3.169523854	0.001527
LINC02159	0.828035	-3.167242842	0.001539
MAFTRR	0.771513	-3.100216486	0.001934
FLJ21408	1.376517	3.022177326	0.00251
AC156455.1	1.212223	3.000624242	0.002694
TMEM132D-AS1	1.1163	3.00055834	0.002695
AC010536.1	1.369415	2.983378482	0.002851
LINC00174	1.383565	2.941419949	0.003267
HOTAIR	1.119041	2.858733459	0.004253
LINC01836	1.270679	2.856308583	0.004286
AC005520.2	1.281631	2.801794056	0.005082
AC127024.4	1.27024	2.799609196	0.005116
AC005865.1	1.22964	2.797114094	0.005156
LINC02542	1.175637	2.766595827	0.005664
AC105219.1	1.196138	2.75540805	0.005862
AC073283.1	1.199053	2.740792797	0.006129
AP006621.2	1.24208	2.724279005	0.006444
AC018653.3	1.292644	2.719300536	0.006542
AC006206.2	1.129627	2.718780004	0.006552
AC131532.1	1.152669	2.706159488	0.006807
AL109811.1	1.321832	2.689036512	0.007166
LINC01980	1.145833	2.675023507	0.007472
AC012531.1	1.153796	2.670425549	0.007576
LINC00513	0.838048	-2.66086376	0.007794
AC011462.4	1.334942	2.660555433	0.007801
TSPEAR-AS1	1.175494	2.655193366	0.007926
AP000525.1	1.158154	2.640906836	0.008268
PCAT6	1.343613	2.635177648	0.008409
AC145423.3	1.285371	2.626885545	0.008617
TSPEAR-AS2	1.148144	2.618001455	0.008845
DNAH17-AS1	1.186368	2.61387981	0.008952
AC067930.5	1.185486	2.597487078	0.009391
ZKSCAN2-DT	1.316333	2.588930558	0.009627
AC027796.4	1.290867	2.545817595	0.010902
AC009996.1	1.243254	2.530800906	0.01138
AL645608.2	1.165315	2.5079148	0.012145
LINC02428	1.150154	2.507788779	0.012149
SNHG16	0.624098	-2.50387058	0.012284
AC073111.1	1.237823	2.50003881	0.012418
AFAP1-AS1	1.071303	2.472355805	0.013423
LINC01419	1.176264	2.464266346	0.013729
AC007608.3	1.186415	2.459614076	0.013909
AC009318.4	1.196228	2.449940049	0.014288
FALEC	1.25475	2.428581232	0.015158

LINC01485	0.882316	-2.414422142	0.01576
AC008105.1	1.240633	2.399380382	0.016423
U91328.1	1.43465	2.388858145	0.016901
AC009318.1	1.190164	2.386751459	0.016998
AL590483.1	0.843197	-2.377064415	0.017451
AC025165.1	1.209668	2.37450902	0.017572
AC010536.2	1.16068	2.357324934	0.018407
LENG8-AS1	1.325841	2.3545224	0.018547
ALMS1-IT1	1.219781	2.354208765	0.018562
AC073611.1	1.453671	2.334972829	0.019545
AC004080.1	1.115156	2.332713491	0.019663
AL592211.1	1.242672	2.330308896	0.01979
AC105219.3	1.226832	2.312807248	0.020733
AL451050.2	1.251706	2.311527795	0.020804
AC022075.1	0.892241	-2.307314181	0.021037
AC104819.3	0.800794	-2.30526402	0.021152
AP001469.3	1.344791	2.304737081	0.021181
AC022613.2	1.306794	2.303513576	0.02125
ITGB1-DT	1.241866	2.297777195	0.021574
AC016949.1	1.195067	2.293681101	0.021809
LINC00114	0.879694	-2.287744683	0.022152
AL161452.1	1.283056	2.279908208	0.022613
PLS3-AS1	1.193779	2.275031839	0.022904
AL137145.1	1.184127	2.272761366	0.023041
WASIR2	1.15698	2.272287269	0.023069
AL442125.2	1.214768	2.270294658	0.02319
AL354836.1	1.269205	2.256488747	0.02404
AL158166.2	0.802942	-2.250730103	0.024403
AC104823.1	0.917706	-2.249733609	0.024466
AL354993.2	1.15857	2.249653106	0.024471
AC016027.1	0.742778	-2.243573575	0.02486
AC021028.1	1.19438	2.242601935	0.024922
AC063948.1	1.242443	2.239102656	0.025149
AC010463.3	1.282496	2.239066533	0.025152
AC005993.1	1.116686	2.238165116	0.02521
AC105137.2	1.251334	2.232147346	0.025605
GAS1RR	1.185437	2.232125333	0.025607
AL591845.1	1.164551	2.229191393	0.025801
AC013652.1	1.146779	2.228940509	0.025818
AP002907.1	1.224614	2.222772595	0.026231
AC245884.8	1.209129	2.22067367	0.026373
STPG3-AS1	1.17344	2.218280631	0.026536
AC008147.2	1.169158	2.200400385	0.027779
NBAT1	0.77499	-2.183746641	0.028981
AP001542.3	0.774181	-2.182883252	0.029044
AL662844.4	1.333139	2.182143488	0.029099
AC244100.2	0.817052	-2.180029256	0.029255
RDH10-AS1	1.172727	2.174793823	0.029646
AC104667.2	1.213782	2.170181243	0.029993
AP001160.4	1.225987	2.163657869	0.030491
AC024560.3	1.205792	2.159389747	0.03082
AC004009.1	1.115439	2.157524295	0.030965
AC012360.3	1.298181	2.154684028	0.031187
NALT1	1.196322	2.13156853	0.033042
PSPC1-AS2	1.236076	2.130688223	0.033115
AC092535.4	1.213137	2.129521701	0.033211

AC004854.2	1.186815	2.126798463	0.033437
SNHG7	1.287128	2.123740726	0.033692
CASC9	1.11988	2.119552026	0.034044
AC012313.5	0.811085	-2.111958869	0.03469
AL031670.1	1.217298	2.111234496	0.034752
HOXC-AS2	1.118818	2.106822438	0.035133
LINC01602	1.098256	2.103391162	0.035432
AP001043.1	0.875542	-2.101507103	0.035596
U47924.1	1.204427	2.082266105	0.037318
AC010422.2	1.227958	2.082184088	0.037326
AL049869.3	1.182122	2.081486471	0.037389
Z97192.1	1.133286	2.081074879	0.037427
MIR31HG	1.118899	2.080535524	0.037476
LINC01252	1.153696	2.07868431	0.037646
AC010761.4	1.203764	2.07764957	0.037742
KC6	1.098493	2.07665994	0.037833
AC105429.1	1.184459	2.075334352	0.037956
AP001554.1	0.862779	-2.073376915	0.038137
LINC02041	1.135889	2.072400836	0.038228
BX470102.1	1.18074	2.069443864	0.038504
AC007128.1	1.1713	2.063733724	0.039043
AC118344.1	1.162889	2.063004907	0.039112
Z99289.2	1.196618	2.05580086	0.039802
MCCC1-AS1	1.226225	2.0541051	0.039966
ELFN1-AS1	1.148562	2.047984606	0.040562
DUXAP8	1.109388	2.047796004	0.04058
AL031985.3	0.78177	-2.047023072	0.040656
AL136115.2	1.169444	2.04437435	0.040917
ERVMER61-1	1.084702	2.036474165	0.041703
H19	1.086036	2.033093702	0.042043
FLJ16779	1.108106	2.031463958	0.042208
AC090181.2	1.16653	2.021648641	0.043213
HCG15	1.240039	2.018826485	0.043505
AL512306.2	1.174223	2.017484832	0.043645
C2orf48	1.164826	2.016079568	0.043792
AC011676.1	1.192533	2.013058876	0.044108
AC125616.1	1.136222	2.0107339	0.044354
AC005393.1	1.192468	2.005753942	0.044883
AC073335.2	1.219864	2.003565193	0.045117
AC007038.1	1.185125	1.996901591	0.045836
AC078795.1	1.19449	1.990967637	0.046484
ARHGEF26-AS1	1.132168	1.986475169	0.046981
AL365356.5	1.170138	1.986021483	0.047031
MELTF-AS1	1.258074	1.985445298	0.047095
AC109460.1	1.230229	1.979831405	0.047722
AL162582.1	0.915479	-1.978923786	0.047825
AL662890.1	1.173671	1.96883959	0.048972