

tracking_id	tss_id	group run locus	TBNK	TBNK
			20151218-B B-mock	20151218-B B-WT
GTF2IP4	TSS11873	chr7:72569011-	0.059369	0.0457993
SFSWAP	TSS2234	chr12:13219560-	15.3797	16.8784
TCF25	TSS9592	chr16:89939990-	41.7662	47.9697
ACIN1	TSS4768,TSS5	chr14:23527770-	46.9593	60.3966
MAF1	TSS7821	chr8:145159300-	35.4331	62.5973
ADCK5	TSS26708	chr8:145597700-	4.8755	4.44926
RBM22	TSS22984	chr5:150070350-	31.8755	32.4846
PEX16	TSS1757	chr11:45931210-	16.669	18.4239
CDK11B	TSS26050	chr1:15706020-	17.1287	19.2612
DPP8	TSS15025,TSS	chr15:65737990-	7.51267	8.49393
VRK3	TSS20932,TSS	chr19:50479720-	18.5058	15.6331
MCRS1	TSS11539,TSS	chr12:49952070-	13.0778	37.2294
SAP18	TSS7788	chr13:21714650-	32.7903	52.4698
FZR1	TSS23516,TSS	chr19:35062940-	12.4877	9.76105
MORF4L1	TSS18846,TSS	chr15:79165120-	42.3188	45.8444
ZNF76	TSS899	chr6:35227490-	9.26433	11.0025
CDK11A	TSS29832	chr1:16341690-	17.5751	22.5392
ROCK1	TSS33890	chr18:18529700-	18.369	16.1941
MTIF3	TSS24739,TSS	chr13:28009770-	13.9709	20.9186
IRF3	TSS21644	chr19:50162820-	33.472	42.7848
GPBP1	TSS14689,TSS	chr5:56469774-	23.2078	20.3608
BRAT1	TSS2146	chr7:25774430-	10.3122	15.3512
C7orf26	TSS4514	chr7:66296510-	8.20824	17.4386
ARMC8	TSS24717	chr3:137906080-	8.90286	11.3035
USP19	TSS2056	chr3:49145478-	9.25095	17.2079
ISY1	TSS29668	chr3:128846250-	6.2238	11.6403
DYNC1LI2	TSS11655	chr16:66754790-	12.7105	9.92218
RAF1	TSS12809	chr3:126250990-	28.5312	34.3325
UBE2D3	TSS11920,TSS	chr4:103715530-	48.1959	69.6386
RBM23	TSS24352	chr14:23369850-	26.7209	28.6656
GDAP2	TSS28468	chr1:118406100-	3.0013	2.8534
CNEP1R1	TSS15690	chr16:50059110-	8.18741	4.87669
USP8	TSS19547	chr15:50716570-	13.9287	9.85905
ARFGAP2	TSS32021	chr11:47185840-	18.6593	34.6786
COX4I1	TSS9672	chr16:85833170-	297.21	360.515
CAPN10	TSS2017	chr2:241526130-	7.51011	7.11793
RER1	TSS4742	chr1:23232130-	18.4011	23.0934
PPP4C	TSS3864	chr16:30087290-	34.8663	79.9634
CDK12	TSS31385	chr17:37617760-	11.9176	13.667
CRCP	TSS29464	chr7:65579804-	12.6571	18.0846
SLMAP	TSS28570,TSS	chr3:57742982-	7.92987	8.18581
OTUB1	TSS18233	chr11:63753320-	28.7238	46.9161
ANKRD11	TSS23154	chr16:89334020-	31.7127	31.1135
TSC2	TSS17626	chr16:20979890-	6.72807	10.1286
ZDHHC5	TSS18841	chr11:57435470-	15.3462	22.9379
RBM39	TSS818	chr20:34291530-	74.3096	63.4937
PRPF18	TSS464	chr10:13628930-	11.2192	14.1827
ATMIN	TSS28664,TSS	chr16:81069450-	6.70769	10.4865
RTF1	TSS22005	chr15:41709300-	19.0082	16.9069
C19orf43	TSS11791	chr19:12841450-	128.141	135.383
SART1	TSS19481	chr11:65729150-	19.1817	28.0885
C2orf49	TSS23835	chr2:105953810-	4.03627	5.51044

DCAF15	TSS18491	chr19:14063318	18.8486	16.6861
FAM32A	TSS27203	chr19:16296217	28.1243	40.5071
NAA60	TSS16194,TSS	chr16:3493667-	9.98334	14.5006
NEMF	TSS517	chr14:50250537	14.0459	14.5566
MON1B	TSS22585	chr16:77224815	10.5376	13.2137
SPDYE8P	TSS23798	chr7:74964559-	0.385397	0.420316
RAB1B	TSS23584	chr11:66036059	39.7294	57.0189
CWF19L1	TSS30036	chr10:10199209	12.1436	17.6143
ARL16	TSS17784	chr17:79648220	14.2237	15.8688
FASTK	TSS13329	chr7:150773707	13.38	19.6428
PCBP1	TSS3782	chr2:70314584-	205.225	309.842
ZFYVE19	TSS10802	chr15:41099270	7.46561	6.82667
UBAP1	TSS28129	chr9:34179002-	11.7854	12.6641
PPP4R3A	TSS26538	chr14:91923824	37.1304	33.6114
MUL1	TSS4015	chr1:20825940-	8.91572	11.3123
FGD5-AS1	TSS14136,TSS	chr3:14984285-	28.1444	20.7342
SMU1	TSS9168	chr9:33041849-	7.64458	10.2363
RAB2A	TSS9584	chr8:61429468-	13.8625	15.5334
PPP1R37	TSS2431	chr19:45596430	2.30518	3.78306
C16orf70	TSS12442	chr16:67143914	3.52557	5.35711
INO80E	TSS24428	chr16:30007529	17.5701	34.6387
RNF10	TSS27675	chr12:12097210	24.1986	30.4073
SNX6	TSS29598,TSS	chr14:35030617	24.4998	24.0047
DHX38	TSS6042	chr16:72127614	16.8926	30.8887
RBBP6	TSS27496	chr16:24550907	20.9051	17.6583
C18orf8	TSS10932	chr18:21083430	19.6635	19.264
STRIP1	TSS30235,TSS	chr1:110574198	13.4288	11.9993
RAB14	TSS20305	chr9:123940414	15.1276	21.4006
ABT1	TSS17124	chr6:26597170-	14.856	26.9008
ZNF24	TSS1956	chr18:32912177	23.7879	26.1217
BAP1	TSS9102	chr3:52435019-	18.1869	26.8688
STXBP3	TSS2186	chr1:109289284	20.0577	18.0023
MAU2	TSS17420	chr19:19431629	12.2959	12.4902
ZMAT2	TSS29013	chr5:140080037	49.1903	82.4851
ASB7	TSS21829	chr15:10114279	8.01292	4.7597
GPATCH8	TSS24216,TSS	chr17:42472644	13.2334	12.2389
GGA3	TSS5273,TSS5	chr17:73232680	11.8228	13.7171
PPP3R1	TSS12718	chr2:68405988-	23.0135	30.2248
PAIP2	TSS26596,TSS	chr5:138677520	53.5958	66.6282
TMEM248	TSS3143	chr7:66386202-	22.1104	21.1227
ZNF7	TSS28480	chr8:146052900	6.87009	9.88897
ATG4B	TSS34224	chr2:242577020	17.2596	18.0953
AKT2	TSS11078	chr19:40736220	17.0114	23.9797
EIF3G	TSS21803	chr19:10225689	78.0824	218.407
ATXN7L3B	TSS1925	chr12:74931550	24.2313	23.2074
ATRX	TSS33268	chrX:76760355-	12.9105	10.9952
SPDYE8P	TSS20198	chr7:74936532-	0.356659	0.429607
GIT1	TSS14537	chr17:27900480	11.5391	19.74
NAIF1	TSS12123	chr9:130823517	5.53536	3.4057
PPP6C	TSS13948	chr9:127908857	17.5254	18.8989
SELT	TSS17618	chr3:150321069	15.5568	20.6587
MAD2L1BP	TSS13691,TSS	chr6:43597278-	13.0411	22.6002
ZFPL1	TSS11619	chr11:64851690	7.99974	14.2778
SLTM	TSS2843	chr15:59171240	38.7284	37.62
HNRNPA0	TSS12465	chr5:137087070	55.3303	86.5024

PPP1CA	TSS11580	chr11:6716565-	92.2238	152.809
C1D	TSS8481	chr2:68269331-	11.0028	17.6263
LEMD2	TSS1754,TSS2	chr6:33738989-	18.2773	12.435
RLIM	TSS23684	chrX:73802810-	9.61225	8.81586
QRICH1	TSS14800	chr3:49067141-	26.5349	29.4571
FAM73B	TSS33158	chr9:13179925-	5.20514	8.27786
UCK1	TSS31168	chr9:13439918-	4.7896	10.512
ATG5	TSS20126,TSS	chr6:10663235-	7.95301	13.1513
ATXN7L3	TSS21578	chr17:4226917-	20.7476	26.9329
CWC25	TSS17234	chr17:3695668-	15.0652	12.3858
TINF2	TSS16084	chr14:2470885-	24.6686	25.4401
ZNF687	TSS13047,TSS	chr1:15125403-	8.61792	8.79615
GIGYF1	TSS5087	chr7:10027712-	16.5007	13.3147
AGAP5	TSS26074	chr10:7543403-	3.79634	4.45864
AP1G1	TSS7495	chr16:7176290-	14.7729	16.8494
MBTPS1	TSS30567	chr16:8408736-	14.2502	15.4974
SCAP	TSS27756	chr3:47455183-	8.98486	18.0342
COA5	TSS2672	chr2:99215785-	3.75118	10.0858
SHC1	TSS361,TSS92	chr1:15493477-	19.9608	21.5539
PIP4K2B	TSS25098	chr17:3692194-	9.66476	12.2228
WAC	TSS1314,TSS3	chr10:2882151-	24.7128	19.7893
UBXN6	TSS19242,TSS	chr19:4445002-	31.2692	43.3164
EIF5	TSS30490,TSS	chr14:1038003-	34.4719	38.8221
THUMPD1	TSS481	chr16:2074498-	8.71711	14.8966
UBE2J2	TSS28650	chr1:1189291-	11.9941	25.5187
TIA1	TSS30250	chr2:70436575-	12.2698	11.9001
CTBP1	TSS2515	chr4:1205227-	35.0554	59.6029
RAB11B	TSS26532	chr19:8455204-	34.6603	43.2006
MAP2K7	TSS22875	chr19:7968664-	15.0002	16.4323
BMS1P4	TSS10797	chr10:7545890-	4.46081	4.41085
WHSC1L1	TSS2579	chr8:38132560-	16.0118	11.2404
DYNC1LI1	TSS14187	chr3:32567462-	17.766	21.2031
CCDC97	TSS16141	chr19:4181609-	13.4912	15.158
TAOK1	TSS11559	chr17:2771794-	6.78022	5.82973
SON	TSS3580	chr21:3491534-	73.6834	70.1385
SCAF11	TSS13996	chr12:4631291-	26.4158	21.9401
ZFYVE27	TSS2182,TSS2	chr10:9949687-	12.1216	12.5276
AGAP6	TSS11217	chr10:5174807-	4.62192	8.07182
ASPSCR1	TSS30897	chr17:7993542-	8.74133	12.2734
KIN	TSS5975	chr10:7792924-	4.56181	3.33536
STAM2	TSS15044	chr2:15297331-	6.02722	4.87043
DHX8	TSS667	chr17:4156128-	13.8052	16.3264
LENG1	TSS5887	chr19:5465937-	9.85058	10.6283
MED21	TSS14157	chr12:2717545-	8.45857	6.52323
PTPN23	TSS9995	chr3:47422471-	6.99364	9.94304
FAU	TSS5832	chr11:6488809-	590.342	766.44
MICU2	TSS22278	chr13:2206682-	26.883	21.5124
ACAD10	TSS16110	chr12:1121238-	3.48959	3.81745
MAP2K2	TSS16355	chr19:4090319-	15.6364	30.4264
TSR2	TSS12942	chrX:54466852-	25.133	39.7437
RNF220	TSS28827	chr1:44870959-	18.5639	27.2217
SBDSP1	TSS3745	chr7:72299951-	15.4738	22.5549
ZNF324	TSS2566	chr19:5897841-	2.9253	4.46029
TBRG1	TSS31522	chr11:1244927-	7.62103	8.69433
C1orf52	TSS97	chr1:85715636-	4.52881	8.25028

CTGLF12P	TSS4144	chr10:49218158	2.13249	2.44349
RCHY1	TSS11963,TSS	chr4:76404246-	4.67604	7.26326
ALG13	TSS10166,TSS	chrX:11092434-	8.69943	8.17612
AGAP4	TSS11640,TSS	chr10:46321039	3.01457	4.30886
OAZ1	TSS13397	chr19:2269484-	587.705	808.825
MEPCE	TSS15654,TSS	chr7:10002641-	38.3678	38.7922
PGLS	TSS22404	chr19:1762243-	27.103	39.2103
C9orf114	TSS27974	chr9:131581929	9.2796	15.5576
TRIM33	TSS17915	chr1:114935398	10.2075	9.52895
PPP6R3	TSS21863	chr11:68228185	21.9324	23.5856
THAP7	TSS6477	chr22:21354060	14.5581	21.9537
TLK2	TSS24196,TSS	chr17:60556385	8.53476	5.45245
BABAM1	TSS19373	chr19:17378184	27.6868	46.7782
HGS	TSS24122	chr17:7965096-	25.2803	29.9511
MRPL43	TSS6939,TSS7	chr10:1027375-	25.418	46.9558
MYNN	TSS18300,TSS	chr3:169490852	5.26661	5.78601
WAC-AS1	TSS31002	chr10:28808845	2.73738	6.22369
EP400	TSS29217	chr12:13243446	5.27444	9.9393
POLR2J	TSS20688	chr7:10211354-	22.7483	56.0733
CIAO1	TSS14302	chr2:96931883-	16.1527	22.7346
TRNAU1AP	TSS31166	chr1:28879528-	8.26602	12.7383
DNM2	TSS20715	chr19:10828728	29.4709	43.197
SIN3B	TSS14665,TSS	chr19:1694019-	10.4308	9.18596
PARL	TSS17461	chr3:183547172	14.3634	33.0704
KPNA6	TSS32415	chr1:32573643-	12.3425	19.5876
ABCF3	TSS15975	chr3:183903862	15.1145	24.2892
MED12	TSS2362	chrX:70338405-	5.49836	8.10593
PRPF38B	TSS16673,TSS	chr1:10923493-	19.8421	26.447
CLP1	TSS20584	chr11:57425215	7.62121	17.9752
CXorf56	TSS33215,TSS	chrX:11867211	7.95465	13.6928
METTL14	TSS27497	chr4:119606524	5.88428	6.242
ZNF384	TSS10537,TSS	chr12:6775642-	17.0364	21.769
LARP7	TSS14783,TSS	chr4:113558115	27.4347	26.0839
CCDC59	TSS19271,TSS	chr12:82746082	12.6139	20.975
TEN1	TSS20001	chr17:7397529-	13.2081	15.2601
TAF1	TSS11682,TSS	chrX:70586088-	4.15068	5.64892
DEDD	TSS17040,TSS	chr1:161090768	10.8713	14.6048
KATNB1	TSS3187	chr16:57769659	5.34745	14.327
SERF2	TSS145,TSS18	chr15:44069290	60.4555	97.4255
DDX17	TSS25773	chr22:38879442	120.874	86.4463
RBSN	TSS18405	chr3:15111575-	3.65346	4.23774
UBA52	TSS32823	chr19:18682610	132.893	176.654
PHKG2	TSS8141	chr16:30759619	2.99439	6.16071
NUBP2	TSS31671	chr16:1832923-	13.0984	39.292
SPDYE8P	TSS26690	chr7:72490259-	0.332567	0.415901
RANBP3	TSS9154	chr19:5916150-	16.1803	23.9488
NBPF12	TSS28775	chr1:146373856	4.59643	2.42818
MKRN1	TSS28020	chr7:140152839	35.7957	26.2777
LOC285074	TSS9963	chr2:87257797-	13.6848	16.4588
NMT1	TSS26391	chr17:43138666	24.0861	34.8112
MTMR14	TSS2326	chr3:9691116-	24.0688	26.1709
RBM27	TSS24928	chr5:145583162	11.1513	11.969
PPP2R5A	TSS14131,TSS	chr1:212458878	15.9949	13.4554
USPL1	TSS14554	chr13:31191829	10.7434	7.96974
CREB1	TSS9655	chr2:208394615	9.81225	5.18448

VPS28	TSS10931	chr8:14564898	46.9684	60.6297
NELFB	TSS14877	chr9:14014975	23.1301	36.1056
RXRB	TSS23794,TSS	chr6:33161361	16.9763	23.9989
INO80	TSS32402	chr15:4127107	12.0894	12.3716
EPM2AIP1	TSS8333	chr3:37027356	8.03339	6.00533
PIKFYVE	TSS15602	chr2:20913099	13.8362	9.12113
AGAP7P	TSS26675	chr10:5146414	2.59536	3.42799
METTTL23	TSS22972	chr17:7472291	14.2236	18.7964
CCAR2	TSS23304,TSS	chr8:22462144	22.7569	43.7687
HNRNPK	TSS13291,TSS	chr9:86582997	64.5835	136.243
GLYR1	TSS7132	chr16:4853203	24.0903	36.2598
NBPF20	TSS19771	chr1:14414681	0.43982	0.246929
SH2B1	TSS26207,TSS	chr16:2885792	10.2459	8.12107
POLR2G	TSS28653	chr11:6252901	44.5754	100.792
SUPT4H1	TSS11415	chr17:5642253	27.9411	42.901
MED29	TSS5708	chr19:3988196	12.1749	12.2526
KCTD18	TSS26333	chr2:20135368	5.23731	4.99799
COPE	TSS18311	chr19:1901032	54.0409	127.89
MED13	TSS11534	chr17:6001996	12.7339	9.66653
TRAPPC8	TSS20	chr18:2940913	13.5024	10.3092
SURF1	TSS30361	chr9:13621865	15.7871	27.3324
C19orf52	TSS11269	chr19:1103942	6.22558	9.69501
HECTD4	TSS20191	chr12:1125979	7.46194	5.67001
RCOR3	TSS1298,TSS2	chr1:21143270	10.6211	6.04887
FEM1B	TSS13494	chr15:6857014	11.0786	9.96398
PPP1R12A	TSS10151,TSS	chr12:8016734	22.3209	17.3392
ASB8	TSS15899	chr12:4854157	12.5093	10.0277
UBE3B	TSS27651	chr12:1099154	6.65336	5.36582
KDM3B	TSS2776	chr5:13768828	20.7739	14.1879
VPS39	TSS25658	chr15:4245089	14.4504	14.874
B3GAT3	TSS212	chr11:6238276	9.10473	14.22
ZNHIT3	TSS10941	chr17:3484247	22.8245	44.3605
ZCCHC3	TSS32652	chr20:278203	13.4884	16.4412
ZDHHC6	TSS14202	chr10:1141900	15.0289	16.4677
RAB18	TSS1470	chr10:2779310	8.25919	10.2039
UBXN4	TSS29129	chr2:13649918	41.3929	32.0203
ZNF316	TSS12306	chr7:6676952	6.36148	5.40137
TAF8	TSS20803	chr6:42018250	8.83787	7.98896
IK	TSS7218	chr5:14002738	24.061	30.6672
LUC7L	TSS28202	chr16:238969	19.7098	23.0212
RPL38	TSS9858	chr17:7219979	1178.16	1206.55
ZNF507	TSS33015	chr19:3283651	2.99844	4.08476
BMS1P6	TSS41	chr10:4722557	0.624987	1.12772
SNX1	TSS13643	chr15:6438808	10.8591	11.449
NAPG	TSS33373	chr18:1052587	5.76942	8.74913
AGAP9	TSS31344	chr10:4821572	2.47955	2.09317
CLPTM1	TSS232,TSS23	chr19:4545784	23.6962	37.2882
MBD1	TSS10061,TSS	chr18:4779325	22.7747	23.0128
ERCC3	TSS25766,TSS	chr2:12801486	16.252	19.7752
DCAF11	TSS1854,TSS1	chr14:2458390	11.793	17.7136
CNBP	TSS13191	chr3:12888665	63.4451	150.177
SFT2D3	TSS25363	chr2:12845859	3.94169	3.88145
RIC8A	TSS17715	chr11:207510	18.3829	23.1741
TMEM170A	TSS32667,TSS	chr16:7547714	9.10789	9.63314
SMIM7	TSS16373	chr19:1675695	15.0175	26.4453

RUFY1	TSS19371,TSS	chr5:17897756-	15.5834	25.2704
RBM15B	TSS32491	chr3:51428698-	9.22885	14.5045
KBTBD4	TSS20130,TSS	chr11:47593748-	7.02477	6.29341
TOR1AIP2	TSS31330	chr1:17980910-	7.00864	9.09214
TTF1	TSS32171	chr9:135250936-	12.2901	11.5141
ORC4	TSS16772,TSS	chr2:148687968-	2.99825	3.25777
CRTC2	TSS13303	chr1:15392014-	16.87	19.747
AKAP10	TSS31000	chr17:19807764-	7.84417	7.87448
EIF3K	TSS14197,TSS	chr19:3910971-	104.286	243.513
ZDHHC3	TSS27184	chr3:44956752-	2.33044	3.21369
PRPF4B	TSS1535	chr6:40215684-	14.6658	16.5658
GBA2	TSS12794	chr9:35736862-	15.2293	16.7316
NBPF11	TSS26583,TSS	chr1:14603254-	6.64059	4.17201
SAR1B	TSS31894	chr5:133936838-	3.79054	5.55793
STUB1	TSS11458	chr16:730110-	22.6941	47.3794
CTDNEP1	TSS29391,TSS	chr17:7146905-	20.9362	45.2003
SF1	TSS20813,TSS	chr11:64532078-	95.352	102.967
BMS1P6	TSS7693	chr10:48185838-	0.645278	1.13781
CIRBP	TSS25520,TSS	chr19:1269264-	136.487	143.379
ZNF766	TSS8486	chr19:52772828-	8.86859	7.26252
AGAP9	TSS9241	chr10:47191848-	2.49429	2.07014
AUP1	TSS16490	chr2:74753774-	46.4897	90.5634
UXT	TSS19196	chrX:47511190-	97.8321	118.608
PCNXL3	TSS23592	chr11:65383788-	4.74344	9.19131
ZNF143	TSS18528	chr11:9482511-	10.7206	7.09902
RNF111	TSS12166,TSS	chr15:59279864-	10.9656	8.27283
7-Mar	TSS23469,TSS	chr2:16056896-	27.693	21.3945
STK11IP	TSS18307	chr2:220462578-	6.43982	5.58187
HMGN4	TSS5676	chr6:26538571-	38.6822	47.1588
CHMP1A	TSS24942	chr16:89710838-	21.0048	41.3864
ANAPC4	TSS21228	chr4:25378847-	7.41318	9.77195
PARGP1	TSS14598	chr10:5125390-	1.83177	4.24511
CCDC22	TSS11547	chrX:49091926-	6.35343	14.0382
GIGYF2	TSS22285,TSS	chr2:233562014-	13.1187	10.6444
RNF6	TSS16992,TSS	chr13:26786904-	17.638	25.311
GAPVD1	TSS33221,TSS	chr9:128024078-	6.83409	10.3819
SNRNP35	TSS32594,TSS	chr12:12394268-	15.1365	21.2309
PPIG	TSS20434	chr2:170440848-	30.4426	37.0813
SLC25A16	TSS5721	chr10:70242088-	2.49524	5.03896
LOC728024	TSS23961	chr8:37604073-	1.92011	1.73146
TRPC4AP	TSS24836	chr20:33590206-	26.5072	27.1296
MCM3AP	TSS4903	chr21:47655038-	13.1816	18.8261
SRSF8	TSS18248	chr11:94800040-	10.182	15.9878
CCDC174	TSS17111	chr3:14693252-	8.79133	7.30235
FUBP3	TSS15915	chr9:133454958-	12.4926	21.7582
DRAP1	TSS6992	chr11:6568672-	56.6769	87.3069
NECAP1	TSS6518	chr12:8234806-	8.66189	8.47414
CEP120	TSS4631	chr5:122680578-	8.38884	6.45702
UBOX5	TSS18060	chr20:3088218-	1.45856	2.29148
UBP1	TSS10660,TSS	chr3:33429828-	12.7333	19.0821
CENPT	TSS23434	chr16:67862058-	5.6843	11.7514
RNF4	TSS14219,TSS	chr4:24707944-	23.4816	31.6202
CNOT2	TSS16553,TSS	chr12:70636778-	13.2803	18.5952
FKBP8	TSS33238	chr19:1864256-	60.7023	81.6796
NBPF11	TSS26896,TSS	chr1:147574328-	5.02789	2.75659

TGFBRAP1	TSS13345	chr2:105880840	5.41197	12.8549
UBR3	TSS5090	chr2:170684017	6.63231	5.57805
ITCH	TSS22092	chr20:32951040	12.1435	12.6702
ZNF317	TSS11526	chr19:92510557	12.4493	17.2217
CASC3	TSS15387	chr17:38296500	30.5957	34.0156
PMS2P9	TSS17708	chr7:76668796	0.758465	1.04806
CCDC93	TSS20036	chr2:118673050	10.6456	6.6525
MIEN1	TSS13186	chr17:37885408	26.393	40.0381
SETD1A	TSS33924	chr16:30968614	7.76219	10.4208
PUM2	TSS4004,TSS5	chr2:20448452	26.8379	26.0473
REXO1	TSS4979	chr19:1815244	8.72736	13.6544
MED16	TSS23550	chr19:8679618	16.9805	20.8777
RBM18	TSS18512	chr9:125001830	5.60122	9.50994
NUP214	TSS11440	chr9:134000947	7.46986	10.7359
KAT7	TSS21649	chr17:47865980	9.86458	9.84016
SF3B1	TSS15327	chr2:198256697	113.114	91.9711
DAPK3	TSS16088	chr19:3958450	8.01403	13.2989
SRP19	TSS27171	chr5:112196884	16.9241	33.248
CDC26	TSS9714	chr9:116029289	6.31055	15.0471
ARF5	TSS30357	chr7:127228409	44.0132	72.3567
STK25	TSS12873,TSS	chr2:24243412	13.2546	23.5586
UCKL1	TSS13670,TSS	chr20:6257118	11.3045	18.6321
INTS1	TSS6572	chr7:1509912	9.8616	16.5057
SEC24B	TSS31511	chr4:110354927	9.80709	9.00433
ZNF747	TSS10534	chr16:30541687	4.6114	4.61186
ZRANB1	TSS32653	chr10:12663069	11.0801	7.21431
CGGBP1	TSS23820,TSS	chr3:88101099	28.1808	22.3378
DGCR8	TSS9179	chr22:20067754	7.71962	10.8443
SRP14	TSS11472,TSS	chr15:40327890	104.741	148.207
TMA7	TSS32070	chr3:48481685	29.1086	66.229
SUGP1	TSS8619	chr19:19387327	12.631	13.6675
DIS3L2	TSS10385	chr2:232826290	3.62914	10.7905
RPS11	TSS19193	chr19:49999627	1678.81	1856.63
RPS6KB2	TSS27735	chr11:67195934	12.8446	29.7124
GNL1	TSS31926	chr6:30509154	6.58399	8.31089
RPL36AL	TSS3359	chr14:50085409	193.756	373.112
NCBP2-AS2	TSS9128	chr3:196669490	4.86877	16.0925
ARIH2	TSS31269	chr3:48956280	13.75	21.185
PRDM4	TSS27330	chr12:10812664	11.491	8.74867
JTB	TSS23421	chr1:153946744	44.7257	91.3033
PCGF3	TSS16548	chr4:69957270	8.21277	8.33592
FAM53C	TSS23119,TSS	chr5:137673220	17.9012	16.7781
BAZ2A	TSS23048,TSS	chr12:56989379	29.0824	19.4145
DNAJC14	TSS12957	chr12:56214740	10.5843	14.4637
ZBED5	TSS4884	chr11:10874250	20.751	18.8647
SLAIN2	TSS31883	chr4:48343612	6.18555	7.93374
SHARPIN	TSS18027,TSS	chr8:145153530	8.09531	13.0922
CXorf23	TSS14449	chrX:19930979	2.47198	1.28542
G3BP2	TSS3286,TSS3	chr4:76567952	24.8147	43.0417
STARD3	TSS33562	chr17:37793330	10.5925	13.4961
DGCR14	TSS22684	chr22:19117797	1.85373	3.98821
SLU7	TSS15980	chr5:159828647	24.0047	21.4293
ZNF746	TSS8986	chr7:149169880	11.0459	12.8997
YTHDF3	TSS28578,TSS	chr8:64081111	13.4026	14.1144
SCAF8	TSS11599	chr6:155054517	15.9793	14.1596

UBE2I	TSS28490,TSS	chr16:1359153-	32.9153	45.3121
SRCAP	TSS7921	chr16:3071046-	18.6412	20.4464
RFXANK	TSS13101,TSS	chr19:1930300-	19.918	41.4804
BLOC1S4	TSS32221	chr4:6717841-(	11.7868	11.0276
WIPF2	TSS32678	chr17:3837557-	8.16277	8.38518
PIGG	TSS5607	chr4:492988-5-	7.97967	6.18416
HARS2	TSS19953	chr5:14007101-	16.8293	12.055
TAF11	TSS6585	chr6:34845554-	8.76531	15.4791
DPH7	TSS23350	chr9:14044935-	6.09599	9.26982
UPF1	TSS26984	chr19:1894274-	22.6328	29.328
BOD1L1	TSS7427	chr4:13570365-	22.1822	14.5815
RARS2	TSS6693	chr6:88224095-	7.93557	13.0677
CDC73	TSS497	chr1:19309108-	6.62748	9.81359
RBM25	TSS8071	chr14:7352522-	35.3376	57.9033
GCC1	TSS26196	chr7:12722068-	9.79978	8.23558
CCNT2	TSS33591	chr2:13567639-	9.62941	7.93338
UTP23	TSS7864	chr8:11777874-	5.07522	9.17501
SNX17	TSS8429	chr2:27593362-	21.7151	50.9231
LOC613037	TSS32233	chr16:3023434-	13.4708	10.2293
BRD7	TSS21739	chr16:5035292-	5.9369	7.99926
PI4KB	TSS21479,TSS	chr1:15126427-	12.2017	20.6505
TIMM10B	TSS17436	chr11:6502676-	6.62324	15.8525
CNOT8	TSS14825,TSS	chr5:15423780-	29.5952	23.2854
AP2M1	TSS12115	chr3:18389263-	59.4676	103.042
RRN3P3	TSS1929	chr16:2243086-	4.08105	5.61675
HIAT1	TSS26296	chr1:10050378-	15.9658	26.4139
MAN1A2	TSS15895	chr1:11791008-	7.72211	7.18496
MECP2	TSS26932	chrX:15328726-	14.0353	13.7681
ROCK1P1	TSS7804	chr18:109064-	5.45728	6.10774
OGFOD3	TSS17724	chr17:8034708-	2.81934	6.37272
FAM175B	TSS10007	chr10:1264903-	9.62145	10.0697
RPP38	TSS28430	chr10:1513917-	8.5213	15.8073
TRMU	TSS10358	chr22:4673129-	8.64796	16.2673
TMEM179B	TSS24231	chr11:6255487-	18.0259	19.2744
KMT2D	TSS25646	chr12:4941275-	12.8956	10.9111
CHTOP	TSS28465	chr1:15360645-	37.362	48.0689
RAB5B	TSS25057,TSS	chr12:5636769-	14.4646	12.988
FRG1	TSS22280	chr4:19086197-	29.9064	45.1123
STAG2	TSS29609,TSS	chrX:12309440-	26.7069	22.4943
REST	TSS10656,TSS	chr4:57774041-	7.76338	6.83449
MFSD11	TSS16645,TSS	chr17:7473264-	6.62222	4.7792
SZT2	TSS15477	chr1:43855555-	4.68577	4.68867
RCE1	TSS25900	chr11:6661088-	9.10852	11.192
DMTF1	TSS11422,TSS	chr7:86781676-	21.2381	12.2019
RGP1	TSS13567	chr9:35749276-	9.35968	8.38554
KRR1	TSS25853	chr12:7589141-	14.7491	16.7766
DMAP1	TSS9103	chr1:44679124-	12.79	18.2238
E4F1	TSS26190	chr16:2273488-	6.80178	11.533
NPIP1B1	TSS16206	chr16:2939263-	8.65884	6.94795
CDK9	TSS2969	chr9:13054830-	22.5102	26.1393
FBXO31	TSS23508,TSS	chr16:8736059-	4.40881	6.83473
MAML1	TSS3989	chr5:17915985-	11.1437	8.69312
BECN1	TSS31606	chr17:4096214-	20.2402	37.1401
COX14	TSS33574	chr12:5050576-	22.4136	46.4193
ZMYM6	TSS10299	chr1:35451766-	8.61722	6.88416



SEPT7P2	TSS16887	chr7:45763385-	10.6737	8.31904
TPRA1	TSS31475	chr3:127291906	17.468	12.4198
C6orf136	TSS5868	chr6:30614815-	5.51514	6.23594
CHD8	TSS11947,TSS	chr14:21853352	14.7749	14.1777
IP6K2	TSS10642	chr3:48725435-	26.01	28.6369
UBN1	TSS20725,TSS	chr16:4897631-	10.9248	10.9539
PLEKHA3	TSS29054	chr2:179345198	4.3098	5.53798
NPIP5	TSS9653	chr16:22524845	18.8867	16.4339
FBXW2	TSS30016	chr9:123519255	6.68218	8.65991
XPA	TSS10251	chr9:100437190	6.59381	10.9772
MPRIP	TSS19491	chr17:16946075	7.69429	9.4552
SCYL1	TSS12164	chr11:65292547	13.747	24.8215
FAM192A	TSS10042	chr16:57186375	8.92525	11.8246
COX6B1	TSS105	chr19:36139124	101.623	293.169
BCAS2	TSS28005	chr1:115110180	34.4335	31.7429
ACTR1A	TSS31767	chr10:10423898	18.5894	29.5566
CENPBD1P1	TSS6541	chr19:59086765	3.82217	8.12431
FBXO18	TSS30730,TSS	chr10:5931534-	16.1924	14.361
RHOT2	TSS21973	chr16:718082-	22.7562	35.0133
PPP2R2D	TSS19767,TSS	chr10:13374795	5.33945	4.84003
SF3A1	TSS33392	chr22:30727976	18.7337	34.98
DNAJA2	TSS16705	chr16:46989275	22.9423	37.2304
ANKS3	TSS13787,TSS	chr16:4746510-	2.43289	4.9559
PIGBOS1	TSS26955	chr15:55609387	5.78825	6.87931
PPP4R3B	TSS26711	chr2:55774427-	16.6806	21.2549
SUPT5H	TSS18425,TSS	chr19:39936185	33.1768	53.3449
NCOA6	TSS995	chr20:33302575	6.89846	7.75973
ASCC2	TSS28577	chr22:30184596	13.044	19.8076
TBCB	TSS17463,TSS	chr19:36605887	30.8791	54.4461
RABAC1	TSS7573	chr19:42460832	86.3939	75.342
SMARCE1	TSS21433	chr17:38783975	30.9712	36.4854
TDP2	TSS695	chr6:24650204-	26.6733	32.8586
BAG5	TSS29724,TSS	chr14:10402288	9.42328	11.4384
ARID1A	TSS26390	chr1:27022521-	17.531	19.4099
FAM134A	TSS12180	chr2:220042938	17.9818	15.2005
NFATC2IP	TSS16770	chr16:28962317	11.7583	13.0959
LAMTOR3	TSS31930	chr4:100799494	7.20653	7.24991
WDR20	TSS23369	chr14:10260618	9.59821	11.8305
OGFOD2	TSS24397,TSS	chr12:12345924	2.23281	8.51952
EXOC3	TSS12640	chr5:443333-46	14.3696	21.7015
PRKAR2A	TSS22506	chr3:48788092-	6.89103	9.59219
ITSN2	TSS14552	chr2:24425734-	33.1888	14.5671
EIF1AD	TSS18613	chr11:65764015	8.13203	15.7599
SYS1	TSS17563,TSS	chr20:43990576	13.3625	13.496
ZNF148	TSS7664	chr3:124944512	8.20481	5.58511
HAUS3	TSS30268	chr4:2233562-2	4.92605	7.69402
RAB33B	TSS24220	chr4:140374960	5.31693	2.81568
SDHAF2	TSS4117	chr11:61197596	25.8892	34.1382
ELMO3	TSS6755	chr16:67233027	0.888824	1.88553
WDR82	TSS18702	chr3:52288437-	31.9398	39.8197
AMMECR1L	TSS29757,TSS	chr2:128619206	5.67002	8.25258
CD2BP2	TSS16825,TSS	chr16:30362086	19.4867	24.725
WDR6	TSS5300	chr3:49044636-	36.5261	44.1385
ZNF182	TSS10333,TSS	chrX:47834249-	1.73236	2.70851
ZNF142	TSS1382,TSS3	chr2:219502639	3.94507	8.24396

POLR2J4	TSS9351	chr7:43980493-	2.40367	3.93287
ELMOD3	TSS31150	chr2:85581842-	3.96868	3.14309
PDCD6IPP2	TSS17595	chr15:29034979-	3.55332	4.21876
PURB	TSS22850	chr7:44915891-	10.87	10.9169
NEDD8	TSS14770	chr14:24686056-	74.4348	235.438
NOL12	TSS10693	chr22:38082349-	3.74298	7.69674
PPP6R2	TSS15860	chr22:50781749-	8.70946	12.9583
GTF2B	TSS13475	chr1:89318320-	25.6893	27.7958
RAB22A	TSS19298	chr20:56884770-	6.26116	5.87444
SCP2	TSS16337,TSS	chr1:53392900-	21.7844	44.0383
RALY	TSS15830	chr20:32581457-	26.8091	28.6769
FBXL12	TSS510	chr19:9920942-	8.31141	10.7553
THADA	TSS24838,TSS	chr2:43457974-	4.89782	8.41764
BLOC1S3	TSS18109	chr19:45682009-	6.28807	5.34576
BRMS1	TSS9800	chr11:66104809-	23.8564	57.9894
PPHLN1	TSS9657	chr12:42719946-	23.7724	38.8892
ZNF580	TSS10070,TSS	chr19:56152397-	12.4589	13.2072
CHTF8	TSS29563,TSS	chr16:69151917-	26.2042	32.8592
NDUFB11	TSS2239	chrX:47001614-	34.7529	66.8972
TMEM87A	TSS31710	chr15:42502649-	14.4657	15.8094
EMC4	TSS2322	chr15:34517197-	36.1954	69.248
SMG8	TSS22452	chr17:57287370-	7.22394	9.35086
R3HCC1	TSS9123	chr8:23145604-	8.14791	15.2347
KPNA1	TSS27911	chr3:12214074-	9.82106	12.6485
STAG3L2	TSS31928	chr7:74298091-	11.2421	11.2599
SPEN	TSS24480	chr1:16174358-	19.7729	18.845
LOC729218	TSS23978,TSS	chr4:119512898-	3.01838	2.55228
RAB40C	TSS17282,TSS	chr16:63935660-	5.04421	5.8935
EIF4E2	TSS11251	chr2:233415296-	19.2136	42.1628
PRR13	TSS1869	chr12:53835439-	61.3264	81.2961
MAX	TSS30643,TSS	chr14:65472818-	32.8147	38.3376
ILKAP	TSS20457	chr2:23907904-	13.5542	26.992
NPIP3	TSS12146	chr16:21413454-	17.9936	14.858
SMIM10L1	TSS27356	chr12:11323779-	4.13062	6.20643
ZNF271P	TSS26608	chr18:32870239-	3.91157	4.95631
PRKAA1	TSS20458	chr5:40759480-	11.2683	13.0613
MED17	TSS7662	chr11:93517404-	11.3384	10.9501
SLC35E2	TSS14550	chr1:16562767-	9.30835	7.18042
LATS1	TSS5516,TSS7	chr6:149979288-	9.18761	6.14819
TMEM50A	TSS22243	chr1:25664788-	28.6423	34.5713
EWSR1	TSS23166	chr22:29663997-	55.9542	96.7542
OSER1	TSS18863	chr20:42824580-	46.3789	28.5122
MARK3	TSS19687	chr14:10385170-	15.0297	18.9282
GMEB1	TSS15411	chr1:28995239-	6.55663	9.20776
DERL1	TSS4095	chr8:12402540-	23.7943	23.9013
FAM168B	TSS1343	chr2:131805448-	23.8746	27.2256
B4GALT7	TSS21401	chr5:177027118-	5.958	10.9059
ZNF800	TSS32420	chr7:127010096-	11.6529	8.38876
NKAP	TSS20089	chrX:11905901-	10.0421	13.4942
RPS15	TSS11499,TSS	chr19:1438362-	378.146	564.121
GSK3A	TSS32665	chr19:42734337-	15.1031	31.106
RBM10	TSS25135	chrX:47004616-	18.9486	27.9913
MIA3	TSS20370,TSS	chr1:22279144-	9.48408	9.79717
SPG7	TSS6934	chr16:89574799-	8.28755	11.5145
AAMP	TSS11143	chr2:21912885-	41.6555	74.737

PSMD9	TSS7193	chr12:12232660	9.27149	22.953
TOPORS	TSS8068	chr9:32540541	14.1931	10.7486
STAG3L1	TSS4475	chr7:74988446	9.9283	8.68501
GMEB2	TSS2129	chr20:62218954	8.07427	7.74145
SCAF1	TSS26009	chr19:50145387	11.5441	15.5768
PRKCSH	TSS21006,TSS	chr19:11546070	50.2491	58.5649
KMT2B	TSS8627	chr19:36208920	8.79695	8.6209
ATG12	TSS19736	chr5:115163890	7.39666	8.74073
GIT2	TSS1571	chr12:11036760	23.0555	14.8927
ANKS1A	TSS23858	chr6:34857037	2.19122	2.52512
SRRM2	TSS29368	chr16:2802329	54.7747	68.322
RDH14	TSS28600	chr2:18735988	5.78774	10.1385
RAB8A	TSS19234	chr19:16222480	27.2084	56.0113
COG8	TSS7066	chr16:69362520	5.00351	7.87382
SNRNP27	TSS11215	chr2:70121074	13.0145	19.3775
RPL18	TSS4230	chr19:49118580	765.5	1022.71
EXOC7	TSS13988,TSS	chr17:74077070	19.6617	24.6219
YWHAZ	TSS18636,TSS	chr8:101930800	151.702	198.314
KIAA2013	TSS5580	chr1:11979644	13.247	11.6618
TRAPPC13	TSS9075	chr5:64920557	5.3519	8.97228
C1orf50	TSS22742	chr1:43232915	5.50265	6.1145
VPS4A	TSS32478	chr16:69345280	20.5825	43.4754
UBE2D2	TSS1142	chr5:138940750	25.4472	38.3493
ACD	TSS12034	chr16:67691414	8.4068	13.8114
SLC35C1	TSS15005,TSS	chr11:45825620	3.73792	4.73069
TBC1D20	TSS8487	chr20:4161204	9.0867	6.60192
FAM193A	TSS23897	chr4:26271580	8.55291	8.13875
YTHDF2	TSS15577,TSS	chr1:29063132	22.4944	38.183
BRK1	TSS622	chr3:10157332	53.3144	86.0716
DGUOK	TSS32917	chr2:74153952	23.8376	48.472
ORMDL1	TSS4471	chr2:190634990	12.1522	20.6427
RPS19BP1	TSS16316	chr22:39925090	39.6307	89.747
CAPN7	TSS26655	chr3:15247732	8.78292	5.55309
C18orf25	TSS21152	chr18:43753980	6.42013	6.60517
ZC3H18	TSS2800	chr16:88636780	13.1055	25.2336
FAAP100	TSS20545	chr17:79506910	4.56392	13.5595
ZFAND6	TSS17280,TSS	chr15:80351900	48.7538	42.0505
MAEA	TSS15379,TSS	chr4:12836380	20.8961	38.3299
WDR59	TSS22790	chr16:74907470	10.184	11.2737
ZBTB11	TSS8866	chr3:101368280	7.87208	9.03886
TANGO6	TSS18704	chr16:68877500	1.49701	6.17582
XAB2	TSS27845	chr19:7684410	20.4914	33.9011
C10orf76	TSS31315	chr10:10360530	6.31619	9.66131
DICER1	TSS18339,TSS	chr14:95552560	11.7121	9.31971
MLLT1	TSS18650	chr19:6210391	6.74681	19.6375
TMUB1	TSS7956,TSS8	chr7:150778170	21.5816	29.323
TMEM203	TSS16204	chr9:140098530	15.6026	21.2919
BRAP	TSS27105	chr12:11207990	5.46325	7.73904
ISCA1	TSS29166	chr9:88879462	5.84914	11.6419
IFNAR1	TSS16165	chr21:34697210	12.416	11.7306
AP2S1	TSS12183,TSS	chr19:47341410	26.7762	54.4022
ZNF689	TSS17214,TSS	chr16:30613870	3.61626	4.51031
AP3S2	TSS19684	chr15:90373830	3.16281	6.08027
LSM1	TSS18155	chr8:38020838	11.6118	32.5117
TRAPPC11	TSS1335	chr4:184580410	7.37472	6.92094

SPAST	TSS8092	chr2:32288679-	3.26241	4.69327
DRG2	TSS14890	chr17:17991180-	11.138	20.47
TRIP12	TSS17220,TSS	chr2:23062855-	19.3231	22.8166
KHNYN	TSS28073,TSS	chr14:2489849-	19.0448	18.3275
FEM1A	TSS14515	chr19:4791727-	11.8484	18.738
BRD4	TSS9281	chr19:15348300-	38.1346	32.8625
ZNF740	TSS1521	chr12:5357453-	14.4069	12.2016
DDX39B	TSS20009	chr6:31497995-	46.7946	92.7657
SEPSECS	TSS24024	chr4:25121626-	3.78269	2.38534
STAG3L3	TSS8448	chr7:72467817-	9.50659	8.08898
SSU72	TSS1793	chr1:1477052-	33.8585	84.4949
ZNF787	TSS12527	chr19:56598720-	16.3632	23.5964
DGCR2	TSS31749	chr22:1902379-	6.43569	8.11872
TAF10	TSS4376	chr11:6632047-	28.5156	68.1225
MOB4	TSS20777,TSS	chr2:19838029-	2.59744	7.82907
WDR55	TSS19671	chr5:140044380-	8.93246	18.4873
PRR14	TSS11673	chr16:30662240-	15.3615	19.5167
C11orf58	TSS14381	chr11:1676014-	23.4808	39.9137
ATG9A	TSS18314	chr2:22008410-	7.688	7.78707
POR	TSS28318	chr7:75544419-	10.2784	17.8025
COMMD2	TSS5295	chr3:149456250-	6.58515	8.58903
NSUN3	TSS6506	chr3:93781854-	4.08367	5.88237
ERF	TSS15314,TSS	chr19:42751710-	10.4043	21.6549
POLG	TSS4574	chr15:89859530-	14.0972	21.1227
PRR14L	TSS17444	chr22:32077330-	7.18073	5.54364
DHX36	TSS29500	chr3:153993450-	16.4374	21.7669
CPSF7	TSS18004,TSS	chr11:61170110-	23.7982	29.859
SAP30BP	TSS22811	chr17:73663190-	16.4515	21.0064
USP38	TSS23205	chr4:144106060-	7.01144	7.4658
CIC	TSS15131,TSS	chr19:42772680-	12.3665	13.2611
FASTKD5	TSS10449	chr20:3127164-	10.1745	14.958
SNRNP70	TSS25641	chr19:49588390-	57.7221	107.214
NPIP4	TSS21115	chr16:21845880-	15.0769	12.2114
MTF1	TSS26111	chr1:38275238-	3.68603	5.80338
PNISR	TSS30762	chr6:99847840-	52.2086	35.8189
IMP3	TSS9873	chr15:75931420-	22.5067	56.7279
ELK4	TSS18039	chr1:205577070-	12.5068	13.8867
RANBP6	TSS1337	chr9:60110180-	6.92803	9.3672
CCDC130	TSS2197	chr19:13858750-	17.0411	13.509
SMG1P2	TSS32508	chr16:29538920-	12.8789	12.5262
SZRD1	TSS15136	chr1:16693524-	30.6729	58.7628
GOLPH3	TSS31126	chr5:32124823-	18.2597	24.1565
CSPP1	TSS11129,TSS	chr8:67976602-	3.93011	4.22467
TRPM7	TSS31957	chr15:50849350-	11.3869	10.6077
COQ4	TSS29120	chr9:131084780-	3.66783	17.3877
ABCD4	TSS3737	chr14:74751970-	8.72812	5.65003
BBX	TSS29135	chr3:107241780-	10.4522	9.98999
SAFB2	TSS2306	chr19:5587009-	23.4829	31.5872
LSM14B	TSS21674	chr20:60697510-	10.3056	15.7445
RNF41	TSS20956,TSS	chr12:56596280-	11.3776	12.2329
WIZ	TSS12594	chr19:15532310-	5.12674	10.4196
DERL2	TSS11723	chr17:5374570-	5.50828	8.32869
EP300	TSS32972	chr22:41488610-	17.3411	13.5573
PLEKHM2	TSS16760	chr1:16010826-	22.5164	26.6839
KCTD5	TSS9548	chr16:2732494-	15.9934	23.7065

PHF8	TSS20139,TSS	chrX:53963112-	8.2924	11.7041
FAM76A	TSS11952	chr1:28052489-	4.93031	2.62472
FCHO1	TSS20961,TSS	chr19:17858526-	7.67015	12.7706
BCL7B	TSS12499,TSS	chr7:72950682-	23.6942	29.4556
SLC35E1	TSS24139	chr19:16660647-	10.0296	16.1673
RNF31	TSS30577	chr14:24616658-	13.3717	14.6442
PTPN2	TSS13589,TSS	chr18:12785476-	7.40033	18.5577
KAT8	TSS24452	chr16:31128984-	10.7024	20.1236
PUM1	TSS1646	chr1:31404352-	16.3831	18.5976
GTF3C5	TSS1860	chr9:13590606-	18.7721	25.8007
UQCR11	TSS22161	chr19:1597153-	19.5163	71.6599
PDCD6IP	TSS25497	chr3:33840062-	28.066	26.7487
ANKFY1	TSS22674,TSS	chr17:4066664-	6.38905	6.94185
STX18	TSS14740	chr4:44206954-	5.32041	9.03334
ZNF592	TSS27468	chr15:85291817-	9.80707	8.29222
MYSM1	TSS29623	chr1:59120410-	9.87104	7.63571
POLDIP3	TSS1001	chr22:42979726-	25.7726	29.4031
ATF1	TSS19198	chr12:51157788-	9.16446	13.7812
NGDN	TSS9393	chr14:23938897-	32.452	61.0373
VPS13B	TSS405	chr8:100025496-	6.21037	4.40771
ZNF865	TSS20655	chr19:56124958-	3.42642	2.73396
TMED1	TSS20915,TSS	chr19:10942742-	11.702	14.2906
YWHAB	TSS30004	chr20:43514239-	86.9666	120.891
CPSF1	TSS23439	chr8:145618445-	15.2623	24.2955
PLEKHB2	TSS32703	chr2:131862419-	21.5658	30.0275
CEP104	TSS17498	chr1:37286444-	3.98979	5.46152
STRN4	TSS30732	chr19:47222767-	10.167	16.071
ALKBH4	TSS27057	chr7:102096666-	3.21643	4.15736
RNF126	TSS16951	chr19:6475256-	12.1316	35.7427
CCDC101	TSS2315	chr16:28565248-	13.6049	16.5751
CWC15	TSS28675	chr11:94695786-	21.5786	32.1294
C12orf43	TSS13002	chr12:12144022-	5.64794	10.8528
UBE4A	TSS7267	chr11:11823029-	9.39712	13.3344
MED4	TSS28092	chr13:48649866-	16.6861	19.677
UBL7	TSS1645	chr15:74738317-	20.6078	32.7775
CUL2	TSS15561,TSS	chr10:35297478-	6.64978	12.0365
PHF20L1	TSS15334	chr8:133787606-	6.02332	7.26122
ADPGK	TSS10177	chr15:73043707-	26.3212	30.0053
CGRRF1	TSS12917	chr14:54976586-	5.33523	5.95011
ASH1L-AS1	TSS13576	chr1:155531777-	1.4827	3.33553
VPS29	TSS2455	chr12:11092932-	22.0395	36.0447
GPS1	TSS22594	chr17:80009762-	14.7412	45.2045
SUPT7L	TSS24934	chr2:27873675-	6.95438	6.95318
DHX16	TSS6495	chr6:30620895-	11.2055	21.2196
KIAA1191	TSS9014	chr5:175773066-	10.831	13.1802
U2AF2	TSS25771	chr19:56165415-	43.1076	88.6909
RRN3P1	TSS2110	chr16:21807950-	6.39122	9.82854
BAG1	TSS12387	chr9:33252469-	11.7026	24.4395
RELA	TSS14243	chr11:65421066-	27.8542	36.6602
POLR2C	TSS6418	chr16:57496550-	21.7217	44.5676
PHF12	TSS15011	chr17:27232270-	10.1648	7.6767
ZSCAN25	TSS6494	chr7:99214570-	3.63879	4.88393
CNOT7	TSS5954	chr8:17086739-	19.1267	32.0175
PIN1	TSS30178	chr19:9945882-	18.8878	39.8161
TWF1	TSS25286	chr12:44187525-	5.57676	10.2203

GPS2	TSS30954	chr17:7215977-	24.1591	36.6052
TAF3	TSS26440	chr10:7860466-	8.16206	10.3168
ATP5SL	TSS33153,TSS	chr19:4193722-	12.5159	23.793
BAG6	TSS10128,TSS	chr6:31606804-	30.9217	57.3616
AP4B1	TSS1043,TSS1	chr1:11443681-	7.70799	10.4096
RPS20	TSS9214	chr8:56980738-	633.103	667.286
CDADC1	TSS13340	chr13:4982204-	1.53882	1.57389
EPS15L1	TSS3602	chr19:1646605-	8.49555	11.8565
NISCH	TSS27427	chr3:52489523-	19.3138	15.6866
MYEOV2	TSS21773,TSS	chr2:24106597-	48.1629	143.733
NFX1	TSS5776	chr9:33290417-	19.8763	20.6829
TRA2A	TSS10973	chr7:23544400-	26.1368	37.9646
C17orf85	TSS26761	chr17:3710044-	6.79748	7.14419
SLC35A1	TSS5091	chr6:88182642-	10.1627	10.2064
PPP2R1A	TSS2759	chr19:5269305-	57.3847	102.535
GNAI3	TSS1113	chr1:11009118-	13.4078	19.4577
ESCO1	TSS3973	chr18:1910926-	6.65028	4.94814
HOOK3	TSS22386	chr8:42752032-	6.18892	5.00347
SP1	TSS18679,TSS	chr12:5377397-	21.6805	16.1748
KCTD2	TSS11804,TSS	chr17:7302866-	8.85071	7.92777
RPP14	TSS9595	chr3:58291971-	6.18178	11.4028
ELOF1	TSS20354	chr19:1166385-	28.6067	47.5483
ZC3H13	TSS9922	chr13:4653631-	10.1965	13.9381
HERC4	TSS26831	chr10:6968165-	9.98698	8.21534
PAPOLA	TSS22868,TSS	chr14:9696871-	43.328	53.8851
HNRNPH1	TSS16812,TSS	chr5:17904117-	142.58	209.175
ZNF587	TSS7943	chr19:5836118-	7.00575	6.38628
ZSCAN29	TSS940	chr15:4365036-	5.93975	5.79052
ANAPC2	TSS32781	chr9:14006923-	12.7875	17.9648
SPDYE3	TSS28586	chr7:99905324-	0.629714	0.7653
LLPH	TSS14723	chr12:6651684-	17.7791	37.7694
BIN3	TSS28286	chr8:22477946-	9.70069	14.4113
TMEM260	TSS14633	chr14:5704651-	4.54642	2.55233
IPO8	TSS15697,TSS	chr12:3078191-	10.3762	9.41617
C6orf120	TSS8283	chr6:17010225-	6.50326	11.9055
ANKRD40	TSS33062	chr17:4877055-	6.29223	16.8617
THOC2	TSS14630	chrX:12273441-	16.2402	16.8731
TSSC4	TSS12870,TSS	chr11:2421717-	18.1987	31.503
PHIP	TSS9811	chr6:79644135-	13.0612	9.17713
SCAMP2	TSS1720	chr15:7513719-	39.5214	50.5925
BRF1	TSS18138,TSS	chr14:1056756-	8.05264	10.1441
EML3	TSS26676	chr11:6236969-	9.98682	14.3087
MTRF1L	TSS9534	chr6:15330850-	4.32885	6.00497
DCTN6	TSS5150	chr8:30013812-	9.81935	28.2022
CXXC1	TSS17778	chr18:4780871-	22.3921	23.4246
PFDN5	TSS11933	chr12:5368923-	296.415	294.279
PABPN1	TSS7426	chr14:2378939-	8.64432	22.7868
PI4KA	TSS30227	chr22:2106197-	10.3288	12.2619
EFCAB14	TSS11886	chr1:47140830-	14.0262	16.8895
FNBP4	TSS9621	chr11:4773806-	28.1481	23.588
SETD5	TSS23694	chr3:9439383-	15.8877	14.9427
WDR83	TSS13632,TSS	chr19:1277761-	4.56186	12.7314
DPM3	TSS12404,TSS	chr1:15511236-	32.8878	37.2444
SNAPC4	TSS13065	chr9:13927002-	4.04551	7.12416
PRR12	TSS20935	chr19:5009491-	6.38706	4.48513

MZF1	TSS1198	chr19:59073280	3.45674	3.60491
ZC3H11A	TSS29762	chr1:203764750	29.496	26.5978
ZNF236	TSS22382,TSS	chr18:74534560	2.69876	2.14905
ZNF451	TSS15746,TSS	chr6:569548070	9.19167	7.4476
HIF1AN	TSS20958	chr10:10229560	13.9146	12.441
URM1	TSS27540	chr9:131133590	12.7697	33.0183
LAMTOR5	TSS25413	chr1:110943870	43.3648	89.6325
VPS13C	TSS24457	chr15:62144580	20.0965	10.9966
PAFAH1B1	TSS17978	chr17:24969220	23.4121	23.1224
PGRMC2	TSS25315	chr4:129190390	5.35083	8.3631
DXO	TSS23722	chr6:319375870	4.06025	6.37808
	15-Sep			
SETD4	TSS1733	chr1:873281270	54.8251	77.4347
SETD4	TSS15970,TSS	chr21:37406830	2.55539	5.29958
SLC25A51	TSS7623	chr9:378775710	2.86983	8.06086
KCTD10	TSS6079	chr12:10988640	8.93453	13.601
TMEM222	TSS28218	chr1:276486350	22.0397	27.382
MYL12B	TSS11573,TSS	chr18:32621100	98.3194	151.433
PSMD7	TSS23802	chr16:74330670	46.6053	83.2541
CCAR1	TSS32976	chr10:70480900	15.909	30.3189
AP2A2	TSS23226	chr11:92580800	5.81432	6.91615
BLOC1S1	TSS2120,TSS3	chr12:56109810	45.8008	69.8626
REV1	TSS18289	chr2:100016930	7.99751	6.20012
CLASP1	TSS659	chr2:122095350	7.52719	7.80439
DNAJC8	TSS5953	chr1:285267890	26.4846	44.0846
CRNKL1	TSS17917,TSS	chr20:20015000	11.1505	11.964
UPF2	TSS8505,TSS8	chr10:11962020	27.9332	25.2742
RALGAPB	TSS9833	chr20:37101440	9.02293	9.08509
ZNF263	TSS26163	chr16:33334860	9.41279	11.964
ZNF428	TSS23666	chr19:44111370	8.34424	11.6725
TUBGCP2	TSS26385,TSS	chr10:13509210	5.27515	15.8883
CYTH2	TSS6680	chr19:48972460	7.58292	7.16774
FOXJ3	TSS22997,TSS	chr1:426422090	15.1591	15.7746
ACAP2	TSS25994	chr3:194995460	13.1063	9.90143
SNAPC5	TSS5958	chr15:66782660	8.33089	10.7478
SP3	TSS28832,TSS	chr2:174771180	17.0262	15.9579
TMF1	TSS20265	chr3:690689770	8.26183	7.92945
CCDC12	TSS12525,TSS	chr3:469632190	39.1409	70.4965
TWF2	TSS3944	chr3:522626250	34.2028	37.068
RPL37A	TSS2032	chr2:217363510	2352.49	2997.67
XIAP	TSS15374,TSS	chrX:122993660	8.18272	7.68236
AKAP8	TSS33159	chr19:15464330	18.0005	21.4185
NDUFB7	TSS8074	chr19:14676880	77.6966	192.823
SNAPIN	TSS21799	chr1:153631120	20.5733	29.7534
COX19	TSS25112	chr7:100448500	9.40184	4.91081
STRN	TSS7645	chr2:370648400	4.35816	2.79567
INTS4	TSS31441	chr11:77589760	10.421	8.97239
FBXL14	TSS4844	chr12:16751580	7.67622	7.48833
WDR33	TSS29926	chr2:128461800	15.4257	19.0727
MON2	TSS22010	chr12:62860590	5.80459	3.93998
KIAA0141	TSS32888	chr5:141303380	7.06105	8.15265
LOC101243545	TSS7461	chr3:161144210	3.70562	5.09409
TMEM59	TSS24464,TSS	chr1:544923530	34.7546	24.3367
ASB1	TSS9571	chr2:239335620	4.69107	4.84471
ZKSCAN1	TSS11157	chr7:996131940	7.69971	7.86281
DEXI	TSS30140	chr16:11022740	12.3091	14.8679

AIMP1	TSS21147,TSS	chr4:107236760	16.3132	29.5965
ATG13	TSS32899	chr11:46638820	7.64002	10.0335
ZFP91	TSS14026	chr11:58346580	13.7744	20.6482
KLC1	TSS6302	chr14:10409550	21.685	24.8024
LOC100335030	TSS23912	chr12:49782950	1.16537	1.25573
UHK1	TSS17622,TSS	chr1:162466960	20.1676	24.885
TFIP11	TSS7731	chr22:26887890	15.9786	23.3857
GOLGA1	TSS13719	chr9:127640570	2.56432	3.65421
TSR3	TSS16000	chr16:13992400	18.66	52.8675
PSMC1	TSS22461	chr14:90722890	14.633	25.34
SAR1A	TSS20069	chr10:71909960	23.3183	31.2382
DCAF10	TSS21002,TSS	chr9:37800550	4.65057	4.19761
DCAF5	TSS14626,TSS	chr14:69517630	11.5399	8.33645
RNF185	TSS25639	chr22:31556130	12.1758	12.8012
ANKRD17	TSS32744,TSS	chr4:739405010	11.9751	16.2675
RUFY2	TSS1364,TSS3	chr10:70100860	3.21412	2.83255
NCOR1	TSS31785,TSS	chr17:15933400	34.7727	28.1023
BRPF1	TSS30270	chr3:97734330	9.61159	9.61515
UFC1	TSS22294	chr1:161123530	41.816	62.9263
KIAA0100	TSS476	chr17:26941450	14.7656	29.6759
CNP	TSS2392	chr17:40118750	9.21376	9.61154
TATDN2	TSS24105	chr3:102901760	13.9942	16.0974
ZNF777	TSS15626	chr7:149128450	4.23341	7.38728
HNRNPUL1	TSS12811,TSS	chr19:41768380	47.0139	62.2194
BIRC6	TSS33499	chr2:325820950	15.2857	12.3056
ARFGEF1	TSS28776	chr8:681098830	11.6376	7.90786
COPS5	TSS14435	chr8:679553140	17.4963	33.6069
EXOSC6	TSS2933	chr16:70284130	10.7809	20.3805
VPS26A	TSS26511	chr10:70883900	13.425	19.6321
LRRC37A3	TSS27625	chr17:62850420	3.0758	1.9001
NSUN5	TSS626	chr7:727165120	10.6202	23.9264
ALS2	TSS19653	chr2:202564980	2.89346	3.18867
CLK3	TSS27394,TSS	chr15:74900710	15.7818	19.8733
NEURL4	TSS20506	chr17:72189500	7.34191	10.1924
PHACTR4	TSS22549,TSS	chr1:286960920	4.19564	5.95595
AIDA	TSS23294	chr1:222841350	14.7981	10.6755
TMEM184C	TSS26821	chr4:148538530	6.38839	9.54279
USP42	TSS10055	chr7:61445490	4.20883	3.99102
CSNK1D	TSS20004,TSS	chr17:80200530	35.4482	34.7337
TBC1D23	TSS20904	chr3:999796600	9.79943	7.14172
DYNLL2	TSS28816	chr17:56160770	31.7724	40.8575
POLR3F	TSS13753	chr20:18448030	4.10139	8.21482
LOC645513	TSS3773	chr4:120375930	3.14467	3.04477
HPS6	TSS4332	chr10:10382510	6.82297	9.91596
ARHGDI1A	TSS16495,TSS	chr17:79825590	85.5086	229.217
ZNF444	TSS4841	chr19:56652530	6.16217	10.9078
SKIV2L	TSS32835	chr6:319265800	8.25909	13.2168
CCNYL1	TSS30866	chr2:208576260	4.90215	3.94379
DNAJC16	TSS34121	chr1:158533070	4.06905	4.69049
TMEM199	TSS23488	chr17:26684600	8.64259	12.9471
MRPS22	TSS24366	chr3:139062860	16.8413	37.2834
FGFR1OP2	TSS5380	chr12:27091300	15.7813	23.0918
PTOV1	TSS18525,TSS	chr19:50353990	23.9813	42.3056
RPL28	TSS5631	chr19:55897290	838.223	1256.76
SRSF3	TSS32049	chr6:365620890	60.0206	116.181



SPHK2	TSS10026,TSS	chr19:49122547	6.02523	9.70037
MAPKAPK5	TSS17379	chr12:11228007	5.66049	16.2849
ATF6B	TSS27258	chr6:32083044-	25.022	30.2132
ZNF706	TSS31713,TSS	chr8:102209267	6.80073	11.6965
ZFX	TSS1159,TSS1	chrX:24167761-	9.10958	6.58233
FBXO7	TSS11973,TSS	chr22:32870706	37.9678	41.8751
ELF2	TSS12572,TSS	chr4:139978870	8.88055	7.20729
POLR2J2	TSS24187	chr7:102277194	10.9154	18.6132
TMEM70	TSS27429	chr8:74888376-	15.0768	17.5011
ZNF562	TSS10247	chr19:9759337-	4.20964	6.39387
DUSP12	TSS33502	chr1:161719557	19.7252	20.3771
NDUFA10	TSS3283	chr2:240896788	8.76348	17.6202
PIN4	TSS3726	chrX:71401525-	2.78959	4.63948
WWP2	TSS15982,TSS	chr16:69796186	16.5257	16.7352
SMIM12	TSS15592,TSS	chr1:35315962-	4.23973	10.2423
DNAJB12	TSS2654	chr10:74092587	11.4757	13.0854
BET1L	TSS24010	chr11:202923-2	13.9564	16.9746
SUGT1P3	TSS6378	chr13:41486024	2.8009	1.79298
AGO1	TSS20402	chr1:36348809-	7.65058	10.8173
PIAS1	TSS33674	chr15:68346577	17.1827	10.0662
TAF1L	TSS8372	chr9:32629451-	0.292939	0.400912
ACTR6	TSS22259,TSS	chr12:10059386	8.3028	11.952
ABCB8	TSS30190	chr7:150725508	3.71048	8.27891
DNAJB14	TSS11633	chr4:100817406	9.3808	10.3716
IGHMBP2	TSS20593	chr11:68671318	3.12653	4.15803
ZNF335	TSS7809	chr20:44577297	9.53509	9.661
HIRA	TSS11353	chr22:19318227	6.93764	17.0565
CCDC94	TSS17862	chr19:42471110-	17.1948	30.0665
OTUD6B-AS1	TSS1917	chr8:92072133-	8.15802	9.82854
LRRRC14	TSS7617	chr8:145743348	2.82229	5.83688
USF2	TSS13591	chr19:35759897	48.615	68.6843
JKAMP	TSS33863	chr14:59951160	6.20191	7.79892
RANBP9	TSS16225	chr6:13621729-	14.3278	14.6674
PKN1	TSS2092,TSS3	chr19:14544167	41.3508	51.0384
ASNSD1	TSS28844	chr2:190526124	7.88842	22.8526
LAMTOR4	TSS23735	chr7:99746529-	62.3996	109.515
GTPBP6	TSS9090	chrY:171416-11	7.50545	19.1224
ARHGAP1	TSS13561	chr11:46698624	8.60744	14.7617
SAP130	TSS30266	chr2:128698790	7.52669	7.75001
BNIP2	TSS10652	chr15:59955067	28.6951	31.2716
DND1	TSS9436	chr5:140050380	4.00366	3.02984
TMEM218	TSS16009,TSS	chr11:12496426	1.57714	2.72841
PSPC1	TSS33724	chr13:20248897	26.6699	30.9063
MEAF6	TSS418	chr1:37955560-	9.59075	8.54538
FBXO9	TSS17745,TSS	chr6:52929795-	6.88104	7.01528
CCS	TSS5634	chr11:66360689	12.764	20.3166
SEC16A	TSS14498,TSS	chr9:139334547	14.5998	15.3652
LINS	TSS24923	chr15:10110947	3.12866	5.01156
NSD1	TSS25305,TSS	chr5:176560079	9.20506	8.40691
ZFC3H1	TSS12105	chr12:72003378	11.9996	8.94585
MAVS	TSS12602	chr20:3827445-	9.71965	10.8192
WDR60	TSS12651	chr7:158649268	6.61495	3.37805
LAMTOR1	TSS16707	chr11:71808337	32.5691	71.9359
PCNP	TSS6216	chr3:101293047	37.1733	64.1066
VPS11	TSS10218	chr11:11893846	10.6451	13.1503

CLOCK	TSS30243,TSS chr4:56294067-	3.45634	3.22023
ANGEL2	TSS15370,TSS chr1:21316552-	8.63106	7.84415
NSUN6	TSS32841 chr10:1883413-	4.14028	4.26422
HACL1	TSS25961 chr3:15602210-	9.64028	14.7818
C5orf24	TSS15611,TSS chr5:13418136-	7.15487	7.57001
URGCP	TSS14812,TSS chr7:43915492-	5.28519	7.08035
YTHDC1	TSS5446 chr4:69176104-	16.7886	12.8523
RABL3	TSS7507 chr3:12040552-	3.93795	7.98006
LDB1	TSS10165,TSS chr10:1038673-	33.4905	39.6238
RNF20	TSS7501 chr9:10429613-	10.5469	13.1548
TBC1D13	TSS28581 chr9:13154948-	4.19585	9.66471
PUF60	TSS11160,TSS chr8:14489851-	40.0269	105.128
ZNF408	TSS11794,TSS chr11:4672231-	5.09583	6.6535
USB1	TSS33084 chr16:5803527-	10.5747	17.5337
RPL41	TSS13734 chr12:5651037-	1079.81	1484.53
TYW1B	TSS9640 chr7:72039491-	2.41883	5.01591
DCLRE1C	TSS18222 chr10:1494660-	4.52124	4.96629
SUDS3	TSS6505 chr12:1188143-	12.0753	9.07857
RWDD3	TSS16776 chr1:95699710-	7.763	9.08736
ARAF	TSS10348 chrX:47420498-	15.7196	23.0456
PCBP2	TSS9061 chr12:5384588-	60.568	89.8904
ELOVL1	TSS10215,TSS chr1:43829067-	24.3713	42.4909
PI4KAP2	TSS29330 chr22:2182728-	6.71742	9.00974
UBE3A	TSS11054,TSS chr15:2558239-	15.7043	24.3874
TRIM41	TSS7855 chr5:18065026-	6.82116	9.41076
TUBGCP6	TSS11770 chr22:5065611-	7.79974	8.63924
NAA30	TSS3878 chr14:5785727-	8.06157	6.12665
ZDHHC24	TSS21570 chr11:6630673-	6.12402	7.24481
YKT6	TSS24662 chr7:44240577-	21.83	33.481
NFYC	TSS12112,TSS chr1:41157241-	17.6177	30.2886
ORAOV1	TSS5995 chr11:6948033-	6.3942	9.49076
TNRC6A	TSS27342 chr16:2474104-	10.3076	9.28897
C16orf52	TSS12563 chr16:2201945-	2.18455	2.80017
PSEN1	TSS28810 chr14:7360314-	9.42357	6.74087
DDX42	TSS14360 chr17:6185154-	27.0144	32.0855
GOSR2	TSS6865 chr17:4500048-	9.65711	17.3547
KDM4C	TSS32826,TSS chr9:6720862-	11.5205	10.6374
PDE12	TSS6185 chr3:57541980-	6.59252	13.0722
TSTD2	TSS21248 chr9:10036236-	5.61137	5.12078
KIAA0195	TSS4438 chr17:7345266-	4.05369	7.13233
SIRT3	TSS4472 chr11:215029-	4.0201	2.77483
MUS81	TSS8443 chr11:6562787-	9.32145	13.4781
TSNAX	TSS27996 chr1:23166439-	11.8577	22.062
RPL27	TSS23355 chr17:4115044-	823.28	1114.85
FIS1	TSS28694 chr7:10088289-	40.4806	121.491
C14orf169	TSS2691 chr14:7395763-	4.54917	10.2951
POLR2M	TSS11232 chr15:5799871-	7.50249	7.13225
ACTR10	TSS8717 chr14:5866683-	13.5762	16.5915
AP1M1	TSS972 chr19:1630866-	14.2236	23.0708
MPHOSPH8	TSS8463 chr13:2020778-	23.4758	16.8671
TRAPPC12	TSS7649 chr2:3383445-	5.65952	10.2833
TBC1D25	TSS25779 chrX:48398074-	8.0064	5.5683
PTRHD1	TSS33130 chr2:25013135-	34.0036	38.8193
BBIP1	TSS14447,TSS chr10:1126584-	2.56307	4.9674
GATAD2B	TSS31897 chr1:15377720-	12.9339	11.2161

PEF1	TSS23825,TSS chr1:32095462-	16.7554	27.8189
SIN3A	TSS15190,TSS chr15:75661719-	17.3203	15.3909
MICU1	TSS22257,TSS chr10:74127080-	12.0233	14.3813
UPK3B	TSS14644 chr7:76139739-	0.629505	0.343558
DDX6	TSS11261,TSS chr11:11861847-	40.365	31.234
PDCL	TSS24459 chr9:125580375-	6.04324	7.25482
ATP5L	TSS25229 chr11:11827210-	38.6242	112.428
PDPK1	TSS6873 chr16:2587964-	10.9932	11.5743
LRIG2	TSS27518 chr1:11361579-	4.39916	3.31595
RPL24	TSS1970 chr3:101399930-	194.977	311.445
SF3B2	TSS7978 chr11:65819815-	51.4025	86.4761
AQR	TSS3513 chr15:3514855-	9.05476	13.233
NME6	TSS14137,TSS chr3:48333806-	5.47464	7.88307
RNPC3	TSS24288 chr1:104068577-	9.00098	5.52417
HIGD2A	TSS19225 chr5:175815780-	50.7138	124.06
SDF2	TSS15372,TSS chr17:26975370-	11.5046	18.6983
ATP5EP2	TSS24310 chr13:28519340-	89.3208	111.317
ANKRD36B	TSS7377 chr2:98121260-	3.23675	1.08132
GTPBP6	TSS8456 chrX:221416-20-	12.8534	28.6733
PSMF1	TSS24749,TSS chr20:1093905-	10.718	28.7098
NCK1	TSS12774,TSS chr3:136581040-	5.52753	4.94535
UBXN1	TSS17053 chr11:62443960-	90.4687	112.691
YIPF1	TSS14494 chr1:54317391-	7.97284	6.20906
RBMXL1	TSS21110 chr1:89445138-	8.76016	10.1755
PSMD13	TSS32260 chr11:236807-20-	56.5078	91.4913
BRD9	TSS31693,TSS chr5:863849-80-	12.4505	17.7521
DYNC1I2	TSS21177,TSS chr2:172543910-	5.85698	6.87748
GID8	TSS22087 chr20:61569440-	15.4533	18.9734
NUDT16L1	TSS9151 chr16:4743693-	18.9519	22.3198
SBDS	TSS24958 chr7:66452689-	18.668	32.0827
LOC150776	TSS18637 chr2:132250380-	8.10305	10.6476
SMAD2	TSS15569,TSS chr18:45359460-	4.55075	5.28807
RTN4	TSS16671,TSS chr2:55199326-	47.8665	37.5701
SLC35E2B	TSS16097 chr1:1592938-10-	10.6411	10.1468
RPL37	TSS8762 chr5:40831429-	182.53	235.394
FAM120A	TSS15735 chr9:96213977-	23.1374	40.8373
TTC14	TSS6061 chr3:180319910-	10.9397	11.1204
GPN1	TSS16358,TSS chr2:27851514-	12.5267	30.558
EIF2B4	TSS1041,TSS2 chr2:27587218-	11.0413	27.4821
SMG1	TSS33096 chr16:18816170-	23.8145	16.297
C2CD3	TSS3002 chr11:73723750-	2.54343	3.10901
YAF2	TSS12293,TSS chr12:42550900-	6.84567	5.50633
ATR	TSS8134 chr3:142168070-	4.59553	8.64802
SP2	TSS11381 chr17:45973510-	10.4186	9.58802
GON4L	TSS28281,TSS chr1:155719440-	8.26605	7.90087
YY1	TSS28590 chr14:10070510-	25.9857	26.7374
FAM103A1	TSS28934 chr15:83654950-	4.42371	5.86742
SMARCC2	TSS18625 chr12:56555630-	17.0434	18.455
KPNA4	TSS23644 chr3:160212780-	9.909	12.3618
CUL3	TSS34240,TSS chr2:225334860-	15.1718	18.183
CHCHD5	TSS26293,TSS chr2:113342010-	14.2743	26.3747
KLHDC4	TSS12868 chr16:87741410-	12.1522	22.7386
VPS4B	TSS8060 chr18:61056420-	21.7236	20.9953
C16orf72	TSS11099 chr16:91855360-	20.0443	18.0043
UBE2L3	TSS13977,TSS chr22:21903730-	17.35	25.9414

TBC1D10B	TSS26029	chr16:3036842-	8.59784	13.3725
RNF138P1	TSS18242	chr5:54824669-	0.640392	0.662933
NOL8	TSS4455	chr9:95059639-	6.12338	17.922
EDC4	TSS30924	chr16:67906925-	13.3318	18.7253
AREL1	TSS22683	chr14:75127954-	8.08109	9.45725
GUCD1	TSS33856,TSS	chr22:24936390-	28.7432	33.6407
CCDC107	TSS3285	chr9:35658286-	8.45409	8.40645
KIAA1468	TSS17764	chr18:59854520-	6.41128	4.95528
PTCD1	TSS29607	chr7:99014361-	1.71689	5.03582
PET100	TSS22635	chr19:7694670-	24.5616	44.7177
ZNF655	TSS17012,TSS	chr7:99156044-	21.7094	21.7458
BAG4	TSS10981	chr8:38034105-	4.61763	5.8769
USP47	TSS4777	chr11:11862969-	9.96929	10.1651
C1GALT1	TSS12205	chr7:7222245-	6.93065	6.4452
RPL32P3	TSS7954	chr3:129101676-	7.98538	8.71418
AASDH	TSS23410	chr4:57204450-	2.3643	3.48425
TMCC1	TSS9135,TSS9	chr3:129366634-	0.974476	2.15717
IST1	TSS8268,TSS8	chr16:71928310-	24.2998	22.6642
LOC441155	TSS8040	chr6:66011310-	2.43959	3.39295
SCNM1	TSS24131	chr1:151138497-	11.9539	14.6226
DDX46	TSS16799	chr5:134094420-	12.8888	25.3474
ZNF638	TSS31258	chr2:71558884-	12.4074	11.2594
TCF20	TSS30877	chr22:42556018-	11.8467	12.2731
PAF1	TSS19830	chr19:39876269-	19.3584	25.6078
DNAJC17	TSS21529	chr15:41060066-	4.33509	14.5774
YIPF3	TSS5317	chr6:43479564-	17.0081	21.7226
IREB2	TSS1988	chr15:78730517-	11.3381	14.4715
CNOT3	TSS25142	chr19:54641435-	9.93146	18.2715
ATP11B	TSS28567	chr3:182511290-	12.9986	9.0454
ZGPAT	TSS1018,TSS2	chr20:62338790-	15.2046	18.6795
SNW1	TSS21678	chr14:78183940-	22.0977	29.3443
POLR2B	TSS12567	chr4:57844805-	25.2963	49.7045
ICE1	TSS11101	chr5:5422785-	9.72577	13.2078
PPP2R3C	TSS28477,TSS	chr14:35554670-	8.154	16.7243
CES2	TSS19184,TSS	chr16:66968346-	4.72773	6.85232
TERF2IP	TSS30618	chr16:75681634-	28.5422	37.3169
NDUFA13	TSS24017	chr19:19627018-	129.593	352.974
TAF7	TSS8919	chr5:140698056-	96.18	63.1869
DDRGK1	TSS12626	chr20:3171011-	21.7746	24.0999
C1orf27	TSS27407	chr1:186344889-	4.18137	4.8066
MED9	TSS21883	chr17:17380299-	3.28604	5.76426
C16orf58	TSS8110	chr16:31500795-	10.2943	14.7551
LUC7L3	TSS20816	chr17:48796925-	113.336	97.8381
AFG3L1P	TSS16379	chr16:90038987-	5.55579	8.429
TMX3	TSS32754	chr18:66340924-	15.7165	15.0145
SNAPC2	TSS1493,TSS1	chr19:7985193-	6.0686	18.4808
SENP5	TSS2318	chr3:196594726-	7.17762	7.68047
CSTF2T	TSS4795	chr10:53455245-	8.05696	12.0295
RPL35	TSS15019	chr9:127620157-	733.777	1284.12
APH1A	TSS12864	chr1:150237798-	39.6885	52.9688
ZCCHC8	TSS15209	chr12:12295614-	9.49478	7.75486
SAFB	TSS2824	chr19:5623045-	36.108	64.114
GATAD2A	TSS13169,TSS	chr19:19496647-	13.0454	31.9928
ZNF574	TSS18018	chr19:42580289-	8.66402	11.0834
RBM5	TSS17134	chr3:50126340-	51.8115	36.3277

BCL2L12	TSS30017	chr19:50168398	5.6964	10.0553
WAPAL	TSS8903	chr10:88195011	14.7475	14.6696
PSMD5	TSS13686	chr9:123578331	4.65987	9.24128
MTA2	TSS13501	chr11:62360674	27.2655	62.1507
ZNF446	TSS11698,TSS	chr19:58987530	1.84816	2.90878
RNF123	TSS23998	chr3:49726949-	4.66605	8.05489
ATG16L1	TSS10208	chr2:234160210	6.57906	8.24304
POLR2J3	TSS2335	chr7:102178365	11.0671	18.8513
HECTD1	TSS13735	chr14:31569320	18.9966	13.576
GUK1	TSS13940,TSS	chr1:228327784	61.9076	93.1937
EIF4A2	TSS8021	chr3:186501360	120.525	131.497
BCLAF1	TSS30091	chr6:136578000	17.1131	29.0723
SPCS3	TSS25692	chr4:177241089	19.6505	34.962
WDR70	TSS5642	chr5:37379411-	8.46462	12.0475
PDCL3	TSS6569	chr2:101179411	9.14569	19.7383
PPP1CB	TSS29462,TSS	chr2:28974613-	38.1263	40.1599
PGS1	TSS18196	chr17:76374698	6.89031	10.3522
SEC22A	TSS26184	chr3:122920770	1.74508	2.89022
PAK2	TSS5625	chr3:196466721	16.118	20.5215
SNAP23	TSS7497	chr15:42787500	31.0655	32.3907
SLC35A3	TSS20082,TSS	chr1:100435344	2.17497	4.08004
SMARCAL1	TSS32746,TSS	chr2:217277130	4.15549	6.64748
USP39	TSS2675,TSS2	chr2:85829964-	17.8518	29.8645
RPN1	TSS33866	chr3:128338811	38.3293	64.9127
ADH5	TSS29164	chr4:99992129-	7.54856	13.6466
EIF4G2	TSS16247,TSS	chr11:10818590	160.559	228.733
USP21	TSS11793	chr1:161129250	5.0526	6.36145
ZNF131	TSS13608,TSS	chr5:43121002-	6.10099	10.898
SSNA1	TSS32533	chr9:140083050	46.988	82.5922
DYRK1A	TSS28783,TSS	chr21:38739858	19.2712	13.913
USF1	TSS20653,TSS	chr1:161009040	30.4293	22.7158
C1orf159	TSS13580	chr1:10171971-	1.59244	5.61573
ATXN3	TSS13704	chr14:92524890	7.11729	4.23491
FNTA	TSS17464	chr8:42911441-	15.739	20.3668
ANAPC16	TSS4104	chr10:73975751	29.0588	31.4619
PIGB	TSS10052	chr15:55611130	4.40305	4.03546
TRMT2B	TSS12708	chrX:100264330	7.25837	6.7748
CPSF3L	TSS23921	chr1:12469641-	22.0564	44.4078
TAF1C	TSS15385	chr16:84211450	7.14662	10.1381
XPO4	TSS27639	chr13:21351461	4.17043	8.67763
SIAH1	TSS15677,TSS	chr16:48394440	14.7159	9.78696
RABEP2	TSS10754	chr16:28915741	16.1659	17.6758
MRPS31P5	TSS9169	chr13:52741844	3.99972	4.05873
AURKAIP1	TSS12316,TSS	chr1:13091091-	39.5997	121.875
CRY2	TSS15777,TSS	chr11:45868668	10.7662	5.61894
TSC22D2	TSS18057	chr3:150126121	9.35391	6.4015
SUPT6H	TSS8801	chr17:26989301	22.402	28.4577
TMEM167B	TSS5366	chr1:109633400	20.4481	20.7654
C22orf39	TSS7001	chr22:19428400	13.1231	10.6666
LOC728613	TSS9167	chr5:15976711-	4.08424	4.68207
RNASEH2C	TSS28333	chr11:65485140	12.7142	24.1295
GLTP	TSS16258	chr12:11028874	8.32175	15.9608
PRKAB1	TSS2562	chr12:12010570	9.93304	10.6669
DLST	TSS10875	chr14:75348590	19.2335	27.5587
AMBRA1	TSS25478,TSS	chr11:46417961	5.07068	8.70579

USP33	TSS4125	chr1:78161673-	12.8417	10.1082
SETD2	TSS17364	chr3:47057897-	19.7479	13.5508
MED28	TSS4134	chr4:17616250-	18.4747	23.9703
PTPRA	TSS12417,TSS	chr20:2844840-	13.7043	11.3511
TBP	TSS20047	chr6:170863420-	8.35439	11.2581
RAB11A	TSS14280	chr15:66161790-	8.07233	14.7056
SCAMP1-AS1	TSS4849	chr5:77654587-	0.361621	1.93766
ZNF526	TSS3681	chr19:4272449-	3.10452	5.57671
MTHFSD	TSS22203,TSS	chr16:8656378-	3.63569	4.53695
CTDP1	TSS17172,TSS	chr18:77439800-	8.48216	16.6563
NIT1	TSS24433,TSS	chr1:16108786-	6.22657	10.5243
ANKRD49	TSS15586	chr11:94227150-	10.2884	11.4597
STAG3L5P-PV	TSS17699	chr7:99933687-	13.1919	7.17213
TADA3	TSS9121	chr3:9821647-0	17.6517	21.349
RAB7A	TSS18209	chr3:128444970-	49.7316	99.8639
TRRAP	TSS7735	chr7:98476112-	11.5067	11.8886
METTL17	TSS27539	chr14:21457960-	16.4489	22.643
PAXBP1	TSS13055	chr21:34106200-	10.9502	10.4992
TBC1D17	TSS2278	chr19:5038068-	16.1544	10.1425
NDUFA5	TSS17946,TSS	chr7:12317705-	4.90735	9.42371
ZBTB33	TSS19122,TSS	chrX:119384600-	9.57561	9.2084
VPS52	TSS26591	chr6:33218048-	6.43646	11.7847
PROSC	TSS18065	chr8:37620100-	11.6957	22.0085
PHRF1	TSS11249	chr11:576445-0	14.0125	18.8134
AP5M1	TSS20619	chr14:57735600-	9.53936	16.3585
DBR1	TSS5256	chr3:137879820-	7.45409	11.2669
NTAN1	TSS4326	chr16:15131700-	14.2191	5.11319
ZSCAN32	TSS25788	chr16:3432080-	6.59507	6.52681
ZNF212	TSS2788	chr7:14893674-	7.57823	8.30777
MED30	TSS1278	chr8:11853295-	11.3013	23.4723
SF3B5	TSS12701	chr6:144416010-	48.7323	161.763
COPZ1	TSS20086	chr12:54718870-	27.7563	51.1762
NCKAP1L	TSS2011,TSS2	chr12:54891490-	28.6106	32.9697
SPG11	TSS5650	chr15:44854890-	9.30899	7.19241
TSG101	TSS5047	chr11:18501850-	19.2138	33.3699
SLX1B	TSS13575	chr16:29465820-	3.40752	13.2853
RNF216P1	TSS19702	chr7:5013615-0	4.15468	5.62076
ZNF445	TSS15661	chr3:44481261-	2.87304	2.41265
APPBP2	TSS24673	chr17:58520500-	5.53111	4.43805
SMARCD1	TSS24620	chr12:50478980-	15.9371	25.6342
POM121C	TSS21377	chr7:75046059-	14.4196	24.9448
C19orf47	TSS20301,TSS	chr19:40826960-	4.68178	7.04068
SKP1	TSS15487	chr5:13349208-	24.8408	46.9949
E2F3	TSS4528,TSS7	chr6:20402136-	6.05107	8.64774
5-Mar	TSS31795	chr10:94050910-	4.15909	5.93158
LOC283922	TSS28676	chr16:74366300-	3.47565	3.9745
PRKRIP1	TSS32768	chr7:102036800-	10.1354	12.3355
DHDDS	TSS16503	chr1:26758772-	6.66924	9.99284
PDIA3P1	TSS4251	chr1:146649420-	23.6873	50.13
FUK	TSS17685	chr16:70488490-	1.05899	3.40793
ARF6	TSS33135	chr14:50359730-	36.4149	37.929
NPRL2	TSS6203	chr3:50384918-	5.51258	11.467
FAM58A	TSS19143	chrX:152853380-	6.85225	14.2008
ANKRD36	TSS10796	chr2:97779232-	3.20577	1.14016
TRMT2A	TSS30810	chr22:20099380-	7.4345	16.5816

CNPPD1	TSS17872	chr2:220036618	66.1199	76.2611
RAD54L2	TSS30150	chr3:51575595-	5.74208	6.05305
DDX28	TSS33885	chr16:68055176	4.63902	10.8359
ADIPOR1	TSS10705,TSS	chr1:202909952	23.9361	30.8219
SMPD4	TSS27240,TSS	chr2:130908964	11.4747	16.6416
ARIH1	TSS13396	chr15:72766666	17.3119	17.2873
RPL13AP6	TSS28709	chr10:11269636	124.534	130.965
ZMYM5	TSS5613	chr13:20397621	6.71995	4.13093
TEX264	TSS1166,TSS2	chr3:51705190-	14.6481	18.2205
HNRNPDL	TSS31426	chr4:83343716-	43.4092	79.157
ALG5	TSS13062	chr13:37523901	11.2164	21.5207
FAM208A	TSS14393,TSS	chr3:56654159-	11.9133	10.0575
COMMD9	TSS31283	chr11:36293841	5.58414	12.0389
SUMO1	TSS31415	chr2:203070902	23.9997	43.782
NBPF8	TSS17794	chr1:147574322	2.61693	2.48193
FRS2	TSS28114	chr12:69864128	4.28457	2.54136
CNOT11	TSS30312	chr2:101869344	10.6387	20.9899
C19orf12	TSS28991,TSS	chr19:30189792	3.40661	5.55942
DNAJC24	TSS14976	chr11:31391376	3.76431	6.35434
PDCD6	TSS32384	chr5:271735-31	30.1935	65.6729
DDA1	TSS2472	chr19:17420336	5.09675	7.1301
DNAJC7	TSS2354,TSS3	chr17:40128438	31.6516	53.1026
FAM204A	TSS30819	chr10:12006851	9.61982	9.85473
CAPZA1	TSS2790	chr1:113162074	49.5133	75.8298
PPP2CA	TSS26547	chr5:133532141	36.3999	65.0722
INTS6	TSS1138	chr13:51935706	8.52923	4.94379
TOX4	TSS24809	chr14:21945334	12.2633	13.5885
RNF113A	TSS6085	chrX:119004490	18.8445	18.6616
RRAGA	TSS7888	chr9:19049371-	17.8742	21.7045
UBXN2B	TSS16999	chr8:59323822-	4.81494	3.69873
MTCH1	TSS18761	chr6:36935910-	32.689	40.285
VPS33A	TSS5329	chr12:12271609	10.2447	17.8856
MBNL1	TSS11068,TSS	chr3:151985828	49.4288	58.3461
RABGAP1	TSS14562	chr9:125703281	10.7381	9.38525
GLOD4	TSS21685	chr17:662548-61	18.2446	31.0829
RBM7	TSS3482	chr11:11427125	7.87472	6.7918
TYW1	TSS962	chr7:66461791-	2.6673	7.56008
RAB5A	TSS26278	chr3:19988571-	11.0145	11.188
ITFG2	TSS33414,TSS	chr12:2921786-	9.59206	9.64045
RC3H2	TSS4805	chr9:125611731	8.03068	7.76569
NDUFA11	TSS18740	chr19:5891286-	44.3892	147.927
TM9SF3	TSS809	chr10:98277866	18.7911	18.186
SLC39A13	TSS1506	chr11:47430045	3.16971	4.79414
TTC21B	TSS7807	chr2:166729871	3.65894	3.82188
CDIPT	TSS23039	chr16:29869676	17.3293	21.3068
CDPF1	TSS27165	chr22:46639909	3.74296	5.3732
SPG21	TSS1822,TSS6	chr15:65255361	25.1576	47.5345
TMED9	TSS10578	chr5:177019212	43.8155	88.0746
RBM8A	TSS23382	chr1:145507556	18.7494	19.6693
TMEM219	TSS27595	chr16:29973356	24.0724	22.1604
ZKSCAN5	TSS13728,TSS	chr7:99102272-	3.66471	3.85058
POM121	TSS32232,TSS	chr7:72349905-	15.1557	27.7155
ARFIP1	TSS28790	chr4:153701088	5.25337	5.77027
PDE6D	TSS1573	chr2:232597134	7.08578	13.4935
WBP1L	TSS5262,TSS7	chr10:10450372	10.599	9.69353

ZNF207	TSS23587	chr17:30677150	39.5504	75.1823
LRRRC37A2	TSS33556	chr17:44590075	4.89252	3.14456
DPF2	TSS30802	chr11:65101224	19.4817	22.9069
UNK	TSS2538	chr17:73780919	19.5539	14.8036
EEF1D	TSS10776,TSS	chr8:144661860	221.135	248.798
PPTC7	TSS7085	chr12:11097220	11.188	16.3322
TEX261	TSS18157	chr2:71213067-	11.1258	22.9516
BCL2L2-PABF	TSS30887	chr14:23775970	31.5576	43.3192
GTF3C2	TSS28111	chr2:27548715-	10.3693	25.1426
PDAP1	TSS4151	chr7:98992297-	12.2898	36.9877
AAR2	TSS16351	chr20:34824338	9.47143	20.2834
URI1	TSS10112,TSS	chr19:30414550	9.97739	24.565
MTMR9	TSS7736	chr8:11141999-	3.15196	3.08973
YBEY	TSS25471	chr21:47706260	10.4067	16.1601
CAPZA2	TSS31764	chr7:116502562	26.2602	29.9685
BROX	TSS24203,TSS	chr1:222885894	17.2653	16.0605
SYF2	TSS4786	chr1:25548766-	38.2272	38.9479
ZNF839	TSS2161,TSS3	chr14:10278377	2.16389	3.78691
KIAA1429	TSS29955	chr8:95500004-	13.1639	14.137
GPKOW	TSS10463	chrX:48970322-	8.73713	18.053
RRN3P2	TSS29793	chr16:29086162	6.38021	10.0523
NIPBL	TSS25125	chr5:36876860-	17.2458	13.5283
TMEM126B	TSS31218	chr11:85339610	22.0096	42.1774
CCNT1	TSS13676	chr12:49082240	7.08785	7.52156
ASB6	TSS4900	chr9:132396882	7.80756	8.77677
RUNDC1	TSS16893	chr17:41132587	6.75293	6.51348
PRRC2B	TSS3295	chr9:134305470	24.1708	20.251
ZNF124	TSS4410	chr1:247285270	3.91572	4.5025
OSGEP	TSS19460	chr14:20915200	10.6053	21.7448
CNNM4	TSS8462	chr2:97426638-	4.22052	3.56569
WDR24	TSS29070	chr16:73462171	2.7282	7.03757
NBPF9	TSS17794	chr1:148250248	5.34776	2.88756
PDIA3	TSS18127	chr15:44038589	14.9565	29.9242
TMED4	TSS2255	chr7:44617493-	18.5945	24.3255
MIER1	TSS10615,TSS	chr1:67390577-	13.1782	9.84759
HIATL2	TSS17119	chr9:99708326-	12.6645	11.2597
ZNF346	TSS2862	chr5:176449680	3.47007	3.87166
RPL31P11	TSS11474	chr1:161653494	3.95346	7.06452
KIAA1033	TSS28210	chr12:10550149	33.7733	22.3187
PPP1R8	TSS18141,TSS	chr1:28157251-	22.8165	26.3006
SUFU	TSS24092	chr10:10426377	1.89234	1.6804
GOSR1	TSS19073	chr17:28804425	6.13842	8.19036
TAOK2	TSS9660	chr16:29985187	6.98212	10.6903
ACER3	TSS21363	chr11:76571910	2.19598	2.756
PWWP2A	TSS5741	chr5:159502897	4.99413	4.81538
ARL6IP4	TSS27110	chr12:12346460	39.2025	70.5677
CRKL	TSS19329	chr22:21271710	18.6963	19.0284
RHOA	TSS16372	chr3:49396578-	181.786	233.045
PAXBP1-AS1	TSS24485	chr21:34100424	0.961788	0.362677
UBIAD1	TSS10419	chr1:11333254-	7.92375	15.2574
YME1L1	TSS28046	chr10:27399039	21.0716	36.736
LRRRC37A	TSS3696	chr17:44372490	4.41403	2.63802
LIX1L	TSS23730	chr1:145477060	8.14314	11.4091
STK11	TSS12431	chr19:1205797-	10.62	13.4691
NDUFS5	TSS20417	chr1:39491966-	47.7971	166.178



USE1	TSS24126	chr19:17326154	33.4325	28.765
IWS1	TSS5283	chr2:128238384	16.5987	22.6562
NR2C2	TSS30332	chr3:14989090-	11.4971	9.12666
ATP5E	TSS20149	chr20:57603734	92.8776	204.676
FKBP2	TSS33893,TSS	chr11:64008414	27.1372	44.3602
TRIP4	TSS1122	chr15:64680004	12.6069	10.2095
COMMD5	TSS24058,TSS	chr8:146075550	15.1047	18.9968
VWA9	TSS33072,TSS	chr15:65871094	16.9916	23.3444
TRIM56	TSS11496	chr7:100728719	13.7357	11.5011
SMURF1	TSS9362	chr7:98625057-	6.66073	6.2091
MESDC2	TSS19174	chr15:81239667	6.74426	8.47672
PPP2R4	TSS1123,TSS2	chr9:131873227	14.7945	31.7975
NDUFA2	TSS21421	chr5:140024947	31.2775	98.2146
VEZF1	TSS3408	chr17:56048909	11.1278	8.66246
SMDT1	TSS14480	chr22:42475694	22.3228	31.2054
CD164	TSS16582	chr6:109687716	54.7365	62.1077
PITHD1	TSS7772	chr1:24104875-	37.5244	44.478
IBA57	TSS19292,TSS	chr1:228353508	2.88583	2.16803
LCMT1	TSS31670	chr16:25123046	6.46403	12.7098
UBB	TSS10530,TSS	chr17:16284106	951.682	882.042
CERS5	TSS10217	chr12:50523088	11.685	13.1537
UBALD1	TSS30411	chr16:4658883-	13.8692	21.302
PSKH1	TSS26659	chr16:67927174	4.50359	6.64086
TRMT112	TSS3023	chr11:64083960	35.6118	84.0064
JPX	TSS20027	chrX:73164158-	0.915098	1.81576
UBQLN1	TSS12020	chr9:86274877-	33.8602	47.8835
EIF4EBP2	TSS3680	chr10:72163860	10.5199	13.1262
CEP164	TSS30703,TSS	chr11:11719249	2.77396	5.21209
LONP2	TSS23055	chr16:48278077	5.97844	11.3726
PDXDC2P	TSS25330	chr16:70010207	5.40836	5.09924
TIAL1	TSS6270	chr10:12133297	15.1673	24.1703
MRPL54	TSS3500	chr19:3762664-	28.5713	66.8878
LTN1	TSS3863	chr21:30300465	5.06008	5.87931
PDCD7	TSS25632	chr15:65409716	4.95466	12.131
SPOPL	TSS19207	chr2:139259349	9.36546	8.82904
GPATCH1	TSS3567	chr19:33571785	2.07468	4.75853
CUL4B	TSS14330,TSS	chrX:119658444	13.1771	9.32876
USP9X	TSS22002	chrX:40944887-	14.5142	11.7798
MIS12	TSS16285,TSS	chr17:5389693-	15.9356	14.2225
CEP162	TSS10467	chr6:84833959-	1.87384	1.30077
TMEM183A	TSS14844	chr1:202976530	3.35703	4.34798
CHUK	TSS13762	chr10:10194814	5.14136	13.2891
SCAMP4	TSS3247	chr19:1905372-	7.20977	11.2391
CCZ1	TSS32319	chr7:5938340-4	12.3164	23.263
THRAP3	TSS28467	chr1:36690016-	36.6171	52.362
HERC2	TSS21957	chr15:28356184	4.83772	4.00727
PIK3CA	TSS7129	chr3:178866310	14.1655	8.95527
MRPL28	TSS2375	chr16:417383-4	27.5785	69.711
VCPKMT	TSS11728	chr14:50575349	9.88462	7.59361
MLX	TSS1528	chr17:40719077	9.67156	20.2422
SLX1A-SULT1	TSS4573	chr16:29466417	9.12244	4.33378
C3orf17	TSS575	chr3:112721297	11.1335	11.1794
ANKRD52	TSS12335	chr12:56631590	6.17889	9.42109
MTHFS	TSS11469,TSS	chr15:80135888	3.25565	4.47907
SREK1	TSS29914,TSS	chr5:65440045-	20.6849	17.9924

C16orf91	TSS24039	chr16:1469744-	8.42473	21.313
SNX14	TSS16892	chr6:86215214-	10.633	7.72011
RNF181	TSS26374	chr2:85822836-	47.7869	71.8119
FAM120AOS	TSS32218	chr9:96208781-	6.77889	8.07635
CDK10	TSS28533	chr16:89753075-	10.0994	13.009
NDUFA1	TSS28909	chrX:11900573-	86.5462	175.172
SLX1A	TSS24597	chr16:3020516-	3.22467	12.9007
UNC45A	TSS22167,TSS	chr15:9147340-	15.1734	17.519
RPL13AP20	TSS20667	chr12:1302841-	196.769	255.102
DVL3	TSS28243	chr3:18387328-	10.3912	9.92004
PHF20	TSS20226	chr20:3435992-	8.30907	11.3452
TSPYL1	TSS13318	chr6:11659602-	27.8798	20.0048
MRPL53	TSS1443	chr2:74699084-	25.2527	53.923
DAXX	TSS16288	chr6:33286334-	18.8776	34.6338
PCMT1	TSS8644	chr6:15007083-	29.4207	41.9229
NFKBIB	TSS17720,TSS	chr19:3939033-	20.2452	47.4719
SDHD	TSS27175	chr11:1119575-	23.5975	59.9284
MARK2	TSS24073,TSS	chr11:6360639-	9.59954	11.0256
PAPD5	TSS31680	chr16:5018682-	3.10154	3.44985
OCIAD1	TSS16764,TSS	chr4:48833059-	21.8785	37.8736
ANAPC11	TSS17980,TSS	chr17:7984866-	25.9454	67.9655
MKL1	TSS13520,TSS	chr22:4080628-	13.7433	10.9198
ADAM10	TSS14198	chr15:5888740-	13.7953	13.4905
THAP11	TSS22553	chr16:6787621-	8.70478	22.0838
STRADA	TSS23954	chr17:6178019-	8.90827	9.10501
COPS4	TSS18605	chr4:83956238-	13.445	36.9384
RPS19	TSS27198	chr19:4236398-	1115.52	1647.51
SNRNP200	TSS27808	chr2:96940073-	25.3121	47.0076
ZNF341	TSS10806	chr20:3231956-	1.73549	2.29765
CHMP2B	TSS3123	chr3:87276412-	13.026	16.2863
TAF12	TSS13918	chr1:28929608-	8.03144	15.9947
NACAP1	TSS4916	chr8:10238112-	7.76499	8.26307
PMS2P5	TSS27871	chr7:74702376-	0.563697	1.63563
PRPF8	TSS8075	chr17:1553922-	39.8344	76.4806
SACM1L	TSS29980	chr3:45730753-	15.5573	16.0384
CCZ1B	TSS18166	chr7:6838565-	12.7231	23.8605
SLX1B-SULT1	TSS4960	chr16:3020575-	11.5019	7.48845
YTHDF1	TSS33362	chr20:6182678-	17.3107	23.6774
GPBP1L1	TSS17782	chr1:46092975-	28.7399	26.5719
RWDD1	TSS18987	chr6:11689252-	11.6477	26.6839
GUSBP4	TSS31852	chr6:58246158-	5.37062	4.10277
KIDINS220	TSS11456	chr2:8868986-	7.17513	6.4593
AIP	TSS10768,TSS	chr11:6725049-	41.1352	62.5827
SF3A2	TSS8699	chr19:2236815-	30.7318	53.6516
KIAA1143	TSS30074	chr3:44790235-	10.0991	10.9138
FLII	TSS16973,TSS	chr17:1814813-	28.8236	32.948
GABPA	TSS13445,TSS	chr21:2710725-	6.28636	7.93685
KDM2A	TSS23303,TSS	chr11:6688673-	39.2251	29.2168
EIF2B1	TSS6570	chr12:1241055-	13.8529	37.3736
NPIPA5	TSS31100	chr16:1545748-	15.8219	11.804
LCOR	TSS21854,TSS	chr10:9859201-	5.44417	3.45029
PRRC2C	TSS32973	chr1:17145466-	27.3021	38.0014
CHIC1	TSS19003	chrX:72782983-	2.76133	2.55193
AGO3	TSS7615	chr1:36396682-	6.71261	4.6946
EDF1	TSS3478	chr9:13975656-	121.966	244.279

SBF1	TSS9356	chr22:50883430	27.5827	24.0846
LOC642236	TSS24449	chr9:68427782	5.02383	4.40333
TRIM27	TSS30165	chr6:28870778	13.0628	26.409
LRRC57	TSS16232	chr15:42834719	3.74574	4.17794
SMG1P1	TSS5701	chr16:22448328	17.4552	16.9058
SNHG20	TSS2338	chr17:75084724	4.60144	4.27246
CHD6	TSS30210	chr20:40030742	6.56626	3.73471
NRBF2	TSS9426	chr10:64893006	6.66026	9.12783
NHEJ1	TSS25148	chr2:219940045	8.65527	10.3592
DDX19A	TSS31217	chr16:70380829	7.3331	22.6629
RPS9	TSS26686	chr19:54704725	1022.8	1480.64
TRAPPC3	TSS20851,TSS	chr1:36602169	21.4542	41.8564
RNF7	TSS30566	chr3:141457050	10.2254	24.0854
CMTR2	TSS22008,TSS	chr16:71316202	9.96286	10.0019
PARP6	TSS31177	chr15:72533527	9.90032	7.33008
ZBTB39	TSS17043	chr12:57392616	3.48192	4.03888
PSME4	TSS31256	chr2:54091203	18.8951	24.4712
ZBTB17	TSS7395	chr1:16268363	10.9016	14.9737
MAPK14	TSS28272	chr6:35995453	6.97183	6.50825
HMG20B	TSS33587	chr19:3572942	12.5591	20.4379
NKTR	TSS18261	chr3:42642146	18.4718	13.8544
KRIT1	TSS20898,TSS	chr7:91828282	7.59514	6.91955
SBNO1	TSS23624	chr12:12377365	13.8792	13.2708
MATR3	TSS15845,TSS	chr5:138609440	43.3065	59.9083
SEC24C	TSS316	chr10:75504130	20.6923	38.494
RABGEF1	TSS17018,TSS	chr7:66147077	6.72916	10.0388
MOB1A	TSS9667	chr2:74383210	63.1784	88.5771
CSNK1G2	TSS5431	chr19:1941160	26.3499	31.5936
UNC50	TSS18232	chr2:99225041	13.2909	24.8125
OSBPL11	TSS26270	chr3:12524770	9.66068	8.15482
CIZ1	TSS16420,TSS	chr9:130928345	18.3104	33.9523
MED22	TSS16060	chr9:136207750	7.47501	14.168
UQCR10	TSS29093	chr22:30163357	24.0221	76.0623
GLE1	TSS22672	chr9:131266970	10.3205	16.8716
VHL	TSS15108	chr3:10183318	32.8833	27.7316
HSF1	TSS10667	chr8:145515269	25.0059	37.8386
SCYL3	TSS14899	chr1:169822214	5.14869	5.70038
STK19	TSS28437	chr6:31981517	4.04212	2.97537
CEP290	TSS14323	chr12:88442789	3.04108	2.92489
MED19	TSS8586	chr11:57471186	5.78579	9.90356
CRYZL1	TSS3603	chr21:34961647	5.67246	6.83121
SPOP	TSS7593	chr17:47676245	16.1243	21.4098
STK19	TSS23549,TSS	chr6:31938951	4.58966	3.82904
COG7	TSS32313	chr16:23399815	2.54341	6.7093
CANT1	TSS3839	chr17:76987797	12.9922	12.1714
PRMT9	TSS31408	chr4:148558935	2.49634	3.46594
CXorf38	TSS24808	chrX:40486172	5.26375	7.87895
TMEM55B	TSS6628	chr14:20926017	22.1254	20.3804
RPL18A	TSS24475	chr19:17970686	239.322	384.747
RPP21	TSS25078	chr6:30312905	18.595	48.49
TJAP1	TSS19603,TSS	chr6:43445260	11.8886	11.9682
FAM219B	TSS27009	chr15:75192327	10.1914	5.46078
ZC3H15	TSS20088	chr2:187350884	28.326	67.533
CWC22	TSS14897	chr2:180809605	6.64787	11.8244
ZNF18	TSS21924,TSS	chr17:11880755	2.72094	2.33094

CDC40	TSS32211	chr6:110501620	13.3274	11.2492
ZNF41	TSS14145	chrX:47305560	2.1777	3.66036
PYGB	TSS12897	chr20:25228700	7.59359	12.3823
RB1CC1	TSS29214	chr8:53535017	13.6954	7.63636
DPM2	TSS19713	chr9:130697370	7.6765	21.5401
ARHGAP12	TSS29219,TSS	chr10:32094320	6.0856	2.6526
DNAJC5	TSS24415	chr20:62526450	11.322	12.7019
9-Mar	TSS32620	chr12:58148880	9.09799	6.55043
C8orf76	TSS33294	chr8:124232190	7.33538	16.3993
C2orf69	TSS13945	chr2:200775970	4.43713	6.51674
LZTR1	TSS11184	chr22:21336550	7.73926	13.6181
INTS9	TSS28375,TSS	chr8:286251740	5.13355	13.4813
CACTIN	TSS19019	chr19:36106260	7.38047	14.0645
CCDC115	TSS22544,TSS	chr2:131095500	15.4963	14.2384
ZNF776	TSS6461	chr19:58258160	5.65714	4.79484
MRPL10	TSS3368	chr17:45900630	8.27268	24.6183
MTRF1	TSS24056	chr13:41790510	3.98075	5.4519
TUG1	TSS7445	chr22:31365190	18.5734	14.657
DIDO1	TSS18631,TSS	chr20:61509080	24.1681	19.1995
CCDC53	TSS13492	chr12:10240660	5.85085	14.5087
AKAP17A	TSS15453	chrX:17104850	13.1937	10.0809
FTSJ1	TSS22297	chrX:483344080	5.67617	27.5605
SMC5	TSS6544	chr9:728738770	8.29844	11.7098
GPR89B	TSS25334	chr1:147400500	6.0526	5.31544
RANBP2	TSS22947	chr2:109335930	15.0584	18.1376
ZNF407	TSS25175	chr18:72342910	1.98345	3.66671
RYK	TSS25892	chr3:133875970	8.65227	8.39672
GHITM	TSS32361	chr10:85899180	76.9857	146.644
KIAA0196	TSS24649	chr8:126036500	6.63569	12.2285
TAF6	TSS15135,TSS	chr7:997046920	10.2343	15.5249
PRPF31	TSS18381	chr19:54618780	15.0675	55.713
TASP1	TSS19000	chr20:13370030	2.86297	5.75703
IER3IP1	TSS11134	chr18:44681380	13.0764	24.7197
SUMO1P3	TSS1239	chr1:160287050	8.8633	14.9257
TRAK2	TSS30057	chr2:202241920	4.21529	5.40251
ZNF33A	TSS16016	chr10:38299570	9.50348	7.16028
PPP2CB	TSS20244	chr8:306431250	18.0976	21.8062
ZMAT5	TSS32213	chr22:30126940	6.54551	17.6
NPTN-IT1	TSS31677	chr15:73859270	0.837487	0.661613
PPP1R2P3	TSS12487	chr5:156277540	2.36519	1.65467
C18orf32	TSS26198	chr18:47007540	11.1828	10.4754
6-Mar	TSS12504	chr5:103537500	15.0638	12.6199
FAAP20	TSS3324,TSS7	chr1:21158980	8.89241	29.6229
BAHD1	TSS14121,TSS	chr15:40731910	11.9169	9.33831
ATP6V1G1	TSS21996	chr9:117349990	60.891	62.8968
SRSF5	TSS31697,TSS	chr14:70233820	171.702	158.848
TMEM165	TSS8441	chr4:562620790	30.7705	26.2215
AHCTF1	TSS32648	chr1:247002400	4.73603	5.49612
NSMCE4A	TSS17746	chr10:123716600	21.8133	23.9699
ZNF684	TSS26733	chr1:409972320	0.626325	1.47247
GLTSCR1L	TSS20297	chr6:427887930	4.81438	4.874
AKAP17A	TSS28298	chrY:16604850	10.6393	8.68095
GPN2	TSS6521	chr1:272058720	9.3717	17.7185
ATP9B	TSS20559	chr18:76829270	2.91324	3.6911
TMEM33	TSS4976	chr4:419371360	5.88145	10.4783

ADAM17	TSS26272	chr2:9629410-	25.7022	16.3631
FCF1	TSS6433	chr14:7517984-	12.3733	27.2706
LINC00265	TSS30564	chr7:39773166-	1.54856	1.72319
INTS5	TSS32150	chr11:6241431-	7.76823	14.1167
IKZF5	TSS21045,TSS	chr10:1247503-	8.64744	8.76221
TRIM39	TSS27377,TSS	chr6:30294620-	5.86202	5.4624
ABCC10	TSS10835,TSS	chr6:43395291-	2.05847	2.87747
HIATL1	TSS19850	chr9:97136832-	19.2048	22.9774
FLYWCH2	TSS23905	chr16:2933195-	4.56968	15.4938
C1orf174	TSS19840	chr1:3805696-	11.9558	16.6267
JOSD1	TSS28936	chr22:3908154-	18.2041	21.0026
COMMD8	TSS11938	chr4:47452810-	7.30306	21.1287
PPCS	TSS24167,TSS	chr1:42922011-	9.73518	11.3498
DNTTIP2	TSS24920	chr1:94335013-	32.4032	50.3774
TRAPPC2	TSS27253	chrX:13730360-	4.54314	4.45702
ORMDL2	TSS7307	chr12:5621180-	13.9965	16.2997
PRCC	TSS11701	chr1:15673727-	26.5102	40.6607
C2orf68	TSS32385	chr2:85832375-	7.22325	5.11792
LINC01061	TSS7616	chr4:12032667-	1.40766	0.659234
SLC35A5	TSS1983	chr3:11228085-	5.60887	5.86013
TNRC18	TSS27354	chr7:5346422-	3.46738	5.82457
KDM2B	TSS29108,TSS	chr12:1218668-	15.7274	13.5599
ZXDC	TSS5330	chr3:12615644-	10.4414	8.57284
CEBPZOS	TSS14210	chr2:37423634-	7.97593	14.4161
NBPF7	TSS16461	chr1:12037738-	0.6072	0.174016
CUL9	TSS28866	chr6:43149921-	3.68659	3.23339
DNAJC13	TSS29475	chr3:13213655-	9.12424	7.37734
PIAS4	TSS28752	chr19:4007595-	9.75024	9.61734
ZNF17	TSS26193	chr19:5792252-	2.77247	3.52163
SUPT20H	TSS228,TSS96	chr13:3758345-	7.9805	11.776
ILVBL	TSS8838	chr19:1522578-	6.74199	12.6627
NPIPA7	TSS22639	chr16:1841177-	14.4233	9.28503
RPS6KB1	TSS17421	chr17:5797040-	3.75679	8.74063
SDE2	TSS14884	chr1:22617040-	11.6435	11.1869
TMEM9B	TSS176,TSS26	chr11:8968747-	14.0796	15.8022
NDUFAF7	TSS5843	chr2:37458773-	6.7094	8.39876
TCEANC2	TSS29386	chr1:54519244-	2.6875	2.56165
MGRN1	TSS33274	chr16:4674824-	10.7245	16.9068
SLC9A1	TSS15778	chr1:27425299-	3.47567	6.30509
UBE2M	TSS13936	chr19:5906707-	11.3993	27.3501
WASH3P	TSS11436	chr15:1025010-	9.42982	7.37758
ARL2BP	TSS2574	chr16:5727903-	16.6258	15.1858
PDS5A	TSS23364	chr4:39824482-	22.7995	29.1376
GTPBP1	TSS4789	chr22:3910180-	13.8406	13.5806
RBM45	TSS21229	chr2:17897715-	4.02134	5.83735
PPP1R11	TSS7923	chr6:30034931-	16.1417	23.7544
NXF1	TSS11073	chr11:6255959-	46.7456	33.9031
	7-Sep TSS6211	chr7:35840595-	43.031	49.574
NRF1	TSS15789,TSS	chr7:12925154-	8.45334	6.81794
STK35	TSS33125	chr20:2082527-	7.61228	7.7851
TAB1	TSS13024	chr22:3979575-	4.56846	8.63489
C19orf68	TSS3184	chr19:4867394-	2.7054	2.47131
FBXO34	TSS1146,TSS1	chr14:5573802-	9.7179	6.08412
NDUFA3	TSS24743	chr19:5460615-	53.0953	177.882
ARNT	TSS22987	chr1:15078218-	7.86318	9.84415

ZNHIT1	TSS22154	chr7:100860984	18.0688	37.9646
SLC35F5	TSS14935,TSS	chr2:114470368	8.56167	5.5094
MCPH1	TSS18415	chr8:62641124	10.189	7.31429
ZNF767P	TSS33009	chr7:149244244	11.9571	6.21033
RNF40	TSS1354,TSS6	chr16:30772934	9.43973	18.4162
TOMM7	TSS6890	chr7:228522504	136.653	152.122
ANKRD54	TSS22918	chr22:38226864	3.19708	5.24601
MED1	TSS16035	chr17:37560534	10.7411	14.0271
LRRRC37A4P	TSS7893	chr17:43583248	11.5327	4.89254
EID2	TSS4036	chr19:40029448	5.30705	8.80412
NR1H2	TSS21274	chr19:50879678	31.4737	54.0263
LNX1	TSS13969,TSS	chr4:543264364	0.842169	0.869278
OTUD4	TSS16178,TSS	chr4:146054804	7.95087	9.40278
LOC146880	TSS25164,TSS	chr17:62745778	8.53732	9.96204
MAPK1IP1L	TSS33465	chr14:55518364	12.6498	17.1707
KDM6A	TSS1954	chrX:447324204	8.08233	5.08011
HNRNPUL2-B	TSS28307	chr11:62457738	7.02793	16.1318
DLSTP1	TSS27952	chr1:762076864	1.69732	3.55605
VPS45	TSS22176,TSS	chr1:150039348	7.56258	6.57823
TACO1	TSS10327	chr17:61678238	7.23398	21.2529
SNAP29	TSS20887	chr22:21213294	5.89772	6.25897
DDHD2	TSS29194,TSS	chr8:380890084	7.89396	8.25129
TBK1	TSS18346	chr12:64845838	22.329	18.087
CTDSPL2	TSS9504	chr15:44719578	9.38454	8.41475
INPP5E	TSS23440	chr9:139323068	3.60711	4.75805
IKBKAP	TSS7378	chr9:111629798	4.37479	9.9036
GPR89A	TSS31376	chr1:145764594	6.73786	6.06789
RANGRF	TSS18861	chr17:81919684	13.0514	44.2884
PHLPP2	TSS11365,TSS	chr16:71678828	4.69087	2.85672
KRAS	TSS30087	chr12:25357728	11.1064	11.514
TAZ	TSS24132	chrX:153639858	10.1959	9.68133
TIMMDC1	TSS19664	chr3:119217364	15.4902	39.6666
FOXN2	TSS29884	chr2:485417944	6.51848	8.77275
ACBD5	TSS31800,TSS	chr10:27484148	9.42456	5.57684
PDLIM5	TSS20471	chr4:953730074	5.15304	5.7936
TIMM23B	TSS29061	chr10:51371378	4.4538	17.671
GIN1	TSS18083	chr5:102421708	1.46691	1.40257
GTF2IRD2	TSS4385	chr7:742104824	14.8695	9.29786
GET4	TSS9608	chr7:91619094	15.5579	25.6397
HNRNPL	TSS5641,TSS6	chr19:39327024	52.4591	101.332
GATC	TSS1282	chr12:12088424	7.67681	12.8128
TRA2B	TSS7648	chr3:185632354	29.1336	54.3148
PI4KAP1	TSS33455	chr22:20383738	5.06541	6.52079
RNF138	TSS12248,TSS	chr18:29671814	7.88961	10.6981
SUMO2	TSS11569	chr17:73163824	63.6019	107.756
MAP2K4	TSS17759	chr17:11924134	6.06117	8.33267
RPL30	TSS9925	chr8:990539374	1400.55	1648.15
EAF1	TSS16263	chr3:154690634	8.23994	9.7821
API5	TSS5900	chr11:43333504	19.2671	39.4533
PSME1	TSS20597	chr14:24605368	104.123	269.218
HIST2H2BC	TSS29498	chr1:149821758	1.20318	2.70816
WTAP	TSS1700,TSS2	chr6:160148028	68.3321	66.6408
MAP3K10	TSS12190	chr19:40697658	0.765179	2.9367
SMNDC1	TSS449	chr10:11205278	14.506	23.3129
PIGC	TSS26822	chr1:172410598	10.7847	9.85903

NF1	TSS24733	chr17:29421944	4.9925	4.63679
NPIPA1	TSS19704	chr16:15031299	13.8989	9.78348
RPL23A	TSS3928	chr17:27046999	146.799	243.582
SRSF11	TSS15836	chr1:70671364	76.3027	71.8444
NR2C1	TSS16640	chr12:95414004	3.09482	4.94644
L3MBTL2	TSS22980	chr22:41601314	9.12329	15.2016
WDTC1	TSS20495	chr1:27561006	13.2927	11.5355
FIP1L1	TSS18766	chr4:54243819	19.845	25.8257
FBXO11	TSS12333,TSS	chr2:48034058	16.7405	12.5728
PRMT7	TSS22504,TSS	chr16:68344876	4.4528	8.00778
NDEL1	TSS7564	chr17:8339169	13.4529	12.0507
WBP4	TSS31353	chr13:41635696	8.62178	11.6601
PPP6R1	TSS18573	chr19:55741146	40.9586	107.216
N4BP2L2	TSS10369,TSS	chr13:33006624	18.0524	17.0508
ARPC3	TSS27151	chr12:11087269	60.9204	87.4137
TYW5	TSS919	chr2:20079363	2.93708	3.30109
SMARCD2	TSS23405	chr17:61909440	29.8467	33.8966
TMEM259	TSS15474	chr19:1009649	32.0731	40.9115
MLF2	TSS20802,TSS	chr12:6857157	46.37	108.993
ORAI1	TSS3523	chr12:12206449	12.0189	22.1709
ANKRD10	TSS23815	chr13:11153088	34.9022	29.7364
ILK	TSS25086,TSS	chr11:6624937	20.7049	21.8586
MSL2	TSS15865,TSS	chr3:135867759	21.7258	14.1839
USP4	TSS28699	chr3:49314576	14.0396	14.6892
SLC7A6	TSS9363	chr16:68298418	12.2802	17.0987
ALG11	TSS23894	chr13:52586524	4.47311	3.6098
UQCRBP1	TSS15194	chrX:56763220	3.96672	4.3388
UBE2Q2	TSS30573,TSS	chr15:76135626	9.43567	8.30872
KDM8	TSS23918,TSS	chr16:27214806	2.60535	2.35335
ZNF326	TSS26133	chr1:90460677	9.96484	13.7764
ORC2	TSS27058	chr2:20177489	9.7032	10.8877
PHF2	TSS2360	chr9:96338908	5.41477	5.52268
WDR53	TSS18386	chr3:196281058	4.12615	7.03673
AP1G2	TSS12285,TSS	chr14:2402877	21.6789	17.3793
DCTN1	TSS30803,TSS	chr2:74588280	23.1084	35.3407
NBPF10	TSS24011	chr1:145293370	1.01763	0.595573
HCG18	TSS20132	chr6:30255173	4.70106	5.14744
GS1-124K5.11	TSS16565	chr7:65995291	7.1773	8.59917
IRAK4	TSS21283	chr12:44152746	7.22663	8.11626
LOC652276	TSS8244	chr16:2653384	3.55735	3.44301
CCNDBP1	TSS21859	chr15:43477469	13.0866	12.2721
RPS27A	TSS15052,TSS	chr2:55459038	264.128	298.678
NDUFB1	TSS4650	chr14:92582467	43.2086	77.0117
NPIPA7	TSS2616	chr16:16473107	12.5871	9.32846
TRIM8	TSS885	chr10:10440429	16.128	12.9501
PNKP	TSS18604	chr19:50364459	7.48295	9.72238
SS18L2	TSS3080	chr3:42632297	27.3822	53.9849
DR1	TSS4992	chr1:93811477	20.6357	24.3484
RRAGC	TSS30071	chr1:39303868	18.561	14.8535
CEP350	TSS14163	chr1:179923907	8.14775	5.93612
RSBN1L	TSS8842	chr7:77325742	15.8542	13.9346
MAP1LC3B	TSS2529	chr16:87425806	52.1924	42.5072
PARG	TSS18485	chr10:51026320	3.68554	7.66451
STAG1	TSS15885	chr3:136055998	11.1717	9.57237
TTC1	TSS1143	chr5:159436106	30.4136	61.3245

METTL25	TSS985	chr12:82752275	2.59572	3.80235
DTNBP1	TSS24175	chr6:15523031	13.6711	23.8165
AATF	TSS26314	chr17:35306174	18.3922	52.8312
TMBIM6	TSS13795,TSS	chr12:50135295	204.319	182.09
ANKMY1	TSS15809,TSS	chr2:241418835	1.16048	2.20598
BCL10	TSS25688	chr1:85731459	10.7819	10.2514
ADCK4	TSS30075,TSS	chr19:41197435	4.01973	8.10973
ELAC1	TSS23074	chr18:48494385	2.9659	2.81209
UBL5	TSS11120,TSS	chr19:9938555	88.7435	169.568
MAGT1	TSS32886	chrX:77081861	13.1974	17.2806
UBR2	TSS28639	chr6:42531759	22.3049	12.052
MFNG	TSS11272,TSS	chr22:37865105	29.1273	74.5468
ZNF644	TSS18433,TSS	chr1:91380856	10.7822	9.44321
LRCH3	TSS28372	chr3:197518095	6.41151	6.15943
PKD1P6	TSS15210,TSS	chr16:15198155	12.9075	13.0625
CTR9	TSS4627	chr11:10772535	17.868	21.1448
MED24	TSS13496	chr17:38175345	6.50969	21.4834
TAF4	TSS20243	chr20:60549855	6.59819	6.14857
CNOT4	TSS27842	chr7:135046545	9.41394	6.83716
MSANTD2	TSS2398	chr11:12463635	4.33213	3.78853
PPM1B	TSS24983	chr2:44395941	12.1646	15.6552
NUDT9	TSS12426,TSS	chr4:88343727	4.73684	9.22687
UBTF	TSS13646,TSS	chr17:42282405	33.3766	45.0874
MRPL44	TSS20475	chr2:224822125	16.1867	27.9897
GAK	TSS3816,TSS3	chr4:84306495	18.1934	23.0932
SNF8	TSS8830	chr17:47007455	16.0146	57.0385
ACAD8	TSS10410	chr11:13412345	2.33626	4.90342
ARID4A	TSS11919	chr14:58765225	16.2893	6.43425
NUFIP2	TSS26653	chr17:27582855	20.0919	14.9452
METTL22	TSS744	chr16:87155265	5.7332	5.85662
RAB2B	TSS21997,TSS	chr14:21927175	10.7237	7.39906
R3HCC1L	TSS24831	chr10:99894385	5.89889	7.47804
ZRSR2	TSS20165	chrX:158085735	3.80119	3.25918
WASH1	TSS21466	chr9:14510295	10.905	7.26202
TMED2	TSS30548	chr12:12406905	34.7893	58.3465
BSDC1	TSS18815	chr1:328302335	24.4555	15.8317
FAM149B1	TSS8174	chr10:74927875	2.95954	1.80178
AZI2	TSS13681	chr3:283638435	8.22772	6.97558
FADD	TSS29465	chr11:70049265	9.59201	16.1214
C14orf93	TSS24265,TSS	chr14:23456105	0.513371	3.10165
SMG1P3	TSS21310	chr16:21458005	18.0203	16.2431
PRPF39	TSS10587	chr14:45553305	14.3846	12.6331
TUSC2	TSS18159	chr3:503623395	9.50616	26.8501
MAP1LC3B2	TSS26724	chr12:11699715	33.6565	26.0014
ZNF700	TSS16138	chr19:12035885	6.85826	4.89656
PSMD8	TSS28409	chr19:38865185	52.4907	102.163
NSRP1	TSS33491	chr17:28443825	14.1267	22.9681
C19orf53	TSS6982	chr19:13885255	35.9874	97.0584
TAOK3	TSS12261	chr12:11858765	14.3553	18.5546
RPL29	TSS7990	chr3:520276435	487.616	697.905
SUPV3L1	TSS19901	chr10:70939955	7.32391	25.7854
MAPK9	TSS30976,TSS	chr5:179660595	6.83019	8.98807
MKRN2	TSS10629	chr3:125985125	9.70996	13.6931
EPC2	TSS23828	chr2:149402555	12.9686	9.4743
SKP1P2	TSS33778	chr12:17141685	1.2557	2.34875



STK40	TSS11568	chr1:36805219-	39.3757	36.543
PUS7L	TSS19597,TSS	chr12:44122409-	5.02286	5.35389
FBXO21	TSS19296	chr12:11758158-	7.1375	10.1264
ASH1L	TSS20204	chr1:15530505-	9.64158	6.40889
CHPF2	TSS27776	chr7:150929574-	13.6033	15.9182
SLC25A14	TSS6330	chrX:12947386-	2.82647	3.79358
ERMARD	TSS18514	chr6:17015171-	11.2904	7.75516
KDM5C	TSS23284	chrX:53220502-	12.0525	14.1786
BCL2L13	TSS18568,TSS	chr22:18121349-	8.00537	10.7498
CAPZB	TSS11865,TSS	chr1:19665266-	74.1068	108.9
DNAJC19	TSS18128,TSS	chr3:18070149-	2.75861	9.14124
NPLOC4	TSS10445,TSS	chr17:79523910-	34.4931	34.4007
RPL19	TSS15401	chr17:37356531-	538.217	724.19
MICA	TSS1827,TSS2	chr6:31367560-	4.8521	4.68878
ATXN1L	TSS4393	chr16:71879891-	9.81469	8.01106
NPIP8	TSS10655	chr16:28649681-	3.75081	3.30319
SH3BP5L	TSS8124	chr1:249104650-	11.4212	7.95249
	2-Sep TSS33576,TSS	chr2:24225460-	41.0792	67.4741
ZNF770	TSS26302	chr15:35270541-	14.4793	20.8639
CDC34	TSS24330	chr19:53173211-	9.90787	19.5554
KLF16	TSS17567	chr19:18523971-	6.46388	13.6828
ACADSB	TSS2882	chr10:12476841-	3.81264	4.84456
UBE2G2	TSS8069	chr21:46188494-	12.2404	42.4656
GRIPAP1	TSS18382	chrX:48830130-	11.3669	15.5954
ATAD2B	TSS7147	chr2:23971533-	2.32873	2.62542
NDUFS3	TSS3266	chr11:47600561-	21.4614	56.7044
APBA3	TSS7385	chr19:3750770-	8.62562	8.76239
ACTR2	TSS4234	chr2:65454828-	64.4491	99.4083
RAB28	TSS346	chr4:13369346-	7.91069	7.10224
PTPN1	TSS8665	chr20:49126851-	25.4853	31.6732
GPATCH3	TSS22629	chr1:27216978-	11.345	10.8744
FAM98C	TSS8123	chr19:38893774-	8.3117	5.15891
OSBPL8	TSS8057	chr12:76745571-	21.1898	18.055
CHERP	TSS14715	chr19:16628699-	13.5322	30.7607
GGNBP2	TSS16099	chr17:34900736-	29.875	21.3854
GNL3L	TSS31563	chrX:54556643-	6.03322	19.7469
RNF216	TSS27005	chr7:56596711-	11.541	14.0629
DDX56	TSS9449	chr7:44605015-	15.6168	33.4748
DSCR3	TSS9681	chr21:38595721-	13.5246	10.9554
HNRNPC	TSS26995	chr14:21677291-	43.2742	120.136
PDCD10	TSS32980,TSS	chr3:167401694-	28.8953	42.2639
SLC25A26	TSS10450,TSS	chr3:66119284-	3.26518	9.29239
LARP4B	TSS16163	chr10:85285311-	9.67364	11.9653
PHAX	TSS34205	chr5:125936601-	8.25641	13.6541
ATXN7	TSS20155,TSS	chr3:63850232-	9.4265	5.76695
RPLP1	TSS23456	chr15:69745158-	1600.34	1994.67
C6orf62	TSS15060	chr6:24705089-	75.3962	60.4633
KLHDC3	TSS10480	chr6:42981840-	16.063	27.6892
CDC42	TSS190	chr1:22379119-	57.801	85.5044
ZYG11B	TSS27919	chr1:53192130-	3.15336	2.49189
FBXO38	TSS25720	chr5:147763491-	8.53118	9.63348
TBC1D9B	TSS26434	chr5:179289070-	8.8914	18.2986
NFYA	TSS24536	chr6:41040706-	4.17986	5.96032
PIGQ	TSS21271	chr16:61996711-	3.04036	5.68265
PEX13	TSS28331	chr2:61244811-	4.14233	4.70978

TMEM192	TSS8817	chr4:165997229	4.60237	11.8773
ATRAID	TSS15803,TSS	chr2:27434898-	29.783	30.76
LSM8	TSS10376	chr7:117824085	2.77289	3.39754
NCAPH2	TSS8094	chr22:50946644	15.2645	23.1041
LRPAP1	TSS10012,TSS	chr4:3505323-6	5.13341	6.16283
MAP3K7	TSS17455	chr6:91223291-	8.48358	8.8767
MED23	TSS9770	chr6:131895105	12.4023	8.06681
ALKBH7	TSS10121	chr19:6372443-	19.9771	21.3562
ARF1	TSS21614,TSS	chr1:228270360	92.6927	180.273
CYHR1	TSS1734,TSS3	chr8:145675314	13.6716	14.143
TNKS2	TSS13875	chr10:93558150	16.3398	11.0177
PRKAR1A	TSS20957,TSS	chr17:66409765	45.2183	44.0344
LOC349160	TSS12807	chr7:136583515	0.14063	0.164345
APC	TSS26958,TSS	chr5:112043207	4.74867	5.06354
TRMT13	TSS33532	chr1:100598705	6.35336	7.92602
ZNF511	TSS12087	chr10:13512239	14.5007	21.3012
GABARAPL2	TSS23466	chr16:75600248	39.941	59.6027
CNIH4	TSS7512	chr1:224544512	6.86652	10.6537
PKNOX1	TSS22011	chr21:44394619	2.72592	3.61535
ERP44	TSS33090	chr9:102741462	7.97542	10.9634
MYO18A	TSS23642	chr17:27400527	13.5323	8.98892
RPRD2	TSS7297	chr1:150336586	7.06766	6.01492
GTPBP8	TSS17340	chr3:112709795	7.42513	8.3582
KIAA2026	TSS387	chr9:5919007-6	9.44451	4.55715
SEC23IP	TSS29624	chr10:12165208	6.44916	10.1402
AGPAT1	TSS10172,TSS	chr6:32135982-	7.25985	16.1727
EXT2	TSS19387,TSS	chr11:44117098	4.97122	7.15292
MRFAP1	TSS4621	chr4:6641817-6	37.2016	67.1265
FAM160B2	TSS29902	chr8:21946713-	9.02802	6.48077
ZNF552	TSS4907	chr19:58318449	2.99315	5.55247
THUMPD3-AS	TSS18614	chr3:9430536-9	14.2793	10.0485
FAM199X	TSS29648	chrX:103411155	9.18136	5.94116
DFFB	TSS24914	chr1:3773830-6	1.74002	3.3225
DHX29	TSS31398	chr5:54552072-	3.84385	7.86044
SETDB1	TSS4564	chr1:150898814	10.7605	14.2508
MFAP3	TSS16150	chr5:153418518	5.64125	6.05386
HNRNPUL2	TSS28308	chr11:62480096	27.321	32.2604
RNF167	TSS32940	chr17:4843629-	20.7719	39.861
CNOT6	TSS29801	chr5:179921398	6.29125	9.30505
INTS12	TSS29546	chr4:106603784	5.00832	10.3149
LINC00869	TSS7162	chr1:149576160	1.40653	1.93651
CHURC1	TSS914	chr14:65381078	10.6711	15.5122
JAGN1	TSS798	chr3:9932270-9	8.37668	23.2985
MCTS1	TSS16766,TSS	chrX:11973774:	1.77198	4.49607
ANAPC5	TSS30300,TSS	chr12:12174604	22.1349	53.9296
NRDE2	TSS25571	chr14:90744397	7.69161	6.15453
C2CD5	TSS17000	chr12:22601479	6.24003	7.25705
PDZD8	TSS31417	chr10:11903995	3.06451	3.18186
WBSR22	TSS7702	chr7:73097897-	34.0165	95.9419
SIKE1	TSS3315	chr1:115312104	7.43057	9.26072
BRD1	TSS13650,TSS	chr22:50166925	18.1422	12.6644
MRPL49	TSS20817,TSS	chr11:64889654	17.0482	36.8377
DCTN5	TSS29460	chr16:23652686	5.31515	10.3658
ADRBK1	TSS20372	chr11:67033904	61.7063	75.3683
RAC1	TSS11056	chr7:6414125-6	24.4855	38.3036

EGLN2	TSS20101,TSS	chr19:41305047	36.8291	43.8131
GANC	TSS10407,TSS	chr15:42565857	8.36476	4.76711
HDAC6	TSS21949	chrX:48660486	8.55664	6.78246
LYRM2	TSS15782,TSS	chr6:90341942	3.66488	7.58522
PRPF40A	TSS17499	chr2:153508106	15.2633	25.1726
ZBTB45	TSS8806	chr19:59024896	3.77739	4.75639
GPATCH11	TSS5297	chr2:37311593	4.6299	5.64095
LYPLA2	TSS32505	chr1:24117645	9.79016	30.0858
MAGOH	TSS11347	chr1:53692563	35.3953	107.547
GORAB	TSS33387	chr1:170501262	4.44045	4.13734
RBM17	TSS9637,TSS9	chr10:6130948	17.5687	24.8645
PSMC6	TSS25185	chr14:53173897	17.4484	18.1107
NDUFB10	TSS4895	chr16:2009516	27.3412	84.1576
PNPLA8	TSS12356,TSS	chr7:108110867	16.2218	6.82231
TMEM62	TSS10920	chr15:43425727	7.00715	5.14612
PPIP5K2	TSS12371,TSS	chr5:102455957	8.19039	7.52497
RAD9A	TSS24431,TSS	chr11:67159422	8.83978	8.28795
PPP3CB	TSS29710	chr10:75196187	8.78087	13.938
MVB12A	TSS24570,TSS	chr19:17516494	1.90725	9.42948
COMMD6	TSS16128,TSS	chr13:76099349	22.5167	22.3961
RSRC2	TSS2500	chr12:12298918	43.5575	31.6869
ZNRD1	TSS3966	chr6:30029016	18.6959	64.8656
ZNF598	TSS21952	chr16:2047652	8.51395	21.2863
CC2D1B	TSS7301	chr1:52816264	8.24823	6.86792
MMADHC	TSS23842	chr2:150426146	30.0912	67.807
NDUFA6	TSS17391	chr22:42481529	18.8883	64.0764
OCEL1	TSS10528	chr19:17337012	3.14877	2.77524
USP30	TSS13306,TSS	chr12:10946089	2.42403	2.12281
YTHDC2	TSS26011	chr5:112849396	9.74961	6.92966
USP31	TSS18864	chr16:23072727	1.35806	2.52459
GUSBP2	TSS34197	chr6:26839265	2.19493	1.11653
CAP1	TSS11497	chr1:40506254	54.9518	82.7835
SLC9A6	TSS32089,TSS	chrX:135067587	4.73807	4.6493
CSNK2B	TSS2535	chr6:31633656	40.0913	109.356
SERP1	TSS7372	chr3:150259779	30.6457	46.6496
PSMC5	TSS23022,TSS	chr17:61904769	61.0962	117.952
BRWD3	TSS24999	chrX:79924986	3.16372	2.3949
XPO1	TSS23018	chr2:61705068	51.1162	68.9988
MAT2B	TSS1480,TSS3	chr5:162930069	61.0603	51.2076
COASY	TSS27741	chr17:40714097	8.86047	20.8546
ARHGAP35	TSS17230	chr19:47421932	4.75234	5.50817
ST13P4	TSS6626	chr13:50746157	7.42924	8.40089
KRBOX4	TSS15409	chrX:46306623	1.91823	2.60711
MED26	TSS4244	chr19:16685717	6.4668	11.0598
SNX3	TSS4828	chr6:108532426	67.807	72.2345
TAF2	TSS8406	chr8:120743017	6.92442	8.84355
POLR3GL	TSS22363	chr1:145456237	21.8292	14.5688
RPL35A	TSS30410	chr3:197677057	1470.84	2175.92
TMEM11	TSS24764	chr17:21101262	5.17904	15.3051
COQ7	TSS9211,TSS9	chr16:19078916	4.04406	3.90126
GRB2	TSS16704,TSS	chr17:73314156	56.1759	64.6974
ADPRHL2	TSS28760	chr1:36554452	10.5291	26.5219
VPS8	TSS4382	chr3:184529936	3.25048	3.29666
ZFYVE16	TSS2866	chr5:79703831	7.41236	4.87249
ATP5H	TSS28796	chr17:73034954	35.6018	83.9597

BTRC	TSS11574	chr10:10311378	3.27776	3.65837
ARL17A	TSS15203	chr17:44586046	7.53101	7.89372
ENOX2	TSS25458	chrX:129757350	2.99633	4.35877
ZNF174	TSS22360	chr16:3451189-	2.6627	4.32465
TMEM8A	TSS22924	chr16:420775-4	11.2321	14.8964
MFSD9	TSS27766	chr2:103333665	2.24935	2.66928
NDUFA12	TSS11401	chr12:95365105	51.1318	154.315
NDUFS8	TSS22511	chr11:67798085	23.4737	76.9577
GOLGA3	TSS1287,TSS1	chr12:13334549	11.0624	17.5793
LOC148413	TSS11239	chr1:1334909-	6.73237	15.199
RBMX2	TSS1153	chrX:129535945	9.40246	14.5003
C6orf47	TSS30189	chr6:31626074-	6.87536	7.38341
UQCRB	TSS16625	chr8:97238903-	10.5073	17.9903
WDR7	TSS6317	chr18:54318615	1.33118	3.11862
HUS1	TSS10857	chr7:48002884-	6.68232	7.49591
RPS15A	TSS2412	chr16:18794276	266.425	355.211
RBM42	TSS18037	chr19:36119979	25.7433	57.7552
EFTUD1	TSS17478	chr15:82422560	6.09319	6.67968
RNF168	TSS7187	chr3:196195656	10.0266	12.4894
SURF6	TSS14491	chr9:136197542	9.15174	29.4503
USP7	TSS11950,TSS	chr16:8985950-	30.019	36.6181
STAM	TSS5677	chr10:17686125	4.30912	5.30432
FAM193B	TSS7690	chr5:176946789	9.45332	6.74246
CDC5L	TSS28831	chr6:44355250-	8.52513	9.69692
FAM178A	TSS661	chr10:10267232	6.7096	4.8568
OSBPL2	TSS29913	chr20:60813540	6.93221	6.76141
GAN	TSS28352	chr16:81348570	1.1335	2.36631
PSMA1	TSS16891,TSS	chr11:1452642-	123.714	168.141
TFPT	TSS27978	chr19:54610319	11.5724	15.8024
DHPS	TSS21035,TSS	chr19:12786530	20.9527	42.5116
ZC3H10	TSS23012,TSS	chr12:56512005	3.66124	3.94104
IGBP1	TSS28509	chrX:69353317-	28.2253	24.0043
CYB561D1	TSS2140,TSS7	chr1:11003665-	3.38147	4.09266
LINC00657	TSS26913	chr20:34633539	61.2512	43.996
FBRS	TSS24650	chr16:30670839	17.6137	19.9939
KRI1	TSS33174	chr19:10663760	12.7796	23.1787
LRRC41	TSS25290	chr1:46744071-	14.4956	20.6517
TTC31	TSS3900	chr2:74710199-	5.10681	6.67667
CSNK1A1	TSS1653,TSS2	chr5:148875456	34.4987	41.4024
DENND4B	TSS13235	chr1:153901976	14.6806	12.0938
TBC1D14	TSS22523,TSS	chr4:6911170-	9.70687	19.7235
TMEM57	TSS5626	chr1:25757348-	9.88106	8.18116
ZSCAN21	TSS27079	chr7:99647416-	2.95115	4.80587
NUP50	TSS22528,TSS	chr22:45559725	10.6634	13.5975
C7orf43	TSS18544	chr7:99752042-	7.97976	10.0641
SNRPD2	TSS10167	chr19:4619071-	110.094	321.784
OST4	TSS13775	chr2:27293341-	130.164	299.18
ARID2	TSS22866	chr12:46123619	7.20458	5.34903
RPS4X	TSS7084	chrX:71492452-	384.658	468.174
WASH5P	TSS32778	chr19:60950-70	3.46872	2.36201
CUL5	TSS8741	chr11:10787940	5.92563	8.75044
ERICH1	TSS10961	chr8:564736-68	10.534	13.6184
FAM21EP	TSS16167	chr10:5178094-	2.33885	2.11595
SLC4A1AP	TSS32118	chr2:27886337-	5.86725	9.34716
GOLGA2	TSS31867	chr9:13101810-	9.25302	8.53998

ANKRD13C	TSS30681	chr1:70724684-	4.7682	5.96589
MUM1	TSS17057,TSS	chr19:1354975-	17.3271	13.2677
KXD1	TSS5643	chr19:1866857-	17.9043	41.857
DPP9	TSS33152	chr19:4675243-	14.4838	26.4099
CRIP1	TSS27189	chr2:46844310-	2.99975	3.24504
KIAA0391	TSS24429,TSS	chr14:3559152(-	4.81825	12.9236
KAT6A	TSS22186	chr8:41786996-	16.2889	9.20643
FRYL	TSS31830	chr4:48499379-	8.68324	6.59373
ARGLU1	TSS247	chr13:1071956(-	58.0988	46.2014
PARP16	TSS14753	chr15:6555043(-	4.93116	2.97061
LMTK2	TSS22562	chr7:97736196-	4.00899	2.4918
PPP3CA	TSS32210	chr4:10194458(-	22.0235	21.365
BTN2A1	TSS20192	chr6:26458131-	12.8884	9.66138
DGAT1	TSS25492	chr8:14553824(-	5.51565	5.66247
SRF	TSS25574,TSS	chr6:43139032-	9.32485	26.1514
COPS7B	TSS16211,TSS	chr2:23264638(-	6.55973	14.6792
NDUFB9	TSS1168	chr8:12555134(-	50.168	144.537
VPRBP	TSS11715	chr3:51433297-	6.81671	13.0888
CTCF	TSS27742	chr16:6759630(-	16.1836	22.1016
C9orf78	TSS6024	chr9:13258956(-	23.607	57.9836
ZC3H3	TSS1052	chr8:14451982(-	3.74442	6.5214
MSL1	TSS28584	chr17:3827878(-	14.3343	12.3621
SLC38A10	TSS26429	chr17:7921861(-	10.1099	13.7423
VTI1A	TSS22252	chr10:1142067(-	3.85832	7.32286
ZFAND2B	TSS13254	chr2:22007150(-	11.5722	18.1
ATP13A2	TSS12878	chr1:17312452-	4.51704	7.13023
ETNK1	TSS14004	chr12:2277807(-	14.2794	18.4274
LINC00493	TSS2454	chr20:1854807(-	34.3562	50.3597
ENTPD6	TSS10519	chr20:2517633(-	14.5392	17.5601
C7orf49	TSS24651,TSS	chr7:13477706(-	23.5301	24.7452
ERCC1	TSS15141,TSS	chr19:4591059(-	13.6739	27.9478
ANAPC13	TSS17399,TSS	chr3:13419654(-	16.0102	27.9006
MPHOSPH10	TSS20537	chr2:71357443-	12.7533	28.2212
CFL1	TSS10800	chr11:6562228(-	274.028	697.241
PPARD	TSS32985	chr6:35310334-	7.17804	7.13546
PMS2P3	TSS16622	chr7:75137068-	4.43541	3.52302
MAN1B1	TSS5699	chr9:13998137(-	8.6221	7.66489
MYL6	TSS30683	chr12:5655204(-	382.63	400.779
NSL1	TSS2875	chr1:21289949(-	5.66018	7.36582
NBPF15	TSS1795,TSS2	chr1:14855818(-	9.09135	5.77029
FIZ1	TSS30272	chr19:5610273(-	4.39774	4.1555
NUBP1	TSS31160	chr16:1083764(-	17.8452	30.7656
FAM76B	TSS14182	chr11:9550210(-	10.8267	5.36368
APOPT1	TSS31686	chr14:1040292(-	11.4352	18.5288
ZNF23	TSS33958,TSS	chr16:7148150(-	3.40153	7.2112
TMEM234	TSS10481	chr1:32681797-	4.69022	1.55333
PRSS53	TSS6341	chr16:3109474(-	0.918313	0.763175
NFU1	TSS11323	chr2:69623244-	6.31443	16.191
THAP5	TSS19313,TSS	chr7:10820258(-	12.5509	8.66689
CACUL1	TSS29519	chr10:1204404(-	4.67498	7.99409
CHD4	TSS10830,TSS	chr12:6679247-	38.8912	58.75
CENPC	TSS10229	chr4:68337988-	7.03555	6.16588
TOMM6	TSS33672	chr6:41755180-	38.4865	130.919
POLR3A	TSS5411	chr10:7973490(-	3.99665	5.5301
SLC7A6OS	TSS32314	chr16:6833451(-	10.3483	6.71613

FAM21A	TSS8516	chr10:5182764	32.4277	25.5224
CBFA2T2	TSS19860,TSS	chr20:3207792	7.57871	4.16359
OGFR	TSS7532	chr20:6143617	25.9816	35.8976
KIAA0232	TSS13738	chr4:6784458	7.7842	6.1546
CLASRP	TSS30585	chr19:4554229	25.2161	17.5933
RRP8	TSS27438	chr11:6621143	6.89397	16.7052
P3H1	TSS4882	chr1:43212005	6.91819	5.56112
PQBP1	TSS16363,TSS	chrX:48755194	23.3942	64.9265
OFD1	TSS31472	chrX:13752831	15.3757	11.0981
RAB4B	TSS18747	chr19:4128412	25.4911	22.6636
AP2A1	TSS33991	chr19:5027017	11.0024	19.6359
ASH2L	TSS24508,TSS	chr8:37963010	7.73325	13.8572
C14orf2	TSS26118	chr14:1043786	43.871	148.817
WASH7P	TSS8568	chr1:14361-29	13.2115	11.9864
DDX23	TSS2134	chr12:4922353	21.8665	40.0906
RPL14	TSS15925,TSS	chr3:40498782	273.954	539.777
ZNF281	TSS450	chr1:20037407	9.0224	8.28048
SUV420H1	TSS16073,TSS	chr11:6792232	11.7312	10.2447
TMEM251	TSS16414,TSS	chr14:9365129	4.4636	14.3903
AP4E1	TSS11457	chr15:5120086	2.28962	3.93331
RSRP1	TSS25299	chr1:25568739	43.8747	21.4677
RPAP2	TSS18267	chr1:92764521	3.75126	3.90095
UBA3	TSS24655	chr3:69103880	14.0296	35.6636
COQ10B	TSS19462	chr2:19831823	12.8483	14.3147
GTPBP10	TSS6588	chr7:89975978	2.28994	4.09845
GALT	TSS24050	chr9:34646585	4.418	4.27773
MGC27345	TSS22612	chr7:12793773	1.4008	1.9756
CRLF3	TSS13042	chr17:2910970	21.7757	21.6558
OS9	TSS16408	chr12:5808773	36.705	33.5763
SELO	TSS5104	chr22:5063940	12.9634	15.9175
SHPK	TSS4314	chr17:3511555	2.60069	3.46235
RPL32	TSS14768,TSS	chr3:12876443	165.549	197.825
LMF2	TSS13605	chr22:5094137	17.785	12.222
CDC37L1	TSS1726	chr9:4679552	3.77299	4.95405
RNASEH1	TSS22329	chr2:3592481	8.93512	15.282
PYGO2	TSS19732	chr1:15492950	10.5294	15.5032
EFR3A	TSS24253	chr8:13291635	18.0217	15.5398
GFOD2	TSS29180	chr16:6770843	6.65973	7.87856
ANKHD1	TSS3453	chr5:13978139	16.5011	20.1219
PPP1R9B	TSS27950	chr17:4821109	41.521	30.6831
OGT	TSS2888	chrX:70752911	35.8087	34.661
RBM12B	TSS19084	chr8:94743730	11.7794	6.1927
VPS72	TSS2205	chr1:15114877	15.919	29.2809
TGOLN2	TSS7998	chr2:85545140	27.9331	21.2628
RFWD2	TSS739	chr1:17591396	9.07961	13.9291
KLHL20	TSS5477	chr1:17368407	3.00944	4.79582
GNE	TSS31871,TSS	chr9:36214438	7.38093	8.4053
HNRNP2	TSS24114	chrX:10066312	42.8553	53.9471
EAPP	TSS19562	chr14:3498513	25.5472	25.6384
NUP54	TSS29618	chr4:77035811	12.0141	18.7337
ZNF250	TSS14039	chr8:14610233	1.30167	1.12455
DDX19B	TSS23481,TSS	chr16:7032366	7.69498	17.0677
ING4	TSS22658	chr12:6759703	15.3365	7.88489
DNAJC27	TSS14647	chr2:25166504	1.4328	0.953767
TMEM223	TSS18743	chr11:6255778	8.38596	16.7149

TTBK2	TSS24700	chr15:4303654-	3.57502	1.5133
VPS51	TSS9965	chr11:64863586	39.2415	47.7766
DCAF8	TSS16931,TSS	chr1:160185504	22.2391	25.0932
CCDC71	TSS1167	chr3:49199967-	6.10636	12.0689
UROD	TSS33694	chr1:45477804-	12.4954	34.6431
KLHL26	TSS30446	chr19:18747837	2.68048	3.7021
PAN3	TSS7455	chr13:28712642	16.188	11.7669
EDC3	TSS4962	chr15:74922898	8.15316	11.9104
SRSF9	TSS11586	chr12:12089947	44.9195	134.855
ZNF324B	TSS14151	chr19:58962970	1.68049	2.40208
ALG12	TSS16469	chr22:50296850	4.34613	5.96932
VTI1B	TSS12647	chr14:68117860	11.6703	25.4488
RPS5	TSS1430	chr19:58898630	783.105	1149.32
PTTG1IP	TSS29864	chr21:46269490	10.6139	18.5938
TMOD3	TSS26101	chr15:52121824	13.1683	11.1688
SECISBP2	TSS31170,TSS	chr9:91933387-	12.6523	12.5835
YLPM1	TSS11589	chr14:75230068	9.88229	10.7431
NFYB	TSS4607	chr12:10451080	3.40811	4.74057
HNRNPU-AS1	TSS18064	chr1:245003930	15.1037	10.462
OXLD1	TSS26143,TSS	chr17:79632060	10.7617	19.7613
UGGT1	TSS10685,TSS	chr2:128848750	6.00858	9.15154
MRPS14	TSS28470	chr1:174982090	8.78766	16.101
PDE1B	TSS23806,TSS	chr12:54943170	1.50518	1.60567
SPTAN1	TSS2653	chr9:131314830	27.5663	25.8859
KLHL7	TSS17378,TSS	chr7:23145352-	6.78771	7.13403
VCPIP1	TSS23544	chr8:67542487-	13.4117	6.75762
SPTLC1	TSS28255	chr9:94793415-	11.6801	15.2239
ARFGAP1	TSS10611,TSS	chr20:61904130	14.7979	20.1192
GTF2F1	TSS10497	chr19:6379579-	23.0287	38.8464
GGCX	TSS32224	chr2:85771977-	1.84712	2.13549
SUMO3	TSS9297	chr21:46225537	19.3068	38.0837
SDAD1	TSS12598	chr4:76871058-	6.79039	21.1706
PARP4	TSS20519	chr13:24995068	22.1215	15.9641
VAC14	TSS1021	chr16:70721347	5.89246	17.2977
EMC6	TSS2403	chr17:3572016-	16.607	38.2322
FUNDC2	TSS8954	chrX:154255060	6.57289	9.3964
ADCK3	TSS29575	chr1:227127937	14.6671	22.0469
IRF2BP1	TSS14696	chr19:46386864	7.46072	9.30379
EEFSEC	TSS11853	chr3:127872290	4.93255	18.3141
FAM13B	TSS22754	chr5:137273647	15.9429	14.5779
WBP11	TSS32472	chr12:14939417	20.2495	36.4357
CHMP6	TSS15934	chr17:78965640	3.78642	13.5003
PSMB1	TSS31032	chr6:170844200	121.642	254.269
RNF44	TSS13464	chr5:175953690	20.1657	20.3253
RBM4	TSS15728	chr11:66406087	47.0774	57.781
PDS5B	TSS7783	chr13:33160560	8.47524	7.19427
RPS16	TSS27361	chr19:39923840	1301.89	2088.18
RAD23B	TSS10325,TSS	chr9:110045510	23.1771	46.5968
SRSF4	TSS3284	chr1:29474249-	28.8961	44.3159
CAPN1	TSS28932,TSS	chr11:64948680	28.1245	35.8231
PSMB7	TSS26975	chr9:127115740	73.9213	183.918
SIK3	TSS10817	chr11:11671417	12.4827	8.68998
SDCBP2-AS1	TSS882	chr20:1305986-	1.25518	1.44265
PKN2	TSS5875	chr1:89149921-	10.8149	5.90118
POMZP3	TSS30013	chr7:76239302-	5.7471	7.06846

RABL2B	TSS4633	chr22:51205910	1.94232	6.00375
CSTB	TSS28163	chr21:45193540	38.7672	40.9212
OSGEPL1	TSS13647	chr2:190611380	1.416	2.71844
TMEM161B	TSS30750	chr5:87485449-	5.54535	7.77969
ZBTB24	TSS23196	chr6:109783710	8.84881	10.0716
MIER3	TSS26634	chr5:56215428-	8.58671	5.87678
MOGS	TSS3942	chr2:74688183-	13.7202	26.0461
PILRB	TSS20902	chr7:99955625-	10.5973	7.5929
ATP5O	TSS9341	chr21:35275750	77.8923	184.12
RPL13	TSS11384,TSS	chr16:89627060	137.949	137.208
PKD1P1	TSS21577	chr16:16411460	17.3384	19.6186
FAM3A	TSS33607	chrX:153734480	5.31139	11.2354
GOPC	TSS8835	chr6:117881430	5.7613	8.56104
ATP6V1H	TSS20758,TSS	chr8:54628102-	8.42351	14.9156
UBE2R2	TSS11765	chr9:33817181-	13.7118	11.9505
KDM5A	TSS10473	chr12:38922200	15.2926	9.08876
KLC4	TSS19165,TSS	chr6:43027331-	7.96428	3.14447
IMMP1L	TSS28324	chr11:31453940	0.630371	5.04829
LOC407835	TSS33548	chr7:128766320	8.51498	8.38797
SFT2D2	TSS23643	chr1:168195250	12.3332	11.1659
RPL36	TSS13471,TSS	chr19:56902710	879.902	1219.92
RPA2	TSS12783	chr1:28218035-	28.8582	50.9122
PREB	TSS5588	chr2:27353624-	10.6035	22.9028
ZNF786	TSS18869	chr7:148766730	3.52226	3.64219
NUP153	TSS23139	chr6:17615265-	29.2866	28.7996
MDM1	TSS28329	chr12:68688340	3.60462	5.51973
RPS3A	TSS29197	chr4:152020720	310.387	374.036
RAB5C	TSS6289	chr17:40276990	47.8898	70.2078
SS18	TSS23526,TSS	chr18:23596210	28.7987	20.6203
STX12	TSS8426	chr1:28099693-	8.86164	8.16451
SCYL2	TSS25409	chr12:10066150	9.34224	10.3301
FIG4	TSS11666	chr6:110012420	8.55621	5.51206
RNF146	TSS13750,TSS	chr6:127587820	16.1954	11.3405
TBCC	TSS22519	chr6:42712233-	19.126	14.7717
POP4	TSS17655	chr19:30097160	9.13766	20.1923
CFAP20	TSS25214	chr16:58147490	10.3809	20.7725
ZNF624	TSS9018	chr17:16524040	1.03282	0.862658
MRPL57	TSS21241	chr13:21750370	4.84221	13.6236
USP16	TSS6655	chr21:30396930	15.8076	28.3043
PAPD4	TSS25200	chr5:78908242-	16.1126	15.8075
TBCCD1	TSS1835,TSS8	chr3:186263850	1.60258	3.06937
NACA	TSS11495,TSS	chr12:57106210	278.051	422.812
PRNCR1	TSS32046	chr8:128092110	0.796455	0.855987
NEK4	TSS7467	chr3:52744795-	5.95076	6.58236
TOE1	TSS9332	chr1:45805341-	4.81487	11.3434
IFRD1	TSS10899,TSS	chr7:112063190	10.2998	9.90113
RFX1	TSS26852	chr19:14072340	3.02041	2.60583
ZCCHC4	TSS13120	chr4:25314395-	4.01022	4.84697
MGC72080	TSS31499	chr7:97595907-	5.29737	13.5118
DDTL	TSS11	chr22:24309020	5.32755	8.17876
PIP4K2C	TSS33005	chr12:57984940	5.85408	6.77575
CDK13	TSS25785	chr7:39989958-	12.455	8.15045
GTF2E1	TSS3291	chr3:120461550	6.21105	7.25139
AKAP9	TSS31348	chr7:91570188-	11.6279	8.24035
NAA38	TSS24381	chr17:77600020	10.6159	30.1527



NF2	TSS4063	chr22:2999954	3.00937	9.5358
WIPF1	TSS20357,TSS	chr2:17542430	45.8695	47.8392
RPL19P12	TSS4350	chr7:10278171	10.098	15.508
TMED10P1	TSS16755	chr8:14622025	0.77005	1.10876
POP5	TSS25361,TSS	chr12:1210168	12.143	38.9644
MEA1	TSS19086	chr6:42979966	32.1205	52.6248
PICK1	TSS29018	chr22:3845326	3.72915	6.14849
SEC13	TSS24477,TSS	chr3:10342612	17.9005	58.9696
IDH3G	TSS23914	chrX:15305122	7.19345	30.6954
FTX	TSS27482	chrX:73247970	8.0945	13.1102
ST13	TSS30084	chr22:4122053	25.7861	27.5986
ZC3H7B	TSS32602	chr22:4169750	9.62548	16.4137
LEMD3	TSS24305	chr12:6556335	16.2589	9.48708
CASC4	TSS3679	chr15:4458090	12.389	15.5791
PITPNA	TSS7217	chr17:1421282	27.7705	34.4488
ETAA1	TSS32465	chr2:67624441	3.5945	3.77482
RPUSD2	TSS33102	chr15:4086149	3.05836	10.6323
MFN2	TSS20076	chr1:12040237	14.1756	27.2656
RPL6	TSS5004	chr12:1128429	260.198	443.369
EMD	TSS32564	chrX:15360759	27.936	50.8812
UBE2V1	TSS26221,TSS	chr20:4869766	23.7315	46.6399
RANBP10	TSS11958	chr16:6775700	5.95883	7.23093
PWP1	TSS13039	chr12:1080795	20.7168	47.0426
METTL18	TSS22749	chr1:16976166	9.36744	7.10937
PIN4P1	TSS24371	chr15:4416802	0.219998	1.36271
TFE3	TSS29020	chrX:48886237	18.5123	17.4467
TMEM205	TSS5362	chr19:1145345	13.0927	40.7258
SLC18A2	TSS30836	chr10:1190005	0.517616	1.06252
LOC103344931	TSS17697	chr10:1145832	2.19212	1.92648
IP6K1	TSS14979,TSS	chr3:49761727	14.6949	15.7333
USP24	TSS3071	chr1:55532031	17.8026	12.5649
HACD2	TSS20695	chr3:12321336	9.64106	9.94254
CCM2	TSS10396,TSS	chr7:45039344	37.9004	20.497
GPANK1	TSS21491,TSS	chr6:31629005	5.95287	8.45635
BOD1	TSS7400	chr5:17303414	10.7586	9.63651
RPS14	TSS20156	chr5:14982379	1000.72	1172.86
PLEKHJ1	TSS2156,TSS3	chr19:2229950	16.5009	43.204
RPL15	TSS19489,TSS	chr3:23958294	267.074	421.502
ANKRD39	TSS27966	chr2:97513723	6.3825	17.903
DUS1L	TSS23293	chr17:8001574	10.2443	66.2347
CHP1	TSS26165	chr15:4152343	9.15221	19.0253
ZDHHC17	TSS26448	chr12:7715785	12.4968	7.81686
IFT20	TSS25840	chr17:2665535	6.5937	15.4845
SPTY2D1	TSS1283	chr11:1862794	6.64682	7.77763
DHX30	TSS30378	chr3:47844398	15.2832	33.8918
DGCR6L	TSS9679	chr22:2030176	7.61361	9.86237
DVL2	TSS2220	chr17:7128660	9.46726	13.9286
E2F4	TSS29851	chr16:6722606	16.022	58.8201
NUTM2B-AS1	TSS17101	chr10:8145125	5.46027	11.9384
NSUN5P2	TSS1568	chr7:72418831	9.24039	11.4666
ZNF764	TSS2242	chr16:3056508	3.30196	4.42422
ZCCHC11	TSS4027	chr1:52888947	12.7823	13.6263
TANGO2	TSS11328,TSS	chr22:2000452	8.47754	7.77147
KLHL11	TSS7542	chr17:4000477	4.99161	3.92077
FBXW4	TSS19012	chr10:1033704	10.6435	10.7008

PTBP1	TSS29369	chr19:797391-8	63.7047	152.709
C11orf73	TSS21962,TSS	chr11:8601325-	10.7866	16.7393
RPTOR	TSS32762	chr17:7851862-	2.4372	8.78479
ZNF512	TSS7574	chr2:27805835-	9.59507	7.64398
ZNF398	TSS16147,TSS	chr7:14882350-	3.55054	4.58922
GANAB	TSS27836	chr11:6239229-	34.5624	52.1732
SAP30L	TSS16846	chr5:15382551-	4.67141	2.86241
MIER2	TSS1504	chr19:305574-8	4.9157	3.7931
PPIL4	TSS12755	chr6:14982563-	9.09917	8.31848
MRPL38	TSS29938	chr17:7389472-	16.961	41.871
HECTD3	TSS14440	chr1:45468219-	8.66083	9.71502
ZCCHC17	TSS19954	chr1:31769828-	16.4629	15.3285
ZNF436	TSS29387,TSS	chr1:23685940-	2.87685	1.95161
EIF4H	TSS6860	chr7:73588705-	78.7312	165.518
SAMD4B	TSS32238	chr19:3983309-	9.11264	8.37353
ATP5G2	TSS1380,TSS2	chr12:5405894-	69.0043	162.429
RNF38	TSS19079,TSS	chr9:36336398-	18.2856	9.08981
SDHAF1	TSS26347	chr19:3648608-	4.88423	20.7067
C11orf31	TSS28454	chr11:5750872-	36.2733	52.2861
REXO4	TSS16024,TSS	chr9:13627118-	6.81274	24.3581
TAF5L	TSS8466	chr1:22972886-	7.05915	9.76389
TRAPPC1	TSS10688,TSS	chr17:7833662-	39.6768	87.9854
NKIRAS2	TSS10276,TSS	chr17:4016959-	5.16602	12.0724
PHF23	TSS25437,TSS	chr17:7138346-	19.5886	29.695
SEC62	TSS1587	chr3:16968457-	40.1804	38.824
MLLT10	TSS29951,TSS	chr10:2182310-	3.95568	8.39748
CD46	TSS8212	chr1:20792538-	22.393	21.8905
GGA1	TSS12893,TSS	chr22:3800448-	13.9975	20.6127
LSM14A	TSS26234	chr19:3466335-	30.0669	37.0216
PURA	TSS24079	chr5:13949370-	10.905	7.76143
C1orf123	TSS29445	chr1:53679771-	12.5876	20.3647
VPS16	TSS30871	chr20:2821342-	9.95108	14.3035
BUD31	TSS4711	chr7:99006600-	36.3261	61.4067
ATG4D	TSS9412	chr19:1065456-	8.0347	8.2473
INPPL1	TSS1610	chr11:7193588-	13.7415	11.3818
PTGES3	TSS1433,TSS2	chr12:5705712-	102.6	141.524
MED27	TSS6152	chr9:13473549-	4.89608	9.28624
PCSK7	TSS17154	chr11:1170757-	13.5033	18.7111
ZNF609	TSS23373	chr15:6479161-	3.78464	3.89033
SETD3	TSS29410	chr14:9986408-	9.8801	16.4961
RBM41	TSS3883	chrX:10630511-	4.29556	4.44475
TIMM17B	TSS1851	chrX:48750729-	15.3015	45.0449
MTPAP	TSS6707	chr10:3059872-	2.94368	7.52609
ZNF548	TSS25636	chr19:5790121-	5.57232	3.04034
EMC8	TSS5003	chr16:8581223-	5.24505	19.5127
EIF2B5	TSS16814	chr3:18385280-	12.288	34.2214
UBE2K	TSS1656	chr4:39699663-	12.1118	21.0403
UTP14C	TSS23357	chr13:5259882-	6.57316	6.10414
DCP1A	TSS5007	chr3:53317444-	11.6832	14.234
SEC11A	TSS8222	chr15:8521276-	25.9792	32.4121
WDR61	TSS14483	chr15:7857557-	9.37719	29.9569
DCTN3	TSS16173	chr9:34613541-	16.5412	31.2867
UBE2Q1	TSS29444	chr1:15452105-	13.8599	21.0637
ESYT1	TSS17472	chr12:5652198-	24.9228	27.6362
MED18	TSS17924	chr1:28655512-	14.0089	14.4363

TARBP2	TSS24331,TSS	chr12:53894704	3.81792	13.2848
DIP2B	TSS34234	chr12:50898767	11.136	10.461
SOCS5	TSS15533,TSS	chr2:46926098-	6.90778	5.35376
TMEM167A	TSS4783	chr5:82348664-	11.7907	14.4649
TMEM109	TSS11861	chr11:60681370	13.7199	43.8716
ZNF830	TSS10397	chr17:33288548	27.8042	16.8139
ANKRD36BP1	TSS25496	chr1:168214818	10.1787	5.4857
EMC1	TSS3052	chr1:19542157-	5.32939	10.4773
PSMB3	TSS25422	chr17:36908965	101.544	236.186
KLHL18	TSS1551	chr3:47324329-	4.00552	11.5573
BDP1	TSS14229	chr5:70751441-	9.69929	8.65365
MEF2BNB	TSS7538	chr19:19287712	7.44828	9.58376
LOC100132352	TSS32809	chr9:69065565-	13.0721	6.56921
LMBRD1	TSS15721	chr6:70385640-	30.8108	18.036
EIF3J-AS1	TSS17550,TSS	chr15:44826702	5.9155	3.10595
USP36	TSS32175	chr17:76792964	5.24966	15.5514
FAM104A	TSS12262,TSS	chr17:71203497	9.84554	14.1536
ZNF557	TSS13045	chr19:7069470-	3.51446	3.15692
DDX51	TSS19490	chr12:13262110	3.04215	8.6585
ZNF623	TSS19654,TSS	chr8:144718182	2.94767	4.06868
LMAN2	TSS28327	chr5:176758562	27.762	63.0507
C4orf29	TSS23599	chr4:128886460	3.34295	3.07752
NSA2	TSS20745	chr5:74062815-	27.6823	53.7239
ATG7	TSS20064	chr3:11314009-	2.63237	4.60741
GOLGA4	TSS9246	chr3:37284681-	10.5007	11.1511
RPL7A	TSS13965	chr9:136215068	224.014	327.965
KIAA1328	TSS30294	chr18:34409079	0.386946	0.503749
WASH2P	TSS28641	chr2:114341229	10.5802	7.89472
TRIM66	TSS23787	chr11:8633583-	2.03128	1.39327
TEFM	TSS25264	chr17:29226000	5.12021	9.39557
BTBD9	TSS13050,TSS	chr6:38136226-	1.61387	1.90968
PEX6	TSS48	chr6:42931610-	4.38048	5.02778
CDS2	TSS1293	chr20:5107406-	9.76811	6.08268
PANK2	TSS13980,TSS	chr20:3869485-	18.5118	13.1278
MMGT1	TSS34166	chrX:135044230	5.12593	9.24899
UBE2MP1	TSS1080	chr16:34403807	7.21451	23.8656
FAM35A	TSS24013	chr10:88854952	5.38979	13.8378
CHMP2A	TSS13139,TSS	chr19:59062932	24.9055	63.965
YAE1D1	TSS23088	chr7:39605974-	4.25935	5.3192
JMJD6	TSS22088	chr17:74708910	16.8845	18.3124
SLC35B1	TSS19647	chr17:47778295	10.691	23.2411
SRRM1	TSS2544,TSS3	chr1:24969593-	23.5541	31.7082
CLCN3	TSS18206,TSS	chr4:170541677	5.84777	7.7359
ADSS	TSS19811	chr1:244571790	11.3823	20.8402
SDHC	TSS22247	chr1:161284165	10.6251	22.8898
STK4	TSS29690	chr20:43595119	39.5872	37.1722
NSFL1C	TSS2030	chr20:1422806-	19.7084	25.1273
NELFE	TSS8826	chr6:31919863-	26.4293	40.8289
PIK3R4	TSS12869	chr3:130397777	3.59419	6.63576
ZNF8	TSS21919	chr19:58790317	1.32621	3.2735
C12orf10	TSS14734	chr12:53693469	6.95822	31.4283
CNOT1	TSS18125	chr16:58553849	29.0886	32.543
KAT5	TSS31807	chr11:65479472	15.6572	22.9472
WDR26	TSS18559	chr1:224572844	22.5681	14.0611
RPAP1	TSS10006	chr15:41809374	4.74634	10.7623

HEXA	TSS28121	chr15:7263577-	12.4444	16.2511
RNH1	TSS28183,TSS	chr11:494511-	35.9291	90.9167
NOP10	TSS6674	chr15:3463391-	42.7148	200.433
AP3M1	TSS23224	chr10:7588001-	10.8598	14.4591
LSG1	TSS17266	chr3:19436151-	11.1051	20.5884
SPDYE1	TSS22078	chr7:44040488-	0.897543	1.12084
FOXJ2	TSS32920	chr12:8185358-	4.4321	3.4925
RPL3	TSS28164	chr22:3970888-	523.986	701.466
NOSIP	TSS22948	chr19:5005872-	38.0555	48.563
ATG3	TSS28406	chr3:11225135-	16.7959	52.7812
POGZ	TSS10922,TSS	chr1:15137519-	14.2701	10.6042
ATF7IP	TSS2093,TSS9	chr12:1451856-	18.2507	12.4049
RBM48	TSS24266	chr7:92158086-	12.8264	10.1502
MRPS36	TSS9495	chr5:68513572-	4.44699	8.71691
CPSF6	TSS22085	chr12:6963331-	14.6522	20.1777
DDT	TSS19898,TSS	chr22:2431355-	10.8891	20.1218
HEATR5B	TSS21597	chr2:37208143-	8.38031	7.0898
RAD52	TSS16989,TSS	chr12:1020901-	2.36555	3.1634
TMEM50B	TSS15823	chr21:3480479-	10.472	6.88766
GLT8D1	TSS16378,TSS	chr3:52728499-	5.1475	9.85229
KEAP1	TSS14751,TSS	chr19:1059679-	34.8708	49.3303
ARPC2	TSS13431,TSS	chr2:21908181-	133.181	262.631
HDAC3	TSS4589	chr5:14100044-	21.0518	38.3377
PSENN	TSS32500	chr19:3623647-	21.857	27.4837
WDR83OS	TSS13925	chr19:1277888-	42.9955	70.2665
PAPOLG	TSS13845	chr2:60983364-	4.36641	3.30785
CAB39	TSS19615,TSS	chr2:23157755-	20.5401	20.0339
DDX20	TSS20103	chr1:11229818-	6.94621	12.2589
MOSPD3	TSS16661,TSS	chr7:10020972-	3.86126	8.48242
SPDYE5	TSS28743	chr7:75122946-	0.942483	0.987863
ALKBH6	TSS33949,TSS	chr19:3650001-	5.50339	7.56266
VPS54	TSS2489	chr2:64119666-	4.97078	4.64857
ZKSCAN8	TSS18308,TSS	chr6:28109687-	7.55884	7.43528
TMEM41A	TSS5035	chr3:18520738-	7.93	7.50993
ISCA2	TSS14433	chr14:7496042-	8.55031	16.3029
ZNF195	TSS12568	chr11:3379156-	7.03665	9.92746
DDX55	TSS19413	chr12:1240866-	6.97887	19.6776
SLC41A3	TSS14397,TSS	chr3:12572519-	9.97287	9.69075
TROVE2	TSS25972,TSS	chr1:19302855-	12.7401	9.57463
TXNL4A	TSS22564,TSS	chr18:7773286-	27.8311	61.4539
GGPS1	TSS29682,TSS	chr1:23549175-	7.05051	8.08041
ACOT8	TSS22940	chr20:4447035-	6.65108	11.3404
ZNF414	TSS1717	chr19:8575461-	1.69913	3.60255
PNKD	TSS18476,TSS	chr2:21913511-	19.8045	20.646
AGAP11	TSS32797	chr10:8873049-	1.79909	1.07554
ZNF653	TSS16791	chr19:1159424-	2.11135	4.37516
EXOSC10	TSS16241	chr1:11126669-	17.236	30.0317
RALBP1	TSS16017	chr18:9475529-	19.0584	16.2141
ATG2B	TSS19	chr14:9674759-	2.86822	4.16974
NXT2	TSS2591,TSS3	chrX:10877900-	7.21291	6.26072
TXNDC9	TSS2741	chr2:99935486-	9.54003	16.9371
PNRC2	TSS24592	chr1:24286300-	75.0315	71.3647
TSEN34	TSS14622,TSS	chr19:5469411-	7.50476	7.58752
PIGS	TSS8274	chr17:2688040-	6.50116	14.9453
PTAR1	TSS19539	chr9:72324437-	7.568	6.50172

C18orf21	TSS4283	chr18:33552581	14.2771	12.8206
IKBKB	TSS8724	chr8:42128819-	10.6988	9.06921
MYH9	TSS8120	chr22:36677321	118.035	121.102
ZBED4	TSS5348	chr22:50247496	5.03881	8.28771
ZNF121	TSS66	chr19:9676403-	10.2039	13.1367
COX6C	TSS22174	chr8:100890221	58.9998	158.938
RBM34	TSS12918	chr1:235294491	20.5918	33.2906
CPT1B	TSS1264,TSS1	chr22:51007289	12.2754	4.88627
RBM19	TSS26818	chr12:11425454	5.98567	18.3319
RPAIN	TSS27568	chr17:5322960-	12.7019	27.9186
GPR108	TSS25203	chr19:6729924-	17.0094	15.2937
VAMP4	TSS4499	chr1:171669291	5.24491	3.67351
DDX5	TSS6538	chr17:62494371	157.823	180.795
ANKHD1-EIF4E	TSS3453	chr5:139781391	10.8952	7.67322
USP32	TSS2972	chr17:58254690	3.7849	5.50085
RBM12	TSS3908	chr20:34236846	15.647	22.4218
RPL13P5	TSS9084	chr12:6993144-	2.37644	2.62692
SAYSD1	TSS13990	chr6:39071838-	5.16333	3.93988
ANKRD23	TSS30496	chr2:97503650-	2.39933	0.748375
EXTL3	TSS13573	chr8:28558989-	2.10849	5.26854
TMEM14B	TSS26784	chr6:10747991-	21.3637	42.6869
TM9SF1	TSS27532	chr14:24658341	5.87602	11.3087
TMED7	TSS2503	chr5:114948904	11.4358	12.623
FBXL3	TSS19923	chr13:77579381	26.2564	20.35
ZKSCAN3	TSS26430	chr6:28317690-	1.0885	1.07858
WIPI2	TSS16491,TSS	chr7:52298341	17.9367	18.0215
CEP63	TSS11575,TSS	chr3:134204574	7.90822	8.36638
DUSP28	TSS1785	chr2:241499470	2.28202	1.9772
DTX2P1-UPK3	TSS9908	chr7:76610138-	4.29141	3.50499
NSUN5P1	TSS2612	chr7:75039604-	12.0343	15.3173
MPND	TSS4281	chr19:4343523-	5.08746	7.32543
PHKA2	TSS12526	chrX:18910415-	5.50867	5.01412
PRIMPOL	TSS29870	chr4:185570760	1.94469	1.36645
SF3A3	TSS26990	chr1:38422651-	23.3454	46.1116
FAM21C	TSS10447	chr10:46222641	28.6589	23.0237
ZSCAN22	TSS6022	chr19:58838384	1.71388	2.11452
UBQLN2	TSS4576	chrX:56590025-	12.4773	18.1678
CCNL2	TSS14048	chr1:13210901-	33.1161	28.9314
NRBP1	TSS19925	chr2:27651472-	25.5293	32.8885
ENTPD7	TSS23309	chr10:10141926	0.358769	1.26939
KANSL3	TSS10275,TSS	chr2:97258891-	10.8471	8.25807
EDEM2	TSS6798	chr20:33703159	7.7333	9.59227
HP1BP3	TSS27065	chr1:21069170-	39.6354	30.047
MRPS24	TSS20595	chr7:43906156-	35.9727	124.267
DCTN2	TSS5308	chr12:57923831	25.2969	35.6892
GABPB1	TSS31341	chr15:50569381	8.07967	12.2807
UQCRCF1	TSS2163	chr19:29698160	23.5158	61.3096
PARP11	TSS15290	chr12:3918026-	3.97779	2.27192
NPIP15	TSS23349	chr16:74411849	3.74915	5.20532
UFM1	TSS9649	chr13:38923901	26.8475	31.4976
EIF5B	TSS32924	chr2:99953833-	31.5704	78.4275
GBF1	TSS26966	chr10:10400521	8.05814	11.1343
HMBOX1	TSS394,TSS52	chr8:28747910-	7.33155	5.93802
CNNM3	TSS9798	chr2:97481990-	6.77756	4.93539
PSMD6	TSS14618,TSS	chr3:63996224-	42.7909	88.3476

AGTPBP1	TSS2299	chr9:88161453-	5.97256	3.82616
JRK	TSS20327	chr8:143738870	4.86135	4.91235
ABI1	TSS7093	chr10:27035524	34.1026	28.1282
CHRA1	TSS107,TSS26	chr8:141521390	9.61519	16.1269
FPGS	TSS22104,TSS	chr9:130565130	11.9969	41.9334
TRIM13	TSS11470	chr13:50571142	6.71395	7.34346
RIOK1	TSS1112,TSS1	chr6:7390061-	6.12441	22.7004
HSPA14	TSS22103	chr10:14880150	7.72212	24.4111
PSMC4	TSS22126	chr19:4047691-	39.4387	70.6006
ZNF846	TSS8213	chr19:9868150-	1.53344	0.574627
LINC00999	TSS27234	chr10:38717070	1.28846	0.771049
OXS1	TSS17873	chr3:38207025-	9.07662	14.791
MED10	TSS17712	chr5:6372038-	35.8083	55.2911
NRAS	TSS18400	chr1:115247084	14.8698	23.5943
RABL6	TSS30106	chr9:139702370	13.904	29.2423
ARPP19	TSS12033,TSS	chr15:5283924-	27.3438	39.8678
PHF3	TSS10895,TSS	chr6:64345706-	15.1921	10.7972
LENG8-AS1	TSS17681	chr19:54955990	2.12594	1.64914
MED15	TSS2113,TSS8	chr22:20861820	16.2496	21.0637
UBE3C	TSS14903	chr7:156931654	7.80803	22.9044
ZNF136	TSS17384	chr19:1227387-	2.63285	4.30808
HEIH	TSS5479	chr5:180256950	17.4612	15.6849
HCFC1	TSS14352	chrX:15321300-	17.9725	30.4964
MTX1	TSS19556	chr1:155178480	6.25484	22.5929
ALG10	TSS4165	chr12:34175210	2.65013	1.84695
CNDP2	TSS23888,TSS	chr18:72163490	17.0983	37.4191
ATXN7L2	TSS12503	chr1:110026560	2.72882	5.39135
TRMT12	TSS15079	chr8:12546304-	2.23452	5.91426
AHCTF1P1	TSS5590	chr2:162355570	2.89384	3.35842
COX6A1	TSS29208	chr12:12087580	30.0485	156.236
FAM120C	TSS10955,TSS	chrX:54094756-	1.09697	2.38841
C21orf2	TSS33441,TSS	chr21:45748820	5.568	9.65507
NBR1	TSS33121,TSS	chr17:4132248-	11.0017	8.67263
ADAR	TSS21232,TSS	chr1:154554530	36.3948	55.9306
GTF2H1	TSS32915	chr11:18343810	7.71136	17.4364
SMIM8	TSS15263	chr6:88032305-	2.16858	3.31503
GNAS	TSS21468,TSS	chr20:57414770	258.234	346.143
VPS13D	TSS27069	chr1:12290095-	5.94092	4.03962
ELMOD2	TSS3173	chr4:14144531-	5.36625	3.36962
UBE2G1	TSS29472	chr17:4172511-	14.803	14.1123
OAZ2	TSS18677	chr15:64979770	18.9891	21.4835
RTFDC1	TSS22748	chr20:55043640	28.0085	53.0547
DDX52	TSS17650	chr17:35969780	3.94758	10.0326
PDPR	TSS20766	chr16:70147520	4.28273	4.07865
HNRNPU	TSS30928	chr1:24501360-	39.6185	98.6145
ZHX1	TSS18162,TSS	chr8:124260680	3.00289	6.25662
TRIM65	TSS31027	chr17:73885040	4.26003	12.8272
RSAD1	TSS25143	chr17:48556160	4.03469	12.78
MBD4	TSS17889	chr3:129149780	29.3309	26.689
COG3	TSS22077	chr13:46039020	5.74217	5.84995
ING3	TSS14741	chr7:120590810	10.9557	10.7674
ERBB2IP	TSS29216	chr5:65222381-	19.4401	14.9574
AVL9	TSS18377	chr7:32535037-	6.08999	7.36138
NDST2	TSS14335	chr10:75561660	8.26413	6.84278
RNF14	TSS24753,TSS	chr5:14134640-	6.91781	8.46494

EIF3J	TSS29863	chr15:44829265	28.3811	59.5529
MRPS21	TSS30784	chr1:15026626	24.7837	62.3238
DPM1	TSS8951	chr20:49551404	24.7145	59.5911
HNRNPCL4	TSS11286	chr1:12907229	2.30385	5.87912
CBFB	TSS15851	chr16:67063049	25.3992	24.5998
TTC13	TSS18561	chr1:231041986	7.07142	4.20943
MTERF4	TSS33722	chr2:242026508	17.3543	16.0152
BBS10	TSS12414	chr12:76738265	3.36839	1.87981
ASNA1	TSS7434	chr19:12848305	24.586	64.6944
TPD52L2	TSS16008	chr20:62496586	20.2411	30.1018
RPL34	TSS13680,TSS	chr4:10954172	133.439	158.517
RPL26	TSS29311	chr17:8280833	454.034	664.042
ZNF510	TSS22210	chr9:99518146	2.60841	1.95387
XPO7	TSS32565	chr8:21777179	7.75073	17.8182
NAA20	TSS20154,TSS	chr20:19997936	20.6926	71.672
ZNF622	TSS15799	chr5:16451627	16.1158	31.9451
MCFD2	TSS12597,TSS	chr2:47129008	10.9945	16.2279
TMEM101	TSS19288,TSS	chr17:42088555	7.22916	13.7169
CRBN	TSS28300	chr3:3191316	12.6916	12.2626
INIP	TSS16361	chr9:115448796	5.7644	7.40316
PLA2G6	TSS22990,TSS	chr22:3850750	5.45793	2.8093
TM2D3	TSS17042	chr15:10217317	16.0215	19.4436
STK16	TSS15230,TSS	chr2:22011019	2.51795	5.26678
KCMF1	TSS8474	chr2:85198230	10.4491	9.74717
RIF1	TSS22239,TSS	chr2:152266396	9.57797	10.96
VAPB	TSS24387	chr20:56964174	4.93085	4.67444
SLC10A3	TSS18367	chrX:15371564	7.67685	11.7296
RPL31	TSS24897	chr2:101618696	834.1	1001.8
SLC30A5	TSS31016	chr5:68389775	7.7704	12.9884
NCLN	TSS10048	chr19:3185874	8.24219	40.9082
NAP1L4	TSS26830	chr11:2965659	31.385	40.29
TSN	TSS31709	chr2:122513126	16.4828	30.2751
HM13	TSS22763	chr20:30102216	17.2319	46.1084
SRSF7	TSS4394	chr2:38970740	45.1296	82.4929
RAVER1	TSS8691	chr19:10426888	17.9419	35.5849
SVBP	TSS11376	chr1:43272722	17.5579	12.883
C17orf80	TSS19121,TSS	chr17:7122837	5.03149	7.39596
NDUFC2	TSS3760	chr11:77779392	13.5641	30.0855
HERC2P9	TSS26787	chr15:28899587	4.66485	3.90959
C12orf76	TSS12162	chr12:11047898	2.29484	2.0855
RNPS1	TSS11917,TSS	chr16:2303116	33.549	67.6845
MGAT2	TSS11898	chr14:50087488	14.6658	19.625
ZNF217	TSS11757	chr20:52183609	14.9373	12.4697
CBL	TSS17402	chr11:11907698	9.99816	7.95131
SFR1	TSS30431,TSS	chr10:1058818	3.16241	4.1989
SART3	TSS19574	chr12:10891599	19.5513	20.0458
ATF2	TSS11351	chr2:17593697	10.8258	11.6634
RSBN1	TSS11335	chr1:11430445	7.95896	5.51377
CCDC28A	TSS10940	chr6:139094656	10.9129	10.0092
OSTM1	TSS25970	chr6:108362616	4.29522	5.78163
ATP13A1	TSS7603	chr19:19756009	20.5013	21.0143
SLC38A1	TSS14790,TSS	chr12:46576839	40.6996	58.794
FAM172A	TSS31712	chr5:92953430	1.76973	3.64683
NUS1	TSS22343	chr6:117996616	6.29876	18.614
STX8	TSS4086	chr17:9153787	9.38439	33.5897

TGS1	TSS2241	chr8:56685790-	8.63371	16.8652
AES	TSS31276,TSS	chr19:3052907-	184.609	137.942
RIT1	TSS1583,TSS2	chr1:155867598-	13.0948	15.0859
HIPK1	TSS20085,TSS	chr1:114471995-	13.7039	10.4173
RBX1	TSS33370	chr22:41347350-	33.7054	60.567
ATP5F1	TSS26540	chr1:111991742-	23.5044	69.3404
DDX49	TSS33842	chr19:19030480-	13.3359	43.7511
TTC3P1	TSS15582	chrX:74960372-	0.8776	1.33263
TMX2	TSS4595	chr11:57479994-	9.7967	31.0411
EIF1B	TSS2442	chr3:40351172-	29.3858	42.2205
GNB1L	TSS1289	chr22:19775930-	4.37724	9.52393
GSKIP	TSS11077,TSS	chr14:96829780-	6.4819	10.9528
TTC3	TSS7457,TSS9	chr21:38445570-	7.65601	6.42913
GHDC	TSS17244	chr17:40341104-	3.42043	7.22251
RAB35	TSS19382	chr12:12053280-	16.1694	21.1698
FAM35DP	TSS25814	chr10:47379710-	1.97117	4.89271
POLR2F	TSS19508	chr22:38349660-	5.41767	28.6427
GOLGA7	TSS31274,TSS	chr8:41348080-	12.8619	18.3506
LRRRC47	TSS5853	chr1:36967830-	10.9215	21.2011
PPP1R35	TSS12867	chr7:10003291-	13.5405	18.2378
CBLL1	TSS20790	chr7:10738414-	11.2283	10.0162
HPS1	TSS16542	chr10:10017590-	17.8118	28.4792
ECH1	TSS5822	chr19:39306060-	27.5652	67.6978
ARL8A	TSS26096	chr1:20210253-	22.5682	17.0135
CHMP4B	TSS1606	chr20:32399100-	44.2503	58.4941
PCNT	TSS32164	chr21:47744030-	3.75917	3.96076
APTX	TSS15231,TSS	chr9:32972603-	6.70939	19.6627
U2SURP	TSS22958	chr3:14272037-	12.8943	21.3718
RPS27	TSS27862	chr1:153963230-	678.738	571.886
MAPK8IP3	TSS5491	chr16:17562200-	16.8183	10.6123
RNF139	TSS9975	chr8:12548700-	13.7859	9.29612
ZC3H8	TSS27289	chr2:112973430-	9.94811	11.3834
RPL10	TSS2356,TSS2	chrX:15362640-	133.495	163.743
LYSMD3	TSS18955	chr5:89811444-	8.61737	8.51402
AGPAT6	TSS14970	chr8:41435706-	8.59601	8.70136
TCEB1	TSS15901,TSS	chr8:74857372-	8.6064	20.6628
KARS	TSS17846	chr16:75661620-	37.3406	123.516
EIF3F	TSS19092	chr11:80088660-	44.175	66.6427
COX5B	TSS20965	chr2:98262520-	73.4689	246.287
DIABLO	TSS18746,TSS	chr12:12269220-	7.19399	21.1979
PIGH	TSS23906	chr14:68056020-	6.03318	10.8692
CHCHD7	TSS9309	chr8:57124314-	23.5032	24.8785
STARD7	TSS3987	chr2:96850602-	48.7024	76.6873
CALML4	TSS5688	chr15:68483040-	4.17347	2.27555
FAM35BP	TSS134	chr10:46897640-	1.78137	3.80477
CPEB3	TSS19139,TSS	chr10:93808390-	1.57601	0.597264
ZNF202	TSS15867,TSS	chr11:12359460-	5.05608	4.82289
ALAD	TSS16421	chr9:11614859-	4.51996	4.20497
SPDYE2	TSS12589	chr7:102191670-	1.57444	1.5431
JADE2	TSS14140,TSS	chr5:133860060-	20.6432	12.5303
TRIM52	TSS4966	chr5:180683380-	7.84104	4.68819
SURF2	TSS7559	chr9:136223420-	10.8128	35.0352
ZNF782	TSS93	chr9:99579272-	1.6695	1.17276
SMG5	TSS22098	chr1:156219014-	15.5823	30.2498
PEX14	TSS511	chr1:10535002-	3.6729	8.84538



MAPK3	TSS30895	chr16:30125425	10.0462	10.4311
SYMPK	TSS19990	chr19:46318695	16.3406	32.4812
BMS1P5	TSS6322	chr10:46737615	1.11896	1.69532
EBAG9	TSS10881,TSS	chr8:110551925	7.17515	9.37086
DCTN4	TSS11696,TSS	chr5:150088305	8.29889	11.0913
COPS7A	TSS31006,TSS	chr12:68331495	8.28999	19.3357
TATDN3	TSS34018	chr1:212965165	6.30982	6.82755
BRD3	TSS22327	chr9:136895445	4.31958	5.0547
SLK	TSS12528	chr10:10572695	6.56296	6.39919
FAM214A	TSS30066,TSS	chr15:52873515	24.5556	7.9366
ACP1	TSS13931	chr2:264868-25	24.4947	60.3021
ZNF410	TSS11870	chr14:74353315	13.6375	18.8892
HARBI1	TSS19485	chr11:46624855	3.19878	1.14376
TMBIM4	TSS157	chr12:66530715	20.0904	22.2156
LOC100287072	TSS904	chr17:20615755	1.47398	3.47872
C8orf59	TSS1203	chr8:86126287-	31.7808	57.9239
ARID1B	TSS19795	chr6:157099065	16.0149	14.7491
DOLPP1	TSS30759	chr9:131843385	2.92665	7.89661
ZDHHC20	TSS32208,TSS	chr13:21946705	14.2383	10.6801
RUSC1	TSS19810,TSS	chr1:155290635	6.93484	8.12815
TXNDC12	TSS4274	chr1:52485803-	10.5523	16.3508
NCOA4	TSS1137,TSS1	chr10:51565105	35.3833	53.3292
PCM1	TSS28083	chr8:17780365-	16.3955	13.7991
KMT2C	TSS19272	chr7:151832005	12.0248	7.33986
MSMP	TSS10483	chr9:35752987-	6.03528	3.25851
VPS13A	TSS11026	chr9:79792360-	4.90104	5.2588
HSD17B1	TSS753	chr17:40703985	1.4339	2.01729
MRPS18C	TSS31759	chr4:84377084-	8.47148	24.8508
DBNL	TSS9911	chr7:44084238-	43.2275	71.5178
OPA3	TSS8633	chr19:46031025	2.4406	6.38178
ZNF146	TSS28124	chr19:36705505	17.6218	30.4301
STYX	TSS21698	chr14:53196885	5.01622	6.54655
LUC7L2	TSS18266,TSS	chr7:139025105	27.8129	33.9527
KAT6B	TSS6687	chr10:76586170	6.26088	4.976
ERCC6L2	TSS33646	chr9:98637899-	2.04936	2.73007
LIN54	TSS23291,TSS	chr4:83845756-	4.75861	3.76648
NT5C	TSS28685	chr17:73126315	15.435	37.7162
ZNF500	TSS10268	chr16:4800814-	4.27785	2.66343
TRMT10B	TSS95	chr9:37753799-	6.49983	4.02545
JMJD8	TSS20360	chr16:731666-55	7.85135	22.7707
IPP	TSS24130	chr1:46159997-	3.92277	0.909752
PPP4R1	TSS16876	chr18:9546788-	8.85013	8.16262
NONO	TSS23453	chrX:70503041-	46.0444	90.8578
MRI1	TSS31449	chr19:13875330	3.62872	7.60572
POLM	TSS380	chr7:44111660-	9.73918	9.22734
TMEM30A	TSS17492	chr6:75962637-	19.8982	30.1256
PKD1	TSS32995	chr16:2138710-	8.12803	8.55423
MRPL33	TSS1488	chr2:27994583-	35.4133	58.2461
C11orf71	TSS32504	chr11:11426210	8.51672	3.57686
COG5	TSS23506	chr7:106842185	6.69852	9.8494
ZNF559	TSS12384,TSS	chr19:9434447-	4.34392	3.3105
NOP9	TSS14102	chr14:24769055	6.08091	16.383
WDFY2	TSS27772	chr13:52158485	4.85358	2.71999
RGPD3	TSS26432	chr2:107021135	4.28742	3.8721
NDUFB8	TSS4707	chr10:10228345	46.927	152.417

MTPN	TSS13238	chr7:13561150-	60.8479	76.6267
NADSYN1	TSS17099	chr11:71164210-	13.0232	20.4236
TMEM60	TSS31419	chr7:77423044-	20.4148	11.9468
ARHGEF2	TSS20146,TSS	chr1:155916620-	25.9389	23.5322
ZNF213	TSS14811,TSS	chr16:3185056-	3.63318	1.8221
NUP98	TSS7530	chr11:3696239-	20.4965	26.1284
STARD7-AS1	TSS20311	chr2:96874153-	3.77315	2.10016
IPPK	TSS13949	chr9:95375465-	1.66215	3.97168
VPS35	TSS29090	chr16:46693580-	25.2835	40.0863
PLAA	TSS16187	chr9:26903367-	9.71982	9.5886
CHD1	TSS17299	chr5:98190907-	16.598	15.2262
MAP1S	TSS17480,TSS	chr19:17830260-	11.8552	10.9272
STAG3L4	TSS21811	chr7:66767624-	4.28027	2.9078
VPS53	TSS1707	chr17:411907-(-	2.87226	5.14856
BTF3	TSS4096	chr5:72794249-	176.486	343.99
PHF21A	TSS25799	chr11:45950860-	5.6632	4.25494
PPP2R5D	TSS27712	chr6:42952236-	7.41123	12.4986
TOR1B	TSS13241	chr9:13256543-	6.03999	6.30069
ZBTB2	TSS16160	chr6:151685240-	12.2479	13.3558
SUSD6	TSS1074	chr14:70078300-	22.7453	18.7036
RNF145	TSS16382,TSS	chr5:158584410-	12.3777	11.1318
RNF5P1	TSS29043	chr6:32146231-	10.1955	21.3837
SGSM2	TSS9519,TSS9	chr17:2240805-	7.60974	6.90633
CCDC82	TSS23976	chr11:96085920-	14.3619	8.83941
SNX15	TSS12307	chr11:64794870-	9.90288	14.191
PDCL3P4	TSS28958	chr3:101431270-	3.77813	4.62906
PRPF6	TSS17824	chr20:62612430-	27.9604	44.647
SEC22B	TSS10722	chr1:145096400-	22.9052	30.9075
KIF5B	TSS9448	chr10:32297930-	14.941	18.6861
RPLP2	TSS898	chr11:809935-(-	2713.75	2669.94
APRT	TSS7035	chr16:88875870-	37.5928	220.371
TMUB2	TSS14579,TSS	chr17:42264350-	13.5515	11.2454
USP25	TSS24419	chr21:17102340-	9.19741	9.65231
C4orf3	TSS23833,TSS	chr4:120217570-	20.6721	17.9235
ZNF674	TSS7200	chrX:46357159-	0.661616	0.942961
MRPS9	TSS8450	chr2:105654480-	15.4628	35.3026
ZNF784	TSS13844	chr19:56132100-	2.98544	3.88268
PSMD3	TSS20476	chr17:38137020-	51.011	107.287
HERPUD2	TSS2170	chr7:35672269-	16.2161	10.7886
C6orf106	TSS9686	chr6:34555056-	36.7077	31.6197
AP3D1	TSS11795	chr19:2100986-	16.7743	30.2827
BFAR	TSS6193	chr16:14726660-	8.85657	12.4999
NDUFA4	TSS9089	chr7:10971579-	6.81145	23.4944
SERINC3	TSS5039	chr20:43124860-	24.943	23.5256
FAM91A1	TSS16956	chr8:12478088-	5.39803	10.7456
FMR1	TSS3364	chrX:146993460-	15.6493	9.67925
CTU1	TSS4636	chr19:51600860-	2.14861	3.57719
TRIM21	TSS26658	chr11:4406126-	12.4193	12.2195
ZFP41	TSS2051,TSS8	chr8:144328990-	3.20531	3.24992
ZNF518A	TSS10496,TSS	chr10:97889470-	5.04023	3.89529
FXR1	TSS3473	chr3:180630230-	10.2095	10.0997
BMS1P5	TSS20072	chr10:48927370-	1.10265	1.69427
ZNF561	TSS33837	chr19:9718001-	3.34879	3.83306
RBM14	TSS10925	chr11:66384050-	9.43729	18.4931
ZCCHC10	TSS1466	chr5:132332670-	13.9833	11.04

CCT6P3	TSS24077	chr7:64498731-	13.3076	27.0037
ECD	TSS30269	chr10:7489428-	7.97435	14.0062
MAP3K2	TSS31657	chr2:12805624-	10.0627	6.81695
MED7	TSS31292,TSS	chr5:15656545(-	2.27428	8.89968
RBM4B	TSS4829	chr11:6643246-	9.52256	9.41094
ARL17A	TSS15395	chr17:4437649(-	4.86741	3.7251
C10orf88	TSS14041	chr10:1246904-	2.29857	2.70396
PAXIP1-AS1	TSS28165	chr7:15479514-	2.25856	3.14478
HNRNPM	TSS12336,TSS	chr19:8509711-	93.3635	195.107
COX8A	TSS23973	chr11:6374207(-	95.1049	246.134
DTWD1	TSS3381	chr15:4991322(-	2.35176	5.32959
IQGAP1	TSS6269	chr15:9093147(-	48.7491	34.8541
TMEM208	TSS22782	chr16:6726101(-	20.0612	65.9869
CHKB	TSS27414	chr22:5101738(-	22.4354	12.4105
POLG2	TSS13256	chr17:6247390-	6.65905	10.7513
TMEM189	TSS6896	chr20:4874027(-	4.58573	8.23382
FAM200B	TSS25945	chr4:15683351-	1.36896	0.634921
SNIP1	TSS13468	chr1:38000049-	7.91001	5.77992
NOL7	TSS1951	chr6:13615558-	33.466	113.897
DNAL4	TSS15986	chr22:3917451(-	2.8731	3.62018
SIRT1	TSS2344,TSS9	chr10:6964442(-	14.904	9.30835
MAN2A1	TSS12739	chr5:10902506(-	13.0119	7.52339
AKAP8L	TSS23514	chr19:1549085(-	26.0989	22.6172
ENTHD2	TSS28103	chr17:7920207(-	9.379	7.88632
FDX1	TSS1902	chr11:1103006(-	4.56696	8.05498
ZNF765	TSS27379	chr19:5389839(-	3.851	4.15721
NDNL2	TSS6390	chr15:2956035(-	21.7417	16.1744
CNPY2	TSS3850	chr12:5670421(-	17.2661	48.3588
GPR107	TSS29915	chr9:13281598-	5.87112	5.89724
DUSP7	TSS29655	chr3:52082936-	1.64526	10.5251
INTS4P2	TSS29359	chr7:65112766-	2.94465	4.26493
HNRNPF	TSS19057,TSS	chr10:4388106-	63.6881	159.826
LINC01003	TSS29145	chr7:15216120(-	5.74478	3.85933
TOR2A	TSS26225	chr9:13049380(-	6.4688	8.62947
GPATCH2L	TSS3725,TSS4	chr14:7661822-	7.06906	4.39361
LOC10013305(-	TSS20008	chr5:99715208-	1.2855	0.989835
CCDC57	TSS27419	chr17:8005934(-	1.42888	3.30693
ECHDC1	TSS10344,TSS	chr6:12760985(-	12.2682	32.8944
CCT6P1	TSS10077	chr7:65216091-	14.0896	28.0479
USP10	TSS8300	chr16:8473355-	14.9568	33.4325
TOLLIP	TSS14517	chr11:1295597-	8.87988	13.1641
LY6G5B	TSS19305	chr6:31638727-	14.1345	3.24852
SPDYE2	TSS30211	chr7:10229077-	1.52378	1.49677
ATP5D	TSS20968	chr19:1241748-	33.2279	143.661
HIPK3	TSS13297,TSS	chr11:3327821-	15.5179	12.2568
COX11	TSS15158	chr17:5302925(-	12.9203	17.1472
GNG5	TSS19656	chr1:84964005-	35.4502	62.1226
PSMA5	TSS14216,TSS	chr1:10994165(-	18.4886	42.8746
NSUN4	TSS12292,TSS	chr1:46805848-	3.39354	6.66582
SFI1	TSS27148	chr22:3189212-	2.53826	3.662
PIAS3	TSS9005	chr1:14557598-	7.69736	5.92335
PHYKPL	TSS25351	chr5:17763547-	9.78128	8.64621
PPP4R2	TSS29909	chr3:73046118-	12.2624	30.0469
FKBP1AP1	TSS33519	chr19:5833666(-	0.0941242	0.956949
POLR3C	TSS31261,TSS	chr1:14559066(-	6.94473	13.138

C11orf68	TSS3398	chr11:65684282	14.5615	12.1036
THAP9-AS1	TSS10294	chr4:83814604	12.2044	9.99194
TBPL1	TSS23764,TSS	chr6:13427330	9.6913	18.2926
TUBD1	TSS2193	chr17:57936840	2.14211	2.36946
GOLGA5	TSS25035	chr14:93260575	6.64029	7.79121
SLC35A2	TSS18117	chrX:48760456	3.14519	9.0394
ARF3	TSS10694	chr12:49329997	12.4286	36.7197
RPS2	TSS26023	chr16:20120617	398.864	728.46
TM2D1	TSS22516	chr1:62146718	10.966	7.0077
ACO2	TSS18238	chr22:41865128	23.8892	55.703
GNB2	TSS7629	chr7:100271362	56.0502	87.66
PDCD2	TSS14322,TSS	chr6:170884659	19.4596	33.6299
CASD1	TSS30660	chr7:94139169	7.48005	6.16463
FKBP15	TSS25834	chr9:115927799	5.73021	6.08617
KLHL15	TSS33975	chrX:24001832	5.07096	3.36944
ARMC7	TSS19589	chr17:73106046	7.77839	7.61115
UBE2W	TSS31156	chr8:74692331	4.89698	3.44306
CA5BP1	TSS2254	chrX:15693038	5.86092	6.25078
TMEM120B	TSS23450	chr12:12215065	1.45759	4.29448
C12orf29	TSS25267	chr12:88429267	3.47222	9.14303
YOD1	TSS24299,TSS	chr1:20721719	3.1554	4.42309
TIMM22	TSS25298	chr17:9003569	8.91136	20.6224
CHCHD1	TSS24382	chr10:75541807	19.258	58.3353
MCMBP	TSS23258,TSS	chr10:12158897	10.1879	20.2162
ATG101	TSS28423	chr12:52463757	12.5078	33.6701
VAV1	TSS32650	chr19:6772678	12.6319	14.0891
PMS2P5	TSS11668	chr7:72476618	1.07602	1.71532
RFX7	TSS31977	chr15:56382730	5.42242	5.36174
MYO9B	TSS22927	chr19:17186590	18.1653	16.5244
VPS41	TSS22081	chr7:38763542	9.10229	11.3797
RAI1	TSS22802	chr17:17584786	3.29418	6.99575
ENSA	TSS18813,TSS	chr1:150594598	46.8568	105.259
ST20	TSS161,TSS18	chr15:80191187	7.24317	7.04855
SCAND2P	TSS11191	chr15:85174690	2.77688	1.48342
DBT	TSS16586	chr1:100652477	2.29077	2.21804
NHLRC3	TSS18150	chr13:39612447	1.79867	2.48183
DNPEP	TSS6596	chr2:220238179	13.6932	41.9245
ZNF543	TSS10753	chr19:57831864	3.50392	2.96056
RAB11FIP3	TSS23278,TSS	chr16:4756679	7.72189	6.77246
RC3H1	TSS13268	chr1:173900227	9.98251	6.39796
SNX12	TSS25107,TSS	chrX:70279096	10.51	17.7018
UBE2O	TSS11680	chr17:74385612	10.4795	15.616
BPTF	TSS11151	chr17:65821779	16.2759	13.5156
DYNC1H1	TSS24023	chr14:10243086	24.09	18.4118
LSM3	TSS28112	chr3:14220227	43.858	92.2338
C19orf24	TSS11399	chr19:1275519	9.78482	53.8862
SLC25A5-AS1	TSS28017	chrX:11859999	0.267039	0.350878
TRIM26	TSS32939	chr6:30152231	19.2136	22.8423
ZNF431	TSS13794	chr19:21324839	4.39305	4.20349
SCAI	TSS6943	chr9:127704887	1.39184	0.701154
MMAA	TSS8537	chr4:146540539	0.649657	1.35735
LASP1	TSS8940	chr17:37026117	30.8933	31.3747
PTBP3	TSS13313,TSS	chr9:114979994	13.856	17.5158
GMFB	TSS17524	chr14:54941208	14.6177	20.4922
RAPGEF1	TSS11558,TSS	chr9:134452156	55.9415	39.4119

ANKRD36C	TSS20230	chr2:96515295-	1.61413	0.826505
C2orf42	TSS1789	chr2:70377016-	5.14663	4.01201
PBRM1	TSS17243	chr3:52579367-	7.75689	8.31485
AMDHD2	TSS31241	chr16:2570362-	8.84688	8.78112
NDUFS7	TSS27003	chr19:1383882-	19.4455	87.8844
ZNF397	TSS13380	chr18:3282099-	8.86348	5.51721
PBDC1	TSS15394,TSS	chrX:75392763-	14.6786	32.9106
CLPX	TSS10461	chr15:6544278-	12.6925	22.8914
ASTE1	TSS9778	chr3:13073271-	3.62	3.65099
THUMPD3	TSS4524	chr3:9404716-	7.81392	12.4303
RPL7	TSS16234	chr8:74202873-	131.38	253.268
PSMG4	TSS13277	chr6:3259161-	8.65801	15.5383
MIEF1	TSS25378,TSS	chr22:3989610-	9.76341	19.2436
PPP1R7	TSS26220,TSS	chr2:24208898-	17.6248	31.4893
CLTA	TSS14905	chr9:36190852-	38.4969	96.8989
RPL36A-HNRM	TSS1776	chrX:10064587-	9.95471	10.355
UBLCP1	TSS18697	chr5:15869008-	8.14968	20.1702
DCXR	TSS12488	chr17:7999375-	28.6914	75.0709
NBPF1	TSS19376	chr1:16888921-	5.59092	3.93835
MRPS10	TSS7361	chr6:42174538-	8.30639	18.9297
PNN	TSS28738	chr14:3964438-	37.7743	43.7253
TRAM1	TSS12244	chr8:71485452-	36.8447	38.2874
CEBPZ	TSS9910	chr2:37428774-	15.9192	38.1329
MAP7D1	TSS19972	chr1:36621565-	27.8343	30.43
FAM195B	TSS8605	chr17:7978023-	10.6703	17.2388
RDH13	TSS13138,TSS	chr19:5555569-	1.86386	6.81838
AGAP2	TSS1804,TSS2	chr12:5811807-	5.33595	5.20202
CARD8-AS1	TSS8148	chr19:4875893-	11.9754	8.09987
PPP1R12C	TSS4435	chr19:5560228-	21.0773	23.1318
UBE2B	TSS27683	chr5:13370686-	28.9457	20.5584
LINC01000	TSS24891	chr7:12828129-	8.57793	4.57924
SLC25A38	TSS13091	chr3:39424814-	15.144	20.1385
FLAD1	TSS25679	chr1:15495576-	15.132	27.898
CBWD2	TSS17353	chr2:11419526-	9.72867	18.4871
KIAA0556	TSS11689	chr16:2756146-	2.22808	3.25826
MOCS3	TSS28741	chr20:4957535-	4.54202	6.46649
MITD1	TSS30533	chr2:99785725-	27.6972	33.1101
UBA6	TSS25451	chr4:68481478-	10.8393	11.3931
N4BP2	TSS22857	chr4:40058523-	3.84079	2.86981
PIEZO1	TSS28311	chr16:8878174-	16.3069	23.6527
TTC28-AS1	TSS23164	chr22:2831536-	3.30486	3.782
RPS10	TSS10507,TSS	chr6:34385230-	378.209	422.939
SLC52A2	TSS25091,TSS	chr8:14558221-	13.3242	26.9997
ZNF565	TSS4489,TSS5	chr19:3667296-	1.14537	1.57075
MAP3K11	TSS21184	chr11:6536522-	12.1667	15.6322
NAA40	TSS12359,TSS	chr11:6370644-	4.65069	6.18245
CD53	TSS24625,TSS	chr1:11141382-	147.364	297.219
SLC25A1	TSS15567,TSS	chr22:1916308-	20.6771	27.7524
FAM96A	TSS8769	chr15:6436475-	32.5148	50.8284
CCDC84	TSS5457	chr11:1188688-	9.97208	11.5117
CXorf40B	TSS18096	chrX:14910041-	7.87156	16.7119
MLLT6	TSS23112	chr17:3686187-	18.1209	22.8154
SRSF2	TSS17017	chr17:7473019-	117.493	200.42
EP400NL	TSS21222	chr12:1325688-	0.243012	2.16235
RMDN3	TSS25244	chr15:4102808-	3.91035	12.1034

DNAJC30	TSS25075	chr7:73095247-	4.42044	5.72669
RFNG	TSS17817	chr17:8000577-	5.16928	6.25807
TSSC1	TSS6995	chr2:3192740-	9.54814	21.3698
RPL13A	TSS12575	chr19:49990810-	436.945	535.381
NELFA	TSS7853	chr4:1984440-	12.3915	23.3047
LOC100288778	TSS15289	chr12:73724-9-	11.0792	8.84414
STAT6	TSS1169,TSS2	chr12:57489180-	56.8376	86.5488
RPS29	TSS25704	chr14:50043380-	460.59	581.597
PAPD7	TSS22474,TSS	chr5:6714717-	14.9483	16.2488
AGO2	TSS20869	chr8:141541260-	10.9759	10.5723
SYNRG	TSS29496	chr17:35874890-	11.9529	8.28924
CCDC61	TSS15631	chr19:46498710-	3.04549	5.04888
HARS	TSS24402	chr5:140053480-	15.9584	45.8889
NEK9	TSS29844	chr14:75548810-	15.2588	15.764
NIP7	TSS9959	chr16:69373410-	12.4163	35.4154
CCDC7	TSS2119,TSS6	chr10:32735000-	0.403011	1.0139
WDR1	TSS14808	chr4:10075962-	57.407	121.474
AP2B1	TSS21543	chr17:3391428-	18.4625	22.9555
CARKD	TSS20786,TSS	chr13:11126780-	14.6577	12.2804
TFCP2	TSS8344	chr12:51487530-	8.22525	11.8169
CDKN2AIP	TSS21956	chr4:184365780-	16.8667	11.0558
WASF2	TSS21764	chr1:27730729-	28.0223	24.2466
UTP18	TSS31371	chr17:49337890-	15.3944	37.9366
ZNF48	TSS1378,TSS2	chr16:30389630-	3.64026	5.64633
NCOA5	TSS21691	chr20:44689620-	15.3453	24.3459
ERLIN2	TSS24223,TSS	chr8:37594096-	2.49562	5.80463
OARD1	TSS20153	chr6:41034530-	13.655	19.5648
AP1B1	TSS33662	chr22:29723660-	29.2806	56.5002
ITGB1BP1	TSS33845	chr2:9545814-	10.3908	16.09
CLINT1	TSS2661	chr5:157212750-	20.1976	27.8423
UBA5	TSS12472,TSS	chr3:132373280-	5.45847	14.345
ZNF45	TSS29885	chr19:44416770-	3.7651	4.72439
PPP2R5E	TSS21742,TSS	chr14:63840600-	7.80187	9.40102
WDR73	TSS182,TSS18	chr15:85184720-	3.4855	8.1942
HDGFRP2	TSS6159	chr19:4472192-	11.6859	13.6613
MTHFR	TSS6068	chr1:11845786-	8.31143	8.19609
MOSPD2	TSS28023,TSS	chrX:14891526-	6.19439	3.08698
MYCBP2	TSS2900	chr13:7761879-	17.3685	15.0413
PHF13	TSS16730	chr1:6673755-	5.21275	3.57641
BDH2	TSS17669	chr4:10399878-	1.37798	0.96123
CEP95	TSS5591	chr17:6250315-	11.9837	12.6302
ERVK13-1	TSS18301	chr16:2708389-	2.31895	1.55176
RPP30	TSS27769	chr10:92631700-	7.61766	12.2658
ARPC4	TSS18366,TSS	chr3:9834178-	80.6167	156.618
TCAIM	TSS12791,TSS	chr3:44379610-	2.32513	5.72828
STRN3	TSS15710	chr14:31363000-	5.96929	5.05303
HELZ	TSS31293	chr17:65066550-	5.91742	4.81912
SLC35C2	TSS4507	chr20:44978160-	7.76679	18.1434
ICE2	TSS24293	chr15:6071180-	3.64753	7.25088
CCNI	TSS6740	chr4:77969176-	64.8417	68.2931
C9orf69	TSS10049,TSS	chr9:139006420-	7.0206	20.2838
MYDGF	TSS2651	chr19:4657556-	18.9941	57.8654
FAM118B	TSS7141	chr11:1260816-	0.953745	6.02592
SPPL2B	TSS24190	chr19:2328628-	15.1762	9.14249
ZNF805	TSS8692	chr19:57752050-	2.44069	1.51474

C2orf47	TSS13895	chr2:200820039	7.25612	12.627
CIAPIN1	TSS20824	chr16:57462080	5.93963	23.5591
GCN1	TSS33981	chr12:12056507	13.2771	31.0519
ACOX1	TSS13796	chr17:73937588	3.8822	4.2744
MDM4	TSS21719	chr1:204485506	26.5503	15.046
VPS36	TSS1417,TSS4	chr13:52986736	9.19281	12.767
BRF2	TSS32192	chr8:37701397-	9.07321	11.2528
CAMTA2	TSS15881,TSS	chr17:4871286-	4.81213	7.51359
RBM33	TSS19627	chr7:155437202	14.1962	8.29536
SLC9A8	TSS13630	chr20:48429249	3.55123	3.17882
GLUD1	TSS6619	chr10:88809958	14.3071	21.1245
PCIF1	TSS14587	chr20:44563316	20.6786	15.8239
TTC17	TSS14523	chr11:43380434	10.1711	10.0821
PHKB	TSS11506	chr16:47495209	9.05472	9.62972
KATNA1	TSS12268	chr6:149916010	9.60993	12.3687
U2AF1L4	TSS25084	chr19:36233427	11.6908	5.15248
ALG1	TSS1725	chr16:5121809-	1.49867	5.92033
NAA16	TSS20850	chr13:41885340	6.79698	4.73534
HSDL1	TSS25630	chr16:84155744	7.38537	5.8435
PTPMT1	TSS19883	chr11:47586987	4.74311	12.0666
RPL13AP3	TSS2215	chr14:56232962	0.939959	0.564403
PRPF38A	TSS357	chr1:52870218-	21.5882	20.9385
EFTUD2	TSS23052,TSS	chr17:42927654	13.4923	51.3539
BCDIN3D	TSS4778	chr12:50229829	2.39521	2.57156
MFSD8	TSS32312	chr4:128838959	4.86627	3.63341
CLCN7	TSS7397	chr16:1494933-	11.7504	22.0616
DYNLT1	TSS23823	chr6:159057506	11.0702	20.5068
RPL10A	TSS24584	chr6:35436177-	348.551	596.77
ATP6V0B	TSS5465	chr1:44440319-	43.1204	84.031
NPIPA2	TSS3260	chr16:14805549	3.15879	8.13381
RNF8	TSS8723	chr6:37321747-	2.06024	3.85276
PFDN1	TSS2085	chr5:139624634	13.3626	28.1339
KLHDC2	TSS27153	chr14:50234786	15.6905	10.6162
PEAK1	TSS9095	chr15:77400497	2.58141	2.75524
SIRT7	TSS17236	chr17:79869814	12.7916	15.8732
SRSF6	TSS23388	chr20:42086503	31.2712	56.3662
C19orf60	TSS19414	chr19:18699494	28.588	29.839
MTFMT	TSS27210	chr15:65293849	2.81254	5.50181
UBN2	TSS32884	chr7:138916230	3.07242	1.71498
FAM222B	TSS24068,TSS	chr17:27082999	2.18612	3.34654
FRA10AC1	TSS5936	chr10:95427639	4.56546	5.78707
NOM1	TSS7282	chr7:156742416	3.14643	10.3232
PLIN3	TSS12903	chr19:4838345-	19.9312	16.2956
C3orf58	TSS14504,TSS	chr3:143690639	7.27826	5.00049
ENY2	TSS22057	chr8:110346557	10.6042	22.603
TRIP11	TSS28917	chr14:92434242	5.22174	4.35887
RPS13	TSS23935	chr11:17095938	423.444	603.758
POLR2I	TSS4652	chr19:36604610	16.9904	52.4298
SMIM19	TSS15973,TSS	chr8:42396297-	9.03112	23.0431
RAB1A	TSS4876	chr2:65313987-	12.9709	27.9508
NUDT22	TSS16317,TSS	chr11:63993729	6.82967	19.6121
ZNF675	TSS5400	chr19:23835707	8.8336	5.56799
RPL23P8	TSS27672	chr7:20866916-	25.4743	67.3072
DDHD1	TSS22074	chr14:53503457	3.93043	3.46469
SEC14L1P1	TSS4971	chr11:43918852	1.24798	0.979618

ADIPOR2	TSS10115	chr12:1800246-	12.5742	24.0901
CTDSP2	TSS20291	chr12:58213709	35.3351	18.2793
HIF1A	TSS14858,TSS	chr14:62162118	32.846	33.1634
AGPS	TSS16418	chr2:178257470	4.26512	8.97909
SCAF4	TSS9186	chr21:33043312	15.2253	17.5704
XRCC5	TSS6529	chr2:216974019	52.3195	118.238
TMTC3	TSS17398	chr12:88536072	2.28739	1.12133
HINFP	TSS20641	chr11:11899222	8.70907	8.89443
CDC16	TSS8053	chr13:11500036	20.254	23.9564
UPF3B	TSS4460	chrX:118967988	22.8148	18.0931
PPWD1	TSS17647,TSS	chr5:64859062-	21.7787	18.4764
PAFAH1B2	TSS14609	chr11:11701499	14.0742	20.0899
DNAL1	TSS15846	chr14:74111572	0.773325	1.15999
RAD23A	TSS604	chr19:13056622	37.0867	95.0906
CEP192	TSS33815	chr18:12991360	3.33709	2.99936
ZNF576	TSS29971,TSS	chr19:44100542	2.97369	7.17568
TRMT61B	TSS1755	chr2:29072687-	5.02455	7.0408
ROCK2	TSS18670	chr2:11321777-	4.35287	4.29311
PEX19	TSS7974	chr1:160246598	6.92088	11.9833
ING5	TSS24413	chr2:242641458	6.62145	6.68323
GUSBP3	TSS9049	chr5:68935289-	5.21357	3.10494
CHMP4A	TSS9056	chr14:24678786	24.9549	59.8058
PPIE	TSS32646	chr1:40204516-	10.973	20.9468
GNB1	TSS16815	chr1:17167232-	69.3559	96.2114
TXNRD2	TSS8054	chr22:19863040	4.8664	7.00237
IDI2	TSS5981	chr10:1064846-	1.08378	3.60299
KMT2A	TSS9457	chr11:11830720	12.6243	5.18987
RPS7	TSS27593	chr2:36228522-	74.1028	145.348
SLC39A3	TSS4317	chr19:2732522-	13.0657	34.2678
VCP	TSS34087	chr9:35056064-	142.84	153.563
NRD1	TSS15140,TSS	chr1:52254865-	29.1539	34.932
TOB2	TSS10793	chr22:41829492	16.5327	12.8767
CYB5R3	TSS15813,TSS	chr22:43013842	17.1531	21.2865
NTMT1	TSS12705,TSS	chr9:132371162	7.77031	33.2793
MAP2K1	TSS19103	chr15:66679210	19.1523	16.2781
EIF6	TSS4309,TSS6	chr20:33866708	57.5389	165.79
FGFR1OP	TSS9707	chr6:167412802	6.51074	8.14259
SDF2L1	TSS10985	chr22:21996542	13.4335	54.9869
SNRPA1	TSS33814	chr15:10182172	4.85777	19.1484
PATZ1	TSS29033	chr22:31721789	7.06538	7.91978
PIH1D1	TSS19377	chr19:49949549	23.2104	41.3941
CLIP1	TSS23075	chr12:12275598	7.15211	7.08215
RPS28	TSS26177	chr19:8386383-	29.0631	81.0711
NDOR1	TSS12129	chr9:140100118	4.77378	6.83582
PHF5A	TSS2701	chr22:41855720	9.55788	41.2511
UPRT	TSS13542	chrX:74493893-	3.43085	5.49816
CD99P1	TSS6652	chrX:25273052-	3.17881	1.2265
C6orf89	TSS31005,TSS	chr6:36839645-	8.31739	9.15781
ZER1	TSS22747	chr9:131492066	7.55916	7.41246
USP14	TSS3766	chr18:15848222	22.6554	29.797
ANKRD61	TSS2439	chr7:60710062-	0	0.796959
CCDC137	TSS25612	chr17:79633760	9.38461	24.9498
PTP4A2	TSS13282,TSS	chr1:32372021-	34.8349	48.0311
ABL1	TSS24941,TSS	chr9:133589262	4.65654	10.376
FBXL18	TSS13164	chr7:55154272-	1.15331	2.34098



TOP3B	TSS22978	chr22:22311396	6.97845	8.70567
BLOC1S5	TSS29130	chr6:8013799-8	4.44905	6.12835
CDAN1	TSS28711	chr15:43015759	1.53502	2.39004
ZNF789	TSS18298	chr7:99070514-	3.28223	4.85789
BMS1	TSS11877	chr10:43277950	5.15909	15.5716
CHM	TSS24623	chrX:85116184-	6.74684	3.66146
DOPEY1	TSS15460	chr6:83777384-	2.27706	1.61557
UFL1	TSS28071	chr6:96969701-	7.28926	14.1809
TBC1D22B	TSS28815	chr6:37225479-	4.71121	3.42618
MAPKAPK5-AS1	TSS23933	chr12:11227750	4.10124	5.71112
HNRNPH3	TSS18520	chr10:70091760	48.1946	62.1731
ZNF200	TSS16417,TSS	chr16:3272324-	2.80343	3.5133
LENG8	TSS6118	chr19:54960339	23.4327	23.2479
ALG2	TSS3346	chr9:101978706	10.8601	11.4819
TXNL4B	TSS12104,TSS	chr16:72118759	5.09222	9.47204
PLCB3	TSS28037	chr11:64018994	1.09463	1.89139
SP140L	TSS6373,TSS6	chr2:231191890	24.5959	13.5779
C10orf12	TSS7293	chr10:98741040	4.61867	4.48096
ASXL2	TSS3719	chr2:25962252-	9.93192	7.33656
RBM26	TSS5323	chr13:79893000	15.2257	19.8105
PD XK	TSS17285	chr21:45138970	9.38042	9.41612
INTS8	TSS11964	chr8:95835517-	9.40717	10.9959
RNF103	TSS17816	chr2:86830515-	14.919	9.58386
CARS2	TSS19439	chr13:11129379	12.1551	21.1311
ACAA1	TSS29610	chr3:38164200-	10.8627	17.9263
HERC2P2	TSS14383	chr15:23282264	5.7145	3.90833
SNX27	TSS30133	chr1:15158466-	2.50721	4.51042
RNF114	TSS3652	chr20:48552910	25.3738	32.0781
MEGF8	TSS3544	chr19:42829760	1.79293	2.49438
ADAT1	TSS27010	chr16:75632246	2.77685	4.10762
MAZ	TSS17059,TSS	chr16:29817416	24.9577	83.9613
WBSCR16	TSS14258	chr7:74441223-	8.47099	18.4901
KANTR	TSS20710	chrX:53123338-	1.31432	1.03398
SAMD8	TSS17865	chr10:76871390	7.99703	5.15198
SUCLG1	TSS9129	chr2:84650646-	10.3703	38.7466
SENP3	TSS33777	chr17:7465308-	7.96828	33.1274
MPV17	TSS1945	chr2:27532359-	6.34858	34.21
USP37	TSS8191	chr2:219314970	3.66852	2.80572
SEC61A1	TSS25212	chr3:12777121-	27.1544	57.7812
FBXL4	TSS9	chr6:99321600-	4.9291	4.50955
KCNIP4	TSS14698,TSS	chr4:20730238-	0.250466	0.136146
METTL3	TSS28236	chr14:21966274	19.8824	21.7121
TMEM110	TSS824	chr3:52870771-	2.555	3.13801
SLC30A7	TSS23503,TSS	chr1:10136163-	4.23701	5.72318
SETX	TSS27352	chr9:135136826	24.478	16.5152
SLC25A25-AS1	TSS20621	chr9:130873449	1.45208	2.91507
FAM206A	TSS22308	chr9:111696670	2.46169	6.44126
TP53RK	TSS7409	chr20:45313000	5.9548	7.01552
ZBED1	TSS14973,TSS	chrY:2354454-	4.98558	4.95579
CTNBL1	TSS5238	chr20:36322356	16.1098	38.8772
MFSD5	TSS20769,TSS	chr12:53645369	8.34117	16.5148
CDK2AP2	TSS10338,TSS	chr11:67273960	17.2254	29.2782
PDSS2	TSS6206	chr6:107473760	2.20457	5.75008
HINT1	TSS15114	chr5:130494979	251.777	422.284
POLR2A	TSS20366	chr17:7387697-	51.5419	49.1567

ZBTB5	TSS3927	chr9:37438099-	7.67423	5.69436
AKT1	TSS18585,TSS	chr14:10523568-	24.8651	39.4776
TNFAIP8L1	TSS30220,TSS	chr19:4639526-	6.92176	4.42466
RNF5P1	TSS24628	chr8:38457692-	4.84431	8.59526
ATP6V0E1	TSS32727	chr5:172410762-	100.711	134.401
YIPF4	TSS10995	chr2:32502957-	12.843	13.2583
GTF2A1	TSS19971,TSS	chr14:81641795-	8.20496	9.11334
DDOST	TSS33473	chr1:20978259-	40.0988	72.6824
GTF3A	TSS27454	chr13:27998680-	31.5841	94.6558
TARDBP	TSS11960	chr1:11072678-	28.3559	47.0662
RPS6KC1	TSS29564	chr1:213224574-	4.47146	2.81344
ZBED1	TSS11029,TSS	chrX:2404454-	4.98558	5.12894
DNAJC4	TSS13129,TSS	chr11:63997752-	15.3151	11.9321
COG1	TSS8558	chr17:71189172-	3.88291	5.83205
PQLC1	TSS23045	chr18:77662419-	15.3232	12.9446
FBXO42	TSS7261	chr1:16573334-	2.26634	3.95562
UVSSA	TSS3558	chr4:1341103-	2.26164	2.03722
TOR1A	TSS33743	chr9:132575220-	8.08296	15.7478
TOP3A	TSS2289	chr17:18177234-	4.9303	8.61214
RAB1F	TSS8816	chr1:202847409-	5.10212	4.78777
LOC102606465	TSS3099	chr1:10149140-	3.16409	4.09577
C9orf129	TSS12234	chr9:96080480-	2.77927	10.2153
EXOC8	TSS4608	chr1:231468476-	10.0481	8.23642
PSMB10	TSS26717	chr16:67968406-	57.8012	113.387
STX6	TSS25317	chr1:180941849-	6.62152	9.55557
PHF1	TSS33540	chr6:33378772-	30.6643	15.2759
COPS6	TSS7572	chr7:99686582-	21.4667	60.4212
NUP50-AS1	TSS22375,TSS	chr22:45529638-	0	2.41711
ERGIC3	TSS5462	chr20:34129777-	63.7468	59.6193
ABCD3	TSS25105	chr1:94883932-	6.05551	11.4724
ELP3	TSS17762,TSS	chr8:27947747-	7.92527	15.7324
EFTUD1P1	TSS23538	chr15:84748938-	4.50245	3.9324
MAP2K4P1	TSS20528	chrX:72744110-	0.667819	0.469415
ZBTB26	TSS22793,TSS	chr9:125680307-	4.82706	2.83486
PRRC2A	TSS19246	chr6:31588449-	31.4593	38.5221
NUDCD3	TSS9392	chr7:44421964-	7.71529	10.5862
SCRN2	TSS21336	chr17:45915046-	5.48321	5.35168
CHIC2	TSS32351	chr4:54875957-	11.7416	8.83868
RPL23AP87	TSS12962	chr17:81174665-	1.01766	0.574248
M6PR	TSS305	chr12:9092956-	38.153	69.9041
R3HDM2	TSS19845	chr12:57647547-	5.45365	7.1917
CSNK1G1	TSS5432	chr15:64457715-	4.66696	4.64395
SH3GLB1	TSS7925	chr1:87170252-	13.9651	12.635
BTBD7	TSS8506	chr14:93703895-	5.04668	5.31155
NIF3L1	TSS11935,TSS	chr2:201754049-	10.2782	14.6816
SNRPB2	TSS28107	chr20:16710608-	17.7498	50.4291
NUDT3	TSS11764	chr6:34254972-	10.3901	24.7758
UBL4A	TSS16926	chrX:153712055-	4.1591	16.2615
DYNLRB1	TSS2674	chr20:33104188-	59.7068	82.1843
LMBR1L	TSS24681	chr12:49490922-	14.4641	7.03034
NARFL	TSS26810	chr16:779754-	12.1533	14.312
ZZEF1	TSS9695	chr17:3907738-	6.91655	9.0881
DCAF7	TSS31336	chr17:61627795-	23.6251	38.1957
ADRM1	TSS30980	chr20:6087795-	94.5724	134.384
PPP1R2	TSS9467	chr3:195241217-	11.13	13.0416

UBXN8	TSS29735	chr8:30601681-	5.84631	5.41515
C14orf159	TSS11863,TSS	chr14:91580356-	7.34369	10.5431
COMT	TSS15078,TSS	chr22:19929267-	8.48516	24.7191
FASTKD2	TSS29559	chr2:20763011-	2.66686	9.28266
FANCF	TSS16843	chr11:22644078-	2.96149	5.63846
CCDC66	TSS16196	chr3:56591183-	3.51009	3.81077
SRRT	TSS23999	chr7:10047270-	28.0896	55.4195
FAM73A	TSS1062	chr1:78245308-	3.51614	2.21021
KCTD20	TSS33163	chr6:36410543-	14.1696	24.6727
MRPL32	TSS25582	chr7:42971938-	25.856	55.1347
ABHD13	TSS20580	chr13:10887076-	3.51568	3.71559
CBWD3	TSS33679	chr9:70856860-	7.08379	15.028
TCEB3	TSS12304	chr1:24069855-	11.6714	20.0734
ALDH16A1	TSS32516	chr19:49956472-	18.6525	18.7577
INPP5K	TSS1771	chr17:1397870-	12.0252	10.1708
CMPK1	TSS10823	chr1:47799468-	26.9218	45.5068
MAPKAP1	TSS25731	chr9:128199672-	13.8363	38.9831
STX17	TSS14885	chr9:102668914-	3.55648	4.1399
HCLS1	TSS29963	chr3:121350244-	135	180.94
INO80D	TSS31131	chr2:206858444-	6.21172	4.4872
DDX3X	TSS11216,TSS	chrX:41192560-	64.627	87.3345
PSMD11	TSS3960	chr17:30771480-	28.6724	48.8755
RAP1GDS1	TSS23083	chr4:99182526-	8.14985	12.3471
BAK1	TSS22665	chr6:33540322-	4.95844	11.2184
DIAPH1	TSS27066	chr5:140894587-	25.8634	40.8626
KLHDC10	TSS29215	chr7:129710348-	6.40269	4.53379
THYN1	TSS30104	chr11:13411817-	13.7221	15.5462
LYSMD4	TSS23132,TSS	chr15:10026760-	2.38264	1.78078
TMED5	TSS17002	chr1:93615298-	13.5276	13.8165
FBXO46	TSS2250	chr19:46213886-	4.0167	10.7113
TPRKB	TSS4693	chr2:73956956-	12.6008	44.3475
SRPR	TSS4305	chr11:12613287-	18.8499	43.8469
EXOG	TSS32647	chr3:38537762-	2.6309	3.33678
GLUD1P3	TSS10414	chr10:75491298-	2.09417	0.727704
CLDN15	TSS20412,TSS	chr7:100875372-	5.46585	4.29739
RNF34	TSS15187,TSS	chr12:12183788-	13.5319	18.9625
ZC3H4	TSS21472	chr19:47567446-	7.91963	13.5231
CCNK	TSS5582	chr14:99947738-	19.2988	32.3938
HPS5	TSS32428	chr11:18300216-	9.70841	11.3325
ALDOA	TSS16619,TSS	chr16:30064410-	209.627	633.317
ZNF639	TSS31284,TSS	chr3:179040778-	5.52283	14.1279
CHD3	TSS13539,TSS	chr17:7788122-	10.562	13.0828
ARL6IP1	TSS22232	chr16:18802990-	57.2753	41.4395
PICALM	TSS28855,TSS	chr11:85668216-	19.6649	23.2802
PFKL	TSS2275	chr21:45719916-	36.0462	56.1611
PSMA4	TSS26481	chr15:78832746-	73.1006	190.27
MOAP1	TSS2632	chr14:93648540-	13.5801	10.8731
TMEM230	TSS31429	chr20:5080483-	15.6118	40.3624
ARID4B	TSS15712,TSS	chr1:235330209-	20.2461	11.2552
SRP72	TSS30379	chr4:57333761-	19.392	37.9407
PPFIA1	TSS6741	chr11:70116809-	6.71918	7.35169
SLC25A28	TSS31700	chr10:10137027-	16.1543	15.6315
AKAP11	TSS21780	chr13:42846288-	10.5426	10.7626
NIFK-AS1	TSS21643,TSS	chr2:122407229-	1.84505	2.35334
NUMA1	TSS10769,TSS	chr11:71713909-	32.8225	23.4314

TMEM128	TSS27901	chr4:4237268-4	6.46685	9.56492
MRPL40	TSS6503	chr22:1942003-	6.65556	30.6213
ZNF778	TSS31201	chr16:89284110	1.57248	1.65591
FAM227B	TSS4911	chr15:4962059-	1.26984	0.995292
RRP36	TSS3153	chr6:42989384-	13.4833	38.8734
BCKDK	TSS31817	chr16:31119614	5.19528	15.517
ZBTB14	TSS1408,TSS3	chr18:5289017-	6.94577	5.52231
POMT1	TSS10209	chr9:13437828-	4.48027	3.63806
TMEM258	TSS28907	chr11:6155660-	82.1805	219.373
CYB561D2	TSS14320,TSS	chr3:50388125-	11.3451	16.1263
RPUSD1	TSS28393	chr16:834973-}	6.79584	26.6388
BSG	TSS26889,TSS	chr19:571276-}	47.7737	88.2988
ELL	TSS16658	chr19:1855347-	8.74141	9.17441
DRG1	TSS12471	chr22:3179553-	12.5545	40.9715
SSR4	TSS13342,TSS	chrX:15305962-	75.3637	164.081
BLOC1S2	TSS15039,TSS	chr10:1020330-	22.6312	24.1653
LIPT1	TSS16228,TSS	chr2:99771417-	8.10229	4.34002
ZNF16	TSS18247	chr8:14615574-	2.3639	2.70407
CDK5RAP3	TSS10135,TSS	chr17:4604789-	16.5894	16.8387
CBWD1	TSS27806	chr9:121037-1	13.1231	29.8074
WDR13	TSS30488,TSS	chrX:48455879-	13.3416	14.14
SNRPD3	TSS23264	chr22:2495161-	25.2437	49.2728
C11orf98	TSS16061	chr11:6243028-	33.2655	126.465
NDUFB2	TSS16955	chr7:140396480	40.376	224.35
ZUFSP	TSS29669	chr6:116956780	8.38165	9.33248
PRPSAP1	TSS13703	chr17:7430686-	5.97129	8.53267
GNA12	TSS1558,TSS2	chr7:2767740-2	15.5515	13.4219
IGBP1P1	TSS4302	chr14:3540912-	0.769933	2.92702
PCYT2	TSS27585,TSS	chr17:79860770	3.75022	8.36344
GLTSCR1	TSS29783	chr19:4811145-	3.14271	2.75042
MCU	TSS19917,TSS	chr10:7445188-	5.13826	4.3498
EMC7	TSS26735	chr15:3437622-	14.9541	32.1384
ZBTB22	TSS11003,TSS	chr6:33282181-	8.77786	7.86215
PSMC3	TSS30392	chr11:4744031-	48.5743	79.2738
SWSAP1	TSS6721	chr19:1148538-	2.14665	2.5482
NKAPP1	TSS25952	chrX:11937030-	1.7392	0.6136
KATNBL1P6	TSS30434	chr6:14712280-	1.20852	2.22593
NSMAF	TSS17777,TSS	chr8:59496063-	12.4994	36.2933
NAA35	TSS28548	chr9:88556056-	5.32383	9.57825
SENP1	TSS27631,TSS	chr12:48436680	3.53168	5.94074
CCDC186	TSS10283	chr10:1158819-	6.02548	3.04678
LOC728743	TSS8329	chr7:15010283-	3.91678	2.95282
PPP3CC	TSS25109	chr8:22298482-	14.9643	11.9124
NAPA	TSS25990	chr19:47990890	13.3441	40.0606
GMPPA	TSS15286,TSS	chr2:22036358-	7.20638	15.9243
PRUNE	TSS26403	chr1:15098086-	7.67101	5.25428
ZNF330	TSS12666	chr4:142142040	16.1813	27.1449
AMIGO3	TSS32603	chr3:49754266-	1.23355	1.05845
CNOT10	TSS11244,TSS	chr3:32726636-	6.94264	14.9823
KANSL1	TSS13395,TSS	chr17:4410728-	14.7128	10.2846
SHPRH	TSS9974	chr6:14620594-	3.58864	4.63996
ZBTB11-AS1	TSS11146	chr3:10139527-	1.2266	2.27786
ZNF783	TSS30673	chr7:14895926-	5.50228	4.71268
GATAD1	TSS31053	chr7:92076761-	4.6774	3.99134
EIF1	TSS27719	chr17:3984512-	386.604	416.559

SELK	TSS26950	chr3:53919225-	26.6302	40.2325
DAG1	TSS139,TSS31	chr3:49506135-	1.17499	2.65923
BTBD2	TSS1257	chr19:1985446-	15.9534	14.6685
PTPN9	TSS23403	chr15:7575946-	4.92719	5.693
SAMM50	TSS17258	chr22:44351260-	19.1086	40.7274
TSTD3	TSS7353	chr6:99968869-	1.8483	0.899219
CBWD6	TSS2551	chr9:69204537-	5.70277	11.0689
DENND1C	TSS20388	chr19:6467214-	11.3925	15.5398
RBM3	TSS12586	chrX:48432740-	44.2401	76.1431
FOXK1	TSS16628	chr7:4721929-	8.0979	12.4819
ABCF1	TSS2869	chr6:30539169-	15.6255	46.2071
LANCL2	TSS28834	chr7:55433140-	2.57958	5.28779
WDPCP	TSS5187,TSS8	chr2:63348534-	0.0974926	1.17777
ZC3HC1	TSS17	chr7:129658125-	6.71992	11.3023
B4GALT3	TSS4566	chr1:161141099-	12.9882	22.2855
HMOX2	TSS24503,TSS	chr16:4524703-	8.4478	26.4954
UBR4	TSS24939	chr1:19400999-	28.4723	19.5861
C7orf55-LUC7	TSS10446	chr7:13902587-	0.000191825	7.23911
PGP	TSS5974	chr16:2261602-	1.20755	4.7172
NDUFC1	TSS11982,TSS	chr4:140211070-	17.3738	47.102
DIEXF	TSS14629	chr1:21000131-	3.52848	5.91787
FKTN	TSS13625	chr9:108320410-	1.24578	2.78825
CCNH	TSS13860,TSS	chr5:86690078-	5.09048	21.2824
MRPL20	TSS16368	chr1:1337275-	34.4067	169.772
HPS3	TSS17110	chr3:148847370-	6.92304	5.48207
CLPP	TSS12800	chr19:6361462-	14.7785	83.5374
NCSTN	TSS12151	chr1:160313062-	11.0096	16.637
CHMP3	TSS20057	chr2:86730552-	5.926	12.4787
PIPSL	TSS21897	chr10:95717890-	5.70237	8.68605
C1orf43	TSS31770	chr1:154179170-	36.7381	83.0597
RINT1	TSS31961	chr7:10517253-	4.92717	14.8661
KTI12	TSS21876	chr1:52497776-	7.25087	19.4986
ZSWIM8	TSS11141	chr10:7554538-	12.64	7.8865
TRIM52-AS1	TSS3463	chr5:180688212-	8.64197	8.41887
RPS21	TSS31307	chr20:60962120-	929.171	1235.03
SHISA5	TSS10474,TSS	chr3:48509196-	34.6464	36.5586
NDUFAB1	TSS2294	chr15:41679540-	6.74445	13.3772
HMG20A	TSS10882	chr15:77712992-	8.04562	10.0987
BUD13	TSS25468	chr11:11661888-	6.33133	9.79869
TRAPPC5	TSS12512	chr19:7745706-	18.5266	51.4101
EZH1	TSS1975	chr17:40852292-	19.1193	9.17039
TMEM183B	TSS14843	chr1:202976535-	4.6004	13.864
KPNB1	TSS19977,TSS	chr17:45727200-	48.7517	100.673
TMEM184B	TSS22569,TSS	chr22:38615297-	6.80306	6.73118
UBC	TSS6727	chr12:12539619-	850.364	485.947
UTP6	TSS33867	chr17:30190189-	15.6731	44.4352
RPS3	TSS11429	chr11:75110532-	591.312	705.482
TBC1D22A	TSS12900,TSS	chr22:47158510-	11.7625	17.0359
GCDH	TSS27646	chr19:13001942-	6.59841	28.2761
ZNF3	TSS14260,TSS	chr7:99661469-	8.09805	9.29237
RNF25	TSS14732	chr2:219528580-	11.4507	16.4674
NSMCE1	TSS19031	chr16:27236312-	17.7832	41.7956
DDI2	TSS11377	chr1:15943952-	7.14606	8.63981
ZBTB41	TSS3776	chr1:197122810-	2.09304	1.45216
GTF2IP1	TSS11871	chr7:72569016-	18.98	24.4941

ACOT13	TSS3290	chr6:24667262-	5.05098	5.84468
C14orf119	TSS26925	chr14:23564682-	9.63612	12.0562
PJA2	TSS33663	chr5:108670409-	19.3521	15.7072
FBXW5	TSS1602	chr9:139834884-	24.2048	33.9452
NIPAL3	TSS23688	chr1:24742244-	4.40001	3.98165
ATP6V0C	TSS12114,TSS	chr16:2563726-	70.9676	137.905
C17orf62	TSS15179,TSS	chr17:80400462-	41.1181	38.5671
PIGO	TSS14126,TSS	chr9:35088684-	4.71924	7.12562
PMS2CL	TSS3366	chr7:6774935-(-	9.47782	6.57471
POLE4	TSS12368	chr2:75185774-	17.6321	61.0436
SH3GL1	TSS19091,TSS	chr19:4360363-	6.6754	12.7301
PANK4	TSS20920	chr1:2439969-(-	8.95301	9.23737
THTPA	TSS22689,TSS	chr14:23980968-	6.06441	15.0876
PITRM1-AS1	TSS4158	chr10:3183792-	1.25866	0.719355
TELO2	TSS6161	chr16:1543351-	8.15056	18.2429
ADD1	TSS31466,TSS	chr4:2845583-(-	47.3916	34.0147
TOMM22	TSS30397	chr22:3907795-	21.5245	87.9053
MSANTD4	TSS9136	chr11:10587862-	7.00878	6.31346
TMED10	TSS15566	chr14:75598170-	19.9248	27.3366
FAM160B1	TSS7904	chr10:11658150-	12.3063	5.68519
PHTF1	TSS15579	chr1:11423982-	10.2834	5.28918
PRPF3	TSS18426	chr1:15029392-	11.1839	18.8913
POLL	TSS5129	chr10:1033386-	8.36758	7.16446
PSMA6	TSS24647,TSS	chr14:3574776-	33.6668	71.1618
COX18	TSS21067	chr4:73920412-	1.71846	3.34267
EHMT2	TSS10145,TSS	chr6:31847535-	12.136	14.3166
TULP4	TSS5157	chr6:15873369-	4.12439	5.22852
ST3GAL2	TSS26138	chr16:7041333-	5.58745	13.033
OSGIN2	TSS16397,TSS	chr8:90914095-	5.61467	6.70201
SMIM13	TSS30483	chr6:11094265-	2.06433	2.93129
MRPL55	TSS6048	chr1:22829437-	8.44784	33.4625
MADD	TSS21134,TSS	chr11:4729092-	14.4093	10.3259
ZZZ3	TSS15700,TSS	chr1:78028100-	8.35024	11.2943
DPY30	TSS17149	chr2:32248971-	15.5944	33.6588
GTF2H4	TSS531	chr6:30875976-	9.52513	15.2872
LOC100133315	TSS28573	chr11:71576554-	0.579832	0.838837
TIMM23	TSS30344	chr10:5159208-	13.597	59.0107
UBFD1	TSS25332	chr16:2356886-	9.76674	11.0463
SEC23A	TSS13178	chr14:39501122-	6.434	9.82962
POC5	TSS4516,TSS8	chr5:74970023-	3.07296	5.09898
SLC38A7	TSS25301,TSS	chr16:58699012-	1.62463	4.34587
SMYD4	TSS11156	chr17:1682828-	3.23167	3.469
IMPA1	TSS20034	chr8:82569150-	7.15265	9.88361
MTFR1L	TSS25958,TSS	chr1:26146396-	3.37406	12.8915
WIBG	TSS11378,TSS	chr12:5629519-	18.5088	27.223
CYP2R1	TSS11297	chr11:1489955-	7.78408	5.90746
SMAD4	TSS15175	chr18:48556582-	11.7032	6.56922
MKKS	TSS18355,TSS	chr20:1038542-	6.61215	15.8164
THOC5	TSS24500,TSS	chr22:2990415-	6.44648	18.8185
CD47	TSS16821	chr3:10776194-	18.5578	21.1311
SUCO	TSS20055,TSS	chr1:17250148-	5.67022	4.79405
LSM12	TSS22086	chr17:4211200-	4.1496	11.6171
CLCC1	TSS1458,TSS5	chr1:10947212-	5.81796	4.53562
KIAA0430	TSS3950	chr16:1568822-	27.2557	14.0667
PIK3R2	TSS6961	chr19:1826398-	3.54464	9.63179

LOC100288162	TSS10462	chr16:15019606	4.33214	8.1858
CSNK1A1L	TSS86	chr13:37677396	0.0819548	0.461484
PTOV1-AS2	TSS8030	chr19:50359727	6.49186	3.01529
SARNP	TSS13257	chr12:56146246	18.5894	35.1079
KRCC1	TSS28960	chr2:88326721-	20.313	11.7133
CSDE1	TSS32108	chr1:115259536	70.5668	123.958
GTF3C4	TSS4583	chr9:135545727	7.02923	10.8286
DPY19L4	TSS18006	chr8:95732102-	2.34343	2.20689
ACTR3	TSS14513,TSS	chr2:114647510	37.16	67.331
SNUPN	TSS30885,TSS	chr15:75890426	8.79663	11.3868
ZC3H7A	TSS4130	chr16:11844447	10.7054	16.1339
STAU1	TSS9567	chr20:47729875	15.9267	21.4093
FEZ2	TSS662	chr2:36779403-	7.77712	7.04292
FAR1	TSS14298	chr11:13690205	8.98665	17.364
CCDC90B	TSS34200	chr11:82970134	3.1633	6.26583
CNN2	TSS22824	chr19:1026273-	68.3526	76.7506
CXorf40A	TSS13147,TSS	chrX:148622516	3.85069	10.0816
SEPHS2	TSS10150	chr16:30454945	21.1287	51.561
C11orf30	TSS7673	chr11:76156068	4.01947	2.67282
TRAPPC4	TSS30746	chr11:11888924	13.5405	40.5481
HADHA	TSS6497	chr2:26413503-	29.6792	52.8558
FN3KRP	TSS26893	chr17:80674587	6.48195	8.7563
CPSF4	TSS24256	chr7:99036562-	10.5202	30.5888
DUS3L	TSS2087	chr19:5785152-	16.0497	34.7352
GMCL1	TSS3175	chr2:70056817-	2.93331	4.45103
WTH3DI	TSS29218	chr2:132118064	1.61682	1.05675
LOC643387	TSS9870	chr2:239140326	0.448873	1.41955
PLRG1	TSS33555	chr4:155456148	15.4947	25.4019
SPRN	TSS16393	chr10:13523416	1.17882	2.20073
EXOSC9	TSS28139	chr4:122722477	13.1965	27.3931
LOC100132352	TSS495	chr9:68726540-	14.6088	7.07415
TMEM243	TSS17981	chr7:86825477-	47.8802	42.7729
USMG5	TSS10054	chr10:10514880	30.0738	153.026
XPO6	TSS10555	chr16:28109297	23.0646	30.9563
TXNDC11	TSS9907	chr16:11772935	9.94889	19.5403
RBM5-AS1	TSS8833	chr3:50137035-	9.4014	3.68204
MEF2D	TSS13628,TSS	chr1:156433512	14.3902	14.1085
THAP6	TSS13019	chr4:76439653-	0.965553	3.06509
HEATR3	TSS2597	chr16:50099880	5.14035	7.37755
NBPF8	TSS17511	chr1:144614958	4.37329	4.96458
LOC171391	TSS28538	chr11:77757777-	0	0.786189
FTSJ3	TSS9716	chr17:61896792	10.0169	34.426
UBXN2A	TSS5544	chr2:24163375-	5.81991	5.52972
LPCAT1	TSS8140	chr5:14615417-	14.5294	40.843
LOC101927365	TSS31856	chr6:99872746-	2.32283	1.49459
HRAS	TSS28764	chr11:53224175	19.0855	28.7031
PEX26	TSS1808,TSS3	chr22:18560685	6.37105	13.6719
RIOK3	TSS6586	chr18:21032786	16.7368	15.157
FUBP1	TSS21413	chr1:78412166-	37.2635	69.7397
MED14	TSS11593	chrX:40508794-	5.4982	7.87661
ZNF652	TSS23114,TSS	chr17:47366567	5.16256	3.96325
ZNF696	TSS1513	chr8:144373558	1.08914	3.03584
PDHX	TSS25543	chr11:34937676	4.76869	9.19147
NIPSNAP3A	TSS31234	chr9:107509968	8.41521	12.0132
GCSHP3	TSS26828	chr2:206980296	1.80053	3.06778

LOC728323	TSS22236	chr2:24303078-	0.831389	1.3584
ULK3	TSS12704	chr15:75128456-	7.34106	13.7256
LOC100506302	TSS8863	chr7:155434609-	2.63455	4.55994
VPS18	TSS30151	chr15:41186627-	8.06302	10.326
TEP1	TSS24488	chr14:20833825-	11.7558	5.20867
NDUFV2	TSS4373	chr18:9102627-	15.4242	32.4879
IMMT	TSS9390	chr2:86371054-	23.5077	46.0774
KRTCAP2	TSS6908	chr1:15514188-	31.8511	50.9096
ZFYVE26	TSS26068	chr14:68213236-	4.72737	6.05114
RNMTL1	TSS26113	chr17:685512-6	6.47905	22.7989
YY1AP1	TSS10295,TSS	chr1:15562923-	22.2576	18.5847
MED6	TSS5510	chr14:7104993-	12.5855	15.8779
COG4	TSS6071	chr16:7051447-	8.64459	8.47218
MRPL50	TSS15854	chr9:104152248-	17.8069	39.5779
GPAM	TSS23836	chr10:1139096-	1.42187	2.35489
METTL6	TSS8367	chr3:15451266-	4.65552	6.3208
MICB	TSS13104,TSS	chr6:31462657-	8.48993	8.81153
COLGALT1	TSS15273	chr19:17666510-	13.6046	19.2864
STIM1	TSS2380	chr11:3876932-	11.0345	19.3298
ARPC4-TTLL3	TSS26055	chr3:9834231-9	2.01893	2.15651
PIK3C2A	TSS8768	chr11:1710812-	5.63738	5.36698
CCDC47	TSS9313	chr17:61822609-	13.8196	32.16
NAT6	TSS24922,TSS	chr3:50333832-	1.14267	4.08094
PTCD3	TSS31181	chr2:86333304-	5.25701	11.1862
DDX18	TSS32765	chr2:11857225-	18.4539	50.6258
ZNF484	TSS1281	chr9:95607312-	4.13403	2.41801
MKLN1	TSS1161,TSS2	chr7:13079485-	6.62793	6.17392
BANP	TSS27311,TSS	chr16:8798503-	12.6417	9.03864
TNPO1	TSS22053,TSS	chr5:72112417-	16.7118	23.0025
NDUFS2	TSS11987,TSS	chr1:16116910-	16.5689	37.9143
NXPE3	TSS14782,TSS	chr3:10149802-	3.45918	2.93327
SPATA5L1	TSS20000	chr15:45694518-	3.88864	5.09759
CCDC134	TSS16915	chr22:4219662-	1.47294	3.53547
ABR	TSS14945,TSS	chr17:906757-	8.20814	15.3957
SYT15	TSS6132	chr10:4695544-	0.241993	0.442817
COX7C	TSS31506	chr5:85913783-	185.459	398.659
KRT10	TSS27948	chr17:38974368-	6.50709	14.8409
DAGLB	TSS11661	chr7:6448746-6	6.76314	6.06364
ANXA7	TSS33381	chr10:75135188-	65.922	82.2423
TAS2R20	TSS7620	chr12:11148560-	0.286306	0.258686
RPRD1B	TSS24447	chr20:3666194-	6.88654	10.9997
NUP85	TSS18565	chr17:7320154-	13.1357	16.8603
LOC100506603	TSS6731	chr14:7724807-	1.29578	5.85295
PCID2	TSS19832,TSS	chr13:1138318-	10.2503	28.2994
KATNBL1	TSS10633	chr15:3443287-	2.53287	5.93901
XRCC6P5	TSS8504	chrX:98716599-	1.2612	5.00686
SLC7A5P1	TSS19383	chr16:2962442-	4.32061	8.59615
C11orf57	TSS19480	chr11:11194496-	9.98278	14.1633
SPDYE6	TSS27493	chr7:10198619-	1.28761	1.24335
MINK1	TSS8520	chr17:4736634-	9.31768	10.7676
VIPAS39	TSS33214	chr14:7789301-	4.73785	4.67897
KDELRL1	TSS12938	chr19:48885826-	25.0361	35.8713
LMBRD2	TSS21357	chr5:36103413-	3.61213	2.03395
NUTM2A-AS1	TSS1263	chr10:8899842-	5.78068	17.3079
OVCA2	TSS28686	chr17:1945276-	9.80845	31.5048



RABL2A	TSS29560,TSS	chr2:11438480	1.6825	4.07779
PMS2P5	TSS21558	chr7:74306886	1.51672	3.53306
MFSD12	TSS2613	chr19:3544196	9.34066	22.5025
MICALL1	TSS3298	chr22:3830215	7.22478	6.3369
MTOR	TSS11551	chr1:11166587	4.48231	12.1536
LRRC8D	TSS13510,TSS	chr1:90286572	16.4258	13.1622
BUB3	TSS4301	chr10:1249137	31.5656	59.4855
XRN1	TSS19507	chr3:14202544	10.5162	6.4583
C5orf22	TSS3617	chr5:31532372	5.65758	7.80251
SMA5	TSS24611	chr5:69776869	5.96234	3.08166
RBMX	TSS9046	chrX:13595135	50.5044	91.9493
CELF1	TSS10763,TSS	chr11:4748748	20.9793	28.8507
RPF1	TSS15691	chr1:84944919	23.6075	40.0789
ACBD4	TSS19668,TSS	chr17:4320996	2.80865	3.43857
DALRD3	TSS10533,TSS	chr3:49052920	3.10442	6.5793
FAM120B	TSS11427,TSS	chr6:17059979	3.76669	4.52736
FBF1	TSS21465	chr17:7390661	0.575431	1.00427
IFT88	TSS25807	chr13:2114120	1.47808	2.72042
HELQ	TSS16680	chr4:84328495	7.16364	5.31605
TAPBP	TSS23076	chr6:33267471	35.6524	44.7361
ZNF513	TSS28514,TSS	chr2:27600097	10.0093	7.5939
GTF2H3	TSS11773	chr12:1241182	4.80019	15.9664
FAM122A	TSS23729	chr9:71394963	4.15822	4.20166
LCP1	TSS34164	chr13:4670005	118.024	280.597
PAIP1	TSS15802,TSS	chr5:43526369	3.55714	5.32535
THAP4	TSS16914,TSS	chr2:24252381	8.97888	25.7653
ZNF761	TSS10956,TSS	chr19:5393522	4.56803	6.39603
COX7B	TSS1905	chrX:77154960	95.7303	324.767
N4BP1	TSS27819	chr16:4857263	6.06279	3.57773
SMG7	TSS28097	chr1:18344150	12.0403	17.203
C5orf51	TSS4518	chr5:41904469	9.36129	8.09115
LRTOMT	TSS3236	chr11:7179137	2.66671	1.23851
DDX27	TSS4597	chr20:4783583	23.3169	42.7794
ZNF37BP	TSS16216	chr10:4300896	2.58348	2.76246
NOD1	TSS31082	chr7:30464142	3.83788	2.77268
FLJ37453	TSS7659	chr1:16160709	5.1357	2.227
INE1	TSS10231	chrX:47064246	4.40901	2.26643
NEDD1	TSS21188,TSS	chr12:9730100	5.90045	5.6709
CTAGE5	TSS26437,TSS	chr14:3973447	3.108	3.04972
TRAPPC2B	TSS21426	chr19:5787487	16.6006	21.9187
TRIOBP	TSS13069,TSS	chr22:3809299	5.06929	5.22995
ZNF720	TSS17052	chr16:3172454	3.02486	1.67771
NAGLU	TSS15795	chr17:4068795	3.50714	7.12089
TEN1-CDK3	TSS20001	chr17:7397529	1.99376	1.91009
NGRN	TSS20037	chr15:9080889	21.2166	24.117
WDR45	TSS11510,TSS	chrX:48932091	10.0336	10.352
XRCC6	TSS26360,TSS	chr22:4201716	63.3802	153.336
COG6	TSS7077	chr13:4022976	4.25136	3.99992
NUPL2	TSS27236	chr7:23221445	7.26206	14.319
AP5S1	TSS32295	chr20:3801170	2.25965	5.41106
ATP5J	TSS20505	chr21:2709679	27.6225	101.052
ADCK2	TSS24427	chr7:14037295	16.2034	8.00641
NAT9	TSS14226	chr17:7276666	6.96833	15.3167
RBBP5	TSS22152	chr1:20505526	6.833	8.01333
WDR47	TSS9166	chr1:10951283	4.67433	2.99004

SPDYE7P	TSS33799	chr7:72333320-	1.18241	0.592299
CRK	TSS8687	chr17:1324646-	10.2927	11.3606
DNTTIP1	TSS12616	chr20:4442057-	8.49762	18.0448
MROH1	TSS20256,TSS	chr8:14520291-	2.5784	4.35568
TMEM134	TSS29523	chr11:6723181-	15.2313	18.4692
VAPA	TSS7478	chr18:9913954-	6.62714	12.0929
ZNF490	TSS14144	chr19:1268691-	2.05446	2.21009
YIPF2	TSS31789	chr19:1103344-	4.15813	10.7685
GSPT1	TSS12393,TSS	chr16:1196198-	9.00816	31.3518
PCNX	TSS17921	chr14:7137412-	7.1912	3.69937
LIG3	TSS18292	chr17:3330751-	5.26552	9.99495
TMEM102	TSS2512	chr17:7338761-	2.58493	6.61319
HSBP1	TSS16768	chr16:8384150-	8.37302	22.4969
AKIRIN1	TSS20865	chr1:39456915-	19.9529	34.0002
ELP5	TSS14452,TSS	chr17:7155371-	13.3645	30.5722
BRE	TSS19388	chr2:28113481-	9.62308	23.2548
SCARNA12	TSS3731	chr12:7076499-	19.2956	19.0318
RPSAP9	TSS27789	chr9:79013514-	25.2327	42.7614
PAGR1	TSS25197	chr16:2982752-	6.48873	12.6727
TAF1B	TSS28630	chr2:9983570-	4.59468	6.25435
C12orf65	TSS10819,TSS	chr12:1237178-	11.0087	10.1049
MTR	TSS33091	chr1:23695858-	3.74443	6.35316
USP34	TSS8129	chr2:61414589-	18.1146	13.7604
CLN8	TSS24257	chr8:1711869-	4.98404	4.454
CYFIP2	TSS24368,TSS	chr5:15669308-	33.9309	47.8485
COPS2	TSS3426	chr15:4941747-	7.86006	21.5764
ZNF12	TSS3757	chr7:6728063-	5.6049	6.3141
ZBTB6	TSS13004	chr9:12567033-	7.47623	4.93388
PITPNB	TSS29280,TSS	chr22:2824765-	20.8067	36.3879
POLRMT	TSS9933	chr19:617222-	4.92824	10.8755
EXOC5	TSS3144	chr14:5766919-	4.13754	7.27272
MEMO1	TSS3868,TSS7	chr2:32092878-	4.39637	20.2636
C17orf75	TSS13744	chr17:3065545-	1.43505	4.12456
ZNF524	TSS539	chr19:5611170-	9.36005	10.5994
HAUS2	TSS19330	chr15:4284101-	6.76189	9.42307
ATP6V0A2	TSS22686	chr12:1241968-	2.98282	6.56494
ZNF37A	TSS443	chr10:3838326-	5.98297	8.3353
TMEM129	TSS22846	chr4:1717678-	4.77128	6.34556
SLC26A6	TSS13637,TSS	chr3:48663155-	2.60536	2.08551
PDXDC1	TSS13124,TSS	chr16:1506859-	10.3125	14.4726
QTRTD1	TSS32391	chr3:11377558-	8.16545	16.0602
LAMTOR2	TSS1966	chr1:15602451-	20.4139	44.8149
CCDC9	TSS18133	chr19:4775973-	18.693	12.8876
TBCE	TSS22410	chr1:23553067-	8.1082	12.6521
WBP11P1	TSS4035	chr18:3009162-	0.203114	0.53247
DHRXS	TSS27774	chrY:2087554-	0.741048	0.94214
CDK17	TSS13370	chr12:9667203-	19.5011	14.3129
TESK1	TSS7015	chr9:35605280-	14.0373	12.0496
FRS3	TSS5976	chr6:41737913-	1.20162	0.89837
ARL5A	TSS11961	chr2:15265747-	11.3722	23.5172
U2AF1	TSS25511	chr21:4451306-	66.5799	168.344
CALM1	TSS12941	chr14:9086332-	35.8593	55.1743
C11orf80	TSS22681	chr11:6651220-	3.19774	3.33148
ATP1A1-AS1	TSS10029,TSS	chr1:11693548-	2.57954	0.466232
DCAF4	TSS2367	chr14:7339303-	6.04528	12.1794

POTEJ	TSS13311	chr2:13136910	1.08595	2.97448
SPRYD3	TSS4097	chr12:5345809	7.93048	19.3045
GSR	TSS20603	chr8:30535579	44.0148	98.0591
DSTNP2	TSS10695	chr12:6993845	1.86566	2.44496
OGDH	TSS28415	chr7:44646120	11.9657	28.5785
SETD9	TSS26376	chr5:56205086	2.45017	1.48256
SLC11A2	TSS12848,TSS	chr12:5137356	3.02375	4.22311
DNAJB6	TSS7039,TSS7	chr7:15712970	46.0423	37.0292
FBXL15	TSS12486	chr10:1041795	2.31689	4.99938
ESRRA	TSS21387,TSS	chr11:6407299	5.98733	24.9198
INTS2	TSS7730	chr17:5994272	2.51694	6.513
SDR39U1	TSS14100,TSS	chr14:2490897	9.13832	17.6091
EXOSC3	TSS16534	chr9:37779710	12.9854	23.9432
CSNK1G3	TSS13177,TSS	chr5:12284779	11.7667	8.17103
PFN1	TSS17150	chr17:4848944	184.339	503.534
ST20-AS1	TSS1107	chr15:8021511	2.38527	1.44027
PCF11	TSS6283	chr11:8286813	26.6853	15.3676
TMEM5	TSS11821,TSS	chr12:6417358	4.55752	12.7915
RNF19A	TSS16517,TSS	chr8:10126928	17.4535	17.8063
SENP6	TSS11331	chr6:76311224	13.0771	16.6239
ZFP90	TSS21575	chr16:6857311	5.01778	2.80877
SOS2	TSS1244	chr14:5058384	12.4609	6.36386
TBCK	TSS4625,TSS5	chr4:10696547	1.54363	1.84683
FER	TSS13601,TSS	chr5:10808352	3.10924	3.22629
ZNF589	TSS19322	chr3:48282595	3.97724	8.23642
UIMC1	TSS1877,TSS2	chr5:17633200	14.9706	17.7067
PCMTD2	TSS25527	chr20:6288704	10.1527	8.04749
TLN1	TSS9796	chr9:35697333	46.0393	50.4882
TAF13	TSS11648	chr1:10960699	13.4972	25.2218
COPS8	TSS5311	chr2:23799408	5.28279	8.56689
RAB6A	TSS29259,TSS	chr11:7338668	23.7771	18.4498
TMEM116	TSS9252	chr12:1123690	3.69644	9.20347
FBXW11	TSS20586	chr5:17128855	10.3019	14.6111
PSMD10	TSS4440	chrX:10732743	17.6891	28.4005
TMEM115	TSS23959	chr3:50392179	9.10195	9.76043
CSTF1	TSS27748,TSS	chr20:5496742	10.0294	12.3568
JRKL	TSS13755	chr11:9612315	4.26734	4.51128
INPP5B	TSS18252,TSS	chr1:38326368	11.256	10.8721
DAP3	TSS4225,TSS4	chr1:15565888	27.6491	52.6239
DHX15	TSS3885	chr4:24529087	37.5749	83.0813
CCDC73	TSS28924	chr11:3262362	0.310508	0.152986
POLB	TSS16270	chr8:42195972	5.71403	7.34406
ICAM2	TSS14675,TSS	chr17:6207995	11.5389	17.6068
USP5	TSS17908,TSS	chr12:6961284	18.8503	49.8381
POLR1D	TSS22234,TSS	chr13:2819487	42.9461	85.054
C7orf55	TSS10446,TSS	chr7:13902519	5.07379	5.62534
ATG2A	TSS13828	chr11:6466200	6.03305	7.25217
C19orf25	TSS21108	chr19:1473199	12.3058	14.3313
KDM4B	TSS32756	chr19:4969123	7.65449	11.3798
LOC644936	TSS16607	chr5:79594916	1.61343	5.97556
SUGT1	TSS28473	chr13:5322683	14.4508	18.5325
ATE1	TSS19804,TSS	chr10:1234999	4.3375	8.19398
RPS6KA3	TSS19164	chrX:20168028	10.6351	8.93086
ZADH2	TSS20140,TSS	chr18:7290706	4.1955	2.54408
ZFR	TSS20785	chr5:32354455	25.4067	30.5748

CREBZF	TSS23949	chr11:8536860	23.2252	12.8778
FOXK2	TSS2525	chr17:8047759	6.52192	12.967
EFCAB7	TSS3542	chr1:63988971	1.58534	1.74011
POTEE	TSS28703	chr2:13197592	1.0843	2.91905
MSN	TSS14763	chrX:64887510	159.991	163.2
TXN2	TSS5467	chr22:3686309	15.8635	47.7062
HNRNPR	TSS17725	chr1:23631180	14.4549	33.8666
TUT1	TSS16312	chr11:6234251	6.03597	12.3554
LRRFIP1	TSS24751,TSS	chr2:23853622	26.387	39.0672
AP4S1	TSS23230,TSS	chr14:3149431	5.84669	3.4104
PHF11	TSS24043,TSS	chr13:5006980	18.3354	21.5024
BANF1	TSS24725	chr11:6576954	32.0767	74.1991
KMT2E	TSS2646	chr7:10465463	34.8197	18.6531
TUFM	TSS15480	chr16:2885373	44.1785	180.512
ECHS1	TSS32719	chr10:1351759	22.5577	57.9151
FYTTD1	TSS15220,TSS	chr3:19747642	23.3353	31.4789
PSMA3-AS1	TSS3628	chr14:5873208	22.0049	13.4331
DPP7	TSS9876	chr9:14000499	22.8797	54.7698
SPCS2	TSS18844	chr11:7466029	10.516	16.2456
OGFOD1	TSS28553	chr16:5648542	8.75261	21.497
SGPL1	TSS11847	chr10:7257570	10.4643	8.16097
TMX1	TSS30707	chr14:5170688	7.84674	15.8619
DGCR6	TSS22455	chr22:1889373	3.35037	4.89261
TRAF2	TSS173	chr9:13978096	9.3049	15.205
FECH	TSS16121	chr18:5521207	1.83402	3.6979
TRAF6	TSS6919	chr11:3650531	3.91645	2.69817
POLR3E	TSS13443	chr16:2230869	7.01857	17.2862
ANAPC10	TSS29151,TSS	chr4:14591572	1.23478	4.58121
SLC24A1	TSS15852,TSS	chr15:6590374	1.38803	1.07689
ATF7	TSS15128,TSS	chr12:5390163	11.6124	9.77239
C3orf38	TSS14801	chr3:88198892	13.777	10.3887
MSTO1	TSS9174	chr1:15557996	4.32362	15.391
CDC23	TSS23988	chr5:13752333	6.75278	10.4004
FAM200A	TSS22757	chr7:99143922	1.70622	4.11599
ZDHH8	TSS8613	chr22:2011936	3.67138	6.47297
TRIM28	TSS8829	chr19:5905583	73.6855	145.899
ALG10B	TSS5836	chr12:3871055	2.05187	1.64425
RRNAD1	TSS33147	chr1:15669826	9.71351	7.47403
LRR58	TSS14702	chr3:12004357	5.06206	14.8203
ZNF180	TSS19803	chr19:4497864	2.61665	2.39706
NARF	TSS11885,TSS	chr17:8041605	16.8827	16.5507
EDEM3	TSS16765	chr1:18465962	3.24395	3.8875
HDAC8	TSS12933	chrX:71549365	3.13597	8.26293
ARL8B	TSS17190	chr3:5163929	23.7928	25.5709
KIAA0368	TSS14854	chr9:11412297	23.308	24.2479
GTF2A2	TSS3527	chr15:5993026	12.513	29.3189
CYB5R4	TSS19769	chr6:84569369	8.03623	13.6024
PMPCA	TSS22898	chr9:13930502	13.3537	41.0337
TPCN2	TSS13307	chr11:6881634	3.53516	2.88186
POLR2K	TSS7984	chr8:10116283	19.1723	64.7476
ELP4	TSS26305	chr11:3153127	2.19495	6.43982
RQCD1	TSS16867	chr2:21943330	8.84581	25.2314
DCAF13	TSS10964	chr8:10442694	12.8382	34.4199
SF3B4	TSS21335	chr1:14989520	26.6087	45.108
TTC4	TSS7590	chr1:55181494	5.14981	21.2679

IMPAD1	TSS4386	chr8:57870487-	5.40145	11.6752
TRMT44	TSS28384	chr4:8442531-}	2.55198	4.90283
DMXL1	TSS18389	chr5:11840678-	10.432	5.89849
GSK3B	TSS9891	chr3:11954080-	6.6565	5.93017
CARD8	TSS16848,TSS	chr19:4871134-	18.105	17.8313
PTP4A1	TSS1205	chr6:64281916-	16.8736	29.8745
B9D2	TSS29116	chr19:4186032-	4.91862	3.73899
FAM63B	TSS16905	chr15:5906339-	2.72997	0.729017
SLC25A32	TSS6055	chr8:10441086-	11.6793	34.5028
ECSIT	TSS25498,TSS	chr19:1161673-	13.5382	30.7872
DHX34	TSS14047	chr19:4785253-	3.20247	8.28717
CMC1	TSS5251	chr3:28283123-	4.27159	23.5873
CORO7	TSS29739	chr16:4404542-	13.2228	11.7084
PCYT1A	TSS29721	chr3:19596525-	16.0411	17.6357
RSF1	TSS9472	chr11:7737727-	16.7405	9.75493
C1orf122	TSS13255	chr1:38273472-	8.48857	23.5426
MCEE	TSS4495	chr2:71336805-	3.49598	5.24044
GLI4	TSS2793	chr8:14434960-	5.20912	3.8992
GMPR2	TSS18947,TSS	chr14:2470162-	12.846	20.3121
SUN1	TSS19211,TSS	chr7:855193-9-	15.4425	14.4248
SLC25A17	TSS2816	chr22:4116563-	5.97394	15.5249
HMGXB3	TSS30892	chr5:14938016-	8.12691	12.9948
NCBP2	TSS20733,TSS	chr3:19666227-	14.4821	53.5901
BTBD1	TSS31300	chr15:8368518-	16.1929	23.535
ZNF133	TSS11822	chr20:1826892-	1.12226	2.37181
ZNF430	TSS14295	chr19:2120342-	7.30792	5.38121
LOC439994	TSS10565	chr10:8910216-	4.38276	4.05477
REV3L	TSS25007	chr6:11162023-	5.06326	5.7095
LRRRC42	TSS22018	chr1:54411998-	8.43047	12.8684
PPM1K	TSS31452	chr4:89178760-	24.36	14.219
MYO5A	TSS32690	chr15:5259947-	5.29762	5.02263
MALSU1	TSS30909	chr7:23338939-	9.34933	37.8256
RHEB	TSS17005	chr7:15116309-	8.82619	7.9786
GTF2H2C	TSS17310	chr5:68856050-	1.56455	5.07527
GNPAT	TSS6842	chr1:23137691-	8.50157	17.8495
ATP5I	TSS17706	chr4:666224-6-	128.429	402.783
METT16	TSS33804	chr17:2319347-	13.2036	20.794
ETFDH	TSS1978,TSS8	chr4:15959325-	7.13339	9.15329
SPATA2	TSS13816,TSS	chr20:4851992-	3.78424	6.0983
POLR2L	TSS7602	chr11:839720-}	23.2662	103.73
RAB6C	TSS1856	chr2:13073723-	1.36056	1.17193
GLG1	TSS34127	chr16:7448132-	11.8433	8.56972
GEMIN7	TSS12517,TSS	chr19:4558251-	6.8764	19.2088
GTF2IP4	TSS24032	chr7:74601103-	9.4005	8.98133
BCCIP	TSS18873	chr10:1275121-	21.7768	70.3166
TCEB2	TSS11785	chr16:2821414-	63.8975	174.158
ZDHH13	TSS26734	chr11:1913869-	4.59698	5.5189
POLDIP2	TSS3792	chr17:2667365-	11.6113	41.768
ZBED6	TSS29205	chr1:20376665-	8.41875	4.84129
NDUFB5	TSS21464	chr3:17932257-	27.2316	54.8784
HCCS	TSS11736	chrX:11129405-	11.1211	16.8849
CALM2	TSS11237,TSS	chr2:47387220-	98.6628	282.268
TPGS1	TSS25279	chr19:507496-}	5.89581	7.64027
TMCO1	TSS26202	chr1:16569352-	11.6849	13.8103
MFAP1	TSS2192	chr15:4409673-	11.3367	21.4821

ELAVL1	TSS4840	chr19:8023456-	11.6189	21.9799
STRAP	TSS4306	chr12:1603528-	19.5216	72.5839
MRPL23	TSS1078	chr11:1968501-	27.3051	108.345
RPL11	TSS8920	chr1:24018268-	1558.96	1965.32
DDB1	TSS33651	chr11:6106691-	33.814	79.7447
LRRC37A6P	TSS30025	chr10:2753478-	0.733685	0.185609
SRP54	TSS13386	chr14:3545210-	13.0863	36.3336
UBXN7	TSS14288	chr3:19608036-	10.3386	9.66207
RASSF3	TSS21925	chr12:6500429-	24.6335	20.1313
ATPAF2	TSS26947	chr17:1792133-	12.2473	15.7586
SDCCAG8	TSS24426	chr1:24341930-	2.74994	2.64107
GTF2IRD2	TSS3704	chr7:74508346-	7.29085	4.43326
VMA21	TSS9282	chrX:15056565-	4.891	14.8816
CUL4A	TSS115,TSS18	chr13:1138625-	20.4831	26.5735
TRAPPC9	TSS31265,TSS	chr8:14074258-	1.82627	4.65411
NAPB	TSS18952	chr20:2335515-	3.35893	2.38948
IFT46	TSS4543	chr11:1184152-	4.60156	7.08401
SS18L1	TSS7747	chr20:6071877-	4.13993	3.09711
ARHGAP30	TSS31138	chr1:16101673-	27.3818	41.5466
LRSAM1	TSS29708,TSS	chr9:13021376-	5.06298	6.47571
LSM4	TSS26067	chr19:1841703-	17.5596	43.23
ETF1	TSS29074,TSS	chr5:13784178-	13.2777	57.732
APPL1	TSS27095	chr3:57261764-	7.9401	11.0072
UBE4B	TSS33796	chr1:10093040-	10.9342	11.908
PIAS2	TSS16267	chr18:4439002-	5.16309	5.82573
C8orf44	TSS16782	chr8:67579786-	2.05682	0.768726
INVS	TSS15745	chr9:10286150-	4.46682	3.1133
BRD8	TSS11412	chr5:13747545-	11.9277	12.73
PCGF6	TSS12067	chr10:1050625-	1.72353	4.23149
FBXO28	TSS23307	chr1:22430178-	6.34491	8.21516
SUMF2	TSS33846	chr7:56131916-	14.8733	29.7603
AGFG1	TSS17033	chr2:22833688-	9.48459	11.0581
GOLT1B	TSS14818	chr12:2165469-	7.53222	10.528
NOP58	TSS31971	chr2:20313051-	37.9804	124.364
YIPF5	TSS8177	chr5:14353772-	8.5438	10.824
MAP4K5	TSS7028	chr14:5088521-	5.45349	7.80938
MGC57346	TSS24819,TSS	chr17:4369769-	2.74034	3.53338
RPGR	TSS27887	chrX:38128422-	2.73772	1.78796
YIF1B	TSS1193,TSS5	chr19:3879419-	1.45585	7.73239
KIAA0907	TSS9688	chr1:15588283-	13.473	15.0389
NIPBL-AS1	TSS19323	chr5:36871462-	3.11466	3.00352
GUF1	TSS7005	chr4:44680432-	3.77888	12.8222
TBL1X	TSS3004,TSS3	chrX:9431334-	11.8741	9.21099
RPL4	TSS14764	chr15:6679165-	290.199	547.458
TMEM141	TSS30467	chr9:13968577-	7.6558	26.0968
BTBD10	TSS17995,TSS	chr11:1340954-	5.47039	7.4399
RPL27A	TSS33640	chr11:8703994-	42.2887	65.5773
COMMD4	TSS17269,TSS	chr15:7562833-	15.9413	32.4151
SPTLC2	TSS23064	chr14:7797233-	9.10856	7.20543
GPCPD1	TSS31748	chr20:5525079-	17.1587	24.3878
ZNF674-AS1	TSS18293	chrX:46404924-	0.65229	1.02921
C8orf82	TSS4132	chr8:14575160-	1.44055	7.99229
ARL17B	TSS27322	chr17:4437691-	3.99786	5.53346
LEO1	TSS34082	chr15:5223022-	6.6178	16.0722
LIN7C	TSS6435	chr11:2751596-	5.998	11.0466

FAM69A	TSS24886,TSS	chr1:93298285-	7.60701	7.01912
CC2D1A	TSS22744	chr19:1401695!	6.48218	7.74887
SEC22C	TSS14426,TSS	chr3:42589458-	7.61524	8.68676
PTEN	TSS12366	chr10:8962319!	6.94929	10.0699
CTAGE1	TSS17009	chr18:1999356!	0.0904588	0.0724291
HSCB	TSS26592	chr22:2913804!	7.78123	12.065
MID1IP1	TSS32786	chrX:38660684-	16.2179	22.6863
C9orf85	TSS3852	chr9:74526422-	2.14169	6.46982
LAMP1	TSS13362	chr13:1139514!	41.2047	51.8664
NHP2L1	TSS4477	chr22:4206993!	35.4092	131.468
UBA1	TSS33637,TSS	chrX:47050198-	38.7296	77.2772
RNF115	TSS23543	chr1:14561098!	7.52749	12.7405
NVL	TSS33530	chr1:22441503!	5.70019	7.99309
VTA1	TSS29572	chr6:14246829!	7.02885	16.4688
SHKBP1	TSS27167	chr19:4108275!	24.9768	40.748
TAF15	TSS29157	chr17:3413645!	50.8793	80.2644
GOLGA6L10	TSS1086	chr15:8263234!	0.872127	0.826268
DHX57	TSS6869	chr2:39024875-	4.24262	4.89786
GOLGA6L17P	TSS17571	chr15:8280400!	1.04616	0.484047
MFSD6	TSS9697	chr2:19127308!	5.21378	4.52969
TMEM127	TSS18789	chr2:96915945-	13.6353	11.8625
RTCA	TSS18499	chr1:10073171!	8.38208	14.6346
EEF1G	TSS19475	chr11:6232707!	244.022	313.08
TRADD	TSS31409	chr16:6718808!	15.9096	15.7635
ARMT1	TSS26229	chr6:15177339!	8.59053	10.2941
UBR1	TSS14929	chr15:4323509!	7.44982	5.66008
UBE2Z	TSS3336	chr17:4698573!	32.8032	38.7813
PPIB	TSS2267	chr15:6444801!	60.8181	251.794
RPS14P3	TSS493	chr1:19934300-	118.185	154.695
CDV3	TSS25389,TSS	chr3:13329243!	58.7038	94.3087
HIGD2B	TSS3334	chr15:7296812!	0.307018	0.419663
RGPD4	TSS27130	chr2:10844338!	4.16806	3.21301
CYB5B	TSS19782	chr16:6945849!	10.2938	22.1455
OBFC1	TSS17537	chr10:1056373!	0.898065	1.28255
PPIL3	TSS16933	chr2:20173567!	7.63294	13.618
DNAJC25	TSS18580	chr9:11439363!	0.92675	3.9647
GMCL1P1	TSS4490	chr5:17761151!	0.312608	0.199062
SLC35B3	TSS15575	chr6:8413299-!	8.50926	7.87663
S100A13	TSS14798,TSS	chr1:15359127!	5.78199	3.03511
SREK1IP1	TSS30295	chr5:64013977-	5.22062	7.93133
ATP6AP2	TSS14849	chrX:40440215-	21.4992	23.3239
ZNF579	TSS9913	chr19:5608889!	1.64568	3.29063
RIOK2	TSS29406	chr5:96496570-	4.98137	14.7412
SMARCAD1	TSS1124,TSS2	chr4:95128758-	5.36182	9.91778
F8A1	TSS28292	chrX:15411463-	7.32879	10.9974
LRRC45	TSS15593	chr17:7998117!	1.84251	2.41983
ZFP64	TSS9074	chr20:5070054!	1.38268	5.48112
GLUD2	TSS26820	chrX:12018146-	8.50808	11.4617
TSFM	TSS5696	chr12:5817652!	7.90706	30.7258
ERCC4	TSS21751	chr16:1401401!	1.10021	2.37787
ALMS1	TSS21672	chr2:73612885-	3.32395	1.90582
KBTBD2	TSS14873	chr7:32907777-	18.0034	10.4616
KANSL2	TSS8214	chr12:4904699!	13.3941	17.7346
FBXL19	TSS14462,TSS	chr16:3093437!	5.31707	8.71508
ARFGEF2	TSS9853	chr20:4753827!	11.2012	13.3688

FKBPL	TSS18106	chr6:32096483-	3.36358	5.98101
MRPL22	TSS28426	chr5:15432063-	5.8525	10.4212
ZBTB40	TSS17951	chr1:22778343-	8.2907	8.94783
PMF1	TSS23812	chr1:15618277-	13.2493	38.2759
INAFM1	TSS28276,TSS	chr19:4777765-	13.981	6.69846
SDHB	TSS30283	chr1:17345224-	16.0195	88.3522
PAXIP1-AS2	TSS32776	chr7:15472022-	5.17998	1.18905
GRPEL1	TSS11760	chr4:7061779-	9.78779	59.6247
TTI2	TSS19048	chr8:33356026-	2.52445	10.34
ZNF554	TSS27611	chr19:2819871-	0.533279	0.566589
ADNP	TSS10630,TSS	chr20:4950545-	18.1317	20.4152
PACRGL	TSS21205	chr4:20702035-	1.72767	3.48449
FBXO3	TSS936	chr11:3376248-	8.58385	6.85682
SPIDR	TSS841	chr8:48173469-	6.9886	7.51963
UBE2H	TSS14378,TSS	chr7:12947057-	14.3679	8.70866
C6orf203	TSS18130	chr6:10734937-	2.92651	6.55968
CLASP2	TSS31963,TSS	chr3:33537738-	7.52642	8.1768
ZBTB25	TSS22089,TSS	chr14:6491582-	2.58547	3.26311
PTDSS1	TSS31603	chr8:97274113-	33.9106	47.3001
ANKRA2	TSS34066	chr5:72848024-	7.51171	4.02071
RABEPK	TSS24236,TSS	chr9:12796282-	5.0331	27.1273
NFE2L2	TSS2598,TSS2	chr2:17809503-	34.4945	31.6378
COMMD10	TSS23317,TSS	chr5:11542067-	5.30419	10.8116
PRPF4	TSS851	chr9:11603791-	10.9896	22.9172
CREBBP	TSS20030	chr16:3775055-	20.7156	15.5438
ATP6V1C1	TSS6809	chr8:10403324-	9.7061	12.8088
EIF3D	TSS6301	chr22:3690689-	75.1885	145.61
RPS8	TSS4152	chr1:45241245-	572.55	905.511
STX16	TSS7650	chr20:5722630-	14.4442	10.941
JADE1	TSS17538,TSS	chr4:12973077-	7.65399	7.59055
ZNF2	TSS29916	chr2:95831161-	1.04772	1.00396
SRPK2	TSS29656,TSS	chr7:10475682-	13.3339	10.0719
JMJD7	TSS32576	chr15:4212028-	4.8414	3.55041
NENF	TSS5344	chr1:21260622-	7.79978	19.0725
ANKLE2	TSS17001	chr12:1333022-	18.0004	17.4229
MNT	TSS24370	chr17:2287353-	5.32413	8.66849
MRPL52	TSS3620	chr14:2329909-	20.3352	57.5427
HDAC5	TSS10600	chr17:4215412-	21.9588	11.961
FUS	TSS29910	chr16:3119143-	40.8485	80.4393
GNPTG	TSS10367	chr16:1401899-	24.2444	20.4852
PUS1	TSS10551,TSS	chr12:1324137-	9.94969	32.0738
MRPL34	TSS7352	chr19:1741647-	6.86545	54.5739
THOC7	TSS13552,TSS	chr3:63819545-	13.8791	52.7611
CLPTM1L	TSS11020	chr5:1317999-	20.1891	54.9858
UTP3	TSS21693	chr4:71554195-	19.7698	37.4985
CHD2	TSS25423	chr15:9344355-	32.1453	15.0781
TRPT1	TSS11344,TSS	chr11:6399127-	8.04631	12.6608
ZHX1-C8orf76	TSS18162	chr8:12423842-	3.14164	0.704867
CWC27	TSS13864	chr5:64064744-	12.337	21.0294
NDUFB3	TSS17417	chr2:20193646-	21.2249	83.9699
RPL8	TSS16136,TSS	chr8:14601515-	1188.54	1687.55
ZC3H14	TSS13782,TSS	chr14:8902925-	7.34968	8.93606
SCAND1	TSS16909,TSS	chr20:3454153-	24.7404	31.9843
ENTPD4	TSS33119	chr8:23286664-	14.7346	7.24195
MRPL19	TSS20345	chr2:75873908-	2.44399	7.78747



KLHL12	TSS27315,TSS	chr1:20286022	9.31147	10.6768
ARMC1	TSS4957	chr8:66514690	8.56965	14.7773
ZNF26	TSS25719	chr12:1335629	5.18516	5.20322
PIK3C3	TSS27223	chr18:3953516	9.58327	8.87284
CAMLG	TSS6482	chr5:13407416	14.2228	12.9495
ZMYM2	TSS13733,TSS	chr13:2053280	8.95865	6.54197
DDX54	TSS27428	chr12:1135949	17.9247	48.1759
SPRTN	TSS18014	chr1:23147368	2.57151	3.32291
VBP1	TSS23298,TSS	chrX:15442528	21.8355	42.9929
PINK1-AS	TSS20815	chr1:20969149	1.41461	2.21296
SLC35B2	TSS19303,TSS	chr6:44221837	7.23006	18.5773
NPIPA2	TSS15149	chr16:1484466	0.143815	7.41244
MSTO2P	TSS21802	chr1:15571555	4.78194	13.4266
ZRANB2	TSS33349	chr1:71528973	35.2552	35.9754
C9orf91	TSS18892	chr9:11737370	8.1512	8.59613
RASA1	TSS25184,TSS	chr5:86564069	9.24943	10.3513
TM2D2	TSS22762	chr8:38846326	5.68319	5.35525
ANAPC1	TSS4022	chr2:11252521	7.4947	21.7661
NDUFS1	TSS23948,TSS	chr2:20698780	8.22197	19.0919
FAM133B	TSS11515,TSS	chr7:92190071	1.90763	5.57596
GNB2L1	TSS21841	chr5:18066392	740.212	1128.28
USP54	TSS16525	chr10:7525729	0.646684	1.80032
RPL23	TSS23360	chr17:37006320	425.716	860.99
SIRT2	TSS19858,TSS	chr19:3936919	9.91756	11.2389
RWDD4	TSS22839	chr4:18456078	2.72372	5.02952
NUP133	TSS21508	chr1:22957704	7.84249	15.1771
SDF4	TSS26838	chr1:1152287	28.1887	44.4569
ATP5C1	TSS7229	chr10:7830092	44.4342	121.552
GTF2IP1	TSS13251	chr7:74601103	10.487	16.9602
KCTD13	TSS24462	chr16:2991765	7.00897	6.87025
RAB21	TSS12086	chr12:7214865	19.8237	25.3354
ZPR1	TSS17030	chr11:1166492	14.4754	36.1231
LOC101929147	TSS4313	chr1:11968301	4.54828	3.88908
ZFP62	TSS15228	chr5:18027461	4.69351	3.64116
TMEM214	TSS18259	chr2:27255773	6.3643	15.4334
WDR5B	TSS6629	chr3:12213069	3.09362	2.81209
POLR2E	TSS8985	chr19:1086577	18.0426	70.2961
PIK3CB	TSS317,TSS33	chr3:13837153	2.41803	3.02278
USP11	TSS4088	chrX:47092313	21.7055	19.4104
AMD1	TSS13237,TSS	chr6:11113582	18.3698	47.5239
TPR	TSS28987	chr1:18628078	14.3371	17.2799
TADA1	TSS5043	chr1:16682574	8.37692	7.46255
AAGAB	TSS1098,TSS3	chr15:6749301	5.70427	15.3683
NDUFA6-AS1	TSS25534	chr22:4248693	0.195673	0.587721
SGSM3	TSS3043	chr22:4076656	10.6424	12.1165
RSL1D1	TSS22752	chr16:1192805	22.6087	56.433
ERCC2	TSS32617	chr19:4585464	2.19304	11.116
UBR5	TSS14023	chr8:10326450	15.734	16.2984
GOLGA6L5P	TSS22206	chr15:8504939	0.524094	0.689872
PSMD4	TSS231	chr1:15122719	50.7299	74.1442
MUTYH	TSS8146,TSS8	chr1:45794913	3.51465	6.85561
RPL39	TSS24324	chrX:11892046	751.638	930.322
TYSND1	TSS19059,TSS	chr10:7189773	6.68362	9.09436
COIL	TSS30634	chr17:5501556	8.53677	10.941
STK36	TSS28089	chr2:21953674	1.08107	2.73394

MRPL2	TSS29931	chr6:43021766-	8.25234	34.0811
MRPS16	TSS33460	chr10:75008600-	15.8331	46.6918
TMEM261	TSS1746	chr9:7796490-	5.98591	13.3537
NPIP9	TSS13326	chr16:2876375-	2.82227	2.58813
VPS50	TSS17324	chr7:92861652-	7.06547	4.06307
TBCD	TSS5730	chr17:8070993-	4.46731	9.8812
DHX35	TSS6608	chr20:37590980-	1.36101	4.34427
SLC35F6	TSS24296	chr2:26987141-	2.54931	5.82452
MBD3	TSS33564	chr19:1576669-	19.2924	56.2166
GTF3C3	TSS14241	chr2:19762775-	8.06076	10.7805
DDX24	TSS21831	chr14:9451726-	36.831	51.9754
TTC27	TSS24971	chr2:32853086-	4.68249	16.9277
NBPF25P	TSS19256	chr1:14825024-	1.08098	2.01743
PSMA3	TSS15279	chr14:5871152-	98.1727	210.381
MLH3	TSS27655	chr14:7548046-	1.35661	2.96494
C7orf25	TSS30804	chr7:42948871-	1.50834	2.38238
WDR5	TSS26388,TSS	chr9:13700120-	8.56838	22.5906
TPT1	TSS2144	chr13:4590760-	410.536	269.686
FAM156B	TSS20689	chrX:52928408-	0.698624	3.51458
RPL23AP7	TSS18263	chr2:11436881-	5.73157	16.2474
ZNF292	TSS28901	chr6:87865268-	9.37766	6.5346
CD99P1	TSS23962	chrY:2477305-	1.11453	1.07406
ATP5A1	TSS28035,TSS	chr18:4366410-	81.8588	234.379
RPSAP58	TSS32526	chr19:2394581-	283.776	502.451
SCFD1	TSS27208,TSS	chr14:3109145-	11.5675	23.0192
ARHGAP15	TSS28953	chr2:14388689-	22.8558	28.9388
ELF1	TSS24129,TSS	chr13:4150605-	56.1006	43.1487
ARL6IP6	TSS13823	chr2:15357440-	8.37197	6.56843
BOLA2B	TSS17103	chr16:2946491-	8.71223	57.2174
ZNF621	TSS32421	chr3:40566368-	5.71079	4.13004
EEF1B2	TSS20067	chr2:20702431-	146.333	266.491
TNPO2	TSS15562,TSS	chr19:1281000-	5.51523	30.1483
ITPA	TSS29026,TSS	chr20:3189513-	21.2123	88.747
TRIM11	TSS17562	chr1:22858137-	10.6364	9.64735
FYCO1	TSS13706	chr3:45959390-	2.89085	3.83613
ACAP3	TSS15071	chr1:1227763-	3.64442	4.04547
VIMP	TSS31118	chr15:1018111-	11.7204	18.2214
GOLGA6L4	TSS16322	chr15:8490452-	0.681903	0.718606
FAM126B	TSS12271	chr2:20183844-	5.47312	4.57293
HNRNPA1L2	TSS13817	chr13:5319160-	18.1398	41.9582
GTF2H2B	TSS27230	chr5:69711196-	5.28643	12.3188
RP2	TSS2988	chrX:46696346-	9.59724	6.53814
PP7080	TSS9966	chr5:470624-4-	2.32728	4.34262
ZBTB7A	TSS2801	chr19:4045215-	15.8309	16.4143
CLN3	TSS21297,TSS	chr16:2847797-	7.24086	19.7311
HEXDC	TSS32912	chr17:8037625-	6.93128	5.72021
MCUR1	TSS14179	chr6:13786780-	3.38796	5.89442
C19orf70	TSS27632	chr19:5678424-	18.37	73.7692
SLC25A46	TSS30065,TSS	chr5:11007383-	7.44925	12.7376
EMC3	TSS30870	chr3:10005635-	17.7371	26.3495
UBE2Q2P1	TSS20330	chr15:8507042-	0.527626	0.538036
RHBDD1	TSS18893	chr2:22770067-	4.42936	6.08855
TRAFD1	TSS16314	chr12:1125633-	15.2813	18.0319
ZNRF2	TSS18087	chr7:30323922-	10.7526	7.09141
CPNE1	TSS12793,TSS	chr20:3421395-	36.9443	63.7168

RABEP1	TSS20940	chr17:5185557-	12.5371	23.8416
C10orf32	TSS183	chr10:10461396-	8.49147	12.9116
KHDRBS1	TSS33277	chr1:32479294-	46.4869	67.3197
TPT1-AS1	TSS11777	chr13:45915479-	3.28137	1.01684
POLI	TSS4469	chr18:51795848-	1.20318	1.39748
TERF1	TSS8556	chr8:73921096-	3.13712	4.07675
SPAG8	TSS10716	chr9:35807781-	0.407319	0.0420899
PRKAG1	TSS24872,TSS	chr12:49396054-	8.99227	22.5452
LOC100132215	TSS14326,TSS	chr2:63271099-	0.285964	0.338018
SMUG1	TSS13064,TSS	chr12:5457414-	7.91869	7.8088
NUDT2	TSS21982	chr9:34329503-	4.82041	10.6803
APEX2	TSS25316	chrX:55026755-	7.46651	14.3809
BRCC3	TSS22207	chrX:15429969-	1.62887	7.47435
AMZ2	TSS7159	chr17:66244144-	14.4699	15.5933
GORASP2	TSS11361,TSS	chr2:17178494-	15.4501	33.7083
PRR3	TSS10540	chr6:30524485-	3.98567	5.01959
C9orf16	TSS12537	chr9:130922538-	17.0841	27.8916
ABHD14B	TSS2885	chr3:52002525-	13.2667	14.0968
ZNF189	TSS30833	chr9:104161138-	6.15836	5.36473
SEC61A2	TSS27893	chr10:12171639-	3.80034	2.18927
HERC2P10	TSS8561	chr15:31110238-	4.02147	2.50743
RECQL	TSS5497	chr12:21621848-	23.7492	21.9262
CRIPAK	TSS3871	chr4:1385339-	1.28052	1.46012
C7orf60	TSS13232	chr7:11245920-	5.27899	3.12844
LOC441454	TSS18526	chr9:99671356-	0.94987	1.71634
TPM3	TSS11746,TSS	chr1:154127779-	63.1258	94.3147
MRPS23	TSS14376	chr17:55916286-	10.2224	50.2068
PUSL1	TSS6784	chr1:1243993-	1.55342	8.95422
SFMBT1	TSS29248	chr3:52937582-	6.65589	5.56257
REEP3	TSS8679	chr10:65281128-	3.49233	4.62387
PSMB2	TSS18570,TSS	chr1:36065142-	23.0087	44.06
ZNF213-AS1	TSS17643	chr16:3175529-	0.434938	0.370878
NR2C2AP	TSS15732	chr19:19312219-	5.28367	17.0556
AKR1A1	TSS21400	chr1:46016454-	17.9997	55.4804
TMEM43	TSS10393	chr3:14166439-	15.4677	16.648
SIVA1	TSS33248	chr14:10521946-	26.756	47.7161
CEP76	TSS24460	chr18:12661954-	3.02764	3.69205
ANAPC7	TSS18489	chr12:11081070-	11.63	18.3908
PABPC1	TSS15361	chr8:101715148-	264.9	480.127
SCLY	TSS26204	chr2:238969564-	1.67803	6.87567
COPA	TSS25734	chr1:160258376-	26.9344	33.6615
HERC2P3	TSS3280	chr15:20613649-	3.54733	2.63156
ABHD11	TSS1003,TSS1	chr7:73150424-	2.64169	5.52501
RRN3	TSS32726	chr16:15153878-	9.36077	20.1616
RP9	TSS9609	chr7:33134409-	10.2317	13.4365
MRPL21	TSS22	chr11:68658748-	15.5855	78.7249
SYAP1	TSS5146	chrX:16737706-	5.28914	9.92664
TXNDC15	TSS5574	chr5:134209459-	6.61692	6.43165
PSMG3	TSS19908,TSS	chr7:1606969-	6.02504	25.1279
MTMR10	TSS32167	chr15:31231148-	8.05714	6.19357
TIRAP	TSS21189	chr11:12615298-	4.98843	5.44433
MRPL41	TSS12389	chr9:140446308-	24.6664	79.053
TFB2M	TSS7910	chr1:246703868-	6.48027	29.8849
TSPAN3	TSS15182	chr15:77336359-	22.3722	20.2395
CDC123	TSS9964	chr10:12237960-	28.4476	96.3671

ADI1	TSS30080,TSS	chr2:3501689-	19.7604	29.1969
SP4	TSS10789	chr7:21467688-	4.48539	3.25329
RAB10	TSS2478	chr2:26256728-	22.9193	40.7236
FKRP	TSS15061	chr19:4724930-	2.84906	4.03821
LYRM7	TSS1345	chr5:13050660-	6.45377	13.2189
VPS37C	TSS10963	chr11:6089772-	2.60852	4.5246
SLC33A1	TSS32672	chr3:15554430-	4.406	7.28985
ZDHHC2	TSS21686	chr8:17013835-	19.7695	12.2282
PDHB	TSS26454,TSS	chr3:58413356-	26.9908	49.9933
TM9SF4	TSS12627	chr20:3069730-	6.23193	16.0532
ANKRD16	TSS16281	chr10:5903688-	0.815389	3.68184
RPAP3	TSS2309	chr12:4805571-	9.70007	11.4196
DENR	TSS9753	chr12:1232373-	14.5279	31.1432
PSMG3-AS1	TSS30561	chr7:1609708-	0.84259	0.809193
CERS2	TSS21617	chr1:15093764-	41.3112	61.0045
ALKBH8	TSS29520	chr11:1073734-	1.44318	3.31162
SRBD1	TSS1336	chr2:45615818-	1.34751	3.13807
IPO13	TSS23420	chr1:44412477-	3.43464	5.10757
CNST	TSS8713	chr1:24672963-	10.3691	10.6143
LOC100505915	TSS13887	chr16:1518826-	1.95945	0.935947
SRP9	TSS24932	chr1:22596551-	38.5907	80.3922
CACNB1	TSS8982	chr17:3732970-	0.934696	1.16816
OIP5-AS1	TSS14659	chr15:4157620-	17.7151	15.5141
6-Sep	TSS17407	chrX:11874968-	35.3024	42.938
ETFB	TSS15900,TSS	chr19:5184840-	15.2394	44.7069
COPB1	TSS14502,TSS	chr11:1447904-	32.4657	44.8699
FAM160A2	TSS24572	chr11:6232563-	5.36683	4.69812
UMAD1	TSS6905	chr7:7680266-	3.65032	3.92692
UBAP2L	TSS29842,TSS	chr1:15419264-	27.6405	59.2916
TRIM4	TSS25751	chr7:99488029-	5.52228	5.15225
KPNA3	TSS1342	chr13:5027344-	10.1059	21.4189
ZNF497	TSS14339	chr19:5886572-	1.62326	1.12888
WRAP53	TSS21233,TSS	chr17:7589388-	3.48561	10.8067
MED25	TSS814	chr19:5032153-	14.3579	15.8342
CASP9	TSS17780,TSS	chr1:15817895-	5.2564	4.38841
HSD17B10	TSS4227	chrX:53458205-	26.2734	119.137
AP1B1P1	TSS27169	chr22:3251796-	1.04132	2.17098
ERGIC2	TSS31584	chr12:2949357-	9.26795	19.6773
F8A1	TSS5095	chrX:15461174-	5.88711	7.37334
STRA13	TSS32206	chr17:7997657-	10.1492	48.919
SMAP1	TSS1497,TSS2	chr6:71377473-	5.67012	11.5466
NUB1	TSS6670	chr7:15103884-	25.4585	24.6162
F8A1	TSS7465	chrX:15468657-	5.87709	7.36059
TMEM265	TSS6363	chr16:3075151-	5.47724	4.42507
TMEM131	TSS4568	chr2:98372800-	13.5962	10.4415
BBS2	TSS24785	chr16:5651825-	8.96112	3.70636
COG2	TSS1531	chr1:23077820-	8.00871	13.7959
ZNF337	TSS18772,TSS	chr20:2565383-	6.96994	5.29369
NGLY1	TSS12571,TSS	chr3:25760434-	21.0586	23.2339
ZKSCAN2	TSS22706	chr16:2524732-	1.00656	1.75707
DET1	TSS7354	chr15:8905571-	1.47479	1.63183
SNRNP40	TSS32148	chr1:31732414-	17.4707	41.1133
VAR52	TSS17148,TSS	chr6:30881984-	6.26134	14.4169
BOLA2B	TSS9240	chr16:3020425-	9.24607	62.1599
EXOSC1	TSS7849	chr10:9919566-	10.1308	27.1732

FLCN	TSS8403	chr17:17115520-	17.1344	13.4
ZNHIT6	TSS13204	chr1:86115105-	2.37164	10.3531
PIGF	TSS19866	chr2:46808412-	10.8716	10.394
OPA1	TSS5811	chr3:19331093-	9.21041	15.2189
IKBKQ	TSS21270,TSS	chrX:15377045-	10.218	21.7365
SFPQ	TSS14852	chr1:35649200-	69.7699	122.69
TMEM160	TSS23766	chr19:47549160-	1.02376	11.1833
PXN-AS1	TSS27792	chr12:12063900-	2.05759	4.1183
ZNF584	TSS2292	chr19:58920060-	2.01248	3.74912
NDUFV3	TSS26641	chr21:44313370-	1.93234	15.125
ARPC1A	TSS28928	chr7:98923495-	5.09356	18.1336
MTRR	TSS21112	chr5:78692160-	6.99514	13.7004
POLR2H	TSS12279,TSS	chr3:18407950-	12.1539	48.3592
GUSBP9	TSS26660	chr5:70516052-	6.52332	5.29029
ACTR5	TSS860	chr20:37377090-	7.21205	7.91505
MORC2	TSS26274	chr22:31322590-	8.16581	14.8548
PRPF19	TSS3621	chr11:60658010-	23.6719	116.17
EIF3M	TSS21966	chr11:32605310-	57.0665	140.644
C22orf46	TSS31898	chr22:42086540-	2.44536	2.44269
CCNY	TSS25869,TSS	chr10:35535900-	10.3107	14.5661
EIF3I	TSS19351	chr1:32687970-	48.9163	211.23
ZMPSTE24	TSS31976	chr1:40723721-	10.9344	19.1526
PCNXL4	TSS2319	chr14:60558620-	5.9574	5.0908
CCDC25	TSS30665	chr8:27590832-	4.43119	8.58558
GABARAP	TSS1782	chr17:7143737-	146.562	139.661
RPS23	TSS2807	chr5:81569138-	158.757	212.814
PNPLA2	TSS14220	chr11:8189000-	37.7443	22.7495
LOC100288162	TSS17394	chr16:18436580-	4.18211	6.52218
DAZAP1	TSS4017	chr19:1407567-	34.358	93.5201
LRRC37B	TSS30627	chr17:30348150-	3.51087	1.8056
GUSBP3	TSS13073	chr5:69515015-	1.93486	1.23243
ZNF169	TSS8051	chr9:97021547-	3.0416	1.10906
NBPF25P	TSS11313,TSS	chr1:145289760-	12.599	6.68624
ATP5L2	TSS9769	chr22:43035800-	0.5437	0.329024
LINC01560	TSS46	chrX:47342114-	1.36879	0.766376
MRFAP1L1	TSS33037	chr4:67094280-	28.4386	37.2662
BAZ1A	TSS11393	chr14:35221930-	12.1538	22.0892
CRTC1	TSS9938	chr19:18794420-	3.3161	1.46626
DOLK	TSS22722	chr9:131707800-	1.92356	4.10393
METTL5	TSS28435	chr2:170668260-	16.897	65.3467
CASP8AP2	TSS8732	chr6:90539618-	5.98408	3.15898
CARF	TSS10589	chr2:203776940-	1.37122	0.598439
PEX1	TSS30623	chr7:92116336-	6.83484	5.4734
PPP1R16A	TSS32535	chr8:145722100-	2.63124	6.96075
ABHD17B	TSS847	chr9:74477367-	8.54557	5.97396
COPG1	TSS5563	chr3:128968450-	13.9248	26.7951
STAMBP	TSS21291,TSS	chr2:74056042-	3.40506	5.31408
NCK1-AS1	TSS12018	chr3:136560810-	4.98063	1.8508
MYCBP	TSS5997	chr1:39328161-	4.1518	13.8765
UQCRH	TSS991	chr1:46769284-	117.121	249.757
NACA2	TSS14722	chr17:59667790-	6.87318	8.92324
EIF4A3	TSS4126	chr17:78109010-	31.9799	72.8652
PANK3	TSS31098	chr5:167982620-	9.36069	12.2964
RPS6	TSS17442	chr9:19376253-	1385.75	2097.65
LETM1	TSS24575	chr4:18132050-	4.82206	22.6128

TBC1D5	TSS16389,TSS	chr3:17198653-	5.81502	8.46974
EIF4E	TSS2347,TSS3	chr4:99799606-	5.57105	15.5402
KIAA1109	TSS21037	chr4:12309175-	6.75192	3.63668
TBL3	TSS22565	chr16:2022063-	4.96388	33.3485
KIAA0319L	TSS9889	chr1:35899090-	4.80381	4.16775
XRN2	TSS20592	chr20:2128394-	16.8008	31.1649
UQCRC1	TSS10677	chr3:48636431-	20.5802	74.0033
TWISTNB	TSS1284	chr7:19735084-	4.21943	14.8647
FOPNL	TSS18219	chr16:15959575-	11.4353	18.3042
SOCS4	TSS17365	chr14:5549384-	5.97549	6.93881
FAM20B	TSS1675	chr1:17899507-	6.94772	10.253
LINC00909	TSS16589	chr18:7225900-	4.43748	4.52761
PRKRIR	TSS9441	chr11:7606100-	12.2024	16.8309
POMK	TSS29118	chr8:42948648-	1.99188	2.2704
GTF2IP20	TSS24731	chr1:22413896-	4.39299	2.34402
NDUFA9	TSS15278	chr12:4758263-	12.7365	44.3905
BMPR2	TSS1542	chr2:20324104-	6.08822	2.69006
CYC1	TSS32805	chr8:14514993-	25.6192	115.015
TMEM64	TSS6858	chr8:91634222-	5.7179	9.30701
AP5Z1	TSS14445	chr7:4815261-	9.72216	11.9001
DHX9	TSS4133	chr1:18280843-	39.1091	62.5585
COMMD7	TSS9375	chr20:3129049-	8.22155	15.074
ZNF248	TSS25738,TSS	chr10:3806545-	2.59148	2.4427
DCUN1D1	TSS28679,TSS	chr3:18265594-	3.43418	4.43927
TMEM44-AS1	TSS22283	chr3:19430499-	0.791799	1.22714
RNF170	TSS19345	chr8:42704779-	1.98029	2.08367
SF3B3	TSS27945	chr16:7055769-	10.0518	31.6133
PHF10	TSS21317	chr6:17010400-	19.2064	12.6058
TMEM86B	TSS27661	chr19:5573800-	2.10503	2.28262
SLC30A9	TSS30557	chr4:41992522-	8.74921	12.1337
AARS2	TSS30072	chr6:44266462-	3.94789	6.77468
HINT3	TSS4168	chr6:12627786-	3.46546	6.81153
SLC25A11	TSS17969	chr17:4840425-	8.13336	23.5541
CAMK2G	TSS31623	chr10:7557225-	5.69795	4.80784
ACTB	TSS34091	chr7:5566778-	728.405	2502.39
METTL15	TSS26224	chr11:2812979-	0.625742	2.87259
ORC3	TSS26687	chr6:88299784-	5.45797	7.72576
SSR2	TSS18976	chr1:15597883-	59.7793	71.0221
MDN1	TSS22377	chr6:90352493-	5.31138	11.5174
EYA3	TSS6043	chr1:28296854-	5.62924	8.11767
CHCHD2	TSS34072	chr7:56169265-	61.3923	200.783
TMEM186	TSS2388	chr16:8889036-	2.86292	13.6617
WDR75	TSS32261	chr2:19030615-	9.99758	33.4868
TMEM209	TSS22427	chr7:12980455-	7.72275	8.81929
PSMA7	TSS9787	chr20:6071178-	159.678	312.003
NDUFAF5	TSS24193	chr20:1376567-	2.56899	4.0081
METAP1	TSS8364	chr4:99916787-	11.691	30.8342
ASB16	TSS11274	chr17:4224807-	0.562893	0.999582
DDX26B	TSS11971	chrX:13465455-	7.6091	3.80445
TERF2	TSS13854	chr16:6938946-	9.11925	12.6747
TSSK3	TSS1779	chr1:32827861-	2.35949	1.71591
TADA2B	TSS5139	chr4:7045155-	8.70459	7.93529
DDX59	TSS18890	chr1:20061316-	7.6864	8.21511
TMEM242	TSS9818	chr6:15771005-	2.54514	2.88526
AK9	TSS19483	chr6:10981405-	1.3378	1.0388

RPSA	TSS30640	chr3:39448179-	225.74	362.495
WDR45B	TSS30393	chr17:8057243-	11.9374	19.6776
TRUB2	TSS12331	chr9:13107139-	11.1395	36.5962
KIAA1919	TSS27476	chr6:11158048-	1.48935	2.58071
LOC220729	TSS13244	chr3:19734089-	6.58282	5.26258
SLC23A2	TSS245,TSS28	chr20:4833001-	6.90599	6.4982
C1orf131	TSS17581	chr1:23135950-	6.05155	12.6447
CAPN15	TSS21695	chr16:577855-	4.73671	14.2399
IFFO1	TSS21338	chr12:6648693-	7.04557	3.50788
ATP6AP1	TSS25021	chrX:15365697-	16.2161	19.8669
DHRS12	TSS12808	chr13:5234212-	4.2875	5.19186
AHCYL1	TSS26562,TSS	chr1:11052738-	20.5595	19.8825
ZNF707	TSS23233	chr8:14476662-	10.1775	7.99761
XPNPEP3	TSS33925	chr22:4125308-	1.92648	4.29824
ELP2	TSS20306	chr18:3370983-	13.1406	22.2921
DNAJB11	TSS32798	chr3:18628846-	19.2259	49.5555
NAA10	TSS7091	chrX:15319527-	17.4671	83.4538
DNM1L	TSS29945	chr12:3283213-	10.9316	18.8444
SRGAP2B	TSS25235	chr1:12110715-	3.93136	1.78811
RAP2C	TSS24543,TSS	chrX:13133705-	12.8235	14.299
CDK5RAP2	TSS2021	chr9:12315114-	7.74727	6.72384
PWP2	TSS5539	chr21:4552720-	7.80405	29.6303
SLC30A6	TSS23172	chr2:32390909-	6.44967	6.8466
ZNF845	TSS17822	chr19:5383700-	4.21486	4.00864
LRBA	TSS25456,TSS	chr4:15118581-	5.09036	7.31868
BBS4	TSS19495	chr15:7297851-	1.8981	2.81947
SLC25A3	TSS15658	chr12:9898740-	90.6981	234.13
TRMT1L	TSS17523,TSS	chr1:18508721-	6.43805	5.29653
RMDN1	TSS9419	chr8:87484577-	3.36735	6.65657
LIMK1	TSS1608,TSS3	chr7:73498106-	6.43344	18.7853
FTSJ2	TSS31702	chr7:2273925-	9.76546	31.2446
MPLKIP	TSS3935	chr7:40172341-	16.2547	38.6975
TOM1L2	TSS22827	chr17:1774682-	2.39484	2.00297
NFRKB	TSS14384,TSS	chr11:1297336-	6.24023	6.04493
TTC5	TSS23415	chr14:2075730-	3.41204	7.18623
TMEM39A	TSS4333	chr3:11914780-	3.13579	4.64556
SMC6	TSS34106	chr2:17845078-	13.6282	24.8734
CAAP1	TSS30776	chr9:26840682-	3.06976	9.1608
CAND1	TSS17355	chr12:6766306-	17.8871	28.8442
PSMA2	TSS1140	chr7:42956461-	49.8262	121.257
DZANK1	TSS5164	chr20:1836401-	1.52599	0.735804
ZNF224	TSS17527	chr19:4459848-	9.30676	4.78041
AP1M2	TSS18074	chr19:1068334-	0.221385	0.234315
EEF1A1	TSS6342	chr6:74225472-	1437.16	1908.29
MTG1	TSS2519	chr10:1352076-	5.76058	20.2555
ARL17A	TSS31885,TSS	chr17:4510895-	1.62103	1.10468
DYNLL1	TSS14257,TSS	chr12:1209076-	61.0282	187.844
LRRC37BP1	TSS9881	chr17:2890348-	4.24533	2.81644
APAF1	TSS20423	chr12:9903907-	5.83896	3.61587
TAS2R14	TSS21908	chr12:1109085-	0.794031	0.697921
PREPL	TSS10568,TSS	chr2:44544747-	6.0583	8.38273
UMPS	TSS3349	chr3:12444921-	4.02573	9.08462
UROS	TSS26396	chr10:1274771-	4.00231	16.6944
TLDC1	TSS10032	chr16:8450996-	1.23432	1.39302
1-Sep	TSS14880	chr16:3038945-	38.6229	55.7114

DNAJC2	TSS15218	chr7:102952920	20.8129	41.5734
RBM28	TSS428	chr7:127950430	6.81366	19.4261
ZNF664	TSS14866	chr12:12445770	11.4534	19.8111
PSMG2	TSS12224,TSS	chr18:12658730	29.1713	51.3936
CEBPG	TSS21420,TSS	chr19:33864570	19.3687	14.3473
NHLRC2	TSS30556	chr10:11561430	3.00062	3.20298
TSC22D4	TSS33347	chr7:100064140	19.2982	20.1665
MRPL47	TSS25874	chr3:179306250	21.472	48.8055
EIF3H	TSS31609	chr8:117657050	142.057	206.063
CHORDC1	TSS29451	chr11:89933590	16.5954	26.2362
CRACR2A	TSS21929	chr12:37244930	2.32484	6.90145
SRP68	TSS25856,TSS	chr17:74034850	17.1081	35.6814
PHC3	TSS28297	chr3:169805360	13.0074	9.8605
SERF1B	TSS17213	chr5:701964950	5.83263	10.7394
HDAC10	TSS22039	chr22:50683610	5.8351	4.43237
SECISBP2L	TSS22254	chr15:49280830	16.9842	8.16066
SMPD2	TSS25645	chr6:109761930	5.50211	7.22909
SHQ1	TSS30222	chr3:727984270	3.24979	10.6991
FBXL20	TSS32832	chr17:37408890	4.34009	2.09089
RSC1A1	TSS19150	chr1:159863630	6.08322	7.3813
LSM7	TSS3035	chr19:23215190	92.746	250.872
C7orf50	TSS22967	chr7:10366220	46.7163	77.6133
PGGT1B	TSS30816	chr5:114546520	8.51108	6.9651
DUS2	TSS28731	chr16:68056840	9.63944	15.0008
FAM134C	TSS20321	chr17:40731520	22.8027	13.9101
ANAPC15	TSS13236,TSS	chr11:71820630	9.63443	20.4766
C1GALT1C1	TSS12265	chrX:119759520	4.82042	9.17954
ARFIP2	TSS17611	chr11:64959120	5.15323	11.8038
SRSF10	TSS34158	chr1:242908360	19.4987	23.5158
INTS3	TSS29478	chr1:153700560	6.77793	14.8768
LCMT2	TSS13673	chr15:43619970	3.164	5.47401
ZNF749	TSS28227	chr19:57946690	2.02251	4.50724
BCS1L	TSS13240	chr2:219524370	7.42699	21.4975
PTPN11	TSS29207	chr12:11285650	10.9808	18.942
FAF2	TSS22995	chr5:175875350	8.19837	13.5097
SBF1P1	TSS14509	chr8:563617560	0.296246	0.216154
ODF2	TSS16189,TSS	chr9:131217430	6.82253	12.7195
SEC31A	TSS12470,TSS	chr4:837398130	16.1062	26.113
MRPL14	TSS30631	chr6:440813720	15.2323	80.5208
PRELID1	TSS34027	chr5:176730760	14.7927	67.9238
NDRG3	TSS32800	chr20:35280160	6.87268	6.35932
RPS18P9	TSS10626	chr6:149914750	63.6218	79.7426
MANBAL	TSS6158	chr20:35918050	5.5539	10.0269
TRIM37	TSS25146	chr17:57059990	2.19085	3.41563
GSTO1	TSS31953,TSS	chr10:10601390	29.7867	69.2639
UGP2	TSS26039,TSS	chr2:640680970	14.7016	28.7666
PUS10	TSS14171	chr2:611675470	1.7166	2.26752
VKORC1	TSS8264	chr16:31102170	19.0596	24.3334
MPG	TSS20049,TSS	chr16:12701700	32.7758	53.2646
GTF3C1	TSS13807	chr16:27471930	6.8205	10.5095
UHRF2	TSS26110	chr9:64131500	35.4758	14.707
POTEI	TSS8894	chr2:131220380	0.880213	4.00293
UBE2D4	TSS32236	chr7:439660340	1.97503	4.29295
MLST8	TSS11726,TSS	chr16:22551770	10.0194	41.9961
FRG1B	TSS31457	chr20:29611870	11.2571	9.03352



PGM5P2	TSS32483	chr9:69080243-	0.229734	0.316864
LOC727896	TSS14863	chr18:2943212-	0.505794	2.37339
NOL10	TSS15908	chr2:10710891-	4.126	17.4961
GPALPP1	TSS964	chr13:45563686-	9.0492	9.06046
OTUD3	TSS22599	chr1:20208887-	3.44877	2.69408
SLC25A42	TSS3224	chr19:19174802-	4.38124	2.80878
PLCD4	TSS24230	chr2:219472487-	0	0.462501
TBRG4	TSS18553	chr7:45139698-	12.6091	44.7276
SUZ12	TSS7342	chr17:30264042-	11.8234	14.1652
KDSR	TSS29505	chr18:60994970-	5.08004	5.24276
RHOT1	TSS26742	chr17:30469472-	2.94326	4.68664
RBM15	TSS25415	chr1:110881942-	7.33383	10.6182
D2HGDH	TSS31173	chr2:242673992-	2.31467	6.97093
CSK	TSS28526	chr15:75074422-	56.3154	182.761
HSD11B1L	TSS15617	chr19:5680775-	0.828983	1.23708
SRR	TSS10091	chr17:2207236-	4.31102	3.91012
TCEANC	TSS19777,TSS	chrX:13671224-	3.2244	0.752785
C22orf23	TSS30674,TSS	chr22:38339056-	2.1746	1.88481
RPS25	TSS16947	chr11:11888642-	824.625	1209.94
ZNF354A	TSS30806	chr5:178138527-	5.20577	6.24881
IDE	TSS23498,TSS	chr10:94211440-	8.06367	10.3829
RANGAP1	TSS16969,TSS	chr22:41640780-	14.0468	38.9147
ABHD2	TSS17902	chr15:89631380-	4.07966	5.67589
KCTD9	TSS19551	chr8:25285363-	3.59443	3.5005
HSPBP1	TSS29709,TSS	chr19:55773589-	7.75426	37.5301
SERF1B	TSS7850	chr5:69321077-	5.50474	10.4383
WDR37	TSS11027	chr10:1102775-	7.58974	5.44539
PPP1R18	TSS24621,TSS	chr6:30644165-	37.6317	25.4491
C16orf13	TSS25161	chr16:6844266-	6.55655	30.9319
JARID2	TSS15822,TSS	chr6:15246205-	8.20794	5.22246
KLHL9	TSS2243	chr9:21331017-	7.55262	8.71073
ATP6V1A	TSS27731	chr3:113465862-	19.3388	19.4535
SGTA	TSS29663	chr19:2754711-	15.3698	49.6083
TMEM206	TSS17217,TSS	chr1:212537812-	3.72698	5.64669
SF3B6	TSS29053	chr2:24290453-	47.7164	137.742
AAAS	TSS30421	chr12:53701239-	6.53913	22.094
CISD2	TSS26573	chr4:103790132-	4.11399	4.04578
SSR1	TSS14148	chr6:72813757-	7.22023	10.4117
ARPC5	TSS25336	chr1:183595327-	66.3652	81.4308
BLOC1S6	TSS20152	chr15:45879416-	22.3698	21.404
FAM156A	TSS13707,TSS	chrX:52976463-	0.264412	4.49053
MGA	TSS15038	chr15:41952609-	8.24037	6.6689
BRD2	TSS1127,TSS1	chr6:32936436-	117.069	88.4189
PPP2R1B	TSS6027	chr11:11159762-	6.70467	12.9594
GPR137	TSS18189,TSS	chr11:64051810-	8.27281	9.17118
CDC42SE2	TSS15625	chr5:130599707-	53.9562	39.6776
C12orf4	TSS25535	chr12:4596895-	3.65667	3.826
EXD3	TSS16868	chr9:140201342-	1.58259	1.99147
DDX50	TSS19522	chr10:70661032-	8.99885	12.8452
TIMM44	TSS5252	chr19:7991602-	15.0993	43.1475
MDP1	TSS28456	chr14:24683142-	2.63761	8.91893
LOC341056	TSS8860	chr11:12288827-	0.584163	0.475275
COQ6	TSS20259,TSS	chr14:74416636-	4.40561	6.95824
PPP5C	TSS30959	chr19:46850250-	8.87609	38.6288
RALGAPA1	TSS25094	chr14:36007557-	2.7956	1.75388

EIF4A1	TSS21526	chr17:7476023-	42.9277	271.253
MTERF3	TSS7680	chr8:97251625-	2.90417	11.4732
SMIM11	TSS9720	chr21:35747748-	6.13777	26.7149
PSMD2	TSS22266,TSS	chr3:184016885-	39.5094	70.6112
ENOPH1	TSS17506	chr4:83351632-	6.61097	16.7629
TSPAN31	TSS13603	chr12:58138785-	9.58956	11.2581
PPIAL4A	TSS13495	chr1:149553002-	0.0134788	0.445712
SMYD5	TSS5236	chr2:73441365-	4.44652	19.9156
GORASP1	TSS23769,TSS	chr3:39138089-	8.20554	7.16513
MAP2K3	TSS28845,TSS	chr17:21187967-	29.7566	26.9629
PGAP3	TSS21085	chr17:37827374-	2.86459	3.30473
PIP4K2A	TSS5369	chr10:22823765-	27.7472	27.6266
CSTF3	TSS14955	chr11:33106129-	17.6564	21.0037
CAPNS1	TSS20185,TSS	chr19:36630827-	75.2295	115.058
CTBP1-AS2	TSS12440	chr4:12432271-	2.23301	4.50064
ZSWIM1	TSS2760	chr20:44509847-	4.59832	4.82237
C21orf33	TSS18780	chr21:45553495-	11.0587	22.0394
TVP23B	TSS18978	chr17:18684587-	7.58378	11.3777
INTS6-AS1	TSS7749	chr13:52027480-	1.47789	0.70383
SPAG7	TSS18212	chr17:4862520-	18.6465	35.7064
JMJD1C	TSS23789,TSS	chr10:64926980-	38.69	16.481
CMC2	TSS10671	chr16:81009698-	5.21005	39.492
DEPDC5	TSS205,TSS27	chr22:32149930-	6.96067	4.91103
SMA4	TSS1625,TSS2	chr5:69423288-	6.14703	4.28194
HMGXB4	TSS13933	chr22:35653444-	4.44075	5.42958
NAPEPLD	TSS25861	chr7:102740022-	2.50494	2.76405
ALG6	TSS30821	chr1:63833260-	1.71754	3.98499
C20orf24	TSS31744	chr20:35234130-	22.4393	66.2074
SCRIB	TSS20464	chr8:144873089-	6.26731	21.8751
SETD8	TSS24478	chr12:12386870-	7.63886	8.23986
GNPDA2	TSS12607	chr4:44703811-	7.85465	8.4553
PPP2R2A	TSS14906,TSS	chr8:26149006-	12.4144	15.4827
FOXO3B	TSS32122	chr17:18569235-	1.51093	1.27659
MTMR6	TSS27112	chr13:25820340-	7.36047	9.13535
TFAM	TSS24454	chr10:60144902-	6.51173	22.3028
PGBD4	TSS25756	chr15:34394275-	1.9573	1.47049
HERC1	TSS6683	chr15:63900810-	10.1237	6.23772
CTAGE11P	TSS26002	chr13:75811888-	0.42866	0.174053
PML	TSS6129	chr15:74287015-	10.3419	11.8195
KIF9	TSS8721	chr3:47269515-	0.236628	0.716398
TRIM38	TSS21007	chr6:25962916-	27.4991	17.2435
LHX4-AS1	TSS26519	chr1:180238797-	0.987754	1.45812
TCHP	TSS1252,TSS1	chr12:11033807-	2.97469	6.3131
ALDH9A1	TSS26463	chr1:165631448-	14.5417	17.3606
LCLAT1	TSS1515	chr2:30670091-	0.889882	3.49594
PMM2	TSS12797	chr16:8891669-	7.06668	30.8042
PSMB4	TSS13357	chr1:151372040-	162.403	309.128
CHRNA1	TSS25780	chr17:7348405-	1.65273	1.20853
LOC102724814	TSS28257	chr14:24030305-	2.91542	2.99235
ATF4	TSS12684,TSS	chr22:39916565-	181.526	239.575
MBLAC1	TSS9792	chr7:99724319-	0.312883	1.74529
CLEC2D	TSS27451	chr12:9822303-	29.6717	27.8887
FERMT3	TSS28376	chr11:63974157-	49.5713	107.407
C2CD2L	TSS31294	chr11:11897805-	1.42683	1.52612
ZNF566	TSS16524,TSS	chr19:36936020-	3.1152	3.32377

PLEKHM3	TSS292	chr2:20868601-	1.25433	1.40889
PARN	TSS18995	chr16:14529556-	7.27787	13.2849
MRPS5	TSS28055	chr2:95752951-	14.0323	30.2178
ABHD14A	TSS3694	chr3:52009041-	1.99255	2.49318
RNMT	TSS29874	chr18:13726658-	10.1666	13.0269
RCL1	TSS30367,TSS	chr9:4792833-4	5.11824	14.8971
PJA1	TSS33018	chrX:68380580-	7.94561	8.84899
ITFG3	TSS28267	chr16:284544-1	4.18804	4.52374
CYB5R1	TSS15530	chr1:202931000-	23.0134	14.5675
TOMM70A	TSS8850	chr3:100082302-	14.1754	30.4994
RPA1	TSS32398	chr17:1733272-	15.8763	23.8986
GZF1	TSS17600	chr20:23345020-	2.58867	4.51463
SET	TSS16576,TSS	chr9:131445930-	50.9554	155.975
USP20	TSS29627	chr9:132597695-	5.36989	5.63369
PEX10	TSS24596	chr1:2336240-2	2.82969	6.06025
TRMT10A	TSS18832,TSS	chr4:100467860-	1.2048	2.97835
MYO19	TSS33161	chr17:34851598-	3.08085	9.91426
ZDHC7	TSS26269	chr16:85008060-	8.82491	12.937
BCAS3	TSS22739	chr17:5875517-	3.26246	1.10692
PIGK	TSS26765	chr1:77554666-	2.05748	2.94756
ICT1	TSS11098	chr17:73008758-	6.87658	39.0143
MIEF2	TSS10415,TSS	chr17:18163847-	2.90666	1.55648
RPL7L1	TSS10606	chr6:42847670-	10.5557	29.5548
KLHL8	TSS10927,TSS	chr4:88081255-	2.75765	6.14071
PGM2	TSS30904	chr4:37828281-	4.33043	12.3574
YTHDF3-AS1	TSS31505	chr8:64080283-	1.05808	0.528114
USP45	TSS474	chr6:99880183-	3.06386	3.40527
MTERF1	TSS6238	chr7:91502190-	5.01824	7.20649
EIF2AK1	TSS9194	chr7:6061877-6	15.7451	19.0098
ATP1B3	TSS32125	chr3:141595469-	17.9232	54.6763
POU2F1	TSS13333,TSS	chr1:167190065-	4.97988	2.78481
DHRX	TSS23281	chrX:2137554-1	0.977073	1.3647
PPAPDC2	TSS2368	chr9:4662293-4	2.96501	2.62806
TAPT1-AS1	TSS3585	chr4:16228285-	16.9534	25.617
UPF3A	TSS16872	chr13:11504705-	10.3851	10.532
ZNF587B	TSS15683	chr19:5834166-	5.00578	10.8027
PEX2	TSS15283,TSS	chr8:77892493-	3.31138	6.47905
PROSER3	TSS10211	chr19:36249040-	1.68418	1.98881
PRKAB2	TSS4718	chr1:146626684-	4.25763	2.75419
POLR1E	TSS14646	chr9:37485931-	11.1384	24.4527
UBA6-AS1	TSS26483	chr4:68566995-	4.31963	2.94939
CCDC88C	TSS12480	chr14:91737660-	7.52066	8.59087
CEP44	TSS18479,TSS	chr4:175204827-	2.06202	3.26191
FIBP	TSS2609	chr11:65651210-	9.02306	38.0075
C9orf3	TSS16067,TSS	chr9:97488950-	0.871596	1.72887
MRPL13	TSS3758	chr8:121408082-	14.1392	46.9612
COQ10A	TSS10974,TSS	chr12:56660647-	6.43967	4.42183
UQCRHL	TSS18659	chr1:16133656-	113.4	255.887
TSEN54	TSS3007	chr17:73512608-	5.0986	17.3834
PATL1	TSS27673	chr11:59404197-	12.3301	13.2897
POMP	TSS687	chr13:29233140-	23.4303	109.621
IRAK1	TSS25138	chrX:153275950-	23.217	67.6406
SNRPG	TSS5882	chr2:70508505-	6.77465	53.7475
NDUFB6	TSS33907	chr9:32553523-	9.66347	49.5392
ACTR8	TSS15850	chr3:53901093-	5.42055	8.43538

KLF13	TSS30725	chr15:31619057	18.8119	23.6613
CDC27	TSS4480	chr17:45195062	5.75758	10.9539
LPCAT3	TSS397	chr12:7085346-	7.92593	7.98565
LINC00476	TSS4431	chr9:98568369-	4.7942	2.25286
RHBDD3	TSS29901	chr22:29655840	10.4375	11.2405
VEGFB	TSS2379	chr11:64002059	26.4364	27.1311
COPS3	TSS10573,TSS	chr17:17149937	17.5324	42.786
SLC7A5P2	TSS20525	chr16:21529229	4.28043	6.07388
GABPB2	TSS22939	chr1:151043079	0.777447	3.41715
PSMC2	TSS15188	chr7:102987970	29.7385	40.5034
ARL1	TSS8959	chr12:10178689	7.07925	12.1773
RPL12	TSS852	chr9:130209952	65.5931	119.33
PROSER1	TSS23606	chr13:39584007	7.51836	14.0723
KTN1	TSS2835	chr14:56046924	39.2967	39.6059
LRP10	TSS32084	chr14:23340959	31.6014	22.7868
ZNF251	TSS26747	chr8:145946290	6.03303	3.57936
AQP11	TSS25022	chr11:77300679	0.461751	0.568837
CHID1	TSS15486,TSS	chr11:867858-9	2.97922	10.8135
RLF	TSS19538	chr1:40627040-	6.19615	4.81057
IFT52	TSS26977	chr20:42219252	4.88641	6.20488
PTDSS2	TSS11803	chr11:450279-4	2.90956	11.4336
TRIM62	TSS31773	chr1:33611002-	3.23402	2.92172
PSME3	TSS16753	chr17:40985158	15.7961	71.8704
FDXACB1	TSS14010	chr11:11174477	1.55198	4.51259
ZNF780A	TSS30783,TSS	chr19:40575058	6.39126	5.36758
AP4M1	TSS581	chr7:99699129-	1.31202	3.47462
POP7	TSS12825	chr7:100303679	11.7081	32.3534
NCOA7	TSS13609,TSS	chr6:126102306	7.14738	4.71137
ERCC8	TSS8502	chr5:60169658-	0.995652	2.01278
PABPC3	TSS15814	chr13:25670279	21.4612	31.4416
ZNF791	TSS16559	chr19:12721737	12.6454	8.9514
FBXO8	TSS31174	chr4:175157809	3.70582	5.89889
HSP90AA1	TSS27257,TSS	chr14:10254707	334.276	503.27
RAB11FIP2	TSS19451	chr10:11976442	3.19741	4.19304
CANX	TSS6290	chr5:179125929	46.3257	106.964
MRPL11	TSS17513	chr11:66202549	9.29053	38.7901
CLK4	TSS21844	chr5:178029664	11.9891	8.99954
TMEM79	TSS17791,TSS	chr1:156252700	2.41822	1.39643
RAE1	TSS10226,TSS	chr20:55926144	11.782	24.9914
NFXL1	TSS19016,TSS	chr4:47849249-	1.71168	2.5215
KLHL36	TSS3860	chr16:84682116	13.5997	7.25807
NMNAT1	TSS17188,TSS	chr1:10002980-	5.03154	2.30137
VDAC2	TSS33028,TSS	chr10:76969917	16.3023	43.4463
ABL2	TSS547,TSS95	chr1:179068467	5.06074	3.75621
LARP1	TSS30457	chr5:154092467	26.0729	68.8429
NEK1	TSS30741	chr4:170314420	2.83178	2.79122
SLC20A2	TSS15999,TSS	chr8:42273979-	3.1104	6.4854
GLRX3	TSS29413	chr10:13193460	14.59	43.1784
ADCK1	TSS25683	chr14:78266429	0.514596	4.69682
PCMTD1	TSS11820	chr8:52730134-	19.4739	7.08829
CACNB2	TSS14692,TSS	chr10:18429609	0.462146	0.560868
NAF1	TSS4040	chr4:164047859	3.26161	11.8355
FAM133CP	TSS13122	chr10:60474774	0.808696	0.553606
PEX11B	TSS14284,TSS	chr1:145516164	8.34472	15.6145
TMEM126A	TSS30606	chr11:85358962	9.91717	51.202

UQCRC2	TSS27545	chr16:21964384	26.6133	64.9247
STK17A	TSS9820	chr7:43622691-	27.2348	19.927
ELMSAN1	TSS21975,TSS	chr14:74181824	12.9831	9.6536
DCUN1D2	TSS1463	chr13:11411010	6.0595	3.2939
GDI2	TSS28937	chr10:5807185-	67.321	134.42
TVP23C	TSS12707	chr17:15405571	2.60765	3.39266
DDX39A	TSS27949	chr19:14519609	59.6617	155.393
DPP3	TSS30710	chr11:66247480	7.1125	21.8338
NCOR2	TSS408	chr12:12480895	6.80633	13.6703
MAFK	TSS17094	chr7:15703671-	11.1674	26.0108
POLR1C	TSS9225	chr6:43484776-	14.6739	46.9966
MRPL30	TSS14395	chr2:99797541-	4.34191	10.8855
PDZD11	TSS6974	chrX:69506210-	2.43304	7.06364
COPB2	TSS33243	chr3:139076430	22.4305	44.8414
REPIN1	TSS23461,TSS	chr7:150065878	26.6159	45.681
PPP5D1	TSS25340	chr19:46984044	0.54423	5.63337
CENPB	TSS33402	chr20:3764497-	11.0195	19.6198
BAZ1B	TSS13810	chr7:72854727-	13.8967	20.3125
FOXN3	TSS17943,TSS	chr14:89622515	6.57568	8.11242
PPIAL4C	TSS19429	chr1:147954634	0.0134788	0.44847
WDR89	TSS17070	chr14:64063756	2.81266	8.04751
STK26	TSS26200,TSS	chrX:13115724-	14.0973	33.0846
LOC143666	TSS25999	chr11:5738071-	0.0872483	0.118235
GOLGB1	TSS16197	chr3:121382045	17.1551	8.29194
TTC33	TSS23865	chr5:40711677-	3.50046	3.09407
HDHD3	TSS12500,TSS	chr9:116135695	5.6251	5.64492
TMEM181	TSS26340	chr6:158957461	2.83002	4.18572
CSNK1E	TSS29893,TSS	chr22:38686696	21.4316	15.1676
FNIP1	TSS9952	chr5:130977406	10.7637	7.48415
RNPEPL1	TSS14841	chr2:241508000	20.749	16.6788
EIF3A	TSS18587	chr10:12079454	41.8133	84.4388
MEN1	TSS10556,TSS	chr11:64570985	7.84643	23.0565
TTLL11	TSS18344	chr9:124584200	0.0904168	1.09733
TRAPPC6B	TSS19610	chr14:39617014	6.70373	7.31355
WDR25	TSS27707,TSS	chr14:10084275	0.925008	2.53206
SH3BGRL	TSS10569	chrX:80457302-	29.9808	37.6955
BCAP31	TSS18826,TSS	chrX:152965940	62.7804	68.9727
ZSCAN30	TSS34041	chr18:32831021	3.75482	2.66401
MED8	TSS20100	chr1:43849578-	9.67702	14.1909
EBLN2	TSS16981	chr3:73110809-	1.33817	0.712631
CDK16	TSS30255,TSS	chrX:47077527-	6.28758	9.24894
TRAPPC10	TSS376	chr21:45432205	16.6054	13.2204
CROT	TSS31575	chr7:86974950-	2.4841	2.72051
PDK3	TSS8939	chrX:24483343-	2.71099	4.61198
CNTRL	TSS29796	chr9:123850570	13.1759	11.153
ZNF304	TSS7626	chr19:57862641	4.81434	3.85326
EXOC6	TSS19372,TSS	chr10:94594469	3.58585	4.65944
ATXN2	TSS32896,TSS	chr12:11189001	5.07484	5.51084
GTF2H5	TSS17207	chr6:158589378	1.0653	1.96596
TNK2	TSS10036,TSS	chr3:195590234	17.256	8.27555
DOCK8	TSS22917,TSS	chr9:21486446	24.294	17.7153
ZNF852	TSS30937	chr3:44540461-	5.65766	2.41978
ASB16-AS1	TSS9259	chr17:42253341	5.77611	1.47469
MGEA5	TSS14240	chr10:10354419	75.804	41.2263
ZMIZ2	TSS17530,TSS	chr7:44788164-	11.4019	23.6564

NCBP1	TSS7694	chr9:10039570-	4.95072	14.272
PTGES2	TSS18020,TSS	chr9:13088297-	9.02108	52.4611
ATL2	TSS29740,TSS	chr2:38521098-	11.0583	15.0133
MIB2	TSS13626,TSS	chr1:1550794-	3.18878	5.10988
CLUAP1	TSS11598,TSS	chr16:3550944-	0.74013	1.66282
FTO	TSS445	chr16:5373787-	2.98157	6.11694
ZBTB43	TSS32425	chr9:12956728-	4.02846	3.77176
ERC1	TSS19748,TSS	chr12:1100373-	4.41181	4.40939
MAP3K14-AS1	TSS10122,TSS	chr17:4332529-	0.777615	0.692608
ERAL1	TSS25998	chr17:2718204-	7.86851	32.7586
CCDC43	TSS7797	chr17:4275480-	6.55598	13.2811
PARK7	TSS21327	chr1:8021713-	72.0299	281.291
ELAC2	TSS20796	chr17:1289492-	9.74317	31.314
ZNF688	TSS785	chr16:3058101-	4.45825	2.72016
TIMM50	TSS221	chr19:3997105-	8.79078	37.2273
LRP5L	TSS23997,TSS	chr22:2574738-	2.98688	1.97622
FAM96B	TSS23901	chr16:6696595-	26.0426	84.6122
CEP19	TSS3700	chr3:19643314-	3.2159	1.57023
DPY19L3	TSS11809,TSS	chr19:3289665-	2.45801	3.06065
PPIAL4C	TSS9523	chr1:14436346-	0.0134788	0.433899
LOC100190986	TSS33658	chr16:2144334-	44.6555	47.7211
PIGN	TSS1639	chr18:5971145-	3.35807	3.75167
HSPA9	TSS19843	chr5:13789057-	37.6017	118.495
LIMD2	TSS27923	chr17:6177324-	61.3339	36.2267
MSANTD3	TSS10210,TSS	chr9:10318949-	6.34026	5.34426
FBL	TSS2173	chr19:4032509-	82.3068	303.92
TSSK4	TSS18923,TSS	chr14:2467485-	2.53977	1.62982
ACBD3	TSS9883	chr1:22633237-	18.3298	17.9734
UNC119B	TSS14199	chr12:1211482-	4.07372	6.94265
TMEM19	TSS10179	chr12:7207987-	8.70789	6.95461
USP22	TSS23090	chr17:2090290-	35.2418	38.1816
CLIC1	TSS18985,TSS	chr6:31698357-	91.5702	154.345
PIP5K1A	TSS7557	chr1:15117102-	9.08165	16.0056
CCHCR1	TSS28439,TSS	chr6:31110215-	7.07284	6.96375
KIF21B	TSS9078	chr1:20093851-	13.7518	10.0772
BTF3L4	TSS32139	chr1:52521856-	3.51042	6.6318
FAM217B	TSS26322,TSS	chr20:5850881-	3.16103	5.71816
CCDC157	TSS13302	chr22:3075262-	0.243168	0.303305
FKBP6	TSS18598,TSS	chr7:72742154-	0.366909	0.469892
GPAA1	TSS31247	chr8:14513752-	8.29268	16.9716
TADA2A	TSS26983,TSS	chr17:3576697-	4.49497	6.55233
FASTKD3	TSS31840	chr5:7859271-	2.25868	7.85352
ZNF286B	TSS8231	chr17:1856174-	1.30391	1.5631
C9orf156	TSS29813	chr9:10066677-	13.2779	10.318
LYRM5	TSS24145	chr12:2534814-	4.60579	7.08965
EVI5L	TSS3265,TSS4	chr19:7895160-	1.93244	2.5192
TRMT10C	TSS15572	chr3:10128067-	11.3516	44.0164
DUSP11	TSS15323	chr2:73989324-	18.942	19.9952
ZFYVE21	TSS17047	chr14:1041820-	3.40271	4.0926
YRDC	TSS16970	chr1:38268613-	4.6597	31.2705
DIMT1	TSS11452	chr5:61684350-	6.02666	36.0958
NR1H3	TSS11250,TSS	chr11:4726985-	0.839065	2.07284
MZT2B	TSS18108	chr2:13093950-	22.2409	61.5196
FBRSL1	TSS29420	chr12:1330671-	5.00683	10.3329
NUDC	TSS4124	chr1:27248212-	14.7586	59.3592

SPATA33	TSS27791,TSS	chr16:8972415-	1.78054	1.90704
ATAT1	TSS25761,TSS	chr6:30594612-	0.936206	3.24516
TAB3	TSS10361	chrX:30845558-	5.58022	5.32675
EEF2	TSS21058	chr19:3976053-	836.052	1071.36
RABGGTB	TSS18876	chr1:76251878-	32.0207	68.5246
SMG1P7	TSS33707	chr16:7025348-	2.41558	1.91454
DGKE	TSS7753	chr17:5491145-	2.81951	3.59502
EMG1	TSS6790	chr12:7079943-	23.1601	71.8057
P4HB	TSS32341	chr17:7980103-	37.3666	92.9231
ZNF184	TSS13665	chr6:27418520-	2.49989	3.30952
RPL17	TSS15629,TSS	chr18:4701485-	55.9479	86.2292
C21orf59	TSS27418,TSS	chr21:3397398-	8.40109	28.8812
DIS3	TSS12501	chr13:7332953-	6.83704	11.9289
TTC37	TSS29713	chr5:94799598-	6.97273	12.6591
AGL	TSS10735,TSS	chr1:10031563-	3.62154	7.08938
MAPRE1	TSS16499	chr20:3140769-	29.1884	65.7612
FKBP3	TSS23517	chr14:4558480-	15.9747	34.6453
PPIH	TSS30602	chr1:43124047-	12.5457	72.6972
NPRL3	TSS8070	chr16:135803-	3.00743	14.6421
AGA	TSS28211	chr4:17835192-	8.87865	7.02275
ZNF460	TSS27409	chr19:5779185-	5.61611	4.67978
DAD1	TSS2726	chr14:2303380-	67.4101	128.872
TICAM1	TSS13667	chr19:4815935-	6.18369	7.42714
PFN1P2	TSS16444	chr1:14461081-	1.42372	1.75676
C7orf73	TSS33367	chr7:13534722-	6.84927	8.81278
RAD51-AS1	TSS8083	chr15:4098595-	5.29451	3.57031
CEP131	TSS16943	chr17:7916339-	2.43959	2.76694
OXR1	TSS25047,TSS	chr8:10728240-	7.31178	5.44334
DDX41	TSS25420	chr5:17693857-	19.7118	48.0017
NT5C2	TSS23657	chr10:1048477-	15.3469	14.1581
CNTD1	TSS6383	chr17:4095085-	0.261573	0.285199
ATP6V1E1	TSS19661	chr22:1807490-	22.581	45.2816
WDR19	TSS21471	chr4:39184023-	6.82965	3.72841
LINC00294	TSS3532	chr11:3309769-	4.53027	1.94358
FEM1C	TSS8375	chr5:11485660-	6.05537	5.26681
LYPLAL1	TSS12011,TSS	chr1:21934717-	19.4663	10.0136
URB1-AS1	TSS23260	chr21:3376544-	0.253207	4.07685
DLGAP4	TSS1047,TSS1	chr20:3489424-	14.3482	12.9711
SAT2	TSS5395	chr17:7529555-	19.7312	19.2799
PPOX	TSS30918	chr1:16113618-	2.30046	3.48837
NDUFA8	TSS11996	chr9:12490633-	13.5436	50.1031
NDUFB4	TSS22668	chr3:12031512-	42.4194	131.768
FAM185A	TSS25287	chr7:10238939-	1.82871	2.7126
GFM1	TSS4368	chr3:15836231-	10.4364	29.19
ADNP-AS1	TSS26353	chr20:4954752-	1.32061	1.87602
CBX4	TSS26090	chr17:7780695-	8.26341	8.15282
LYPLA2P2	TSS17395	chr19:7943516-	0.670891	2.08445
HNRNPA1	TSS34245	chr12:5467448-	78.9536	191.77
IGIP	TSS27723	chr5:13950552-	3.45341	1.70668
LZIC	TSS15500	chr1:9989775-	3.96578	8.64742
TAMM41	TSS5883	chr3:11831915-	1.50233	9.68644
DDX47	TSS26289	chr12:1296627-	17.2689	52.0209
CDK5RAP1	TSS478	chr20:3194664-	6.37592	14.9835
MOCS2	TSS23715	chr5:52391508-	4.00123	4.74597
ZSCAN2	TSS31607	chr15:8514424-	1.33727	1.89468

PRRC1	TSS21524	chr5:126853300	7.78513	10.9893
OXSM	TSS5937	chr3:25831562-	5.00239	7.78963
TMEM41B	TSS29799	chr11:9302200-	7.72219	3.69485
MEF2BNB-MEI	TSS7538	chr19:19256375	1.10783	1.77892
HSP90AB1	TSS27463,TSS	chr6:44213902-	361.358	839.959
C11orf54	TSS26610	chr11:93474750	7.73242	8.34699
PGPEP1	TSS6895	chr19:18451390	2.47239	2.78514
SHOC2	TSS4818,TSS9	chr10:11267930	26.1744	21.3973
ATP5B	TSS18097	chr12:57031950	93.8644	417.479
GDI1	TSS21931	chrX:153665250	27.4271	35.036
CAMKK2	TSS17896,TSS	chr12:12167540	3.63348	8.78252
FKBP11	TSS2029,TSS4	chr12:49315740	17.7341	49.9929
FAM133DP	TSS16935	chr7:92190367-	4.76078	3.55738
ATP6V1E2	TSS7950	chr2:46738985-	0.55208	0.681395
LRP2BP	TSS7665	chr4:18628503-	0.342497	0.568883
LOC440434	TSS25113	chr17:36351790	13.1152	12.9563
TSNARE1	TSS5960	chr8:143293440	4.07894	4.26104
ANKRD19P	TSS5673	chr9:95571892-	1.79988	1.73541
PMS2P4	TSS31880	chr7:66741117-	2.82056	2.3152
PAXIP1	TSS12902	chr7:154735390	5.19287	7.37977
SACS	TSS1200,TSS2	chr13:23902960	2.99182	6.59781
MMS19	TSS12997,TSS	chr10:99218080	8.58392	17.79
KIAA0355	TSS30856	chr19:34745450	6.83476	3.73329
ATP6V1B2	TSS7801	chr8:20054703-	17.1515	24.363
SNRPC	TSS26859	chr6:34724870-	10.0564	57.2302
HCFC2	TSS2557	chr12:10445820	2.11911	1.59349
CEMP1	TSS14281	chr16:2580035-	7.76848	7.33022
DVL1	TSS12483	chr1:12706570-	7.43938	13.5469
PSMB6	TSS6881	chr17:4699438-	104.045	194.519
TRABD	TSS11310	chr22:50624350	22.0649	27.8632
DDX1	TSS19776	chr2:15731744-	13.1331	52.3057
MARS2	TSS22804	chr2:198570020	2.91248	14.5107
ANKRD13A	TSS27569	chr12:11043720	30.5325	23.8491
SNHG8	TSS6829	chr4:119199910	158.231	241.474
HKR1	TSS17605	chr19:37825570	7.00331	5.79582
YIPF6	TSS28830	chrX:67718623-	1.98582	4.42215
COL4A3BP	TSS1641,TSS2	chr5:74666927-	9.57522	7.42604
CCT6A	TSS20451	chr7:56119377-	30.493	125.906
LOC100996447	TSS18388	chr3:158263000	0.707368	0.832873
HSPA5	TSS17758	chr9:127997120	26.102	96.3996
SDHAP3	TSS27346	chr5:15720720-	14.2011	21.1042
TMEM147	TSS31468	chr19:36036500	27.1186	66.4689
SMAD3	TSS13023,TSS	chr15:67358190	17.3787	10.0671
HSD17B4	TSS4914,TSS6	chr5:118788130	14.9641	21.896
SUGP2	TSS18652	chr19:19101690	15.2591	15.3039
PEX3	TSS32185	chr6:143771910	2.56044	7.2267
PRPS1	TSS10020	chrX:106871650	19.9022	32.3334
PMM1	TSS21538	chr22:41972880	12.0235	6.56874
MEX3C	TSS11916	chr18:48700910	35.0919	15.9508
THOC1	TSS29953	chr18:21451900	5.86671	17.866
TOR1AIP1	TSS9888	chr1:179851170	11.9255	6.52985
CLTC	TSS18643	chr17:57697040	23.0643	36.8022
RDH11	TSS16918	chr14:68143510	11.9162	21.4647
UNKL	TSS20157,TSS	chr16:14132050	12.5617	10.0325
NXT1	TSS4016	chr20:23331370	9.03511	29.8864



VPS25	TSS10866	chr17:40925450	8.42238	33.8558
RAP1B	TSS372	chr12:69004610	19.7441	23.176
KIAA0226	TSS23892,TSS	chr3:197398260	27.1535	31.3017
PSMD5-AS1	TSS18312	chr9:123605310	9.2773	6.21185
APEH	TSS5729	chr3:497114340	5.88864	29.1108
TRAF7	TSS13962	chr16:22057980	6.75978	27.8485
CTBS	TSS13211	chr1:850188030	5.69865	5.35643
C1orf109	TSS18384	chr1:381472410	5.97057	13.4799
ZBTB34	TSS14234	chr9:129622940	3.80696	1.78061
TMCO3	TSS22520	chr13:11414530	7.35509	4.96479
LRRC8A	TSS16497,TSS	chr9:131644390	5.08558	4.77098
KIAA0586	TSS18790,TSS	chr14:58894100	2.27856	3.49497
SNX2	TSS20561	chr5:122110690	23.6722	20.1093
NKRF	TSS21712,TSS	chrX:118722290	2.54589	12.8543
CDC42P3	TSS13892	chr8:144077240	0.198955	0.290127
ZC3HAV1	TSS4264	chr7:138728260	29.6012	20.9021
SEC63	TSS1626	chr6:108188950	6.74491	7.76066
ANKRD27	TSS18475	chr19:33087900	5.26448	8.75159
ZNF57	TSS24020	chr19:29008950	1.1053	2.55982
ESF1	TSS25742,TSS	chr20:13694960	10.2095	19.7625
PALB2	TSS26627	chr16:23614480	2.56082	4.28735
SSBP1	TSS33280,TSS	chr7:141438120	71.707	259.512
FANCM	TSS25605	chr14:45605140	0.72754	1.59108
ARHGDI3	TSS15133	chr12:15094940	262.77	306.456
SLC38A4	TSS2361	chr12:47158540	0.640386	0.37248
CAPRIN2	TSS15563	chr12:30862480	4.76889	2.33425
CUTA	TSS5755	chr6:333843180	59.4031	74.3055
FAM49B	TSS15111,TSS	chr8:130851830	19.6147	28.9656
ZFAND2A	TSS34040	chr7:119254200	27.5824	21.4396
ZNF266	TSS30840	chr19:95231010	16.6565	10.0146
SLC27A1	TSS32075	chr19:17581250	1.67473	1.05459
MUT	TSS15343	chr6:493980720	2.15235	3.36645
RCN2	TSS3607	chr15:77223960	8.05648	10.1437
YARS2	TSS21254	chr12:32899470	5.63124	14.5095
LOC388242	TSS18749	chr16:29476280	1.14176	0.479061
CHD7	TSS16603	chr8:615913230	14.5496	11.6456
METTL2A	TSS28995	chr17:60501240	3.623	9.26806
RPS24	TSS2394	chr10:79793510	242.377	814.901
PEBP1	TSS11683	chr12:11857380	27.8259	84.8471
AFG3L2	TSS15276	chr18:12328940	10.314	30.692
LOC100652758	TSS33470	chr5:151149350	1.44683	1.47391
SNX21	TSS28482	chr20:44462460	2.31781	0.665101
TRAPPC2L	TSS10885	chr16:88923500	10.9022	69.0047
SLC35A4	TSS7882	chr5:139944140	15.4784	46.5929
SNAPC1	TSS6331	chr14:62229070	3.26592	4.57711
FBXL17	TSS25089	chr5:107194730	2.25322	2.85913
NPAT	TSS3548	chr11:10802810	10.9853	6.12387
LRCH1	TSS30786	chr13:47127290	6.16579	7.08277
GXYLT1	TSS9045	chr12:42475640	2.74579	2.5665
GTF2F2	TSS14908	chr13:45694630	7.07448	25.4022
PLD3	TSS16601,TSS	chr19:40854330	10.2129	8.71196
OTUD6B	TSS14437	chr8:920824230	1.46464	7.44302
CIDECP	TSS29491	chr3:100592360	0.523912	1.64322
AARSD1	TSS13308	chr17:41102540	8.21318	29.3563
PACS2	TSS23096,TSS	chr14:10576710	1.55661	2.67055

ERCC5	TSS10243	chr13:10349819	7.89555	10.7623
N6AMT1	TSS20760	chr21:30244512	1.14524	2.91283
FMO4	TSS6907	chr1:17128332	1.56122	0.685007
SPICE1	TSS22037	chr3:113161564	1.58688	1.7351
UBE2N	TSS9224	chr12:93802087	27.1644	56.3137
PNP	TSS12760	chr14:20937537	13.8335	45.6488
HNRNPA3	TSS10290	chr2:17807742	26.5329	43.3096
PITPNA-AS1	TSS29017	chr17:1420212	10.846	15.0677
MTG2	TSS22656	chr20:60758080	4.57377	10.5149
LINC00938	TSS17413	chr12:46119502	5.5715	4.96446
UBA2	TSS25870	chr19:34919267	18.8463	37.7666
RSL24D1	TSS8584	chr15:55473517	76.3072	108.627
LOC729683	TSS11625	chr17:61777697	5.23689	3.78842
THAP8	TSS9815	chr19:36525886	0.578197	1.51868
AP1AR	TSS28159	chr4:113152894	9.61205	13.3022
PREP	TSS12886	chr6:105725447	7.61665	13.4658
HSPBAP1	TSS30545	chr3:122458840	6.0645	5.69005
ORC5	TSS26510	chr7:103766787	3.88031	11.5787
H2AFV	TSS10650	chr7:44866487	24.0217	26.5084
PAM16	TSS24652	chr16:4390251	2.99359	33.7061
ZNF710	TSS2490	chr15:90544722	4.12031	6.56294
DHRS4-AS1	TSS30657,TSS	chr14:24407939	2.23896	4.01476
HSPA13	TSS21653	chr21:15743436	9.43202	9.75031
RPL23AP82	TSS19582,TSS	chr22:51195510	2.52584	5.08276
DHX40	TSS4993	chr17:57642889	10.2249	9.18138
TMEM198B	TSS19807	chr12:56223397	0.528838	1.58486
REEP4	TSS27925	chr8:21995532	1.58309	7.02203
ELP6	TSS12641	chr3:47537129	9.27243	16.8562
ADNP2	TSS12596	chr18:77866914	6.26193	8.15261
LOC606724	TSS17512	chr16:29460669	77.8248	113.233
BMS1P21	TSS2623	chr10:81664650	0.33688	0.362746
WDR92	TSS18713,TSS	chr2:68357280	3.32753	6.02587
SLC25A52	TSS28655	chr18:29339658	0	0.446814
KLHL22	TSS32715	chr22:20795809	5.01845	2.47756
ZNF160	TSS33978	chr19:53569866	8.07214	5.12146
RPLP0	TSS3348	chr12:12063450	300.837	544.873
MTCP1	TSS30192	chrX:154292300	1.59194	1.4478
NEIL2	TSS8612	chr8:11627171	5.28509	8.70089
PYURF	TSS13943	chr4:89442128	28.3546	59.8847
HAUS6	TSS4710	chr9:19053134	2.77137	4.71266
MED11	TSS21028	chr17:4634702	5.09438	19.2628
PPP1R10	TSS15089	chr6:30568176	15.1877	13.6301
FAM156A	TSS27103	chrX:52926321	0.265776	1.14882
LARP1B	TSS5528	chr4:128982420	8.53005	9.20113
GUSBP11	TSS6050	chr22:23980674	3.70096	3.61938
DSTYK	TSS26482	chr1:205111630	2.62545	1.93772
METTL8	TSS2274	chr2:172173912	2.92551	3.96436
RFT1	TSS6750	chr3:53122500	1.43739	5.62066
RNFT1	TSS32623	chr17:58029722	8.00471	5.0685
PIGT	TSS3866	chr20:44044706	11.5504	21.3235
RNASEL	TSS2822	chr1:182542768	3.12122	1.1405
FAHD1	TSS16038	chr16:1877224	5.02783	15.1011
ZDHHC16	TSS30695	chr10:99205887	6.42896	16.6612
BBS9	TSS24799	chr7:33169151	2.71456	1.26981
STOML1	TSS14634,TSS	chr15:74275558	0.376385	2.02886

ECI1	TSS9395	chr16:2289872-	14.6483	32.2307
L3HYPDH	TSS11072	chr14:5993940-	1.73355	4.176
BRAF	TSS33748	chr7:14043381-	5.44537	4.29085
RPLP0P2	TSS19445	chr11:6138250-	0.399288	0.756936
ATP6V1C2	TSS29619	chr2:10861774-	0.745268	0.750641
PRKRA	TSS28835,TSS	chr2:17929614-	11.9338	15.5738
TAX1BP1	TSS14591,TSS	chr7:27778991-	31.6126	29.5241
WDR44	TSS23243	chrX:11748003-	6.12952	4.66284
DCLRE1A	TSS11135,TSS	chr10:1155944-	1.18973	3.5792
MAK16	TSS30903	chr8:33342684-	7.10087	19.8559
FARP2	TSS9162	chr2:24229566-	4.54637	4.52664
MANBA	TSS12625	chr4:10355264-	4.83323	4.88561
SPPL2A	TSS10505	chr15:5099973-	11.4861	11.8785
C14orf166	TSS19655	chr14:5245622-	25.404	70.7254
CDC37	TSS25759	chr19:1050180-	56.061	111.208
LOC642361	TSS30797	chr10:8158565-	3.40061	3.29921
MRPS25	TSS4485	chr3:15090018-	7.58395	17.2927
LAS1L	TSS12663	chrX:64732461-	9.71925	32.2296
TMEM138	TSS8467	chr11:6112947-	5.71682	7.57568
NARS	TSS6485	chr18:5526789-	27.3178	60.2515
ZNF527	TSS19263	chr19:3786205-	1.42086	1.67863
SETMAR	TSS11707,TSS	chr3:4344987-	3.97606	5.13981
CABIN1	TSS1770,TSS2	chr22:2440776-	4.81855	5.62944
ZMYM6NB	TSS4669	chr1:35447126-	9.23306	10.9979
ADPRM	TSS10207	chr17:1060092-	9.19284	5.73572
MKNK1	TSS21231	chr1:47023078-	6.92313	7.76059
RRAGB	TSS5211	chrX:55744109-	6.07347	3.44542
PPP3CB-AS1	TSS11402	chr10:7525550-	2.49162	1.78362
HOOK2	TSS12474	chr19:1287381-	2.00129	2.66187
VAMP1	TSS17089	chr12:6571403-	16.4891	13.0789
ZBTB9	TSS43	chr6:33422355-	2.76929	7.19776
DERA	TSS18251	chr12:1606410-	8.91148	23.6955
NUFIP1	TSS8637	chr13:4551338-	0.979455	3.06166
KDM4A	TSS30238	chr1:44115796-	11.7624	9.03963
COA3	TSS27415	chr17:4094963-	20.2734	47.1465
PIK3CD	TSS16783	chr1:9711789-	26.3245	24.2018
KGFLP2	TSS1050	chr9:41958801-	0.415956	0.530215
ZNF83	TSS16207,TSS	chr19:5311561-	8.9976	6.3451
TTLL5	TSS8318	chr14:7612755-	1.75307	3.2712
EPS15	TSS23161,TSS	chr1:51819934-	22.3687	18.6343
RNF32	TSS11706,TSS	chr7:15643335-	2.32643	1.02546
DECR2	TSS800	chr16:451857-	3.7282	4.39485
PELP1	TSS17357	chr17:4574678-	8.72557	28.0311
CDK19	TSS12744,TSS	chr6:11093118-	5.38014	3.2421
TMCO4	TSS19586	chr1:20008705-	1.88613	6.82904
OSBP	TSS17083	chr11:5934187-	12.3907	14.7541
CLUHP3	TSS27953	chr16:3171193-	4.97361	2.54808
CCDC77	TSS26150,TSS	chr12:498515-	2.00521	2.48466
ATF6	TSS24135	chr1:16173603-	3.76038	5.88538
EXOSC8	TSS935	chr13:3757467-	13.4001	31.0353
LAMP2	TSS7419	chrX:11956000-	16.655	14.2658
TRIM23	TSS26834	chr5:64885506-	4.57116	3.37127
DROSHA	TSS32720	chr5:31400601-	4.64142	8.16321
MIF4GD	TSS28275,TSS	chr17:7326230-	7.9087	18.4121
HINT2	TSS14027	chr9:35812956-	4.37781	18.9378

VPS33B	TSS12269	chr15:9154164-	5.50947	6.91118
ACTG1P20	TSS11315	chr1:27650364-	1.00596	5.97366
COX20	TSS17903	chr1:24499863-	4.81514	14.1612
ARPC5L	TSS26632	chr9:12763148-	18.9864	78.46
BCL6	TSS2923	chr1:14701327-	2.01376	2.19283
LSM5	TSS14134,TSS	chr7:32524944-	6.99305	18.5461
ZNF721	TSS34057	chr4:433772-4-	12.2007	7.80549
CLK2	TSS11529	chr1:15523265-	9.01545	9.21421
ATG4A	TSS2943	chrX:10733489-	5.99423	5.06689
LSM6	TSS16271	chr4:14709683-	16.5255	56.6192
UHRF1BP1L	TSS25198	chr12:1004308-	3.44669	6.0812
TMX4	TSS2244	chr20:7957999-	10.9084	6.60114
GLMN	TSS31278	chr1:92711954-	2.54788	7.09614
SERINC1	TSS30605	chr6:12276449-	50.1149	29.1789
HSPB11	TSS20419	chr1:54387233-	25.1239	52.2469
SPCS1	TSS9642	chr3:52739856-	34.1231	90.3542
NUP62	TSS27920,TSS	chr19:5041008-	15.2874	35.0113
LINC01578	TSS17178,TSS	chr15:9342607-	39.4071	24.5341
PIDD1	TSS3176	chr11:799178-	4.15267	4.5777
SEC23B	TSS10580,TSS	chr20:1848818-	9.91817	18.8536
CUTC	TSS19558	chr10:1014919-	19.1538	22.8521
BPNT1	TSS29836	chr1:22023082-	12.8697	19.5244
PRDM11	TSS17677,TSS	chr11:4511556-	1.14322	1.91072
DENND4C	TSS19793	chr9:19230762-	13.2333	7.20864
CCDC124	TSS25252,TSS	chr19:1804382-	23.1172	132.334
KCNAB2	TSS22102,TSS	chr1:6052357-	12.9042	22.2817
ZNF546	TSS17159	chr19:4050294-	1.20318	0.72549
NIFK	TSS14810	chr2:12248452-	10.6918	54.3376
STT3B	TSS13748	chr3:31573992-	18.9235	24.7144
HSPA4	TSS9570	chr5:13238766-	37.9073	86.709
NUDT5	TSS17679	chr10:1220957-	16.2081	46.3558
KGFLP1	TSS19082	chr9:46687556-	0.309321	0.854757
8-Mar	TSS10992,TSS	chr10:4595003-	15.6896	10.8573
STX2	TSS28399	chr12:1312741-	1.65595	2.04494
NUP107	TSS34011	chr12:6908073-	15.9874	24.0091
IDH3B	TSS16721	chr20:2639040-	24.8306	70.4629
STX10	TSS32431	chr19:1325487-	10.9521	19.0867
LBHD1	TSS21921	chr11:6243028-	3.09417	2.46883
CENPBD1	TSS7877	chr16:9003618-	1.08622	3.6413
GTF2I	TSS18878	chr7:74071990-	19.6036	31.6256
NAA50	TSS25144	chr3:11343530-	32.9119	46.7588
UBAP2	TSS10255,TSS	chr9:33921690-	4.92165	13.4672
C5orf28	TSS6644	chr5:43444353-	3.73495	6.2206
VPS26B	TSS5792	chr11:1340944-	2.9478	2.81576
H3F3B	TSS25670	chr17:7377251-	97.4	122.344
CCT4	TSS5050	chr2:62095261-	56.5096	172.961
BAD	TSS718	chr11:6403729-	4.5137	8.95428
AP3S1	TSS5518	chr5:11517761-	16.6501	20.8623
BBS7	TSS20808	chr4:12274548-	1.68265	3.32697
PBX2	TSS14484	chr6:32152509-	6.43261	11.6749
CCDC14	TSS10125	chr3:12363227-	5.88765	3.35005
APH1B	TSS33853	chr15:6356974-	4.21357	3.23188
ELMO2	TSS12454	chr20:4499468-	7.28369	5.93193
PCYOX1	TSS32041	chr2:70485230-	3.5371	2.51427
ZNF692	TSS19392,TSS	chr1:24914420-	5.67193	9.94468

RPS18	TSS14847	chr6:33239851-	396.232	466.24
ZNF286A	TSS16687	chr17:15602890-	1.81023	2.73873
SWI5	TSS580	chr9:131038424-	4.6063	5.99323
SLC16A4	TSS1883	chr1:110905472-	0.532216	0.544165
LARP4	TSS15178	chr12:50794591-	11.0846	19.7962
DTX2	TSS11453,TSS	chr7:76090971-	6.84695	5.66802
LSM10	TSS30987	chr1:36859020-	34.3685	59.6275
WHAMM	TSS13694	chr15:83478379-	9.64058	5.61545
PPT1	TSS7641	chr1:40538381-	16.6422	47.9533
MOB2	TSS31388,TSS	chr11:1490677-	16.3045	15.1686
BLCAP	TSS11686,TSS	chr20:36145818-	24.9062	28.5528
ATP8B5P	TSS20257	chr9:35406751-	0.850558	0.280376
PTENP1	TSS33173	chr9:33673501-	1.72692	3.77781
USP48	TSS26939	chr1:22004791-	14.7722	22.3205
TEX10	TSS33494,TSS	chr9:103064356-	8.93325	16.2773
CRSP8P	TSS12871	chr5:79646423-	1.84827	3.65249
RSU1	TSS29149	chr10:16632616-	5.41184	15.7723
BEND3P3	TSS21550	chr10:81442730-	0.253654	0.440238
ZNF33B	TSS33375	chr10:43069630-	11.5836	7.05169
SNX4	TSS3509	chr3:125165481-	7.7508	14.2989
SKIV2L2	TSS14668	chr5:54603575-	13.8814	31.7071
ZNF383	TSS25777	chr19:37717361-	4.94033	5.48986
GPATCH2	TSS29029	chr1:217600334-	3.24206	2.31308
ERP29	TSS16659	chr12:11245111-	55.7204	44.0031
WDR88	TSS298	chr19:33622991-	0.375247	0.166088
TSPYL4	TSS31128	chr6:116571130-	3.81783	5.15261
FPGT	TSS29594	chr1:74663895-	1.5011	1.16247
TAF6L	TSS22823	chr11:62538774-	5.39228	18.9613
XPC	TSS26179	chr3:14186647-	12.297	13.5071
RALGAPA2	TSS18919	chr20:20370271-	1.63468	1.82924
ATXN2L	TSS116	chr16:28834368-	19.9797	36.4732
SRA1	TSS18945,TSS	chr5:139929651-	9.22794	28.3174
TNKS	TSS27457	chr8:94134444-	5.16774	3.94366
MESDC1	TSS29459	chr15:81293294-	8.46341	10.5518
ISCU	TSS19384	chr12:10895520-	34.157	50.827
RALA	TSS26178	chr7:39663151-	7.3606	14.04
CSNK2A2	TSS32237	chr16:58191811-	16.744	20.7218
MYL12A	TSS1060,TSS1	chr18:3247479-	82.1045	138.028
SIK2	TSS808	chr11:11147311-	2.99145	2.54059
THAP1	TSS6894	chr8:42691816-	6.97112	8.13387
FAM104B	TSS22777,TSS	chrX:55169534-	2.5796	8.10346
PACS1	TSS31797	chr11:65837820-	24.9707	18.3812
BCO2	TSS12211,TSS	chr11:11204620-	0.293304	0.133085
CCDC92	TSS23989,TSS	chr12:12442091-	14.265	8.81376
CALM3	TSS27287	chr19:47104511-	23.5022	31.8071
BSCL2	TSS24252,TSS	chr11:62457730-	9.48429	2.2847
BACE1	TSS29680,TSS	chr11:11715640-	0.805813	0.636586
MACF1	TSS25064	chr1:39549838-	5.95996	8.32268
SLC25A44	TSS7600	chr1:156163722-	5.03546	7.95522
ANP32A	TSS7790	chr15:69070874-	20.905	62.2351
TIMM8B	TSS9905	chr11:11195550-	5.94234	41.4831
ZNF333	TSS22405,TSS	chr19:14800851-	1.77184	1.28702
SLC4A2	TSS11899,TSS	chr7:150755298-	9.64781	13.7958
FBXO48	TSS19729	chr2:68689504-	0.532347	1.192
CYP2D7	TSS26301	chr22:42536210-	0.536813	0.554415

ARRDC1-AS1	TSS19465,TSS	chr9:14050978-	5.57171	6.34868
MRPS2	TSS2046	chr9:13839247-	14.967	45.7267
CEP89	TSS21196	chr19:3336990-	1.78134	1.77863
MRRF	TSS28365,TSS	chr9:12502688-	4.41284	16.7763
CDKAL1	TSS24818	chr6:20534687-	2.94133	8.45904
MTMR1	TSS13792	chrX:14986183-	10.843	14.5023
TMEM69	TSS23891	chr1:46153846-	11.3457	25.0912
MON1A	TSS26306	chr3:49946301-	0.929456	7.00918
LLGL1	TSS20280	chr17:1812893-	2.83628	2.69883
RGPD2	TSS28394	chr2:87140934-	3.46281	2.29181
TCOF1	TSS13761	chr5:14973720-	14.0065	41.3997
STX5	TSS19284	chr11:6257433-	23.4031	19.4328
NOL11	TSS15195	chr17:6571394-	14.3282	31.3537
DCP2	TSS12263	chr5:11231240-	8.30924	5.00422
IARS2	TSS16208	chr1:22026745-	15.3717	33.0546
BNIP1	TSS7034	chr5:17257144-	4.30454	11.8809
ZCRB1	TSS6897	chr12:4270588-	10.9897	19.9933
MGAT1	TSS13301,TSS	chr5:18021754-	31.5431	37.0731
PTS	TSS7810	chr11:1120970-	4.45378	17.8195
PARTICL	TSS2304	chr2:85764589-	0.399118	2.3193
DENND6A	TSS18085	chr3:57611180-	3.74433	3.71439
ZFP1	TSS1077	chr16:7518242-	1.69641	3.14322
KIAA1875	TSS31295	chr8:14516262-	0.191919	0.00928145
BCORL1	TSS29808	chrX:12913916-	2.17704	2.23481
STOML2	TSS13008	chr9:35099772-	17.2766	105.514
HMHA1	TSS26253,TSS	chr19:1065921-	56.978	39.0855
TYK2	TSS21521	chr19:1046120-	14.8949	18.4618
CAMSAP1	TSS32318	chr9:13870033-	2.94947	4.43183
TDG	TSS1505	chr12:1043595-	6.46266	14.5356
THOC6	TSS13913	chr16:3074031-	7.9198	27.1808
ACTN4	TSS33211	chr19:3913826-	34.7502	59.3284
RHNO1	TSS6117,TSS9	chr12:2985423-	3.90182	5.25272
UBAC1	TSS23733	chr9:13882481-	6.12955	13.7669
MMP24-AS1	TSS21103	chr20:3386413-	11.114	8.12918
ZNF343	TSS20866,TSS	chr20:2462465-	3.7363	3.63004
EID2B	TSS15378	chr19:4002217-	0.0356787	1.32708
NAA25	TSS5044	chr12:1124644-	4.24164	11.1656
EIF3IP1	TSS25982	chr7:10959928-	0.0423391	1.09136
COQ9	TSS21153	chr16:5748133-	5.28516	16.7571
SMG7-AS1	TSS9052	chr1:18343001-	0	0.50804
KIF2A	TSS23736	chr5:61601988-	10.0765	13.8045
MKRN9P	TSS31917	chr12:8817666-	1.68749	0.823741
TRDMT1	TSS1494	chr10:1718498-	0.195003	0.778275
ERV3-1	TSS27645	chr7:64450732-	5.84522	2.82468
NUTF2	TSS16278	chr16:6788081-	21.3786	99.9729
WRN	TSS7137	chr8:30890777-	1.96547	4.96767
MRPS34	TSS19127	chr16:1821895-	23.0738	88.547
PDDC1	TSS17779	chr11:767222-	6.50468	10.6067
ADK	TSS11660,TSS	chr10:7591094-	12.5792	39.7527
LRRC40	TSS6171	chr1:70610484-	6.26518	10.3389
ZNF654	TSS24874	chr3:88188261-	4.00387	3.0729
MAD2L2	TSS562,TSS79	chr1:11734536-	14.3558	26.8095
SNRPF	TSS15880	chr12:9625270-	22.8034	113.318
LNPEP	TSS25629,TSS	chr5:96271345-	10.4676	12.3229
SLC35D1	TSS20827	chr1:67465014-	3.7235	4.79356

SLC38A9	TSS12165,TSS	chr5:54921672-	3.37399	5.62649
KIAA2018	TSS19135	chr3:11336723-	5.78669	4.81197
UBE2V2	TSS27596	chr8:48920994-	6.26528	36.4788
CHMP1B	TSS4418	chr18:1185138-	19.9147	19.0747
SMG1P5	TSS1414	chr16:3027891-	12.4743	9.48583
TBC1D10A	TSS12541	chr22:3068797-	10.1662	7.10848
LOC100270804	TSS4304	chr20:1877469-	0.788585	0.471098
DCPS	TSS28552	chr11:1261736-	5.827	20.5849
ZBTB48	TSS16982	chr1:6640050-	7.93511	8.07276
NAE1	TSS7720	chr16:6683678-	10.3777	27.0228
ATP6V1D	TSS19834	chr14:6780458-	6.20499	9.64452
RING1	TSS18708	chr6:33176285-	18.0407	27.2922
STXBP5	TSS18143	chr6:14752549-	2.51725	2.21889
COQ5	TSS33055	chr12:1209410-	5.21728	11.0948
TBC1D3B	TSS14190	chr17:3479717-	1.26076	0.816807
HCFC1R1	TSS32151	chr16:3072620-	13.6985	13.0467
ARMC5	TSS17950,TSS	chr16:3146959-	4.00701	6.60024
PITRM1	TSS31941	chr10:3179918-	11.5901	22.3037
UBE2E3	TSS20172,TSS	chr2:18184511-	14.6945	19.2673
METTL4	TSS24970	chr18:2537523-	5.51921	4.37271
ATAD1	TSS25816	chr10:8951287-	10.6438	16.824
MRE11A	TSS30745	chr11:9415046-	5.83302	5.99786
SLC25A20	TSS9754	chr3:48894355-	3.79359	7.69121
SMARCB1	TSS16025	chr22:2412914-	52.219	84.2519
WDR74	TSS191,TSS32	chr11:6260037-	32.8058	81.9768
ELF4	TSS16697,TSS	chrX:12919889-	12.3931	9.51122
TMEM256	TSS20218	chr17:7306292-	29.3347	59.0525
PEX7	TSS788	chr6:13714370-	2.47202	4.29691
ZNF814	TSS140	chr19:5838074-	4.81598	5.84631
SRGAP2C	TSS29234	chr1:20651619-	4.99516	1.21579
NME3	TSS9764	chr16:1820320-	10.1329	8.1305
TRAF3IP2-AS1	TSS31863	chr6:11180467-	2.69564	4.76444
C1orf216	TSS26257	chr1:36179476-	1.597	4.25699
ARSG	TSS24137,TSS	chr17:6625532-	1.67979	1.02182
ARRDC1	TSS6653	chr9:14050009-	8.30056	13.1985
LOC101929767	TSS11704	chr17:4130038-	1.60882	2.57193
POTEF	TSS29125	chr2:13083110-	0.224026	1.59242
LOC389765	TSS6486	chr9:88420916-	2.34268	1.13814
CSTF2	TSS17381,TSS	chrX:10007534-	6.08666	15.6986
EIF3C	TSS27644,TSS	chr16:2839090-	27.955	104.729
MLH1	TSS20465,TSS	chr3:37034840-	10.3143	17.0485
SLC25A33	TSS10073	chr1:9599527-	3.02742	11.8525
TAP2	TSS13846,TSS	chr6:32789609-	20.0172	53.4489
NSFP1	TSS31431	chr17:4445017-	8.79472	11.3094
SUZ12P1	TSS13404	chr17:2903662-	7.73136	6.03925
RMND5B	TSS2920	chr5:17755796-	8.27823	11.593
DCAF6	TSS21066	chr1:16790579-	8.52384	8.18183
LRRFIP2	TSS15969,TSS	chr3:37094116-	6.34682	7.53481
PHTF2	TSS31786,TSS	chr7:77428108-	7.98605	7.34989
APOA1BP	TSS28598	chr1:15656155-	17.9508	46.2045
TUBGCP4	TSS9516	chr15:4366325-	3.32118	9.72665
RP9P	TSS15137	chr7:32956426-	3.96107	5.93383
DDX31	TSS30166	chr9:13546967-	2.40668	10.9657
ARF4	TSS14214	chr3:57557089-	24.8231	57.039
DCUN1D4	TSS1965,TSS3	chr4:52709165-	6.66497	4.7924

PYROXD1	TSS8144	chr12:21590531	1.15756	3.55135
MPDU1	TSS1969	chr17:7486964-	9.2777	33.1344
STARD3NL	TSS23331	chr7:38217807-	12.4484	15.2407
ERI3	TSS2044	chr1:44686741-	6.62969	30.6396
ZNF708	TSS28007,TSS	chr19:21473961	5.84276	5.03701
CDYL	TSS1802,TSS1	chr6:4706392-4	9.13438	10.459
FAM86HP	TSS25454	chr3:129816624	0.347263	1.57111
MRPS18B	TSS1807	chr6:30585485-	16.3414	46.537
SNHG6	TSS12330	chr8:67834164-	348.388	270.662
LIAS	TSS27347	chr4:39460643-	1.63347	8.07614
DCAKD	TSS11523,TSS	chr17:43100705	5.80548	10.3874
AHDC1	TSS10679	chr1:27860755-	3.03057	3.13719
RMND1	TSS12937	chr6:151725896	5.25714	5.77303
MZT2A	TSS16041	chr2:132241532	35.5507	79.6339
SLC25A35	TSS1534	chr17:8191081-	0.620501	0.566312
RSU1P2	TSS25610	chr10:45594921	0	0.477249
LZTS2	TSS29676	chr10:10275686	9.31398	6.82512
GLS	TSS24633	chr2:191745546	29.6236	56.1988
MRPL18	TSS11289	chr6:160211491	25.8197	63.1205
TEX36	TSS3787	chr10:12734426	0.0183923	0.0335245
ZNF785	TSS6752	chr16:30591991	1.77629	2.53638
CRELD2	TSS13805	chr22:50312271	4.89565	16.1181
E2F6	TSS12489	chr2:11584500-	12.2205	7.88345
PDE7A	TSS18462,TSS	chr8:66626568-	9.58715	6.14313
LINC00630	TSS682	chrX:10202409-	0.85504	0.36416
FAM122C	TSS16118,TSS	chrX:133930441	0.481518	1.19601
TARS2	TSS15979	chr1:150459831	4.81577	18.5147
CFAP126	TSS24320	chr1:161334526	0.676127	0.367324
PMS2P1	TSS7069	chr7:99918262-	7.09874	12.6781
SNHG12	TSS27619	chr1:28905049-	20.8227	37.6991
TEX2	TSS16125,TSS	chr17:62224792	1.72656	4.20475
USO1	TSS31568	chr4:76649705-	13.1631	18.597
LNX2	TSS24308	chr13:28120041	3.02105	2.49105
PLP2	TSS6699	chrX:49028183-	76.0893	74.0677
MAPRE2	TSS10005,TSS	chr18:32556891	14.2551	16.0865
MTDH	TSS14092	chr8:98656406-	20.2192	31.805
MRPS18A	TSS29854	chr6:43638933-	17.0427	37.0166
BTBD6	TSS6997	chr14:10571481	9.96248	6.5491
ULK1	TSS19643	chr12:13237921	12.681	6.63323
UBE2Q2P2	TSS8162	chr15:82647351	1.12297	1.00653
EMBP1	TSS7777	chr1:121260901	1.17667	1.61708
RGPD2	TSS24931	chr2:88056717-	4.35179	2.13869
UBAC2	TSS17878,TSS	chr13:99852671	5.91905	7.28153
MRPS35	TSS29292	chr12:27863701	14.1909	42.9723
SNTB2	TSS8217	chr16:69221041	2.07089	0.708767
TPRG1L	TSS7521	chr1:3541555-1	27.6119	14.8487
CALR	TSS21144	chr19:13049411	100.176	297.244
UQCC3	TSS14667	chr11:62439121	4.27805	14.0489
FBXL6	TSS3669	chr8:145579081	1.52359	8.27519
ANKRD26	TSS17058	chr10:27293044	1.82361	1.73901
ESYT2	TSS12257	chr7:158523681	8.85718	8.4643
NAT1	TSS24235,TSS	chr8:18027970-	2.51856	3.84081
KIAA1841	TSS14664,TSS	chr2:61293005-	1.04963	0.35859
MRPL9	TSS6947	chr1:151732111	20.1215	43.5801
WDR36	TSS4361	chr5:110427861	6.9436	19.6506



QTRT1	TSS12347	chr19:1081211	7.14186	35.682
COX16	TSS17260	chr14:7079179	12.5362	41.7039
RNF121	TSS12411	chr11:7163976	8.16977	8.32832
ASB14	TSS21673,TSS	chr3:57302378-	1.2752	0.452066
SURF4	TSS14366,TSS	chr9:13622832	24.913	37.7626
RNF126P1	TSS32109	chr17:5512283	0.989613	0.727125
SNX19	TSS16692	chr11:1307457	9.64104	7.04853
ZSWIM3	TSS30162	chr20:4448621	2.54843	2.31385
FBXO30	TSS9293	chr6:14611927	18.9677	12.1303
ACLY	TSS14742,TSS	chr17:4002316	19.2484	70.3461
PZP	TSS30687	chr12:9301435-	0.0534014	0.0495992
RPL5	TSS27508	chr1:93297593-	449.608	823.442
ZNF773	TSS33843	chr19:5801122	6.98775	6.52986
SYNCRIP	TSS12784,TSS	chr6:86317501-	21.8091	63.3705
EIF2S2	TSS939	chr20:3267611	21.5366	26.9723
ANXA11	TSS15429,TSS	chr10:8191487	36.3216	33.6955
APTR	TSS31724	chr7:77313167-	1.71355	2.74507
TMEM161A	TSS7046	chr19:1923042	5.98985	11.6758
HMG2P46	TSS23602	chr15:4580333	1.41025	1.95748
ZBTB3	TSS25284	chr11:6251843	5.04949	2.95465
VPS37A	TSS11176	chr8:17104400-	4.25001	4.89244
SLC15A4	TSS10212	chr12:1292777	14.3438	27.8287
USP6	TSS13305,TSS	chr17:5019732-	0.557436	0.794112
SAV1	TSS3722	chr14:5110029	13.499	11.636
SEC61G	TSS8933	chr7:54819939-	74.1143	225.517
ZSCAN16-AS1	TSS16958	chr6:28089572-	1.34974	1.87179
EIF1AX	TSS9429	chrX:20142635-	9.82649	23.2927
UBE2Q2P2	TSS16971	chr15:8302384	1.06374	0.983172
QKI	TSS13287	chr6:16383567	7.42631	5.53574
MSS51	TSS28977	chr10:7518333	2.43903	0.57225
PAK1IP1	TSS5269	chr6:10695187-	4.89566	37.3353
TATDN1	TSS19879	chr8:12550073	3.04447	5.59805
ALKBH1	TSS12766	chr14:7813874	1.60332	5.01856
RPS6KA4	TSS30555	chr11:6412662	3.75627	10.5459
CLHC1	TSS15151,TSS	chr2:55399686-	0.725478	0.323952
R3HDM1	TSS27433,TSS	chr2:13628902	5.08726	14.389
DNAJC9	TSS34065	chr10:7500171	9.14835	12.4103
SEC61B	TSS26772	chr9:10198456	67.509	243.586
TMEM87B	TSS34178	chr2:11281279	7.1981	5.90292
DCAF17	TSS17037	chr2:17229076	3.11999	4.4535
RASSF7	TSS14943,TSS	chr11:560970-	11.9008	9.71457
C22orf29	TSS4704	chr22:1983366	0.825115	2.24061
NUDT18	TSS26332	chr8:21964382-	2.24695	3.38611
CYB561A3	TSS22642,TSS	chr11:6111621	28.741	22.6486
MCM9	TSS25216,TSS	chr6:11913461	6.36754	4.32037
PTRH2	TSS2937	chr17:5777466	10.2347	33.9787
KPTN	TSS3874	chr19:4797839	1.91563	3.46427
TARSL2	TSS20062	chr15:1021939	4.49287	3.59126
BZRAP1-AS1	TSS10504,TSS	chr17:5640281	5.03813	3.93816
HLCS	TSS15163,TSS	chr21:3812318	1.99544	1.86353
LOC100131257	TSS4667	chr7:7115400-	0.0279982	0.0247546
SNAI3-AS1	TSS26999	chr16:8872978	1.01202	0.670313
ILF3	TSS6903	chr19:1076493	39.8042	127.744
ATP7A	TSS4763	chrX:77166152-	1.94466	1.6914
GNA13	TSS11214,TSS	chr17:6300540	20.8673	18.5296

SMC3	TSS27443	chr10:11232744	14.938	20.2967
UTP11L	TSS18173	chr1:38478383-	3.89599	28.953
RSPRY1	TSS7092	chr16:57220195	8.20051	8.65126
BRICD5	TSS1322	chr16:2259253-	0.792275	1.48167
BTA1F1	TSS2751	chr10:93683735	12.197	14.6812
AKR1B1	TSS33728	chr7:134127106	36.8697	56.5502
UBE2E4P	TSS15612	chrX:14262386-	1.9952	3.50052
LMAN2L	TSS28644	chr2:97371666-	4.75943	4.23232
ATP13A3	TSS15553	chr3:194123402	8.39015	16.689
NOC4L	TSS19182	chr12:13262897	4.58521	28.9167
PTOV1-AS1	TSS28295	chr19:50341902	7.21728	4.00821
RRP7A	TSS16447	chr22:42904340	12.6687	33.4174
CDC42SE1	TSS14615	chr1:151023446	40.0068	33.1437
HN1	TSS28537,TSS	chr17:73131337	16.4299	42.0627
TMEM18	TSS14718	chr2:667972-67	5.45269	11.8093
PMS2	TSS31483	chr7:6012869-61	3.97951	6.17099
VAMP7	TSS33419	chrY:59213948-	3.37497	5.75272
TMEM39B	TSS26981	chr1:32538502-	5.60451	9.66887
ZNF627	TSS12836	chr19:11708234	4.67405	3.58198
TMEM104	TSS12689	chr17:72772627	1.95631	2.2252
NUDT21	TSS3880	chr16:56463047	14.7789	22.2946
ZMYM4	TSS12252	chr1:35734567-	5.85484	6.63293
LOC646214	TSS19216	chr15:21932515	0.938169	0.919527
EHBP1	TSS12204,TSS	chr2:62900985-	2.19798	3.44044
MIF-AS1	TSS25345	chr22:24235896	1.00909	3.19918
FAM118A	TSS18719,TSS	chr22:45705080	5.8296	8.52752
PPIA	TSS17520	chr7:44836234-	81.9223	258.191
USP3	TSS19317	chr15:63796709	9.50179	11.1024
UTP14A	TSS23197	chrX:129040090	6.52826	20.7539
ISY1-RAB43	TSS29668	chr3:128806417	3.56057	3.62245
SLC39A7	TSS27686	chr6:33168602-	15.9438	30.5777
TMCO6	TSS24249	chr5:140019017	1.86138	3.44128
NDUFA7	TSS5222	chr19:8376183-	12.5431	43.6471
NBPF18P	TSS22487	chr1:151990750	0	0.0422784
EXOSC7	TSS32026	chr3:45017740-	8.87941	50.6601
ZNF449	TSS27514	chrX:134478690	1.24259	0.489146
RAB3GAP2	TSS29795	chr1:220321609	7.73696	9.32233
TRIM14	TSS24842	chr9:100846634	2.21406	7.37426
WDR18	TSS22676	chr19:984327-99	17.9475	55.9883
LOC646471	TSS5632	chr1:26146444-	0.0717557	0.527623
TTC7A	TSS10321,TSS	chr2:47143267-	11.5586	21.2522
EPOR	TSS22147	chr19:11487880	0.549938	0.92254
SOCS7	TSS3657	chr17:36508006	2.33803	2.86366
MTIF2	TSS22368,TSS	chr2:55463755-	8.97304	28.9367
ANKRD44	TSS112	chr2:197851385	35.8696	14.101
PARD6A	TSS22364	chr16:67694850	3.4694	4.69795
YDJC	TSS22182	chr22:21982377	8.93243	29.1116
ANKDD1A	TSS11834	chr15:65204100	1.99595	1.67653
GNB5	TSS31458,TSS	chr15:52413122	9.75487	7.57432
PSMD14	TSS29501	chr2:162164785	53.43	74.5131
RNPEP	TSS24709	chr1:201951765	16.147	16.4393
FASTKD1	TSS22646	chr2:170386267	4.10287	13.4978
LOC100289656	TSS2035	chr15:29033388	0	0.94323
C2orf74	TSS21088,TSS	chr2:61372242-	18.6936	12.7309
PPP4R1L	TSS6182	chr20:56807832	2.82136	1.96746

TTC19	TSS252	chr17:15902690	4.22751	9.66747
SDHA	TSS28882	chr5:218337-21	14.9934	22.4866
MRPL27	TSS15995	chr17:48445227	24.5496	58.7969
NANOS1	TSS30331	chr10:12078920	0.588923	0.860901
MBD2	TSS10548	chr18:51677970	8.66696	19.4417
DNAJA3	TSS3392	chr16:4475805-	9.02348	40.4989
DDX21	TSS27591,TSS	chr10:70715870	22.3826	118.924
BET1	TSS33810	chr7:93620999-	5.92049	5.57546
RNF13	TSS3321	chr3:149530474	12.5243	11.6498
WDR43	TSS25876	chr2:29117508-	9.98869	57.1802
WSB1	TSS31631	chr17:25621100	33.7566	23.5269
TBC1D3F	TSS21360	chr17:34746110	0.721393	0.374755
ZRANB2-AS1	TSS16928	chr1:71512188-	0.254003	0.973203
EIF4G1	TSS13197,TSS	chr3:184032280	31.774	125.265
ERMAP	TSS18524,TSS	chr1:43282775-	3.13072	1.70226
DLEU2L	TSS31679	chr1:64014650-	0.0279721	0.29251
UFD1L	TSS8305	chr22:19437460	25.1731	26.7188
PUS3	TSS8591	chr11:12576337	3.8123	7.95326
C1orf74	TSS322	chr1:209952550	3.27952	2.27016
OXA1L	TSS1543	chr14:23235730	34.482	72.3948
COX10	TSS10822	chr17:13972710	2.10278	8.24582
HEXIM2	TSS13876,TSS	chr17:43237540	3.95481	5.5376
MPHOSPH9	TSS31387	chr12:12364094	1.41739	3.73752
ANKIB1	TSS8324	chr7:91875547-	8.26964	7.17466
EIF3L	TSS23476	chr22:38245370	103.839	141.471
PSMB5	TSS23781,TSS	chr14:23495050	17.1198	83.2762
FAM45B	TSS9832	chrX:12962891-	1.21138	1.48268
RNF141	TSS24540	chr11:10533224	6.15201	6.55514
POGLUT1	TSS30495	chr3:119187784	2.00705	4.84963
NAP1L1	TSS12453	chr12:76439160	129.358	201.202
FAAP24	TSS11292	chr19:33463120	2.2936	1.82969
HDHD2	TSS18856	chr18:44633780	6.48597	8.71705
ATG14	TSS18541	chr14:55833100	7.16128	4.59803
PGAP2	TSS1306,TSS1	chr11:3818953-	3.93657	6.29037
BISPR	TSS24570	chr19:17516494	2.92976	2.57527
KLHL28	TSS26967,TSS	chr14:45393510	3.55814	3.01041
GPN3	TSS13218,TSS	chr12:11089020	9.85726	25.8199
MRPS28	TSS2547	chr8:80831094-	8.40545	58.7995
PEX12	TSS22932	chr17:33901810	3.34687	3.05285
SOD1	TSS28463	chr21:33031934	242.295	240.343
PIGM	TSS17026	chr1:159997467	2.44831	4.72412
FUNDC1	TSS8744	chrX:44382884-	6.19003	7.47075
EFHC1	TSS20631,TSS	chr6:52284993-	0.962449	0.591737
EMC10	TSS6742	chr19:50979730	30.3096	36.5925
ZNF25	TSS21423	chr10:38238794	1.07467	1.44659
CSRNP2	TSS10539,TSS	chr12:51454980	5.96384	3.00552
NUDT17	TSS11780	chr1:145586490	1.03714	1.39834
CEP135	TSS29986	chr4:56814973-	4.59016	2.35837
DENND4A	TSS22679	chr15:65952950	9.93341	7.79002
APIP	TSS6092	chr11:34903840	5.78144	20.9183
ZNF71	TSS9562	chr19:57106660	2.84496	3.32517
NFATC3	TSS12273	chr16:68119260	12.8669	10.6906
ITPR3	TSS19308	chr6:33589155-	8.5611	7.03587
CPEB4	TSS22344,TSS	chr5:173315330	5.84693	4.04468
IPMK	TSS20658	chr10:59951270	2.79895	2.86817

C8orf58	TSS23728	chr8:22457113-	4.03522	3.06285
CS	TSS7771	chr12:5666548-	16.3398	67.4289
C14orf28	TSS13392	chr14:4536650-	0.761002	0.895452
COX15	TSS28344	chr10:1014685-	4.71062	6.14353
DCAF16	TSS1395	chr4:17802277-	6.90423	9.60355
AHSA1	TSS307	chr14:7792437-	67.2937	192.93
DMWD	TSS16804	chr19:4628626-	2.81378	2.59924
ZNF628	TSS28319	chr19:5598769-	1.07059	2.29293
PHB2	TSS30006	chr12:7074514-	51.7998	227.574
SLC25A6	TSS13732	chrX:1505044-	121.597	221.284
ACTR1B	TSS24117	chr2:98272401-	7.33611	13.5012
STYXL1	TSS12608	chr7:75625654-	4.03732	11.0908
ILF3-AS1	TSS28770	chr19:1076253-	11.0083	12.2884
LINC01126	TSS19593	chr2:43454349-	0.90237	0.93927
SLC2A11	TSS13935,TSS	chr22:2419888-	3.63827	2.92393
CLK2P1	TSS33913	chr7:23624334-	1.42735	1.8414
EIF3C	TSS12215,TSS	chr16:2869987-	30.6904	106.394
NUP188	TSS3150	chr9:13170997-	9.30708	27.015
DNAJC21	TSS21073	chr5:34929697-	5.14641	8.47065
ATP5G3	TSS2281,TSS2	chr2:17604098-	13.9286	82.372
PIGV	TSS14595,TSS	chr1:27114453-	2.65121	2.39138
MRPS17	TSS24346	chr7:56019610-	6.5702	36.6306
HNRNPA2B1	TSS147	chr7:26229555-	141.703	294.378
B4GALT4-AS1	TSS31326	chr3:11894533-	0	0.24027
MAP4K3	TSS11287	chr2:39476406-	1.44107	1.25374
SLC25A6	TSS20435	chrY:1455044-	89.3146	179.766
BDNF-AS	TSS7977	chr11:2752839-	0.299795	1.32161
MRPS7	TSS2608	chr17:7325774-	18.8921	69.2454
MRPS12	TSS31491,TSS	chr19:3942134-	18.0824	100.116
ARMCX6	TSS20247	chrX:10087010-	14.991	25.439
PTBP2	TSS25684,TSS	chr1:97187160-	2.74357	4.78396
LOC100506472	TSS25693	chr22:3982816-	0.367957	0.503159
SDCCAG3	TSS1738	chr9:13929637-	6.6725	14.7531
GTF2E2	TSS25073	chr8:30436030-	7.67166	21.8469
ATRIP	TSS30370,TSS	chr3:48488113-	2.54217	4.7643
RAB8B	TSS11188	chr15:6348172-	16.4892	20.264
LIMS3L	TSS12709	chr2:11065600-	1.16498	1.83417
CORO1A	TSS24157	chr16:3019473-	189.638	319.303
LYAR	TSS17241,TSS	chr4:4269428-	6.97156	68.2579
NDUFB2-AS1	TSS17877	chr7:14039513-	2.09013	0.941883
RBCK1	TSS9936	chr20:388708-	9.07641	15.0362
LIMS3L	TSS21009	chr2:11120345-	1.17761	1.88922
CTNNB1	TSS31066	chr3:41240941-	44.0054	43.5831
AP4B1-AS1	TSS12181,TSS	chr1:11435523-	0.0557305	0.92935
ZSCAN16	TSS32498	chr6:28092386-	6.95771	4.28889
CUL1	TSS28313	chr7:14839593-	19.9947	32.7731
RBM12B-AS1	TSS14132	chr8:94752338-	0.460981	2.44589
NELFCD	TSS21589	chr20:5755626-	15.6366	58.8102
CASP2	TSS29922,TSS	chr7:14298530-	11.4348	8.80985
RTEL1	TSS4784	chr20:6228916-	0.493436	3.54658
PDCD11	TSS2233	chr10:1051564-	5.63459	26.3317
CHMP7	TSS12352	chr8:23101149-	30.9478	18.667
CTDSP1	TSS17268,TSS	chr2:21926306-	15.2065	26.0981
SLC39A6	TSS30136	chr18:3368849-	10.6489	16.0486
ING1	TSS2162,TSS3	chr13:1113649-	9.2415	8.5883

EIF2S1	TSS32463	chr14:67827030	9.83362	37.9149
ZNF517	TSS13803	chr8:146024260	1.84582	1.057
HAX1	TSS17363	chr1:154245030	18.6112	55.9373
TRPV1	TSS12477,TSS	chr17:34687390	1.28297	0.820726
POLR1B	TSS21219,TSS	chr2:113299490	4.92405	18.9808
REEP5	TSS13786	chr5:112212080	26.308	27.8076
EIF4ENIF1	TSS14910,TSS	chr22:31835340	6.41118	5.90372
C1orf35	TSS23092	chr1:228288420	12.9904	13.6333
WDR46	TSS12846	chr6:332468790	12.813	63.5587
IDS	TSS3238	chrX:148560290	88.3973	56.7718
ITFG1	TSS28718	chr16:47188290	1.33001	3.87391
MINOS1	TSS11669	chr1:199234700	3.74213	17.1586
FBXW9	TSS7127	chr19:12799720	1.05194	4.72936
SGMS1-AS1	TSS21084	chr10:52384710	0.637879	0.538339
TCFL5	TSS9822	chr20:61472360	3.10711	2.90179
AFTPH	TSS14922	chr2:647514380	27.947	20.4285
SNX13	TSS12122	chr7:178303840	5.28103	4.95161
TCP1	TSS14673	chr6:160199520	38.3517	126.658
PABPC1P2	TSS31262	chr2:147344620	0.0706987	0.123855
TRAF5	TSS23884,TSS	chr1:211499950	18.9099	9.02625
PFDN6	TSS17130,TSS	chr6:332573730	27.9388	203.269
AAMDC	TSS22065	chr11:77532200	6.78274	8.83094
STRADB	TSS32885	chr2:202316390	2.01477	2.64295
DTD2	TSS30092	chr14:31915240	2.42191	6.87497
DPH5	TSS27084	chr1:101455170	8.59237	20.5373
POT1	TSS1475	chr7:124462430	6.94328	4.16888
DCUN1D5	TSS6756	chr11:10292140	1.54972	4.58122
RBBP9	TSS3963	chr20:18467180	2.97144	4.80954
ANKRD28	TSS23402,TSS	chr3:157087430	2.99324	5.43228
PNPT1	TSS21977	chr2:558611970	2.89762	14.9796
CRLS1	TSS21833,TSS	chr20:59867380	4.1626	10.7018
NUDT1	TSS25017,TSS	chr7:22818560	12.3641	42.6037
OMA1	TSS442	chr1:589463900	3.98652	7.81882
QARS	TSS24589	chr3:491333640	24.527	46.5781
KIF13B	TSS11667	chr8:289247940	4.02455	2.99013
NSUN2	TSS30156	chr5:659935100	19.0027	59.8452
NDUFS4	TSS7517	chr5:528564640	18.8143	41.0417
RICTOR	TSS26512	chr5:389380220	18.794	7.46573
PSD4	TSS33990	chr2:113931550	20.7479	33.9868
RPS6KA1	TSS30591,TSS	chr1:268562480	23.0948	38.0538
ZBTB1	TSS27558	chr14:64971290	28.6925	15.442
DNHD1	TSS27480	chr11:65185250	0.984314	1.23043
NEAT1	TSS33133	chr11:65190260	190.367	104.448
HAT1	TSS8424	chr2:172778930	14.125	37.0563
AKAP13	TSS28060,TSS	chr15:85923840	25.3585	26.9025
GUSB	TSS4562	chr7:654256710	10.2938	8.11251
ZNF775	TSS21778	chr7:150076400	3.20345	1.83735
C19orf44	TSS5716	chr19:16607120	2.31755	2.02992
TSPAN17	TSS28789	chr5:176074380	5.08383	10.131
SYNJ1	TSS7245,TSS8	chr21:34001060	0.941583	0.761918
CCDC126	TSS24672	chr7:236369970	2.60309	2.67321
FXN	TSS31578	chr9:716504780	0.954378	4.58611
BBS1	TSS32572	chr11:66278110	2.05648	2.33734
MRPS31	TSS20377	chr13:41303430	5.76024	22.4458
METTL10	TSS5762	chr10:12644630	2.76022	6.05746

C6orf1	TSS12969	chr6:34214156-	13.2688	14.1027
ZNF672	TSS28926	chr1:249132370-	7.59915	14.1929
TPRN	TSS6760	chr9:140086068-	2.99452	6.18223
MTCH2	TSS23220	chr11:47638857-	7.62247	25.5667
UXS1	TSS30321,TSS	chr2:106709758-	5.86857	7.89696
TDP1	TSS2262	chr14:90422245-	3.04672	8.78708
PHF7	TSS15120,TSS	chr3:52444576-	0.5871	1.39517
INPP5D	TSS4598	chr2:233924670-	62.7003	51.6269
PLEKHO2	TSS16139	chr15:65134087-	14.1118	11.0587
ISG20L2	TSS19452	chr1:156691682-	12.2158	24.0809
VAMP7	TSS24896	chrX:155110945-	4.58845	7.39278
CARD11	TSS32258	chr7:29457097-	20.9289	24.5063
ARCN1	TSS23685	chr11:11844310-	20.3802	34.2947
ATP5J2	TSS14482	chr7:99055783-	45.1999	179.09
METTL9	TSS26428,TSS	chr16:21608547-	14.5073	17.6486
ZNF274	TSS11502	chr19:58694355-	15.6659	12.1078
BZW1	TSS1055,TSS6	chr2:201676268-	18.4125	47.2044
TOR3A	TSS3233	chr1:179051117-	18.4856	22.0578
DNAJC3	TSS31438	chr13:96329392-	6.42787	7.75867
FAM173B	TSS23601	chr5:10225619-	2.58327	4.31066
EML4	TSS14657	chr2:42396477-	18.5562	12.1718
C12orf73	TSS12655	chr12:10434398-	0.10925	3.21568
CCNJ	TSS20073	chr10:97803158-	1.87515	3.74591
SWT1	TSS19781,TSS	chr1:185126197-	4.12087	1.75295
HDAC1	TSS5693	chr1:32757707-	46.6442	95.4265
ZNF417	TSS28727,TSS	chr19:58417147-	8.73132	4.76683
EIF2S3	TSS17812	chrX:24073064-	29.5164	53.7034
ZNF22	TSS10602	chr10:45496272-	13.5877	25.2891
CACYBP	TSS1914,TSS2	chr1:174968570-	18.7577	23.4711
RABGGTA	TSS24369	chr14:24734745-	3.19594	18.6134
HEATR1	TSS29062	chr1:236712304-	5.88056	22.6999
CTU2	TSS19001	chr16:88772890-	4.42811	22.7337
NUP35	TSS18378,TSS	chr2:183982217-	5.14672	12.4674
EPN1	TSS25575,TSS	chr19:56186560-	10.3835	19.3118
SCO1	TSS27960	chr17:10583648-	8.86382	19.7826
IPO9	TSS31579	chr1:201798287-	4.0731	5.56011
ABHD10	TSS22769	chr3:111697722-	6.83506	6.8171
PAR6B	TSS11650	chr20:49348080-	1.44347	1.15459
DKFZP434I071	TSS11341	chr4:153457415-	1.42737	1.62893
CMTR1	TSS18601	chr6:37400906-	11.6213	11.6852
ZNF429	TSS27399	chr19:21688436-	1.99631	1.60362
PHKG1	TSS23522	chr7:56147975-	0.0258732	0.632947
LOC100505549	TSS13103	chr18:55297533-	4.9046	9.2617
FAM86DP	TSS31660	chr3:75470702-	0.738203	3.69772
MBLAC2	TSS6379	chr5:89754019-	0.922421	1.60823
WNK1	TSS19072	chr12:8620887-	17.8936	18.7462
DHRS4	TSS26427	chr14:24422945-	4.88904	14.3639
AKIRIN2	TSS33641	chr6:88384577-	21.3013	26.9154
SRP14-AS1	TSS11127	chr15:40331517-	4.33105	4.96027
PPRC1	TSS20980	chr10:10389275-	5.42945	24.268
PPIL2	TSS13972	chr22:22020272-	6.76068	12.6361
SSB	TSS3978,TSS9	chr2:170655327-	28.3782	88.5851
PCBP1-AS1	TSS32721	chr2:70189394-	0.976848	0.981783
ABCE1	TSS26326	chr4:146019155-	5.93223	30.9869
VEZT	TSS20606	chr12:95611527-	11.1376	9.44768

MDH2	TSS26407	chr7:75677336-	26.1342	108.331
PPM1A	TSS19238,TSS	chr14:60712469-	8.69677	7.99512
CREBL2	TSS21939	chr12:12764766-	6.62062	6.23053
NBPF9	TSS17511	chr1:144614958-	7.71608	4.12316
CEP295	TSS27467	chr11:93394815-	2.86289	2.14613
PLCG1	TSS19988	chr20:39766160-	4.5873	3.6731
CDK5	TSS11903	chr7:150750898-	0.690425	5.92063
CPSF2	TSS33543	chr14:92588297-	7.84127	13.0901
SENP2	TSS7566	chr3:185304030-	6.6107	10.4671
THAP3	TSS20295,TSS	chr1:66849246-	8.32322	7.6296
ABCA11P	TSS1668	chr4:419223-46	3.36644	2.86919
LINC00893	TSS28915	chrX:14860913-	1.98317	0.357465
TTL	TSS22211	chr2:113239742-	3.12946	4.16871
RPN2	TSS3666	chr20:35807455-	30.2667	58.2595
MLXIP	TSS27410	chr12:12251665-	8.26931	7.67644
PRDX5	TSS22314	chr11:64085559-	48.9935	106.086
EARS2	TSS33022	chr16:23533333-	1.8896	8.39324
ZNF691	TSS13319	chr1:43312243-	2.91513	4.4718
KNOP1	TSS23726	chr16:19717675-	4.27805	11.9246
ZBED5-AS1	TSS12228	chr11:10879765-	4.71282	4.47292
NEURL2	TSS24930	chr20:44517110-	0.491047	1.14554
TSC1	TSS7076	chr9:135766732-	8.18763	6.01109
SLC25A39	TSS14374	chr17:42396992-	21.7707	71.0092
TAF1A	TSS19212	chr1:222731242-	3.72198	7.46912
CCSER2	TSS10938,TSS	chr10:86088342-	6.17521	4.0941
STARD5	TSS18048	chr15:81605006-	3.98952	5.53671
PNO1	TSS26829	chr2:68385004-	3.76839	32.92
HYPK	TSS6703	chr15:44092618-	11.6153	69.0221
SLC38A2	TSS19992	chr12:46751970-	81.4503	56.6503
SLC16A13	TSS18644	chr17:6939393-	2.82082	2.1236
SUPT16H	TSS21934	chr14:21819630-	19.983	46.3233
ACP2	TSS11228,TSS	chr11:47260852-	4.50149	4.11454
ZCCHC6	TSS6481	chr9:88902647-	11.7223	7.42031
OSTCP1	TSS17438	chr6:159262157-	0.408253	0.376381
EEA1	TSS18741	chr12:93166282-	2.76334	5.09437
IKZF1	TSS11944,TSS	chr7:50343678-	22.4766	24.98
TBL1XR1	TSS13781	chr3:176738547-	23.2699	19.2842
TAB2	TSS21477,TSS	chr6:149539059-	22.3459	14.1317
TXLNA	TSS33905	chr1:32645344-	11.1594	23.8966
EIF3E	TSS15684	chr8:109213977-	92.9083	165.233
SNHG7	TSS19620	chr9:139619045-	61.2318	50.2457
HNRNPCL2	TSS1680	chr1:13182959-	0.274523	0.643321
GTF3C6	TSS32435	chr6:111279762-	14.7734	52.5927
PDP2	TSS32691	chr16:66914382-	1.24137	3.0603
HERC3	TSS25988	chr4:89513573-	5.56825	2.70274
S100PBP	TSS2780,TSS8	chr1:33283042-	3.36283	1.63949
SCAMP3	TSS1130	chr1:155225769-	24.8753	47.9683
LOC100996251	TSS32774	chr1:113554308-	0.582759	0.437096
LPIN2	TSS19920	chr18:2916991-	9.03067	4.30599
SUCLA2	TSS3458	chr13:48516790-	3.13096	8.87882
KDM3A	TSS23647,TSS	chr2:86668270-	21.6697	9.90732
CNTROB	TSS29674	chr17:7835441-	4.14778	5.35457
TRAPPC6A	TSS17403	chr19:45666185-	14.7799	24.6774
ZNF473	TSS1823	chr19:50529062-	2.18998	3.41325
TAF9	TSS17710,TSS	chr5:68660569-	18.479	38.7989

LOC388242	TSS26915	chr16:3021563-	1.14176	0.488723
ZSWIM7	TSS32921	chr17:1587987-	3.52508	5.97996
ATAD3B	TSS3092	chr1:1407163-	8.84235	44.0108
LINC00202-1	TSS27343	chr10:2722013-	0.482942	0.527216
HCG25	TSS8133	chr6:33217312-	0.368773	0.487091
CBX1	TSS16434,TSS	chr17:4614741-	10.6511	13.2343
SCLT1	TSS5404	chr4:12980514-	2.35103	3.89093
NOC2L	TSS9465	chr1:879582-89	10.5564	52.6956
MRPS33	TSS23097,TSS	chr7:140705960	11.0691	48.4556
SMG6	TSS24208,TSS	chr17:1963132-	10.6117	9.73238
MRPL39	TSS25390	chr21:2695796-	15.9832	41.7457
ZC3H6	TSS7834	chr2:11303317-	2.85258	0.938032
TBC1D15	TSS31949	chr12:72233480	14.2329	8.24992
ING2	TSS4153,TSS5	chr4:18442620-	1.092	2.09887
ZNF268	TSS19563,TSS	chr12:1337579-	3.77849	3.3103
HGH1	TSS29696	chr8:14519267-	1.25748	7.0627
ZNF534	TSS23801	chr19:52934660	0.0651635	0.582371
PRKD2	TSS15944,TSS	chr19:4717757-	19.3464	16.1965
LTBP4	TSS12724,TSS	chr19:4109907-	5.09738	5.31467
MED13L	TSS16745	chr12:11639630	21.19	9.47872
MRS2	TSS7721	chr6:24403135-	6.44465	15.2192
CAMTA1	TSS10270	chr1:6845383-	17.4387	35.676
HNRNPD	TSS16695	chr4:83274466-	84.4354	179.66
SERHL2	TSS8332	chr22:4294986-	2.37946	1.65418
AGPAT3	TSS19472,TSS	chr21:4528511-	6.79126	12.1157
NSF	TSS23215	chr17:4466803-	6.97693	16.2796
ABCC1	TSS26086	chr16:1604343-	9.94565	12.8678
YBX1	TSS5557	chr1:43148065-	116.865	481.728
PPP2R5B	TSS12295	chr11:6469214-	2.14649	2.54882
HADHB	TSS23994	chr2:26467615-	17.5109	29.7312
PCED1A	TSS30309,TSS	chr20:2815960-	3.49971	3.25001
ARHGEF18	TSS16862,TSS	chr19:7459998-	17.3921	20.2377
RPL36A	TSS1776	chrX:10064587-	2.83831	5.24284
SLC16A7	TSS17964,TSS	chr12:59989820	1.12779	2.21717
APOM	TSS11332,TSS	chr6:31620186-	0.989374	0.768199
NUP93	TSS22558,TSS	chr16:56764010	5.0104	31.6485
APBB3	TSS15948	chr5:13993785-	3.96876	1.34759
CYP4V2	TSS29091	chr4:18711267-	2.00328	1.26113
PRICKLE4	TSS1963	chr6:41748499-	0.05636	0.829491
DOT1L	TSS656	chr19:2164147-	3.03611	13.7038
LBR	TSS22184,TSS	chr1:22558920-	51.8286	37.2599
RPUSD3	TSS12759	chr3:9879532-	4.99256	19.408
SNHG9	TSS9438	chr16:2014996-	21.6092	38.3604
IFT74	TSS2090,TSS3	chr9:26947036-	4.18958	3.71818
SP2-AS1	TSS16282	chr17:4597575-	0.907048	0.97533
SMCHD1	TSS4760	chr18:2655885-	45.8353	24.133
GTDC1	TSS11978,TSS	chr2:144703580	1.40788	3.95409
MARS	TSS1799	chr12:5788173-	34.0091	80.2336
CCDC117	TSS24723,TSS	chr22:2916866-	11.8847	10.399
MRPS6	TSS1796	chr21:3544582-	36.7954	67.3439
CLEC16A	TSS26116	chr16:1103834-	5.6934	18.5389
AMZ2P1	TSS27364	chr17:6296266-	1.51218	1.67157
ATG4C	TSS26327	chr1:63249776-	3.05713	9.57189
GRHPR	TSS20761	chr9:37422706-	31.8378	70.4274
NDUFAB1	TSS9537	chr16:2359233-	21.6503	147.552



PMS1	TSS32102	chr2:190648810	3.8284	6.3691
SNHG16	TSS11380	chr17:7455384	3.99193	53.2949
QPCTL	TSS19984	chr19:46195740	4.1996	8.36724
GNAI2	TSS11040,TSS	chr3:50264119-	84.5879	80.6952
GHRLOS	TSS24668	chr3:10322635-	1.81206	0.671974
PYCR2	TSS24215	chr1:226107570	17.774	45.9615
CCT7	TSS21488	chr2:73461363-	69.1356	304.816
SCRN3	TSS19744	chr2:175260450	1.25287	2.94128
POMT2	TSS24937	chr14:77741290	2.24981	2.91326
DECR1	TSS155	chr8:91013579-	10.4561	30.3883
LOC100129138	TSS10978	chr1:104615640	0.939766	1.51874
NABP2	TSS865	chr12:56618120	6.82186	21.8888
ATXN10	TSS6987	chr22:46067670	11.4756	28.7665
NUBPL	TSS24163,TSS	chr14:32030590	0.79919	4.4105
RPA4	TSS14749	chrX:96138906-	0.363196	0.211025
TIMM10	TSS9594	chr11:57295930	18.0671	81.2704
FNDC8	TSS28733	chr17:33448630	0	0.625174
COX10-AS1	TSS2814	chr17:13932600	1.78267	3.03362
COX7A2	TSS13216	chr6:75947390-	49.2825	196.721
CEP85L	TSS7350,TSS8	chr6:118781930	3.87574	2.02939
NIPA2	TSS31526	chr15:23004680	21.534	47.8235
CTAGE9	TSS1323	chr6:132029580	0.0787159	0.148138
CRHR1-IT1	TSS7993	chr17:43716340	1.03488	1.92116
ETS1	TSS16861,TSS	chr11:12832860	47.8187	53.6386
SETD6	TSS28175	chr16:58549380	2.04946	5.54244
LOC391322	TSS24033	chr22:24373110	3.3183	5.5477
LYRM4	TSS17350	chr6:51086520-	14.2782	45.4077
MAST3	TSS10720	chr19:18208600	12.5022	8.0537
MED20	TSS16713,TSS	chr6:41873090-	8.21654	9.39238
PQLC2	TSS32372	chr1:19638739-	5.23	3.57741
PPM1G	TSS15938	chr2:27604065-	18.2992	67.6104
THAP9	TSS12103	chr4:83821836-	1.83233	1.56219
SOAT1	TSS21652	chr1:179262840	3.94775	4.27461
IFNAR2	TSS109	chr21:34602190	7.58047	14.4938
IQCE	TSS12772	chr7:25986050-	1.44985	2.30421
GTPBP4	TSS22225	chr10:1034348-	13.8894	70.0406
CCT8	TSS477	chr21:30428640	32.3105	124.983
LOC101927204	TSS11643	chr11:58901440	1.54386	0.83835
NUDCD2	TSS314	chr5:162880580	13.4421	37.3572
PITPNM1	TSS4740	chr11:67259230	13.7887	11.9809
RRP15	TSS15733	chr1:218458620	1.76561	8.04636
MRPL42	TSS5192	chr12:93861260	2.88944	14.8611
LRWD1	TSS21774	chr7:102105380	18.3996	19.7592
GNRHR2	TSS10510,TSS	chr1:14550975-	9.55E-07	0.0632926
HGH1	TSS11021	chr8:145437870	1.31761	7.30418
PFDN2	TSS11564	chr1:161070340	31.9016	144.104
TBC1D3P1-DT	TSS8058	chr17:58053380	3.75525	4.63116
ABCF2	TSS3563	chr7:150904920	6.50416	36.2613
ARFGAP3	TSS15863	chr22:43192530	16.184	24.1173
SKAP2	TSS22578,TSS	chr7:26706680-	15.7688	15.0176
CUEDC2	TSS13517	chr10:10418300	16.6839	35.9536
MIPEP	TSS20730	chr13:24304320	3.00999	6.0526
HCG11	TSS14185	chr6:26521933-	3.81987	3.37712
MRPS30	TSS10979	chr5:44809026-	12.9328	29.517
PSMD1	TSS30263	chr2:231921570	39.7988	74.1267

MLYCD	TSS31737	chr16:83932729	3.57642	6.35035
FAM111A	TSS10657,TSS	chr11:58910317	8.02835	6.25737
NPC2	TSS18373	chr14:74946642	102.716	47.1427
LINC00662	TSS19510	chr19:28281400	1.52659	1.73739
ZNF614	TSS14183	chr19:52516576	2.04037	4.02467
SLC50A1	TSS16940,TSS	chr1:155107819	11.4028	24.2234
ELK1	TSS25255	chrX:47494918	8.81028	13.0563
LOC100507373	TSS31781	chr19:14247960	1.27209	0.403396
RPS17	TSS18808,TSS	chr15:83205500	431.078	862.665
ZNF641	TSS31621,TSS	chr12:48733792	3.4506	2.23453
ZNF197	TSS10439	chr3:44666510	3.85475	4.24538
BOLA1	TSS21645	chr1:149871152	3.1392	9.27362
LOC648987	TSS11851,TSS	chr5:43014830	2.4862	2.77713
ARSK	TSS16901	chr5:94890824	1.16751	1.24894
EMB	TSS28440	chr5:49692030	22.6975	15.6015
BRWD1	TSS13275	chr21:40557400	9.88441	5.60839
ZSWIM4	TSS15859	chr19:13906270	1.68135	1.41262
EEF2K	TSS9319	chr16:22217597	2.58397	4.04334
HSP90AB4P	TSS30109	chr15:58982677	1.05275	0.661372
LIMS1	TSS17944,TSS	chr2:109150810	3.80308	7.32924
NSMCE2	TSS13279	chr8:126104082	8.46424	21.6958
EIF4B	TSS30481	chr12:53400047	69.7711	96.7386
LOC101928525	TSS23521	chr9:138395118	0.582527	0.963199
CAPRIN1	TSS33817	chr11:34073229	18.8261	53.8503
SLMO2	TSS12278	chr20:57608199	15.4371	35.1493
SEPT7P9	TSS24796	chr10:38671997	0.0929375	0.192491
CFDP1	TSS21417	chr16:75327607	8.28182	21.2002
ZNF616	TSS5540	chr19:52617652	2.99634	3.1113
DIAPH2	TSS19784	chrX:95939661	1.63861	3.74002
CCDC127	TSS26846	chr5:20487427	4.36812	8.16802
NUP160	TSS5830	chr11:47799669	9.67188	14.9322
LOC101927765	TSS27879,TSS	chr1:234508552	6.38758	3.30996
CIRH1A	TSS26452	chr16:69166498	7.48998	41.2
ISYNA1	TSS10428,TSS	chr19:18545197	2.59859	4.15303
ATAD3C	TSS32081	chr1:13850687	0.787149	3.48683
SPATA25	TSS11688	chr20:44515129	1.96146	0.527155
FAM161B	TSS26416	chr14:74399692	2.49618	0.539908
LOC401010	TSS23639	chr2:132199730	1.55764	6.22618
UQCRCQ	TSS9512	chr5:132202318	7.49487	41.7943
DLD	TSS24529	chr7:107531557	8.38397	28.2801
ST3GAL4	TSS25160,TSS	chr11:12622550	0.240454	4.11323
ST7L	TSS31484,TSS	chr1:113066140	1.35631	0.700463
NEMP2	TSS28177	chr2:191371618	2.01842	1.74826
ADD3	TSS29487,TSS	chr10:11176572	17.329	14.5125
CCBL2	TSS21110	chr1:89401455	6.58324	11.0641
ATP8A1	TSS2407	chr4:42410391	5.57676	3.78494
NUP210	TSS7003	chr3:13357729	16.6192	23.7002
AURKAPS1	TSS18321	chr1:220439520	2.09904	0.318156
EHD1	TSS15633,TSS	chr11:64620198	36.8013	86.322
COA6	TSS13381,TSS	chr1:234509182	15.5983	71.081
ZBTB8OS	TSS25899	chr1:33086816	7.05246	10.5156
ZDHH4	TSS34212	chr7:66170647	6.90332	12.4567
LETMD1	TSS18674,TSS	chr12:51442087	12.8499	11.7355
MTO1	TSS2789	chr6:74171453	8.58856	10.3793
SNRNP48	TSS2912	chr6:75904317	8.32055	6.40341

FOXRED1	TSS25412,TSS	chr11:12613890	4.06158	13.7988
RRS1-AS1	TSS31517	chr8:67331821-	0.208408	0
GRK5	TSS2166	chr10:12096710	14.3138	8.11899
ZNF583	TSS22525,TSS	chr19:56915380	2.28819	2.16384
OSBPL9	TSS32583,TSS	chr1:52082545-	7.92287	15.5779
MAPK7	TSS15527,TSS	chr17:19281030	2.9371	3.50754
MAGIX	TSS21246	chrX:49019180-	0.712408	0.295945
SAE1	TSS20486,TSS	chr19:47634070	16.4959	37.232
FBXW8	TSS15910	chr12:11734870	1.84782	3.00688
PGAM4	TSS16930	chrX:77223457-	3.06729	10.1104
RPS17	TSS11104,TSS	chr15:82821150	417.134	852.315
TET3	TSS21138	chr2:74213530-	4.29256	5.23147
ABHD16A	TSS12697,TSS	chr6:31654725-	8.7077	10.0958
ZNF506	TSS33134	chr19:19903510	7.42239	6.84478
SDHAP1	TSS30426	chr3:19568679-	11.4338	5.71667
TMEM187	TSS2976	chrX:153237990	1.3615	0.581117
GCFC2	TSS11517,TSS	chr2:75889831-	3.28841	8.85346
RNF11	TSS18751	chr1:51701944-	12.0892	10.6903
SRFBP1	TSS805	chr5:121297650	1.98363	8.83883
EIF3B	TSS18798	chr7:23944730-	29.0114	140.897
PSME2	TSS8964	chr14:24612570	10.9533	49.7839
SETSIP	TSS10336	chr1:92539992-	2.97433	15.2016
KIZ	TSS10752	chr20:21106620	8.07184	4.6778
POGK	TSS11414	chr1:166808720	10.6008	17.5743
ME2	TSS17627	chr18:48405430	8.93734	20.5907
SUCLG2	TSS8265	chr3:67410883-	4.32669	12.7287
RECQL5	TSS20255	chr17:73622920	3.44508	4.46343
PPIP5K1	TSS28228,TSS	chr15:43825650	2.4147	3.57976
PI4K2A	TSS10123	chr10:99400440	7.41523	5.96373
DMPK	TSS16837,TSS	chr19:46272960	4.14208	2.10982
TPP1	TSS9101	chr11:66339960	27.6693	30.3514
CEP97	TSS31900	chr3:101443430	2.61493	2.80352
MAP6D1	TSS31455	chr3:183533660	0.592153	0.540416
BRMS1L	TSS9155	chr14:36295590	3.8461	3.57854
ZNF812	TSS18408	chr19:98008130	0.565107	0.548472
SMURF2	TSS10905	chr17:62540730	8.48783	4.14693
RARS	TSS30938	chr5:167913460	16.2842	64.0557
NR1D2	TSS17508,TSS	chr3:23986750-	16.7763	9.31847
B4GALT4	TSS31849	chr3:118930580	5.21551	4.08463
MRPL51	TSS29361	chr12:66013150	47.1887	168.441
MPPE1	TSS10033	chr18:11883470	4.10473	1.94994
TAPBPL	TSS8848	chr12:65611760	7.19498	6.51109
ACAD9	TSS3083	chr3:128598330	5.03201	12.8361
TRIM34	TSS17385,TSS	chr11:56411730	5.3619	3.71999
CDRT15P1	TSS15730	chr17:13927810	1.2714	0.835774
ATL3	TSS12386,TSS	chr11:63391550	7.7921	10.2032
DNAJC11	TSS33032	chr1:66942270-	5.5212	29.9632
AASDHPPT	TSS9443	chr11:10594820	9.96539	22.3771
PNPLA6	TSS13360,TSS	chr19:75990370	13.936	20.6727
IDNK	TSS3045	chr9:86237963-	2.72438	3.27364
DEDD2	TSS13330,TSS	chr19:42702740	37.8612	15.2044
MTMR3	TSS22603	chr22:30279150	8.37774	5.40045
POLR2D	TSS24656	chr2:128603830	5.02225	29.5686
CIR1	TSS3746	chr2:175212870	25.4493	22.7986
C3orf62	TSS16415	chr3:49306029-	2.55766	1.77227

TMED3	TSS8138	chr15:79603400	12.9997	23.8336	
C12orf45	TSS31453	chr12:10538000	8.41636	23.0322	
SLC25A22	TSS17495,TSS	chr11:79047400	1.62613	8.69156	
B4GALT1	TSS10409	chr9:331106380	24.1562	31.7145	
C19orf71	TSS19168	chr19:35391540	1.32178	1.21911	
MRPS11	TSS16557	chr15:89010680	7.95093	20.2424	
FARSA	TSS5464	chr19:13033280	15.2945	84.7033	
INO80B	TSS20861	chr2:746821490	6.50989	24.9201	
SCARNA16	TSS1859	chr17:75085380	4.14246	12.3394	
LOC730183	TSS7981	chr16:30709020	4.91299	7.17127	
C21orf91	TSS20054	chr21:19161280	5.9279	6.68467	
PDE8A	TSS21120,TSS	chr15:85523740	2.81691	7.6648	
LUZP1	TSS33254	chr1:234105150	2.93997	3.4512	
IVD	TSS27544	chr15:40697680	4.04812	9.99058	
SLC2A4RG	TSS19583	chr20:62371210	14.1639	5.00281	
PVRIG2P	TSS14947	chr7:999499400	4.83115	5.88821	
FAM98B	TSS34227	chr15:38746320	3.55579	9.18835	
PENT	TSS16385,TSS	chr17:17408870	3.49048	15.5992	
ZNF322	TSS11166	chr6:266346100	3.15363	3.42508	
SCAPER	TSS411,TSS86	chr15:76640520	2.75377	1.81858	
EDRF1	TSS16834	chr10:12740800	4.58308	4.84725	
MOB3A	TSS17288	chr19:20710340	43.7982	41.0679	
DPP9-AS1	TSS9599	chr19:46792930	0.688325	1.08401	
TRUB1	TSS33954	chr10:11669790	1.68299	7.07039	
KHSRP	TSS2833	chr19:64131180	19.5261	59.8418	
CDKN1B	TSS28801	chr12:12870200	38.9766	18.5833	
MBIP	TSS18909	chr14:36767760	4.24309	9.8984	
CDRT1	TSS5145	chr17:15468790	0.206098	0.621698	
WDR91	TSS20663	chr7:134868580	5.22554	4.74709	
APOL2	TSS28424,TSS	chr22:36622250	20.0045	13.1557	
GOLGA6L3	TSS25010	chr15:85783640	0.261282	0.197799	
NLK	TSS15238	chr17:26369680	2.65894	3.24347	
SPRYD4	TSS8160	chr12:56862300	4.81786	9.09378	
CNPY3	TSS628	chr6:428968590	37.7626	32.3633	
DHX33	TSS15641	chr17:53442310	2.15509	13.9321	
SEMA4D	TSS9251	chr9:919757050	34.855	12.11	
MECR	TSS20530	chr1:295191680	0.439351	5.93025	
ZNF837	TSS5242	chr19:58878980	1.41774	1.73089	
HMGN2	TSS15337	chr1:267989010	53.8645	56.5608	
GCC2	TSS3341	chr2:109065570	13.8033	8.6951	
CAT	TSS15779	chr11:34460470	14.7156	12.1659	
SRI	TSS13259,TSS	chr7:878344310	11.391	48.175	
MAN2B2	TSS10535	chr4:657690000	5.67433	5.77655	
CPSF3	TSS1103	chr2:956366500	7.93107	23.0205	
LIN37	TSS30230	chr19:36239260	9.24068	8.46082	
NOP2	TSS26854	chr12:66660350	12.7936	60.515	
ALYREF	TSS33666	chr17:798457100	27.6281	111.978	
SLC36A4	TSS1648,TSS2	chr11:92877330	2.79049	2.70352	
ZBTB37	TSS33928	chr1:173837490	2.06175	2.32866	
ATP5S	TSS8413	chr14:50779040	5.05242	6.13134	
	14-Sep	TSS23068	chr7:558612360	0.0210517	0.00985305
PEPD	TSS18079	chr19:33877850	12.6178	26.9255	
PEA15	TSS13648	chr1:160175100	42.3024	79.2304	
ZMYND8	TSS24281	chr20:45837850	5.07734	11.7766	
MLLT10P1	TSS3330	chr20:29637580	0.643252	0.58364	

FAM177A1	TSS11311,TSS	chr14:35514111	4.85265	4.50473
SMIM15	TSS31094	chr5:60453535-	9.20098	14.2441
PSTK	TSS23702	chr10:12473951	1.00203	1.13276
LOC100506730	TSS13274	chr1:19619740-	1.09463	1.09758
NUP88	TSS5963	chr17:5289345-	18.3248	37.5528
SH3KBP1	TSS19029,TSS	chrX:19552082-	16.7002	50.9616
LYPLA1	TSS15092,TSS	chr8:54958926-	9.42697	24.672
AGER	TSS3965	chr6:32148744-	4.30575	1.56448
RNGTT	TSS20234	chr6:89319615-	4.26835	8.14061
ZNF668	TSS10098,TSS	chr16:31072161	4.53297	6.84587
MLEC	TSS20180,TSS	chr12:12112491	8.58898	29.0855
ZSCAN26	TSS7578,TSS7	chr6:28234787-	3.67447	3.48896
TXNDC17	TSS25402	chr17:6544221-	3.71827	13.0517
XRCC1	TSS20906	chr19:44047461	5.68699	11.193
SDHAP2	TSS34194	chr3:195384901	14.1645	5.93004
TXNL1	TSS4698	chr18:54270051	49.9566	69.5951
LOC101927151	TSS20674,TSS	chr19:28284371	2.27349	4.88159
TCERG1	TSS433	chr5:145826871	15.6486	33.0197
ARHGEF7	TSS13642,TSS	chr13:11176761	14.7696	21.8278
TESK2	TSS27424	chr1:45809554-	8.62715	3.78285
TIPRL	TSS28131	chr1:168148081	8.09273	22.1013
GDPD1	TSS6573	chr17:57297821	0	0.916786
PGD	TSS29891,TSS	chr1:10459048-	43.4004	115.444
CCDC39	TSS23447	chr3:180331791	0.418376	0.75265
N6AMT2	TSS27693	chr13:21303071	0.709032	5.41806
ZNF567	TSS11285,TSS	chr19:37178511	3.48975	3.27951
TMEM107	TSS17551	chr17:8076296-	3.04076	1.16406
DHRS7	TSS10170	chr14:60611491	31.1957	32.7843
PLEKHM1	TSS32443	chr17:43513261	10.3278	6.79581
GFM2	TSS4506	chr5:74017028-	7.52036	9.92414
ZNF175	TSS28645	chr19:52074531	4.05611	3.17506
RERE	TSS32348,TSS	chr1:8412463-1	13.2935	14.3715
TBX19	TSS19652	chr1:168250271	1.19331	0.534829
GABPB1-AS1	TSS30346	chr15:50646371	3.71378	2.35256
BCKDHA	TSS7096	chr19:41903691	6.95097	23.4233
MRPS15	TSS31045	chr1:36921361-	14.1479	60.9672
RAD21	TSS20355	chr8:117858171	45.7841	41.576
DOHH	TSS3107,TSS9	chr19:3490818-	9.83494	24.415
SLC25A12	TSS4102	chr2:172639911	1.89655	5.71478
HUWE1	TSS21303	chrX:53559056-	18.478	29.5983
ERH	TSS10082	chr14:69846831	62.9252	193.748
CD320	TSS14411	chr19:8367010-	7.07326	37.2577
ARAP1	TSS11953,TSS	chr11:72396111	21.4235	21.2794
NUTM2A	TSS21579	chr10:88985201	1.41596	1.21131
SENP7	TSS29072	chr3:101043031	3.98573	2.89552
NAA15	TSS230	chr4:140222671	9.10176	27.6853
HPCAL1	TSS11560,TSS	chr2:10443029-	20.1665	17.5404
LINC00910	TSS30214	chr17:41447211	2.48675	0.797991
CBWD5	TSS23660	chr9:70432003-	14.8674	43.4763
LRRRC46	TSS29841	chr17:45908991	0.498753	0.202326
LSM11	TSS11201	chr5:157170701	1.45543	1.66417
LOC728752	TSS30094	chr19:36980521	1.46953	0.873856
TRIM35	TSS10400	chr8:27142402-	3.8685	4.9476
PRKACA	TSS18665,TSS	chr19:14202501	7.65287	11.877
SMARCA5	TSS30981	chr4:144434611	11.7201	22.1467

FAM45A	TSS16145	chr10:1208635-	0.112194	1.47101
RPS2P32	TSS1674	chr7:23530006-	1.60244	1.63073
GEMIN2	TSS19417	chr14:3958348-	3.66948	4.76957
PSMB8	TSS29266,TSS	chr6:32808493-	24.2514	74.3861
ZNF564	TSS4630	chr19:1263618-	5.93838	4.60026
CEP68	TSS12913	chr2:65283494-	8.04078	6.41874
SFXN5	TSS3171	chr2:73169164-	2.69686	2.83198
GMPPB	TSS22685	chr3:49758908-	2.11282	13.0138
C8orf33	TSS8800	chr8:14627782-	10.362	30.2448
HDGF	TSS18887,TSS	chr1:15671189-	39.1685	121.991
C8orf44-SGK3	TSS16782	chr8:67579786-	3.68747	0.799666
RBP5	TSS17719	chr12:7276279-	0.323359	0.292593
SAC3D1	TSS21948	chr11:6480837-	2.58993	4.38171
LINC01481	TSS170	chr12:7061596-	3.45588	4.3214
TMSB4X	TSS28707	chrX:12993225-	701.711	3949.23
HNF1A	TSS17307	chr12:1214163-	0.449101	0.347606
NQO2	TSS18186	chr6:3000049-	19.3407	30.7519
GLYCTK	TSS96	chr3:52321835-	2.86784	1.98866
LINC00959	TSS8280	chr10:1318621-	0.582681	0.451101
LOC101927021	TSS26515,TSS	chr7:1200009-	0.892062	1.58592
THAP2	TSS33185	chr12:7205767-	1.291	0.835458
ACTR3C	TSS10636,TSS	chr7:14994430-	1.76874	2.89666
IQCH-AS1	TSS5897,TSS7	chr15:6769594-	1.6655	1.68714
UNC119	TSS29510	chr17:2687372-	13.1736	22.1945
POLR3D	TSS19402	chr8:22102618-	5.65374	11.7768
HDDC3	TSS11066	chr15:9147414-	3.81951	13.0176
C9orf142	TSS6690	chr9:13988686-	17.7585	19.6434
COA1	TSS3968	chr7:43670750-	20.9018	22.1438
CWF19L2	TSS22879	chr11:1071970-	24.073	11.759
PES1	TSS18331,TSS	chr22:3097261-	14.7306	91.354
DNAJC1	TSS24813	chr10:2204547-	5.20676	4.39198
ANKH	TSS8358	chr5:14704908-	7.93865	4.78169
RBPJ	TSS18019,TSS	chr4:26321331-	7.47904	14.7284
TMEM175	TSS22600	chr4:926174-9-	1.50374	2.0137
KIAA0753	TSS6452	chr17:6481644-	1.81791	2.77093
PDCD5	TSS31225	chr19:3307209-	13.4919	86.2589
SLC2A8	TSS33667	chr9:13015941-	1.57847	2.91156
TPP2	TSS27656	chr13:1032492-	13.073	17.507
ACAA2	TSS16696	chr18:4730987-	8.11458	15.3088
LOC100289580	TSS22132	chr16:8879758-	0.441271	0.246886
RPRD1A	TSS4433	chr18:3356978-	8.38495	12.8671
CCDC88B	TSS19717	chr11:6410768-	17.355	20.881
LOC541473	TSS28484	chr7:72440164-	1.68E-05	0.342098
TTLL3	TSS7541	chr3:9851643-	1.6915	0.874967
OTUD5	TSS11954,TSS	chrX:48779302-	26.2702	29.344
MRPL35	TSS1260	chr2:86426555-	4.88579	20.3021
DUS4L	TSS24171	chr7:10720440-	1.57135	2.6804
MAPKAPK2	TSS13432	chr1:20685836-	27.4362	30.1503
GRK6	TSS4626	chr5:17685368-	24.2968	24.9975
ARRDC3-AS1	TSS8515	chr5:90676163-	0.196378	0.580522
AZIN1	TSS7145	chr8:10383852-	20.8641	27.1412
LTA4H	TSS18980,TSS	chr12:9639453-	44.4534	70.414
GCLC	TSS17132	chr6:53362139-	25.2316	20.9202
ATP6V0D1	TSS4813	chr16:6747191-	39.2938	59.1412
CTC1	TSS26998	chr17:8128138-	8.81591	7.28655

CMAS	TSS5026	chr12:22199109	13.1419	16.3428
C16orf62	TSS21050	chr16:19566736	8.57535	9.27959
ARL13B	TSS6944	chr3:93698982-	1.47337	1.46978
MAP4	TSS22042	chr3:47892179-	14.099	22.5605
VMP1	TSS23932	chr17:57784862	19.1491	25.0402
CBR4	TSS15127	chr4:16990874-	2.17577	3.13591
NPR2	TSS100	chr9:35792405-	2.54251	0.573586
PA2G4	TSS32788	chr12:56498102	12.1427	61.5173
ZNF586	TSS32393	chr19:58281019	7.14087	5.02312
ICA1L	TSS18795,TSS	chr2:203637872	1.6256	0.61687
IDH3A	TSS8969	chr15:78441718	9.7256	42.2923
LOC100132077	TSS19819	chr9:97094757-	0.459668	1.07441
PISD	TSS31507	chr22:32014476	7.91583	15.2243
EPT1	TSS16072	chr2:26568953-	1.96424	12.3985
CCDC125	TSS12907,TSS	chr5:68576518-	2.10127	2.34897
EFCAB3	TSS15095,TSS	chr17:60447578	0.328062	0.594505
EPG5	TSS15350	chr18:43427572	5.57349	3.63246
MORN1	TSS28621	chr1:2252691-2	0.808552	0.846495
ITPKC	TSS12260	chr19:41223007	3.64037	3.50972
MGAT5	TSS20260	chr2:135011829	23.1784	24.1739
NSMF	TSS2581	chr9:140342022	3.99021	17.6104
KCTD6	TSS14266,TSS	chr3:58477822-	5.88095	5.80698
ACSL5	TSS15233,TSS	chr10:11413397	5.71641	19.3285
KLHL17	TSS20060	chr1:895966-96	2.45212	2.74671
THAP7-AS1	TSS3319	chr22:21356216	0.597562	1.48775
UGDH	TSS21586	chr4:39500374-	7.93023	15.048
POLD4	TSS20911	chr11:67118235	27.2377	57.6912
CLSTN3	TSS20379	chr12:7282966-	4.53327	2.98693
FBXO45	TSS19753	chr3:196295724	2.10489	4.20833
CPT2	TSS24280	chr1:53662100-	2.17913	4.09248
ACTG1P4	TSS16166	chr1:104112025	0.0340465	1.71809
TMEM42	TSS4328	chr3:44903400-	4.79924	6.29526
NFKBIL1	TSS12111,TSS	chr6:31514627-	7.86936	6.98071
SH2D3A	TSS30422	chr19:6752172-	3.90379	6.44428
CHST14	TSS10625	chr15:40763159	1.51876	3.19432
CRAMP1L	TSS22931	chr16:1664640-	5.56597	4.18639
FLJ20021	TSS7633	chr4:102268932	3.26016	1.49741
ERAP1	TSS4517,TSS4	chr5:96096513-	14.8602	12.5016
PARP2	TSS18513	chr14:20811772	4.68628	9.5311
CCDC142	TSS18137	chr2:74699958-	5.10901	3.0008
ASCC1	TSS21376,TSS	chr10:73855789	5.78208	10.0529
ZNF468	TSS5163	chr19:53341784	3.57166	4.65098
KLHL3	TSS22809,TSS	chr5:136953188	1.2058	0.418771
CCDC81	TSS27758	chr11:86085777	0.195623	0.124513
ANKZF1	TSS26066,TSS	chr2:220094478	8.80158	10.5455
NUTM2B	TSS27991	chr10:81462982	1.19447	1.08788
HSF2	TSS18891	chr6:122720695	5.63945	6.20326
DNAAF2	TSS15698	chr14:50091897	2.98665	8.15225
CDK3	TSS27280	chr17:73996986	6.95E-06	0.227143
PFDN4	TSS31384	chr20:52824507	2.51378	19.0191
MGAT4B	TSS17931,TSS	chr5:179224597	25.4637	23.659
ESD	TSS273	chr13:47345396	26.1398	60.1884
IDH1	TSS19064,TSS	chr2:209100956	5.93897	8.07725
ETFA	TSS23870	chr15:76508628	20.2924	112.271
ARFRP1	TSS23611,TSS	chr20:62329994	7.75292	11.0789

UBTD2	TSS16874	chr5:171636649	3.87899	7.88268
UBL3	TSS24516	chr13:30338544	11.7408	7.24236
RNF214	TSS20881,TSS	chr11:11710334	3.6278	3.6967
RRP7BP	TSS2755	chr22:42969265	9.50196	36.3587
THEM6	TSS25617	chr8:143808620	2.34561	6.23362
ZNF211	TSS7470	chr19:58144534	10.1924	3.96316
COX7A2L	TSS20380	chr2:42577644-	41.4394	90.7066
GNL2	TSS34095	chr1:38032412-	12.4869	47.1153
RPA3	TSS27132	chr7:7676574-	5.78918	9.63478
ERLEC1	TSS2647	chr2:54014067-	10.0116	10.5642
OLA1	TSS19405	chr2:174937174	3.26453	10.7104
PRH1	TSS27194	chr12:11033559	0.801621	1.13602
GRPEL2	TSS869	chr5:148724976	3.35604	5.41606
PMS2P7	TSS33218	chr7:72476602-	1.89557	2.0668
ANKRD13D	TSS19530,TSS	chr11:6705676-	18.3518	13.114
SMIM4	TSS3307	chr3:52570620-	12.3557	31.8377
ERGIC1	TSS31133	chr5:172261224	16.7765	23.0109
LOC103021295	TSS11075	chr17:4174725-	13.1643	10.5723
CRELD1	TSS1101,TSS1	chr3:9975523-(	1.63187	2.83166
SMARCC1	TSS142	chr3:47627377-	12.7318	32.4448
LINC00174	TSS34118	chr7:65841030-	0.812875	0.629103
DEK	TSS5189	chr6:18224399-	49.3619	44.4684
RAD51D	TSS5743	chr17:33426810	4.20815	6.42624
MPC1	TSS6254	chr6:16677840-	13.2663	23.9589
ST3GAL3	TSS13928	chr1:44173203-	0.85099	1.38199
DYNLT3	TSS33616	chrX:37698088-	8.05605	6.31673
RPL23AP53	TSS27643	chr8:158344-18	1.58733	2.29594
ATRN	TSS29824	chr20:3451664-	1.68291	4.5874
ASCC3	TSS22456	chr6:100956070	4.10131	15.3674
CREB3	TSS10130	chr9:35732316-	14.6133	15.9886
ZW10	TSS20440	chr11:11360390	7.2291	9.7638
METT121A	TSS16567,TSS	chr2:208445354	1.67011	5.88585
LOC100130950	TSS23269	chr17:5095378-	0.961214	0.720181
CD2AP	TSS4093	chr6:47445524-	12.2566	12.8546
MAT2A	TSS14441	chr2:85766100-	43.5685	99.7081
PHOSPHO2	TSS22893	chr2:170550960	2.77486	2.13214
SSSCA1-AS1	TSS31696	chr11:65336690	3.12417	0.97489
LARS2	TSS5365	chr3:45430074-	3.95633	7.24321
GALK2	TSS13668,TSS	chr15:49447955	1.97945	3.67899
B2M	TSS14053	chr15:45003684	1987.35	1671.73
ZNF611	TSS1332,TSS2	chr19:53206065	3.68309	2.70876
FAM114A2	TSS14670	chr5:153371268	3.73391	5.09116
RAB3GAP1	TSS11576	chr2:135809834	16.2118	13.5989
CTC-338M12.4	TSS1605	chr5:180673540	2.18225	2.3538
HTT	TSS33131	chr4:3076236-(	10.8178	15.2119
RAN	TSS14649	chr12:13135650	39.8269	166.757
GTF2H2	TSS1008	chr5:70330950-	4.99196	12.7831
RRP1	TSS2718	chr21:4520941-	13.4063	60.768
MRPL1	TSS10945	chr4:78783804-	10.1736	32.9782
GLTSCR2	TSS32905	chr19:48248794	417.435	228.191
PMS2P2	TSS24463	chr7:72476643-	0.590086	2.36096
LOC101927415	TSS20120	chr12:1240656-	0.446136	0.187737
RPL26L1	TSS15664	chr5:172386438	1.49543	20.5612
ERLIN1	TSS10489,TSS	chr10:10190984	2.57457	5.67536
ATG10	TSS3431	chr5:81267843-	0.529884	1.21871



SEMA6A-AS1	TSS17747	chr5:115783190	0	1.56E-18
MAN1B1-AS1	TSS10237	chr9:139979397	1.49122	0.444927
NUP205	TSS4869	chr7:135242667	10.1124	22.5863
RHOG	TSS10554	chr11:38482070	43.68	84.1419
GSS	TSS27387	chr20:33516230	5.82046	16.3358
STIP1	TSS22727,TSS	chr11:63952740	47.5353	116.415
INCA1	TSS18352	chr17:48914240	0.869761	0.459615
TBC1D31	TSS25757	chr8:124084910	0.341442	0.734922
CALCOCO2	TSS17233	chr17:46908340	19.6175	10.5786
TPM3P9	TSS28077	chr19:53935220	5.72354	11.421
RRS1	TSS9748	chr8:673412620	4.22478	40.2128
ZCCHC9	TSS29003	chr5:805974010	4.91472	16.813
KLF12	TSS33609	chr13:74260140	5.02277	2.34682
ACYP2	TSS11894	chr2:543424090	6.5566	7.11333
C6orf226	TSS9187	chr6:428580020	8.85927	6.04996
DEF6	TSS22786	chr6:352655940	22.6534	19.4202
KLHL2	TSS17966,TSS	chr4:166128760	8.38755	8.40871
EXOSC2	TSS3812	chr9:133569140	13.1371	30.8649
SMYD2	TSS1334	chr1:214454560	4.64013	10.1658
MCAT	TSS12201	chr22:43528210	1.01353	8.78299
TCTA	TSS21355	chr3:494496380	7.95775	8.19435
CDR2	TSS24027	chr16:22357250	2.61468	3.94658
LINC00847	TSS28127	chr5:180257950	5.86344	4.43701
ZNF780B	TSS13674	chr19:40534160	2.80438	2.13088
TRIM68	TSS29288	chr11:46199010	6.50978	3.66823
SIDT2	TSS10378	chr11:11704990	12.2186	16.6742
POLR3H	TSS18660,TSS	chr22:41921800	4.18524	20.7882
TECPR1	TSS7490	chr7:978447540	4.29042	2.18929
SERGEF	TSS3593	chr11:17809590	9.44115	7.85219
DPAGT1	TSS22369	chr11:11896720	2.55377	8.02444
LOC440311	TSS26324	chr15:95398590	22.5643	13.9023
FBXO33	TSS16496	chr14:39865570	5.61538	5.50482
ROBO2	TSS21728,TSS	chr3:770892930	0.015997	0.00412564
NCDN	TSS27382	chr1:360233920	1.99029	13.4533
UVRAG	TSS11662	chr11:75526210	11.1133	9.55051
POLR1A	TSS33773	chr2:862534500	3.93097	20.5953
RPP25L	TSS29608	chr9:346104810	11.6427	16.8719
PDIK1L	TSS10888,TSS	chr1:264376550	2.60439	3.37563
CHD9	TSS19934,TSS	chr16:53088940	6.65253	3.55458
COA4	TSS6812	chr11:73583710	11.9372	98.3408
CLTB	TSS17450	chr5:175819450	9.22234	34.4751
ANP32B	TSS8195	chr9:100745480	56.4611	107.299
RSG1	TSS25346	chr1:165581810	2.5431	2.06281
RFWD3	TSS19973	chr16:74655290	5.58513	11.6316
STXBP4	TSS17634	chr17:53046120	0.29077	0.675013
RIPK1	TSS6988	chr6:307705700	10.792	7.66324
RIBC1	TSS3728	chrX:534498040	0.74477	0.336579
PAN3-AS1	TSS21304	chr13:28710970	2.70082	0.837961
ANP32AP1	TSS30907	chr15:35529520	12.3417	48.6003
EIF4G3	TSS21541,TSS	chr1:211327840	6.0132	9.13571
LINC00667	TSS31768	chr18:52380980	3.93929	5.32707
PGAM1P5	TSS16851	chr12:96043030	0.0525613	0.130056
LOC101927572	TSS27704	chr19:36505400	1.06134	2.08283
CCNC	TSS27479	chr6:999902620	21.7871	37.3712
C4orf27	TSS2685	chr4:170650610	7.91819	6.98111

TTN-AS1	TSS11017,TSS	chr2:17938755-	2.94889	1.42014
HSD17B7P2	TSS17979	chr10:3864530-	2.58578	3.30489
C11orf49	TSS31039	chr11:4695823-	4.69057	8.41056
PPM1D	TSS33671	chr17:5867754-	2.66794	3.69547
NDUFS6	TSS3374	chr5:1801495-	44.4314	258.206
PAAF1	TSS20953,TSS	chr11:7358774-	6.8456	11.4424
TBL2	TSS18136	chr7:72983276-	4.00764	7.60968
NFAT5	TSS21899	chr16:6959986-	8.03827	4.71932
JAK1	TSS11468	chr1:65298905-	76.8133	62.6773
TMEM185B	TSS9918	chr2:12097504-	4.91879	7.34051
RBL2	TSS29662	chr16:5346835-	15.298	10.5387
RAD18	TSS13231	chr3:8918879-	3.43454	3.45684
ILF2	TSS24995	chr1:15363426-	39.076	140.559
GOLGA8EP	TSS1017	chr15:2343506-	0.0950586	0.0674263
MTX2	TSS2272	chr2:17713412-	3.49966	22.2917
NMD3	TSS1251	chr3:16093909-	5.63205	19.4699
NUP155	TSS31119	chr5:37291734-	6.20954	12.6293
STXBP2	TSS24659	chr19:7701986-	22.9861	39.5926
OSTC	TSS7726	chr4:10957174-	15.6506	59.3538
MAPK6	TSS16965	chr15:5231141-	6.89376	15.3879
RREB1	TSS16354,TSS	chr6:7107829-	7.95313	7.21052
SESN1	TSS15452,TSS	chr6:10930763-	5.59854	6.34047
DNAJC3-AS1	TSS20566	chr13:9632509-	1.04295	0.612901
NME2	TSS24560,TSS	chr17:4924279-	67.9871	318.928
C14orf80	TSS15383,TSS	chr14:1059561-	3.40356	6.28472
DGCR5	TSS27392	chr22:1895801-	0	0.571179
YWHAG	TSS21276	chr7:75956107-	27.7392	94.3839
MDC1	TSS10418	chr6:30667583-	7.60821	7.8628
MSL3	TSS19886,TSS	chrX:11776277-	18.1407	23.5777
RAB12	TSS26148	chr18:8609442-	7.90948	9.46547
ACSF2	TSS15264,TSS	chr17:4850351-	4.72239	1.98887
KAT2A	TSS25940	chr17:4026512-	6.96459	25.5407
HERC2P7	TSS32679	chr15:2339072-	1.46153	3.07488
HAUS5	TSS28857	chr19:3610364-	2.09363	4.05083
AKR7A2P1	TSS4199	chr1:11346597-	0.684337	1.61529
ATP2A2	TSS20901	chr12:1107190-	12.512	34.3219
MANF	TSS9289	chr3:51422667-	23.6042	61.6009
LOC103611081	TSS23077	chr11:1307361-	0.826854	1.01046
TSPYL2	TSS32459	chrX:53111541-	28.1088	16.5544
NCOA1	TSS11441	chr2:24807345-	7.25533	4.97926
DCLRE1B	TSS6257	chr1:11444791-	0.587189	2.68231
GSDMB	TSS33380,TSS	chr17:3806084-	6.8462	2.56687
DPH1	TSS16710	chr17:1933430-	7.89304	26.5809
NECAP2	TSS19506	chr1:16767166-	24.5688	27.5205
CAST	TSS2555,TSS2	chr5:95997740-	36.4054	27.4363
ALG9	TSS11433,TSS	chr11:1116529-	1.63039	2.16315
TRIM50	TSS19118,TSS	chr7:72726531-	0.828311	0.146867
LPIN1	TSS22701,TSS	chr2:11817704-	23.4906	11.5191
PRCP	TSS14964	chr11:8253540-	16.4751	16.833
ZNHIT2	TSS8548	chr11:6488387-	3.56482	11.2429
ZNF558	TSS24219,TSS	chr19:8920251-	3.08065	3.52505
RASSF1	TSS2200,TSS2	chr3:50367216-	32.1128	20.7312
LOC389906	TSS8089	chrX:3735575-	1.5399	4.91421
MARK4	TSS14983	chr19:4575451-	2.82902	3.72513
CEP170	TSS12904	chr1:24328772-	7.93599	6.0379

TIMM21	TSS10094	chr18:71815745	4.51216	26.028
FKBP1A	TSS13654	chr20:1349620-	13.0847	76.9774
G3BP1	TSS10942	chr5:151151475	36.8645	74.9829
GLRX5	TSS3227	chr14:96001322	10.4171	37.3809
FAM173A	TSS21555	chr16:771141-	3.35839	19.5867
SH3BP1	TSS21019	chr22:38035685	10.7509	7.87752
SNRPB	TSS33047	chr20:2442280-	86.0121	268.216
SAMD1	TSS23741	chr19:14199228	8.57735	10.327
ZNF597	TSS9304	chr16:3482421-	0.72598	1.19609
ARPC1B	TSS6126	chr7:98972297-	94.4669	165.786
ALOX12-AS1	TSS20511	chr17:6888441-	4.55887	0.668204
MRPL45P2	TSS3919	chr17:45527592	6.13885	9.82575
TIGD5	TSS13133	chr8:144680075	2.97089	6.2106
MAP4K2	TSS17869	chr11:64556572	13.5923	13.2066
KANSL1L	TSS29325	chr2:210886144	2.16118	1.7654
RPL22	TSS8776	chr1:6245079-6	63.935	126.866
PRADC1	TSS27456	chr2:73455133-	1.63751	5.39544
WDR3	TSS11807	chr1:11847237-	6.24797	30.3056
ETV2	TSS2728	chr19:36132638	0.597458	0.209845
PMS2P7	TSS21869	chr7:74977963-	1.3198	1.25257
SCX	TSS15796	chr8:145490546	0.174424	0.437803
BLMH	TSS8402	chr17:28575212	9.72673	22.3569
SLC25A36	TSS1775	chr3:14066066-	14.2035	10.1162
RAB30-AS1	TSS30014	chr11:8278310-	8.3931	7.54132
CDKN2AIPNL	TSS3427	chr5:133737755	3.48854	17.4101
WDR81	TSS26630,TSS	chr17:1619816-	13.9293	10.7275
URB1	TSS15891	chr21:33683329	2.68412	9.91515
OXNAD1	TSS25690	chr3:16306666-	2.52273	3.09855
ZNF440	TSS16827	chr19:11925106	2.06673	2.77574
KIAA1715	TSS10937,TSS	chr2:176788619	2.05322	2.15341
GALNT1	TSS19895	chr18:33234532	11.0289	15.7251
CETN2	TSS7115	chrX:151995870	2.96633	12.3124
SCX	TSS22156	chr8:145321460	0.174424	0.382823
CKMT2-AS1	TSS30712	chr5:80533383-	0.437154	0.778722
SYPL1	TSS1195,TSS9	chr7:105730815	31.0924	32.3239
WAS	TSS26075	chrX:48542185-	16.1158	34.8309
NAB1	TSS25908	chr2:19151384-	2.59725	3.0126
TACC1	TSS12346,TSS	chr8:38585703-	11.8231	30.3277
SUMF1	TSS32685	chr3:4402828-4	3.59557	5.01804
ANAPC1P1	TSS13857	chr2:87088947-	0.607212	5.2589
C2orf76	TSS19864	chr2:120060019	4.94812	2.26953
SRPK1	TSS19796	chr6:35800810-	9.08369	25.8797
TM9SF2	TSS21755	chr13:10015362	31.4333	24.7317
TSSK6	TSS27567	chr19:1962502-	1.27476	0.785071
ACVR1B	TSS1642,TSS6	chr12:52345450	1.45706	2.91324
SVIL-AS1	TSS19339,TSS	chr10:29698462	4.86611	6.91285
HAUS1	TSS23651	chr18:4368429-	9.91658	16.3523
NDUFV1	TSS31721	chr11:67374322	15.7433	75.8718
RAD1	TSS15420,TSS	chr5:34905365-	4.77833	5.4017
ABHD12	TSS20515	chr20:25275378	5.19801	8.2329
TBC1D3P2	TSS14572	chr17:60342066	0.343221	0.280747
ANKRD46	TSS16248,TSS	chr8:101521979	1.59574	6.25572
NOA1	TSS23563	chr4:57829515-	10.5548	16.8741
H2AFY	TSS28475,TSS	chr5:134670070	25.0898	61.0499
RBM38	TSS8914	chr20:55966455	95.6233	63.327

GATB	TSS2252	chr4:152591808	3.75459	12.7856
ATPIF1	TSS29257	chr1:28562601-	61.1598	128.043
C1orf56	TSS10731	chr1:151020258	0.63342	1.80087
ASMTL	TSS23540,TSS	chrY:1472031-	5.96224	8.20659
ALG1L	TSS34022	chr3:125648117	1.00427	3.31909
CHD1L	TSS31190	chr1:146714290	9.75057	21.2307
SRSF1	TSS16463	chr17:56078279	26.6126	77.1242
EMC2	TSS28681	chr8:109455852	6.30309	17.5801
FAM89B	TSS5199	chr11:65339819	10.9962	12.3288
CYP2D6	TSS13660	chr22:42522500	0.731417	0.289347
DESI2	TSS11611	chr1:244816349	10.2666	15.1892
STK24	TSS24128,TSS	chr13:99102452	18.3978	20.9463
NAPA-AS1	TSS845	chr19:47987538	1.02167	1.05817
MTF2	TSS12329	chr1:93544791-	9.6748	11.6398
ZNF319	TSS8674	chr16:58028577	3.83593	3.07226
ARL5B	TSS4503	chr10:18948312	3.41121	3.55187
UBE2A	TSS3630	chrX:118708421	34.0968	40.3608
INTS10	TSS4155	chr8:19674917-	17.4	30.3378
LOC101927967	TSS214	chr2:77970821-	0.179281	0.212732
MRPL15	TSS7885	chr8:55047780-	8.0224	39.0577
SNRPE	TSS24195	chr1:203830712	3.53381	17.64
HIBCH	TSS14855	chr2:191069359	3.52539	7.59636
RMND5A	TSS27708	chr2:86947413-	12.9906	13.6213
MRPL3	TSS22611	chr3:131181044	12.2664	58.1696
FUNDC2P2	TSS11635	chr2:84517805-	1.15082	1.36282
LINC00342	TSS34104	chr2:96472799-	1.63892	1.74063
PI4K2B	TSS31151	chr4:25235652-	6.54365	7.555
NAGK	TSS7365	chr2:71295407-	29.773	33.1781
CDK2AP1	TSS17143,TSS	chr12:12374557	4.03508	22.8094
PNPO	TSS2957	chr17:46018888	3.2487	14.2766
NOTCH1	TSS22539	chr9:139388899	13.0683	10.154
TMC6	TSS19536,TSS	chr17:76108998	20.8417	30.4204
MASTL	TSS26008	chr10:27443752	1.50941	5.03891
DEF8	TSS12804,TSS	chr16:90015138	19.1984	23.9641
MOSPD1	TSS7188	chrX:134021651	3.0987	5.30656
RELB	TSS25242	chr19:45504706	23.8281	20.4253
MAP4K4	TSS10341,TSS	chr2:102314164	27.855	23.0415
PAPOLB	TSS12064	chr7:48973687	0.0122322	0.0741578
ZNF232	TSS27706	chr17:5009030-	3.06823	8.12446
ZNF70	TSS5754	chr22:24083770	1.28829	1.76795
NBAS	TSS28781	chr2:15307031-	1.81789	4.8584
PIBF1	TSS26997	chr13:73356229	3.24055	3.812
EPRS	TSS10632	chr1:220141947	25.1118	48.6945
ARL14EP	TSS30468	chr11:30344649	9.19579	11.5078
RBM26-AS1	TSS14708	chr13:79980442	0.940821	0.99457
MSANTD1	TSS28373	chr4:32507667	0	0.128879
ABCC5	TSS7857	chr3:183637722	4.62405	4.1437
MAN2A2	TSS3678	chr15:91447419	7.78941	7.21189
DOCK2	TSS6950	chr5:169064250	17.8516	29.0125
RPARP-AS1	TSS6463	chr10:10420957	3.01982	8.97698
CDK8	TSS26757	chr13:26828759	5.93196	7.71999
METAP2	TSS21427	chr12:95867827	22.0304	43.0742
FAM220A	TSS22750	chr7:63690397	5.07049	4.05234
TMEM147-AS1	TSS22001	chr19:36031639	2.02681	2.47666
CSRP2BP	TSS1039,TSS4	chr20:18122867	2.90498	5.12748

AIM1L	TSS14519	chr1:26648349-	0.200062	0.458275
STK10	TSS24830	chr5:17146907-	30.8997	27.8322
PDHA1	TSS3270	chrX:19362010-	7.19319	28.7371
MRPL45	TSS22955	chr17:3645298-	14.5407	27.217
PRR29	TSS30919	chr17:6207571-	1.66771	0.606376
HNRNPA3P1	TSS10913	chr10:4428285-	0.416993	0.761845
NBPF3	TSS7567	chr1:21766582-	1.32962	1.66209
IRF2	TSS27040	chr4:18530887-	21.3635	16.5163
TBCA	TSS10085	chr5:76986993-	50.7563	129.503
SRRM5	TSS25880	chr19:4411625-	0.357287	0.293604
MAP4K1	TSS10512	chr19:3907827-	18.5357	39.9158
CARHSP1	TSS13332,TSS	chr16:8946798-	15.8378	12.1852
FAM184B	TSS21657	chr4:17633708-	0.886751	0.386334
MORF4L2-AS1	TSS33875	chrX:10294221-	0.262186	0.608902
FAM86EP	TSS4932	chr4:3943486-	0.278846	1.84713
LTB4R2	TSS283	chr14:2477935-	0	1.51224
PGAM5	TSS28212	chr12:1332873-	9.45579	42.6889
BMP8A	TSS33647	chr1:39957317-	1.26019	0.703844
CBX3	TSS29291,TSS	chr7:26240830-	29.5925	79.7945
FNTB	TSS3962	chr14:6545350-	1.66E-29	1.37418
LOC100506804	TSS7369	chr6:75994729-	0	1.11455
CISD3	TSS24066	chr17:3688650-	1.15538	5.02652
NADK	TSS11391,TSS	chr1:1682670-	13.8749	35.0093
TMPO	TSS29651	chr12:9890935-	23.4227	27.6909
H3F3AP4	TSS15032	chr1:22625042-	38.9787	147.408
MATN1-AS1	TSS33390	chr1:31191618-	0.332044	0.887165
RNASEK	TSS22341	chr17:6915735-	92.7003	116.171
PPP1R3D	TSS29650	chr20:5851188-	3.58892	3.23766
CERS4	TSS28370	chr19:8274216-	17.5669	14.1995
PLA2G4B	TSS5370	chr15:4213101-	2.16456	2.50051
KIF3B	TSS8382	chr20:3086545-	5.51148	9.03005
COMMD3	TSS31435	chr10:2260531-	15.146	29.5524
DTNB	TSS12532,TSS	chr2:25600066-	1.79011	2.08153
TRMT5	TSS16734	chr14:6143816-	1.57751	4.33317
NDUFAF3	TSS13300,TSS	chr3:49057907-	12.6642	42.453
QSOX1	TSS7745	chr1:18012396-	4.98303	7.38411
CRYBB2P1	TSS29883	chr22:2584405-	4.56162	4.97687
LOC101928069	TSS34152	chr11:6624096-	2.14711	0.733004
PCNXL2	TSS726	chr1:23311988-	3.08475	1.31525
PSMD12	TSS11383	chr17:6533661-	19.1524	34.8963
PA2G4P4	TSS16202	chr3:15652705-	3.85389	19.5237
GOLGA6L9	TSS17774,TSS	chr15:8280476-	0.892989	1.40408
ZNF738	TSS23520	chr19:2154173-	1.45315	0.887668
RHOQ	TSS12385	chr2:46769866-	15.977	9.65063
TMEM245	TSS13914	chr9:11177741-	7.33256	5.7045
TTI1	TSS11776	chr20:3661140-	6.36526	8.34421
TARS	TSS28146,TSS	chr5:33440801-	63.4899	82.7971
TMEM120A	TSS31673	chr7:75616154-	5.43315	5.89314
SPPL3	TSS29358	chr12:1212003-	10.2071	7.61337
KCTD21	TSS20304	chr11:7788228-	2.31071	0.993289
EIF2AK4	TSS9021	chr15:4022632-	5.24369	9.72973
LOC101927549	TSS15742	chr10:1074333-	0.0202556	1.81382
SLC27A4	TSS20124	chr9:13110283-	3.65154	12.8002
FCHSD1	TSS4370	chr5:14101886-	7.56086	5.68739
ABI2	TSS10389,TSS	chr2:20419296-	4.15104	3.97193

C5orf15	TSS13070	chr5:133291197	13.3493	13.5425
IFT27	TSS21509	chr22:37154248	1.61984	6.48787
NIT2	TSS16399	chr3:100053567	11.9465	31.8994
PPP1R13B	TSS3768	chr14:10420008	5.34206	2.2764
C11orf95	TSS13799	chr11:63527360	1.91719	2.52631
TMEM185A	TSS28150	chrX:148678211	4.39599	4.97887
ZNF699	TSS3493	chr19:94059857	3.37444	0.860375
LINC01604	TSS23280	chr8:144362324	1.25944	3.67684
TIGD6	TSS19576,TSS	chr5:149372689	1.10201	0.827582
ITPK1	TSS29578	chr14:93403258	14.3493	16.907
UTP20	TSS14628	chr12:10167390	2.67345	11.7599
AKR7A2	TSS6434	chr1:196292017	2.13079	3.92935
IL10RB	TSS32984	chr21:34638664	9.31684	11.7495
TNRC6B	TSS15636,TSS	chr22:40440820	12.6589	5.63528
NPM1	TSS24166	chr5:170814707	127.71	612.176
EIF5A	TSS17968,TSS	chr17:72103177	44.1537	473.027
HS6ST1	TSS25591	chr2:129023050	5.05576	5.97039
ZNF92	TSS27720	chr7:648387117	16.2591	7.3827
NAT10	TSS21049	chr11:34127110	10.9555	45.0782
ICK	TSS11965	chr6:528660977	3.07806	2.44094
DNAJA1	TSS29126	chr9:330252087	91.1241	185.415
PPIAL4G	TSS24639	chr1:143767140	0.0243114	0.63754
LAPTM4A	TSS31448	chr2:202324107	38.3151	32.1479
POFUT1	TSS18990	chr20:30795699	3.74256	9.85889
LARS	TSS14299	chr5:145492588	13.0188	40.5283
HMGB1	TSS30479	chr13:31032878	36.3002	58.2175
FAM117A	TSS3616	chr17:47787680	46.3588	13.9752
RAP1A	TSS15841,TSS	chr1:112162404	14.0885	19.4442
UBR7	TSS1801	chr14:93673400	6.85578	7.97897
NCOA2	TSS3723	chr8:710242667	8.56844	3.98089
ZMYM3	TSS2596,TSS2	chrX:704594737	3.62313	7.02301
SMCR8	TSS12066	chr17:18218590	17.1006	12.4688
CDKL1	TSS5561,TSS5	chr14:50796308	1.5944	2.57717
PRMT1	TSS4186	chr19:50180408	40.7226	270.524
RAPGEFL1	TSS24100,TSS	chr17:38333262	0.64373	0.629009
H3F3C	TSS22148	chr12:31944118	10.7922	19.3678
GART	TSS14577,TSS	chr21:34876237	8.90621	62.1202
PRICKLE3	TSS1879,TSS1	chrX:490311507	2.28042	4.28086
VKORC1L1	TSS9947	chr7:653382567	4.65453	6.8928
TOPORS-AS1	TSS11325,TSS	chr9:325511417	10.3044	7.22027
RETSAT	TSS33205	chr2:855690777	2.85088	5.66566
TMEM216	TSS19078,TSS	chr11:61159837	6.32464	8.1246
UCHL5	TSS11038,TSS	chr1:192981499	3.39643	21.3051
CEP250	TSS4265	chr20:34043222	4.39084	4.31497
ZNF287	TSS10227	chr17:16453630	0.649051	0.774417
AIFM1	TSS19131,TSS	chrX:129263337	5.12714	23.7562
ALG3	TSS30855,TSS	chr3:183960110	6.91702	28.8483
NUP43	TSS28348	chr6:150045457	8.19527	10.6964
LINC00266-1	TSS33869	chr20:62921737	0.511808	0.124608
TRIM24	TSS1328	chr7:138145078	4.16148	5.15502
9-Sep	TSS11557,TSS	chr17:75277497	64.8389	142.221
IPO11	TSS17826,TSS	chr5:617085727	2.25813	8.31632
FAM136A	TSS8900	chr2:705231077	8.04802	44.6016
RCBTB1	TSS17259	chr13:50106087	6.86941	6.34465
ASMTL	TSS22542,TSS	chrX:15220317	9.18734	14.6724

NPEPPS	TSS15006	chr17:4560844-	17.6714	19.2903
GTPBP2	TSS14438,TSS	chr6:43588217-	14.1148	9.30349
CAMKMT	TSS30729	chr2:44589042-	0.96085	6.21073
RNF219	TSS28742	chr13:79188420-	7.47059	8.88421
LOC101929718	TSS1223	chr14:21463995-	0.882397	1.46965
VDAC3	TSS3391	chr8:42249278-	25.0364	89.522
TRAF3IP1	TSS16889	chr2:239229184-	0.864228	3.05654
TAF5	TSS19105	chr10:10512774-	2.98451	3.24675
CCDC58	TSS28593	chr3:122078437-	10.5363	33.0062
CSNK1A1P1	TSS14407	chr15:37091300-	0.00547325	0.129835
GKAP1	TSS18240	chr9:86354335-	3.60266	3.11717
SPATC1L	TSS32644	chr21:47581067-	3.22615	7.28169
SIRT6	TSS2752	chr19:4174105-	6.18504	14.3842
ZNF252P	TSS16888	chr8:146198974-	2.71928	3.5922
LOC101928673	TSS2158	chr1:173386927-	0.454145	0.41036
TIMM13	TSS2390	chr19:2425621-	11.059	75.0116
SLBP	TSS32673	chr4:16944577-	20.7948	30.2006
WDYHV1	TSS11405	chr8:124428964-	3.49572	4.54195
SSSCA1	TSS33914	chr11:65337929-	17.4232	75.9014
MAD1L1	TSS29431,TSS	chr7:18554277-	6.36183	23.5354
ABHD16B	TSS25716	chr20:62492565-	1.47654	1.72547
RAP2C-AS1	TSS13035	chrX:13135253-	0.563544	0.247843
GMDS-AS1	TSS10529	chr6:22459867-	1.73045	0.159043
ZNF862	TSS33744	chr7:149535508-	2.62061	1.93192
MRGBP	TSS23780	chr20:61427804-	10.5543	19.6039
SLC5A6	TSS27011	chr2:27422454-	2.90349	18.978
C21orf140	TSS30679	chr21:35772409-	0	0.203458
DYRK1B	TSS11015	chr19:40315986-	6.3354	3.581
LOC101929057	TSS31527	chr6:90348250-	0.353123	0.515841
RALY-AS1	TSS22180	chr20:32580295-	1.20607	1.79715
C17orf89	TSS31532	chr17:79213110-	11.8554	65.1763
COQ3	TSS16103	chr6:99817347-	1.44217	10.1766
PPP1R13L	TSS14117,TSS	chr19:45882897-	1.12927	0.742874
MBD6	TSS22183	chr12:57916658-	5.49707	5.09561
TAX1BP3	TSS2065	chr17:3566186-	3.73575	3.36565
GPR180	TSS9158	chr13:95254105-	1.58967	2.05689
ARHGEF6	TSS22815,TSS	chrX:13574771-	7.91823	6.52994
LIPE	TSS26479	chr19:42905658-	1.61228	5.23046
PORCN	TSS20438,TSS	chrX:48367346-	1.48099	3.07161
EIF5AL1	TSS23604	chr10:81272356-	5.7769	62.5562
KATNAL1	TSS1613,TSS9	chr13:30776766-	2.40687	1.73386
XRCC3	TSS8499	chr14:10416395-	4.77688	7.47795
RPUSD4	TSS29191	chr11:12607198-	11.0571	23.8604
CDK4	TSS24553	chr12:58141509-	12.4271	87.2847
ZSCAN12	TSS13599	chr6:28346597-	4.36829	3.67432
TKT	TSS31756	chr3:53258722-	42.903	204.051
DOCK11	TSS3485	chrX:11762987-	13.5324	8.50735
RUNX1	TSS24335,TSS	chr21:36160097-	3.96258	2.77437
LRCH4	TSS31661	chr7:100171635-	20.5724	17.7023
SLC15A2	TSS26957	chr3:121613170-	1.9928	0.496558
MAPK1	TSS31112	chr22:22113946-	35.4572	34.712
RPS10P7	TSS32203	chr1:201489037-	3.64385	4.88251
SPRYD7	TSS12780	chr13:50486837-	2.71913	5.45233
ARL3	TSS15961	chr10:10443348-	2.08059	2.95083
TRIM32	TSS30544	chr9:119449580-	1.67934	2.98092

CINP	TSS29818	chr14:1028146-	1.38529	36.6449
TMEM9	TSS23562,TSS	chr1:20110389-	11.3267	7.70193
ZNF226	TSS22153,TSS	chr19:4466921-	4.81474	6.49286
ACTL6A	TSS9956	chr3:17928066-	10.3782	29.4391
GAPDHS	TSS6398	chr19:3602431-	0	0.341156
GADD45GIP1	TSS28034	chr19:1306496-	27.9515	107.015
ZNF35	TSS5240	chr3:44690232-	2.16663	5.3702
ADAM1A	TSS19366	chr12:1123368-	4.05489	1.95588
SERBP1	TSS11117	chr1:67873492-	12.1503	57.9213
HAUS7	TSS12887,TSS	chrX:15271312-	5.29285	15.5387
BRD7P3	TSS30143	chr6:11882253-	0	0.267313
CTBP1-AS	TSS30114	chr4:1203907-	1.42315	1.60112
AVEN	TSS22861	chr15:3415842-	3.84988	13.2083
LINC01356	TSS1527	chr1:11336279-	0	0.0681869
MAGEF1	TSS11762	chr3:18442815-	5.33708	9.09918
C15orf40	TSS26571	chr15:8365771-	11.2385	12.5294
VAMP3	TSS2828	chr1:7831328-	11.4948	8.75287
PGAM1	TSS33948	chr10:9918602-	14.7736	82.2102
SPTSSA	TSS25854	chr14:3490214-	3.38137	9.13544
C2orf44	TSS2417	chr2:24252205-	2.18328	4.77533
LTV1	TSS33915	chr6:14416450-	11.4061	42.3694
IDI1	TSS10023	chr10:1085963-	23.1444	87.5146
SUV39H1	TSS28972,TSS	chrX:48553944-	2.96953	5.13799
OSBPL7	TSS26499	chr17:4588473-	1.20685	1.35954
KMT2E-AS1	TSS17231	chr7:10465098-	4.8431	2.36868
UBE2F	TSS16575,TSS	chr2:23887558-	5.9261	10.1678
TP53BP1	TSS32241,TSS	chr15:4369941-	5.82431	7.55244
AKT1S1	TSS10947,TSS	chr19:5037228-	7.3958	11.0847
SUB1	TSS16898	chr5:32585604-	12.823	22.4357
EMILIN1	TSS12856	chr2:27301434-	0	0.174264
UBE2NL	TSS14933	chrX:14296717-	0.0886863	1.40155
CFAP97	TSS19337	chr4:18608081-	5.55634	15.5384
ARHGEF9	TSS20043,TSS	chrX:62854847-	1.05752	1.74233
ZNF181	TSS21569	chr19:3522547-	5.31899	3.99183
ZNF581	TSS25709	chr19:5615498-	24.3961	24.0008
RASA2	TSS4555	chr3:14120588-	10.2366	6.93252
EME2	TSS4020	chr16:1823228-	3.08331	1.46061
GUSBP10	TSS310	chr7:57233376-	0	0.457007
CIPC	TSS9400	chr14:7756457-	13.2125	11.715
RRP1B	TSS19987	chr21:4507943-	5.79629	28.1858
ITGB1	TSS11504,TSS	chr10:3318924-	30.5365	12.0252
PINX1	TSS28253	chr8:10622470-	5.53163	22.4697
CCDC51	TSS1135	chr3:48473579-	2.58778	9.25152
NPIP6	TSS27860	chr16:2835383-	1.73464	1.70929
HERPUD1	TSS9538	chr16:5696600-	92.9342	116.708
TPGS2	TSS33610	chr18:3435998-	10.6907	7.36794
SLG25A5	TSS12328	chrX:11860236-	69.2743	265.037
TMEM191B	TSS26569	chr22:2037766-	1.08667	0.618198
ZNF823	TSS2155	chr19:1183207-	2.03446	1.11495
LYSMD1	TSS10387,TSS	chr1:15113222-	1.52139	1.59478
DCAF13P3	TSS19386	chr15:5123632-	0.66109	0.469667
FAM53B	TSS23428	chr10:1263078-	16.803	14.6238
TUBG2	TSS20665	chr17:4081126-	1.56522	5.52835
LRPPRC	TSS20145	chr2:44113362-	12.527	53.7634
KLHL42	TSS21259	chr12:2793318-	2.13035	2.50342



ZNF544	TSS33156	chr19:58740069	5.40233	9.03811
LOC401127	TSS19903	chr4:39481874-	0.0656203	0.384859
NUMB	TSS16328	chr14:73741917-	15.5121	12.1675
IGF2R	TSS26777	chr6:160390130-	10.8724	14.5549
GALNT7	TSS21500	chr4:174089900-	3.27288	5.15951
NUTM2D	TSS10078	chr10:89117476-	0.433601	0.782299
LSM2	TSS31640	chr6:31765168-	5.08287	36.8399
CLN6	TSS10594	chr15:68499329-	4.0981	24.0168
RFX5	TSS4799	chr1:151313115-	14.3301	27.4013
C3orf33	TSS16219	chr3:155480400-	1.37649	0.740025
CCNG1	TSS29794	chr5:162864576-	23.0017	32.6299
ZNF100	TSS12309	chr19:21906842-	2.97037	4.99361
TDRD3	TSS18443,TSS	chr13:60970590-	3.84297	4.69247
FAM207A	TSS24112	chr21:46359954-	1.05016	21.5547
RPEL1	TSS216	chr10:10500564-	0.403455	0.715272
TOPBP1	TSS22046	chr3:133319448-	10.0162	12.0859
TRNT1	TSS10511	chr3:3168599-(-	5.50716	9.10511
KLHL25	TSS27530	chr15:86302558-	2.42026	1.70799
LOC441601	TSS26709	chr11:50238998-	0.262506	2.02803
IFT122	TSS18351	chr3:129158878-	0.819198	1.53755
DOCK9	TSS32764,TSS	chr13:99445740-	2.00837	3.07487
SASH3	TSS5546	chrX:12891389-	33.1904	75.4929
IL2RG	TSS29751	chrX:70327253-	60.4569	60.3934
ARIH2OS	TSS24848	chr3:48955220-	1.00189	0.648108
NOB1	TSS27445	chr16:69775756-	13.2619	55.3442
SLC25A34	TSS33745	chr1:16062808-	0.645552	0.466404
DHODH	TSS12756	chr16:72042642-	1.12514	8.25436
FLJ42627	TSS16047	chr16:2688982-	1.39107	1.09208
ZNF254	TSS18285,TSS	chr19:24216206-	4.29912	6.0483
PRDM2	TSS20058,TSS	chr1:14026734-	37.816	20.3382
GAR1	TSS18855	chr4:110736665-	6.21279	46.1945
PGRMC1	TSS10394	chrX:11837020-	4.85352	15.1761
SGMS1	TSS17658	chr10:52065344-	5.59204	6.22195
MPP5	TSS18111	chr14:67708017-	2.31301	3.2464
TOB1	TSS18868,TSS	chr17:48939586-	12.6506	9.68848
ZNF768	TSS26364	chr16:30535327-	8.88807	15.0761
GLB1L	TSS30911,TSS	chr2:220101319-	0	0.459011
WDR11	TSS5121	chr10:12261068-	14.3447	12.7098
SERTAD3	TSS17347,TSS	chr19:40946747-	14.1827	17.3242
LOC100147773	TSS3213	chr1:165738165-	0	0.358639
THBS3	TSS25045	chr1:155165378-	1.41941	0.893131
DLG1	TSS11837,TSS	chr3:196769430-	6.82894	9.22215
SNRPA	TSS29300	chr19:41256758-	13.8547	60.181
SLC25A40	TSS2686	chr7:87463813-	2.73253	3.05701
EBLN3	TSS18577	chr9:37079892-	21.2322	28.7329
RBAK	TSS4963,TSS6	chr7:5085451-(-	4.65764	5.67151
CDK7	TSS29957	chr5:68530621-	3.118	10.1885
PPP2R5C	TSS15048,TSS	chr14:10222810-	27.3945	31.3847
GBAP1	TSS33545	chr1:155183615-	2.29339	1.51981
GRWD1	TSS32267	chr19:48949029-	9.30594	49.7162
DKC1	TSS16369	chrX:153991010-	16.6307	85.7951
THSD1	TSS11735	chr13:52951302-	0.522084	0.220758
CYB5D2	TSS25703,TSS	chr17:4046461-	6.85885	5.32336
CA11	TSS23489	chr19:49141277-	8.63858	10.6456
TLE4	TSS18369	chr9:82186687-	7.10444	3.62407

SNRPN	TSS17895,TSS	chr15:25068790	34.6402	23.3887
AXIN1	TSS19749	chr16:3374394	11.0835	15.8623
TMEM68	TSS1962,TSS2	chr8:56651302	4.55914	5.51541
CCDC69	TSS2050	chr5:150560610	33.2427	52.3344
CFAP36	TSS3275	chr2:55746730	8.29059	9.10866
PIGU	TSS22267	chr20:33148340	3.27937	8.75528
G6PC3	TSS21677	chr17:42148090	3.56514	20.3897
KRTCAP3	TSS32931	chr2:27665232	0	0.269284
TUBGCP5	TSS4467	chr15:22833390	1.06463	3.98854
SNHG21	TSS11182	chr15:83419310	4.2941	6.10561
PRKCB	TSS16683	chr16:23847290	86.7737	73.847
ZNF619	TSS3255,TSS7	chr3:40518603	3.70015	2.91234
FOXN3-AS1	TSS15428	chr14:89883690	0	0.887429
DHRS11	TSS10099	chr17:34948220	1.07762	3.85803
CCT6B	TSS1581	chr17:33254870	1.5437	0.643012
REXO2	TSS34231	chr11:11431010	15.1692	35.974
RFFL	TSS18457,TSS	chr17:33336130	26.9477	16.2604
TLK1	TSS32321,TSS	chr2:171847330	16.1274	13.6729
RNF169	TSS27525	chr11:74459910	5.39675	4.67841
TTC9C	TSS19831	chr11:62495950	8.74503	11.4643
ENTPD5	TSS4728	chr14:74433180	0.753434	1.32545
INTS7	TSS19604	chr1:212113740	3.88873	6.17261
XPNPEP1	TSS8642	chr10:11162450	6.85093	16.1405
DTD1	TSS16236	chr20:18568550	7.74432	31.0803
CFAP44	TSS8200	chr3:113005770	1.61446	0.758669
NANS	TSS5719	chr9:100818950	10.0195	35.9373
SLX4IP	TSS30029	chr20:10415950	1.57959	0.677051
GALNS	TSS32767	chr16:88880140	4.13812	3.02031
MORF4L2	TSS14156,TSS	chrX:102930420	26.1781	49.8078
GOLGA8DP	TSS16593	chr15:22702280	0.0557352	0.0919923
LOC100129917	TSS24876	chr4:77393670	2.61004	2.93102
FARS2	TSS31158	chr6:52615830	5.42794	13.9423
HAGHL	TSS14525,TSS	chr16:7769350	6.39801	10.1295
NUCB1	TSS6504	chr19:49403300	20.9468	20.9358
LOC344967	TSS22430	chr4:400445360	0.576456	0.587953
ZSCAN5A	TSS645	chr19:56732670	1.06876	2.94292
HN1L	TSS13836	chr16:17282770	7.81631	22.1385
LOC100289561	TSS3790	chr7:102004300	0.000217739	3.514
C17orf59	TSS16748	chr17:80916500	8.18358	8.96162
SLC35B4	TSS17883	chr7:133974080	1.87524	4.16871
EOGT	TSS3634	chr3:690243620	3.25915	2.9506
EIF2A	TSS31740	chr3:150264570	11.8603	37.0227
MRPL37	TSS16062	chr1:546658390	18.526	59.1623
LOC646938	TSS27814	chr15:79044370	0	0.806844
RFC2	TSS6922	chr7:736458310	10.9022	20.6533
SLIRP	TSS25914	chr14:78174410	62.507	245.608
LOC100294145	TSS18370	chr6:328619520	4.74856	5.13949
KBTD3	TSS1425	chr11:10592180	0.687332	0.783367
FMNL1	TSS1554	chr17:43299290	36.7844	29.0391
CCT2	TSS16471,TSS	chr12:69979200	45.8722	215.654
ASL	TSS19233,TSS	chr7:655407750	3.9041	7.99232
PDCD4	TSS8255	chr10:11263150	47.3868	71.5084
ASXL1	TSS22459	chr20:30946140	15.3525	17.2366
KIF9-AS1	TSS241	chr3:472058590	0.281069	0.190407
EMC9	TSS18703	chr14:24608170	2.49421	6.91862

WDR48	TSS11152	chr3:39093476-	8.99131	11.5623
BMPR1A	TSS6268	chr10:88516395-	0.378743	0.3181
SCFD2	TSS22724	chr4:53739150-	0.637739	9.72293
PIGA	TSS5074	chrX:15337572-	2.47584	3.69787
LIN7B	TSS29263	chr19:49617611-	1.8705	2.14419
REPS1	TSS22602	chr6:13922515-	4.61412	7.83788
RPS15AP10	TSS32928	chr1:46111451-	4.16869	2.0085
CAHM	TSS9737	chr6:163834096-	1.39048	1.52809
LOC100130744	TSS21203	chr5:14712802-	2.33886	3.25131
VAMP8	TSS1540	chr2:85804613-	54.9163	151.462
GOLGA8CP	TSS29405	chr15:20767675-	0.072028	0.0731765
CYBA	TSS29175	chr16:88709696-	171.481	173.453
PPA2	TSS22818	chr4:106290235-	6.64201	19.8849
WBP2	TSS20461	chr17:73841779-	35.1609	38.8376
USP1	TSS11230,TSS	chr1:62901974-	17.2714	17.4861
LINC00998	TSS10612	chr7:112756775-	15.1939	31.4992
BLOC1S1-RD1	TSS2120	chr12:56109811-	0.997377	1.14565
TUBE1	TSS28493	chr6:112391859-	6.71258	5.50055
MAP3K3	TSS9150	chr17:61699800-	8.75602	7.9496
GP1BA	TSS30809	chr17:4835569-	0.583886	0.246576
CPEB1-AS1	TSS6402	chr15:83316520-	0	0.23882
NLE1	TSS13824,TSS	chr17:33458340-	3.69825	19.0868
NUDT4	TSS12601,TSS	chr12:93771698-	4.11601	2.16729
BTN2A2	TSS19173,TSS	chr6:26383323-	3.28674	3.07571
TBC1D2B	TSS21628	chr15:78287326-	3.67884	2.52183
LOC101927550	TSS25237	chr7:98610787-	3.06773	0.831346
DHX37	TSS13228	chr12:12543136-	5.30658	26.3311
NCL	TSS19675	chr2:232319458-	112.392	674.514
SEH1L	TSS34017	chr18:12947982-	12.6883	45.5807
FAM78A	TSS8432	chr9:134133464-	4.66795	6.86743
RNF26	TSS19719	chr11:11920520-	6.56481	8.95771
MEX3D	TSS1442	chr19:1554667-	2.12866	1.68396
RPL23AP64	TSS32755	chr11:11887361-	6.41396	4.11579
CTAGE10P	TSS2491	chr13:50464544-	0.202371	0.107123
RINL	TSS19559	chr19:39358471-	4.41948	11.0334
PIGW	TSS26564	chr17:34891402-	3.55354	13.6031
TP53	TSS14896,TSS	chr17:7571719-	26.8794	51.2546
BAX	TSS1412	chr19:49458116-	66.4449	219.493
UQC2	TSS26941	chr6:33664537-	2.63347	20.949
HOMEZ	TSS9896	chr14:23742845-	1.83139	3.10773
MRPL24	TSS8841	chr1:156707095-	16.6934	85.9984
EMC3-AS1	TSS27380	chr3:10028576-	0.635326	1.78326
TRMT1	TSS18406,TSS	chr19:13215715-	16.5853	52.7177
TIMM17A	TSS12395	chr1:201924618-	13.4784	66.4811
ZNF496	TSS6230	chr1:247463621-	5.69694	6.22658
ORMDL3	TSS21343	chr17:38077295-	27.4578	28.6521
PARP10	TSS7599	chr8:145051319-	7.27797	5.74887
ZDHHC12	TSS24557	chr9:131483148-	10.8828	18.3487
YIF1A	TSS17100	chr11:66052050-	10.2203	58.5708
ZMYND11	TSS1614,TSS2	chr10:1804045-	8.74591	11.5322
EML2-AS1	TSS16005	chr19:46144751-	2.09445	4.54289
AK3	TSS13003,TSS	chr9:47095564-	2.09401	3.5676
PTMA	TSS4023	chr2:232573234-	292.559	819.176
CRTC3	TSS15126	chr15:91073111-	8.66907	6.38106
MAP3K14	TSS24267	chr17:43340485-	15.3713	11.3282

GSDMD	TSS27305,TSS	chr8:144635556	21.7812	21.7321
DHRS4L2	TSS22694,TSS	chr14:24439086	1.78911	4.18674
LAGE3	TSS25170	chrX:15370610	8.52377	17.8903
CCDC167	TSS13335	chr6:37450696	12.772	28.2749
CYTIP	TSS15998	chr2:158271130	139.521	163.994
RAD17	TSS12444,TSS	chr5:68665123	8.81332	10.5897
MVD	TSS3492	chr16:8871834	13.8607	34.0384
MOB3C	TSS2645,TSS2	chr1:47073386	6.56054	4.14493
CYP20A1	TSS15355	chr2:20410316	6.97248	5.14578
MYBBP1A	TSS21804	chr17:4442190	4.38837	37.905
HCG8	TSS15069	chr6:29979877	0.982197	1.30687
C9orf41	TSS33350	chr9:77597872	1.11102	9.23224
UBQLN4	TSS19756	chr1:15600508	6.36794	15.688
LYRM1	TSS12,TSS191	chr16:2091118	12.2245	16.1329
LOC100131564	TSS181	chr1:93775665	4.27046	2.80021
MRPL36	TSS16129	chr5:1798498	11.0806	43.3444
PPP1R21	TSS22198	chr2:48667907	7.12129	6.09904
AIMP2	TSS10795	chr7:6048881	4.31362	49.3008
RABGAP1L	TSS13034,TSS	chr1:17412855	14.2977	17.9363
FAM86C1	TSS30122	chr11:7149855	1.42938	4.8052
HDDC2	TSS20294	chr6:12559649	10.0741	37.7405
AMFR	TSS9715	chr16:5639536	57.0722	34.3461
TPTE2P1	TSS23425	chr13:2550289	0.222456	0.325027
DOK1	TSS5601,TSS6	chr2:74776146	17.7541	14.2403
BCDIN3D-AS1	TSS197	chr12:5022232	0.405948	0.32512
TMSB10	TSS29176	chr2:85132762	704.029	942.148
GID4	TSS12742	chr17:17942610	1.39484	3.27826
GNGT2	TSS1072,TSS2	chr17:4728359	2.79209	16.7463
WWP1	TSS13480	chr8:87354993	6.45799	5.3669
SPATA24	TSS27691	chr5:13873245	0.651855	3.41728
ZFAND3	TSS25755	chr6:37787306	14.8401	12.9479
C5orf45	TSS10097	chr5:17926426	2.93697	1.88792
PLCL2	TSS19321,TSS	chr3:16926451	11.8878	7.99806
DHRS4L1	TSS17894,TSS	chr14:2447621	3.2815	5.02397
C8orf37	TSS21489	chr8:96257140	0.858233	1.56012
SULT1A2	TSS3824,TSS5	chr16:2860326	3.90022	1.72525
CA13	TSS23593	chr8:86157715	0.870437	0.533711
VOPP1	TSS18364,TSS	chr7:55538300	38.0313	26.5765
PDIA4	TSS16466	chr7:14870015	11.8103	30.0105
LRRC27	TSS14301,TSS	chr10:1341456	2.03204	1.01476
CLN5	TSS14785	chr13:7756605	8.40711	5.79748
SHFM1	TSS33879	chr7:96318078	66.9126	230.289
STK17B	TSS31191	chr2:19699830	43.1651	92.0124
PDK2	TSS21044,TSS	chr17:4817210	2.9806	4.86542
MRPL16	TSS33092	chr11:5957360	16.257	57.3084
FBXO4	TSS16912,TSS	chr5:41925353	2.06936	4.28256
FOXO4	TSS2928	chrX:70315998	6.22521	4.40272
PPP1R32	TSS1845	chr11:6124858	0	0.910563
CREM	TSS15513,TSS	chr10:3541576	16.1446	22.7084
KIF27	TSS15946	chr9:86451614	2.31565	1.26536
PPAPDC1B	TSS8391	chr8:38120649	11.8728	13.3482
NUPL1	TSS2764	chr13:2587566	6.41817	12.0663
SLC44A2	TSS26164,TSS	chr19:1071312	51.0092	68.7887
XPO5	TSS25093	chr6:43490067	4.01927	16.1781
NOL6	TSS1927	chr9:33461350	5.69502	33.5884

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DPH3	TSS14285	chr3:16298567-	3.67741	6.15047
ZNF669	TSS31564	chr1:24726326-	4.74513	5.88221
FBXO22	TSS21029	chr15:7619619-	5.568	9.93886
YWHAQ	TSS3845	chr2:9724095-	58.8667	111.919
HBP1	TSS16836,TSS	chr7:10680940-	31.7805	14.3528
PLBD2	TSS22016	chr12:1137963-	1.98661	6.45441
MIRLET7DHG	TSS21651	chr9:96938851-	3.67364	3.22073
HNRNPA1P33	TSS13553	chr10:4713329-	1.79296	3.60889
CETN3	TSS17209	chr5:89689151-	5.00359	13.8547
LOC257396	TSS16120	chr5:52405671-	0.302751	1.0695
NUDT19	TSS15013	chr19:3318286-	2.79905	7.39934
DAP	TSS33071	chr5:10679341-	12.8217	20.9828
PAPSS1	TSS13481	chr4:10853482-	9.46053	10.5904
ADSL	TSS13182	chr22:4074250-	11.4522	85.0274
ADAL	TSS2848	chr15:4362255-	0.304761	1.25133
UBE2D1	TSS31406	chr10:6009473-	5.34486	8.41852
ANGEL1	TSS17837	chr14:7725358-	2.68497	4.88422
FGFBP3	TSS2577	chr10:9366634-	0.121737	0.484713
RPS12	TSS16436	chr6:13313570-	927.683	1394.43
RBM6	TSS22515	chr3:49977476-	30.4696	24.0999
ROMO1	TSS32011	chr20:3428723-	41.3618	181.179
FDPSP2	TSS25698	chr7:76099336-	0.774887	0.505555
PDCD2L	TSS27406	chr19:3489530-	2.31489	23.0985
PRKD3	TSS11348	chr2:37477645-	15.978	10.3701
BOP1	TSS20467	chr8:14548600-	3.15753	85.1699
GLRX2	TSS14369,TSS	chr1:19306559-	4.20745	18.9555
PACSIN2	TSS15070,TSS	chr22:4326577-	17.932	26.6329
ZBTB7B	TSS30922	chr1:15497510-	12.2156	13.7959
ZNF605	TSS21912,TSS	chr12:1334980-	1.55729	3.06887
AK6	TSS17710,TSS	chr5:68647552-	17.6169	52.244
MTA1	TSS31490	chr14:1058861-	14.2933	26.9275
TMEM106B	TSS6957	chr7:12250847-	2.58172	2.02398
STPG2	TSS2080	chr4:98480024-	0	0
MASP2	TSS13215	chr1:11086579-	2.00411	0.592454
ZNF547	TSS16309	chr19:5787480-	0.842169	0.757174
ARMC6	TSS28369	chr19:1914438-	3.91756	29.7626
MPV17L2	TSS9423	chr19:1830403-	1.36462	26.4351
AKNA	TSS11161	chr9:11709643-	27.3413	22.6944
CATSPER3	TSS16786	chr5:13430359-	0.625102	0.269094
ABHD3	TSS13479,TSS	chr18:1923085-	19.8823	9.62401
DIS3L	TSS30740,TSS	chr15:6658563-	5.93605	7.8182
HSPA8	TSS24645	chr11:1229281-	269.222	825.881
P2RY8	TSS28302	chrY:1531465-	11.3276	10.3592
PKD2	TSS21822	chr4:88928798-	0.891231	1.11009
ZNRD1-AS1	TSS17356	chr6:29968787-	1.5384	1.38375
ASF1A	TSS2331	chr6:11921524-	14.1386	16.6058
UFSP1	TSS806	chr7:10048634-	0.251279	1.28604
GOLGA6L9	TSS18049,TSS	chr15:8272218-	0.749947	1.16252
XPR1	TSS18944	chr1:18060114-	2.50803	4.43416
TMEM254-AS1	TSS23810	chr10:8180598-	0.071428	0.23826
MED31	TSS1662	chr17:6546632-	3.32529	7.1713
PRMT5	TSS9242	chr14:2338971-	11.3454	61.8987
TOMM5	TSS326	chr9:37588411-	32.5975	165.12
UBE3D	TSS15450	chr6:83602116-	1.22434	4.98038

DARS	TSS25949	chr2:136663450	16.0043	36.7338
PGK1	TSS1188	chrX:77359665	47.9494	191.926
LOC100130093	TSS26811	chr1:227916230	1.63476	0.75935
PLEKHA8P1	TSS10758	chr12:45566810	2.47343	1.49835
PRDX6	TSS5133	chr1:173446480	55.918	71.6424
FANCE	TSS21414	chr6:354201370	3.05488	5.83849
CLCN6	TSS30318	chr1:118661520	8.94584	7.25241
SNRPD1	TSS29654	chr18:19192220	6.16184	43.103
CHURC1-FNT1	TSS914	chr14:65381070	1.22426	3.74018
SLC39A10	TSS18214,TSS	chr2:196521530	4.27847	4.11951
CSNK2A1	TSS24303	chr20:4633370	11.9327	23.1249
CDNF	TSS12736	chr10:14861250	0.752472	0.194365
JMJD4	TSS8043	chr1:227918880	2.0358	12.1057
TUBA1A	TSS6414	chr12:49578570	49.4249	152.005
B3GALT6	TSS28680	chr1:11676280	3.89081	8.0527
NPTN	TSS20972	chr15:73852340	12.2431	19.1083
AGPAT2	TSS24395	chr9:139567590	7.27307	11.0116
TES	TSS13779,TSS	chr7:115850540	33.6161	29.6107
TMEM8B	TSS33871,TSS	chr9:358292210	1.1705	1.23108
QRSL1	TSS32710	chr6:107077440	9.60763	10.7917
DNASE2	TSS33806	chr19:12986020	17.0261	23.0915
MCCC2	TSS6606	chr5:708831140	6.36173	26.157
FAM168A	TSS2902	chr11:73111520	5.51827	4.29834
TRAK1	TSS16298,TSS	chr3:421327450	11.8191	18.8069
CMIP	TSS12019,TSS	chr16:81478770	9.73219	13.7977
ACYP1	TSS6430,TSS9	chr14:75519920	4.88888	6.96063
CNPY4	TSS13662	chr7:997172640	1.05791	2.88096
BACH1	TSS19808,TSS	chr21:30671110	38.146	18.7744
LMNB2	TSS29349	chr19:24281620	5.48506	28.1961
LDAH	TSS3087	chr2:208837730	3.49621	7.3514
APEX1	TSS5538	chr14:20923280	30.8517	190
TIMM9	TSS13322,TSS	chr14:58875210	6.70584	21.2852
ZCCHC2	TSS10201	chr18:60190650	4.51875	4.05043
MBTPS2	TSS28954	chrX:21857655	1.61199	2.252
LOC105373383	TSS5239	chrX:152864790	1.3973	0.250778
NNAT	TSS631	chr20:36149600	2.36516	1.18551
TMEM106A	TSS11302	chr17:41363840	7.39575	4.5266
NRL	TSS21083	chr14:24549310	0.276803	0.321545
UTP15	TSS12988	chr5:728615650	1.34152	10.1718
IFI27L1	TSS7813	chr14:94547630	5.39107	5.02474
TEF	TSS13038,TSS	chr22:41763330	2.12499	2.10646
FLI1	TSS6844,TSS7	chr11:12855640	21.7144	14.154
RNF2	TSS30839	chr1:185014550	6.29536	7.28525
ABCB10	TSS5818	chr1:229652320	3.20852	5.11535
LOC100289230	TSS12974	chr5:982648370	2.39013	1.73776
NCK2	TSS20532,TSS	chr2:106361510	19.0336	11.0492
BCKDHB	TSS20392	chr6:808163430	0.905544	3.14313
LOC90784	TSS12748	chr2:862473380	2.20051	4.62365
CCT3	TSS32176	chr1:156278750	71.4068	244.927
DHRS13	TSS25004	chr17:27224790	6.22608	5.50273
AHSA2	TSS18803	chr2:614045540	9.84709	7.88745
LANCL1	TSS22659,TSS	chr2:211295970	5.74616	6.47255
SMN1	TSS7570	chr5:702207670	4.16272	17.0041
CNNM2	TSS2004	chr10:10467800	1.86568	1.79368
DGKZ	TSS10317,TSS	chr11:46354450	2.84634	4.54091

FAM107B	TSS20194,TSS	chr10:14560551	100.698	71.4031
RRP12	TSS4604	chr10:99116451	2.85711	28.6513
RAC2	TSS28180	chr22:37621300	66.194	132.514
SYNGR2	TSS1964	chr17:76164670	92.8699	153.927
DNASE1L1	TSS2008,TSS2	chrX:153629570	1.62185	2.28622
ZNF84	TSS10953,TSS	chr12:13361381	6.06916	3.93888
SLC7A1	TSS33891	chr13:30083550	12.4689	28.175
PHB	TSS25581,TSS	chr17:47481400	10.6293	105.768
LOC100507424	TSS23040	chr12:29459811	0.762715	1.73224
C20orf27	TSS17717,TSS	chr20:37341451	4.1454	47.3371
FANCC	TSS15547,TSS	chr9:978613351	1.76619	1.91106
C12orf49	TSS32684	chr12:11715111	8.41036	10.475
TMEM182	TSS15763	chr2:103378480	0.304662	0.160352
TGDS	TSS8760	chr13:95226301	6.53873	8.43655
CELF2	TSS19500,TSS	chr10:11047250	10.9397	10.7988
COQ2	TSS7081	chr4:841849761	2.23377	11.937
RASSF5	TSS32750,TSS	chr1:206680861	29.4405	24.7649
PSMB8-AS1	TSS9650	chr6:328118621	14.4541	16.305
SLC39A11	TSS5672	chr17:70642084	0.54638	5.72279
TMEM161B-AS1	TSS15426,TSS	chr5:875646981	3.34043	2.64032
ATP2A3	TSS32310	chr17:38271621	58.6313	30.3241
ERMP1	TSS19760	chr9:578457111	1.99842	1.24094
IRF2BPL	TSS5183	chr14:77490881	5.25581	2.44225
CPNE3	TSS13590	chr8:875266551	14.5484	17.0806
EEF2KMT	TSS19657	chr16:51343001	0.633627	12.0918
RIC1	TSS28486	chr9:562911811	13.0358	16.5927
CALCOCO1	TSS8249	chr12:54104901	15.0014	8.80761
LPGAT1	TSS18424	chr1:211916790	10.8108	11.2741
SPIN2B	TSS13423,TSS	chrX:571461141	1.71474	3.53296
TCP11L1	TSS14807,TSS	chr11:33060961	1.16641	2.6039
RFXAP	TSS29747	chr13:37393330	4.67375	2.61042
ALG8	TSS27574	chr11:77811981	3.99847	15.7153
SNHG15	TSS9043	chr7:450226261	17.813	42.2918
PIGP	TSS2447,TSS3	chr21:38437660	3.57823	9.88213
MAGOHB	TSS10762,TSS	chr12:10756360	2.01631	5.85824
PGBD2	TSS452	chr1:249200441	5.46094	4.20266
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BCAT2	TSS29246	chr19:49298310	8.06183	32.1568
TMPRSS13	TSS13907	chr11:11777130	0.315028	0.0812804
MRPL17	TSS14700	chr11:67016151	2.16102	16.8887
CBWD5	TSS11931	chr9:692566331	9.9182	32.4667
SREBF1	TSS34136	chr17:17714660	3.08474	2.42805
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DFFA	TSS14458	chr1:105206021	8.54159	18.4567
RAD50	TSS12757	chr5:131892610	7.34672	14.4631
LRRC56	TSS28075	chr11:53752111	0.975418	1.83211
C19orf66	TSS6236	chr19:10196794	14.5854	14.6544
KRBA2	TSS1068,TSS2	chr17:82719701	1.48941	0.716948
THG1L	TSS2494	chr5:157158320	7.68992	16.7567
NUCKS1	TSS27994	chr1:205681940	15.8038	21.8446
RRP9	TSS18763	chr3:519674411	5.29189	57.2419
SFMBT2	TSS19004,TSS	chr10:72005851	0.725826	1.74725
NOMO1	TSS10564	chr16:14927640	9.38131	16.3669
LRIF1	TSS30281	chr1:111489811	16.8733	10.1213
LAMB2P1	TSS24313	chr3:491902911	0.605766	0.703927

COMTD1	TSS31921	chr10:76993728	1.80463	14.7546
SPATA2L	TSS29068	chr16:89762764	3.03232	2.70449
PPP1R14B	TSS7399	chr11:64011950	19.0299	51.8114
ISOC2	TSS1582	chr19:55964345	5.54835	38.2421
GEMIN6	TSS15444	chr2:39005326-	1.34833	26.854
HIC2	TSS31031	chr22:21771692	1.65418	2.32301
LINC01089	TSS649	chr12:12223317	2.67787	1.00153
P2RY8	TSS4856	chrX:1581465-	11.9149	11.3526
KIAA0020	TSS4260	chr9:2804154-	8.87714	41.7353
SERAC1	TSS13871	chr6:158530535	1.87733	1.15991
LRRC59	TSS14409	chr17:48458595	9.0111	51.4428
ZNF75A	TSS5148,TSS9	chr16:3355405-	10.3427	8.73148
ZNF14	TSS8708	chr19:19821280	5.21845	4.0166
SPIN2A	TSS24583	chrX:57162082-	0.271305	1.04652
HMGNI	TSS29169	chr21:40714240	68.8376	92.8359
TMEM180	TSS30530	chr10:10422110	1.54745	1.69407
AMACR	TSS30473	chr5:33987090-	2.14664	1.45684
FAM98A	TSS2586	chr2:33808727-	5.11515	27.1719
WDSUB1	TSS2467,TSS2	chr2:160092300	8.45485	7.60499
TRMT6	TSS6820	chr20:5918478-	5.02434	20.8489
RASA4CP	TSS21284	chr7:44068485-	3.37479	9.06108
RBL1	TSS11854	chr20:35624754	2.69081	3.26266
ALKBH2	TSS13842	chr12:10952595	2.3591	27.4093
SYNGAP1	TSS30899	chr6:33387846-	1.34864	3.03971
EED	TSS12706	chr11:85955425	11.6973	15.8991
MOV10	TSS16113,TSS	chr1:113216935	5.47163	3.55464
DKFZP586I142	TSS13134	chr7:30409665-	11.3515	4.83629
PTRH1	TSS7149	chr9:130476220	1.9926	10.8236
PRDX3	TSS18003	chr10:12092727	29.0007	83.605
IFI16	TSS11154	chr1:158979687	52.1754	70.3826
TNFAIP8	TSS11582,TSS	chr5:118604380	41.9829	31.5893
TOM1	TSS15873,TSS	chr22:35695267	10.9747	10.4001
CABLES2	TSS30684	chr20:60963685	1.3482	2.35157
C12orf60	TSS15743	chr12:14956505	1.69449	1.17883
FXYD5	TSS10176,TSS	chr19:35645624	180.786	113.168
EGLN1	TSS10972	chr1:231499490	3.50161	3.89352
ZMYND19	TSS948	chr9:140476530	10.1845	21.5006
HDAC2	TSS31304,TSS	chr6:114257315	5.11924	19.1739
TUBA4A	TSS17198,TSS	chr2:220114432	43.19	59.6543
RSRC1	TSS11284	chr3:157827840	4.18078	8.95896
KCTD17	TSS2867	chr22:37447775	3.62628	6.61821
MAML2	TSS158	chr11:95709750	3.03221	2.43067
TSEN15	TSS10142	chr1:184020784	11.789	23.3593
PIGX	TSS28033	chr3:196439244	3.64336	6.01147
ANO6	TSS13746,TSS	chr12:45609765	3.32799	3.86118
CACFD1	TSS19137	chr9:136325080	6.74036	6.60812
G2E3	TSS28805	chr14:31028328	3.43593	3.44395
CTSK	TSS2592	chr1:150768685	1.80116	0.41261
TMEM25	TSS7919	chr11:11840180	2.70889	1.37462
NEMP1	TSS2722	chr12:57449425	7.98725	7.24156
LOC494127	TSS15781	chr9:89698800-	0.189476	0.0412942
TULP3	TSS21210	chr12:3000032-	3.53811	3.33421
NOTCH2NL	TSS33257	chr1:145209112	8.52195	5.39256
B3GNT9	TSS28222	chr16:67182004	0.868157	0.154101
GOLGA8F	TSS790	chr15:28623785	0.030215	0.0756199



EPB41L4A	TSS32017	chr5:111498314	2.05706	1.88334
UBE2L6	TSS13909,TSS	chr11:57319127	29.6956	30.6905
LOC644656	TSS11699	chr11:9481102-	4.01307	3.6072
LINC00894	TSS1265	chrX:149106761	2.37365	0.354599
CROCCP2	TSS15285	chr1:16944750-	18.3949	15.7448
RFC1	TSS17137	chr4:39289068-	11.1615	11.0068
PAQR3	TSS11614	chr4:79839093-	1.634	3.48697
CTNNBIP1	TSS20400	chr1:9908333-9	0.746013	1.55927
BBC3	TSS12888,TSS	chr19:47724078	10.2295	10.3312
SOX7	TSS23459	chr8:10581277-	0.201008	0.539385
GHET1	TSS26159	chr7:148684618	0.216713	0.205133
GMFG	TSS34010	chr19:39818996	78.1513	88.1638
ZNF420	TSS7717	chr19:37569387	4.14007	2.95571
ACAP1	TSS4772	chr17:7239847-	25.5528	22.835
SCPEP1	TSS10405	chr17:55055467	24.6386	19.4835
POLR3B	TSS10444,TSS	chr12:10675146	1.62419	4.62859
DNASE1L2	TSS6065	chr16:2286467-	0.880375	0.341111
POM121L1P	TSS19783	chr22:22974027	0.230605	0.155011
CEP85	TSS12829,TSS	chr1:26560643-	5.14181	7.80287
ZNF117	TSS3203	chr7:64434829-	4.89776	1.87378
ARHGEF1	TSS6258,TSS8	chr19:42387266	37.6033	48.6229
TMEM143	TSS1048	chr19:48835616	1.11999	1.49701
FLJ37035	TSS25601	chr10:12739385	0.105978	0.116393
POM121L9P	TSS1874	chr22:24647588	0.118663	0.160214
LONP1	TSS20724,TSS	chr19:5691844-	17.9353	51.7094
EXO5	TSS1446	chr1:40974432-	3.849	4.47057
SSH1	TSS15234,TSS	chr12:10917646	5.65287	6.26979
SARS2	TSS8867	chr19:39405906	1.40999	4.69938
KCTD7	TSS23805	chr7:66093867-	8.20523	3.42888
GDE1	TSS3006	chr16:19513014	8.99975	12.1746
BTD	TSS16231,TSS	chr3:15642858-	1.89236	2.00134
TMEM191C	TSS32898	chr22:21821458	0.479878	0.612633
GLO1	TSS20823	chr6:38643701-	16.815	53.2766
BNIP3L	TSS16678	chr8:26240522-	15.9479	7.94862
ASAP1	TSS15216	chr8:131064356	3.62119	4.22804
BCL7C	TSS8807	chr16:30845367	12.891	17.8751
PPM1M	TSS20654,TSS	chr3:52279808-	6.13964	5.93398
HS1BP3	TSS18297	chr2:20817563-	5.46233	2.75695
ATP8B2	TSS16541,TSS	chr1:154298035	4.38596	6.19975
IPO4	TSS2954	chr14:24649424	2.92668	33.615
NBEAL1	TSS7468	chr2:203879607	0.834752	0.649502
LINC00094	TSS32530	chr9:136890566	2.25907	4.17865
PAG1	TSS16244	chr8:81880045-	5.81257	7.35434
LOC101930071	TSS7241	chr19:42901279	1.59582	2.5043
TRIAP1	TSS609	chr12:12088176	11.7001	55.6219
UFSP2	TSS23328	chr4:186320696	4.19008	6.72701
GBA	TSS18235,TSS	chr1:155204238	6.16613	7.54566
UTY	TSS29032	chrY:15360258-	5.47967	3.80423
EXOSC5	TSS33075	chr19:41892275	4.99338	42.9262
CENPL	TSS12280,TSS	chr1:173768687	3.54093	3.62814
TNFAIP1	TSS21107	chr17:26662547	2.71297	4.48437
SUV420H2	TSS21860	chr19:55851226	1.53739	0.964358
FKBP7	TSS33738	chr2:179328396	0.716486	0.460191
H1FX	TSS19195	chr3:129033616	8.42852	9.90916
CHAD	TSS9574	chr17:48541856	0.92741	0.190153

RCC2	TSS16050,TSS	chr1:17733250-	25.4041	45.2172
PDCD4-AS1	TSS3369	chr10:11262864-	3.69908	1.5895
CASP3	TSS15404	chr4:185548849-	12.6075	18.3303
LDHB	TSS30765,TSS	chr12:21788274-	75.0465	478.094
GNS	TSS17081	chr12:65107221-	11.4884	7.43045
LOC644762	TSS30408	chr5:149310926-	0.7988	1.06375
VMAC	TSS32366	chr19:5904851-	3.35536	3.2005
GP3M3	TSS20522,TSS	chr6:32158542-	50.6164	43.5326
PTPDC1	TSS17109,TSS	chr9:96793075-	1.78778	1.07553
GNPTAB	TSS5	chr12:10213921-	12.0279	8.38836
TMEM80	TSS7914	chr11:6955901-	4.4131	3.62095
ATP2B1	TSS7134	chr12:89981825-	36.4824	15.0554
KIF1C	TSS2385	chr17:4901242-	6.2892	8.07708
CARS	TSS20491	chr11:3022151-	24.6929	27.5607
NUMBL	TSS18896,TSS	chr19:41171811-	7.86061	7.02323
FAM122B	TSS19427,TSS	chrX:133903591-	9.23966	12.3285
LOC101927018	TSS4249	chr17:27253292-	0	0.0627903
RASAL3	TSS13688	chr19:15562431-	28.914	26.3972
TGFBR1	TSS18991	chr9:101867370-	10.3287	10.0594
ZNF75D	TSS3100,TSS7	chrX:134382531-	3.70042	2.03556
GEMIN8	TSS32388	chrX:14024844-	0.898821	5.68522
MIDN	TSS22029	chr19:1248551-	11.6701	18.8096
NFKB1	TSS18473	chr4:103422485-	17.1965	37.1908
COX5A	TSS19423	chr15:75212616-	28.2152	129.009
ZNF555	TSS32093	chr19:2841432-	0.51838	0.570141
CLK1	TSS25258,TSS	chr2:201717731-	109.491	53.7496
NIN	TSS16573	chr14:51186480-	18.9745	19.8599
LOC339803	TSS16056	chr2:61368726-	1.56977	3.34442
SRPRB	TSS29897	chr3:133502876-	8.72927	25.2871
COMMD1	TSS1537	chr2:62132802-	8.38951	39.6168
SVIP	TSS31984	chr11:22843591-	9.34423	11.5519
VWA8	TSS26247	chr13:42140960-	1.67939	5.23102
C20orf196	TSS21737	chr20:5731032-	6.5415	12.8241
MST1L	TSS2812	chr1:17081128-	0.453879	0.17283
CD99L2	TSS10949	chrX:149934801-	3.74835	4.38168
NOLC1	TSS24275	chr10:10391195-	16.1547	123.604
GALK1	TSS10621	chr17:73754011-	4.50239	10.9531
NUDT15	TSS10292	chr13:48611702-	3.26318	6.353
FAM60A	TSS27557,TSS	chr12:31433519-	21.0847	35.9491
FAM179B	TSS8761	chr14:45431392-	3.15853	2.09514
ARV1	TSS13171	chr1:231114822-	5.21753	6.03842
SYNE4	TSS17737,TSS	chr19:36494001-	0	0.493505
PHC1	TSS2984	chr12:9067315-	6.16881	7.39288
SEMA4F	TSS4866	chr2:74881354-	1.46547	0.684926
TMEM168	TSS18076	chr7:112402436-	2.6955	4.35197
POLR3K	TSS15200	chr16:96978-10-	14.5181	67.7888
DNAJB1	TSS11462,TSS	chr19:14625575-	66.6771	36.425
PPP1R3E	TSS16423	chr14:23765125-	2.49496	1.66996
SMN1	TSS34219	chr5:69345349-	2.76772	15.466
EIF2B3	TSS29750	chr1:45316193-	3.0033	21.6652
BRIX1	TSS616	chr5:34915819-	16.7288	54.8457
ZNF813	TSS24156	chr19:53970988-	2.96297	2.71484
TNPO3	TSS7073	chr7:128594231-	12.9389	23.4915
PSIP1	TSS12446,TSS	chr9:15464064-	27.7629	21.0224
ANP32C	TSS19420	chr4:165118158-	2.39683	7.15195

CHST10	TSS27933	chr2:10100832-	1.78417	5.2005
CROCCP3	TSS22637	chr1:16793930-	2.18364	0.898454
AFF1	TSS26349,TSS	chr4:87856153-	11.3756	9.92372
GEMIN5	TSS18038	chr5:15426697-	4.158	14.5036
TKFC	TSS4491	chr11:6110065-	1.74993	3.07829
RAB11B-AS1	TSS17802	chr19:8439259-	3.11865	1.51261
CASP7	TSS18332,TSS	chr10:1154389-	7.10728	6.4439
PER2	TSS14439	chr2:23915267-	1.87707	2.88931
METTTL13	TSS22491	chr1:17175076-	8.2607	20.8907
RFK	TSS14211	chr9:79000432-	2.65877	8.43032
METTTL20	TSS15049,TSS	chr12:3180009-	0	0.337394
SSC4D	TSS33840	chr7:76018645-	0	0.127142
MAFG	TSS27635,TSS	chr17:7987614-	52.2621	35.2078
EPC1	TSS10079,TSS	chr10:3255664-	19.3809	13.3111
EXOSC4	TSS9696	chr8:14513352-	7.20987	46.074
RBM43	TSS23646	chr2:15210472-	1.11264	0.508082
DOPEY2	TSS18429	chr21:3753683-	6.10802	3.24999
MTMR2	TSS32639	chr11:9556604-	2.96542	10.8591
AIM1	TSS28195	chr6:10695972-	8.38982	12.4083
MBTD1	TSS12203	chr17:4925478-	6.66768	4.74118
CCDC6	TSS15369	chr10:6154850-	5.49994	8.51775
UBL7-AS1	TSS19565	chr15:7475360-	1.15745	3.16069
MAPK8	TSS12023,TSS	chr10:4951468-	5.47476	3.74911
CEP57	TSS11137	chr11:9552362-	14.1994	11.2303
YARS	TSS18098	chr1:33240839-	22.7096	62.9166
SMAD5	TSS2911	chr5:13546853-	4.48676	5.26164
LIN52	TSS17191	chr14:7455165-	1.73774	5.46281
TRMT61A	TSS16323	chr14:1039955-	2.68523	19.3578
TMEM53	TSS21215	chr1:45118918-	0.140674	1.30741
PHF6	TSS8322	chrX:13350734-	9.07536	11.9966
TFAMP1	TSS8353	chr7:1654105-	0.162195	0.423867
MAP7D3	TSS1465,TSS3	chrX:13529537-	3.2151	5.80508
OCLM	TSS7158	chr1:18636970-	0	0.630973
RAB3IP	TSS25038,TSS	chr12:7013246-	2.57	2.35208
ATPAF1	TSS25729,TSS	chr1:47100710-	6.99691	14.6947
MAN2C1	TSS33578	chr15:7564813-	2.37096	5.99589
TGM1	TSS20916	chr14:2471831-	0.0638884	0.309122
ZEB1	TSS25120,TSS	chr10:3160810-	7.79282	5.88514
MTBP	TSS4973	chr8:12145763-	1.89882	1.88245
TTLL4	TSS18420	chr2:21957556-	1.72676	6.71491
GMPS	TSS11817	chr3:15558832-	7.11452	20.1276
MAP3K12	TSS12118	chr12:5387427-	1.55825	0.784124
MIPEPP3	TSS9189	chr13:2187226-	0.922219	0.853568
CENPO	TSS4367,TSS6	chr2:25016174-	2.31392	3.3678
ALX3	TSS19865	chr1:11060299-	2.25703	1.18218
CAD	TSS22031	chr2:27440257-	4.51561	23.1398
RHBDF2	TSS2799,TSS4	chr17:7446697-	23.3359	18.8942
HM13-AS1	TSS3429	chr20:3015550-	0	0
YWHAH	TSS16677	chr22:3234047-	20.2505	27.4279
EXOC4	TSS31554	chr7:13293782-	4.41256	9.86611
ZFPM1	TSS19750	chr16:8852001-	0.515348	1.43819
TIGD1	TSS17272	chr2:23341267-	3.27852	2.25765
GEMIN4	TSS25991	chr17:647660-	3.59278	23.2485
LOC10013398	TSS12144	chr2:70351167-	0	0.916512
ZNF28	TSS11371	chr19:5330066-	3.0557	3.59462

TNIP2	TSS17180,TSS	chr4:2743386-2	14.6124	26.3809
C15orf61	TSS30953	chr15:6781352-	1.95452	4.21441
PIP5K1P1	TSS29978	chr6:7986334-	0	0.16413
YWHAE	TSS3490	chr17:1247833-	34.0701	158.066
PPARA	TSS5889	chr22:4654649-	1.60008	1.29727
RTN3	TSS5036	chr11:6344892-	25.0179	18.3147
PRORSD1P	TSS13551	chr2:55509454-	0.965479	1.70651
ECM1	TSS12702	chr1:15048048-	0	0.200513
TCEB3-AS1	TSS33547	chr1:24086871-	1.58E-07	1.59093
INSIG2	TSS10990	chr2:11884604-	7.38481	4.39488
TFG	TSS12734,TSS	chr3:10042813-	13.1298	23.9929
NOMO2	TSS4005	chr16:1851118-	9.06442	16.8908
EHMT1	TSS31141	chr9:14051344-	17.6602	18.4168
ZNF227	TSS31993	chr19:4471668-	9.93474	6.47924
RUSC1-AS1	TSS25896	chr1:15529025-	0.646004	0
LPXN	TSS29067,TSS	chr11:5829434-	87.0656	95.111
CLPB	TSS12380	chr11:7200346-	4.77902	10.4443
UCHL3	TSS23095,TSS	chr13:7612361-	4.65775	30.132
URB2	TSS17841	chr1:22976198-	1.22492	8.42442
VRK2	TSS23700,TSS	chr2:58134785-	13.5169	20.1204
IBTK	TSS15007	chr6:82879703-	6.53104	9.12885
MZF1-AS1	TSS24055	chr19:5907055-	1.16222	0.345217
TSGA10	TSS10618,TSS	chr2:99613723-	0.894106	1.06971
RAPGEF6	TSS30882	chr5:13075961-	6.6573	7.17455
ENKD1	TSS18638	chr16:6769684-	3.19186	2.63759
PTCD2	TSS13675	chr5:71616193-	1.13555	2.76127
TUBB4B	TSS13086	chr9:14013571-	50.7212	148.098
LOC101929140	TSS18402	chr13:4170706-	0.720039	0.381184
RGS5	TSS30458,TSS	chr1:16311208-	0.0522311	0.942584
NR3C1	TSS2614,TSS2	chr5:14265749-	14.9779	11.0591
LOC101927322	TSS8886	chr18:5633724-	0.302529	0.520742
PLD2	TSS20143	chr17:4710395-	3.93368	2.08405
TRIM59	TSS30799	chr3:16015329-	6.29462	5.33298
LMF1	TSS12323,TSS	chr16:903634-	0.632646	1.82785
ZDHH8P1	TSS2510	chr22:2373279-	0	0.194285
AFF4	TSS9841	chr5:13221107-	14.794	9.36631
CCDC91	TSS3545	chr12:2841013-	6.09505	7.87537
CCP110	TSS20249	chr16:1953517-	2.79692	2.547
VDAC1	TSS18760,TSS	chr5:13330756-	14.9597	102.168
PAN2	TSS24644,TSS	chr12:5671000-	3.99672	3.31509
BOLA3	TSS22878	chr2:74362527-	4.51434	39.9094
TRIM25	TSS27458	chr17:5496526-	5.48734	10.5579
KCTD21-AS1	TSS895	chr11:7785083-	1.26885	0.556638
NRM	TSS1013,TSS1	chr6:30655823-	10.9074	5.85807
ST3GAL4-AS1	TSS24246	chr11:1262116-	1.49501	1.32628
ACSL3	TSS7725	chr2:22372573-	5.78555	6.25517
RTCB	TSS27677	chr22:3278356-	22.2133	58.2847
TP53TG1	TSS19714	chr7:86954663-	5.95434	3.47496
C2orf50	TSS20516	chr2:11273178-	0	0.360947
KIAA1407	TSS11281	chr3:11368298-	3.49248	0.881019
ZNF302	TSS18397	chr19:3516854-	13.8296	11.2645
SNORA70	TSS11864	chrX:15362862-	60.108	6.85402
LOC284023	TSS99	chr17:7816639-	0.777854	1.71894
ASIC3	TSS13203	chr7:15074537-	0.0210582	0.182094
TTC25	TSS8615	chr17:4008687-	0	0.237543

BICD1	TSS8722	chr12:32260184	4.45255	3.94979
RELL2	TSS10471	chr5:141016516	2.87653	5.43698
MTFR1	TSS30414,TSS	chr8:66556887-	1.70513	4.26362
DSCR9	TSS8652	chr21:38580800	0.507927	0.306016
LINC01534	TSS33988	chr19:37176340	1.39371	2.17673
ALDH4A1	TSS26350,TSS	chr1:19197923-	1.42306	4.70479
HEBP2	TSS5387	chr6:138725330	12.2585	11.817
SLC25A45	TSS30883,TSS	chr11:65142660	2.11	2.0978
CMC4	TSS30192	chrX:154289890	5.89169	7.60627
SMG1P2	TSS1719	chr16:30278910	2.96E-05	2.6131
H2BFXP	TSS22423	chrX:10323050	1.55631	0.924041
SARS	TSS29319	chr1:109756514	45.6017	85.442
ZSWIM8-AS1	TSS14414	chr10:75556270	1.86718	1.45357
ALMS1P	TSS24718	chr2:73872045-	0.269075	0.237895
PPIEL	TSS20671	chr1:39987951-	1.63708	0.395281
TBC1D24	TSS7929	chr16:2525146-	0.747998	2.08878
PBXIP1	TSS7375	chr1:154916550	45.5483	14.8691
GOLPH3L	TSS5161	chr1:150618700	4.69067	4.30771
ZFAS1	TSS12460,TSS	chr20:47894714	158.637	137.7
MFF	TSS19161,TSS	chr2:228189860	11.5574	19.6369
RLTPR	TSS26064	chr16:67679020	14.9044	13.5315
CUL7	TSS26703	chr6:43005354-	2.90848	2.96748
ARID5B	TSS24676,TSS	chr10:63661010	21.2265	10.413
ZNF132	TSS16908	chr19:58944180	2.53273	1.84792
PARP12	TSS33116	chr7:139723540	11.8319	9.86481
GFER	TSS17738	chr16:2034149-	4.55526	9.8898
SETD1B	TSS9477	chr12:12224260	10.6211	7.8889
ABAT	TSS16432,TSS	chr16:8768443-	1.01382	1.74276
ARHGEF19	TSS17933	chr1:16524598-	1.52944	1.84921
MORC3	TSS6684	chr21:37692480	27.2389	12.4615
CREB3L4	TSS12227,TSS	chr1:153940314	1.21949	1.56759
B3GLCT	TSS13666	chr13:31774110	2.33908	1.69069
SMAD9	TSS22960	chr13:37418960	0.227527	0.151786
NEU1	TSS6111	chr6:31826828-	17.6014	15.4271
TMEM123	TSS22269	chr11:10226700	52.5079	42.6846
DESI1	TSS24034	chr22:41994030	5.58631	23.0999
ZNF525	TSS10770	chr19:53868960	3.57421	3.27096
ACO1	TSS17445	chr9:32384600-	2.20717	4.92477
DONSON	TSS32269	chr21:34949850	2.53124	3.49465
NTPCR	TSS8685	chr1:233086360	5.44097	19.9596
RBKS	TSS3560	chr2:28004230-	1.27908	1.85343
CBLB	TSS928	chr3:105377100	8.62493	7.68345
WSB2	TSS21157,TSS	chr12:11847040	5.96156	8.2309
TSSC2	TSS16910	chr11:3402190-	0.0106045	0.547137
AP3B1	TSS15214	chr5:77298149-	9.08902	14.7365
ADAM15	TSS18776	chr1:155023740	3.75939	13.6156
HMGB2	TSS12013,TSS	chr4:174252520	94.7887	36.2907
TMEM159	TSS30523	chr16:21169690	5.71705	6.21306
LRRC39	TSS32276	chr1:100614000	0.314268	0.726046
MIR1184-1	TSS33344	chrX:154687170	71.9908	292.141
C6orf48	TSS29370	chr6:31802691-	95.179	82.4811
C17orf100	TSS29603	chr17:6555058-	1.76648	1.85554
ZNF77	TSS17327	chr19:2933215-	0.934686	1.7923
RUVBL2	TSS12413	chr19:49497150	21.0955	85.6371
LOC101927051	TSS3300	chr22:38037830	0.157474	7.17E-09

SASS6	TSS9264	chr1:100549100	3.12349	3.79989
ZNF594	TSS18686	chr17:5082830-	3.47879	1.84275
WDFY1	TSS26974	chr2:224740050	13.6625	10.9418
RUNX3	TSS11751,TSS	chr1:25226001-	21.1048	82.2473
ABCB7	TSS13347	chrX:74273006-	6.5838	16.6685
KPNA5	TSS23583	chr6:117002360	6.83036	3.41255
PTPRCAP	TSS33971	chr11:67202980	240.432	111.106
BRI3	TSS26582	chr7:97910978-	26.2337	17.7635
GSTCD	TSS19986,TSS	chr4:106629940	1.7385	3.13452
RAP2B	TSS3397	chr3:152880000	3.00856	3.39202
GTF2H2C_2	TSS8503	chr5:68856073-	3.6991	8.56779
IQCC	TSS18983	chr1:32671235-	0.574627	0.513443
CHCHD3	TSS23830	chr7:132469620	4.98879	28.9161
MRPS26	TSS152	chr20:3026674-	8.79147	46.4808
ATAD3A	TSS29789,TSS	chr1:1447522-	4.7396	46.4898
NOP56	TSS29275	chr20:2633177-	35.4832	159.464
NNT	TSS7579,TSS7	chr5:43602790-	5.12025	6.86194
SLC22A18	TSS11868,TSS	chr11:2920950-	0.911135	0.399923
CNTF	TSS23178	chr11:58390140	1.84E-13	0.95383
NHP2	TSS9902	chr5:177576460	21.6273	187.201
ZNF267	TSS21145	chr16:31885070	18.093	14.4453
DOCK10	TSS23310,TSS	chr2:225629800	6.27375	7.03095
RGPD5	TSS981	chr2:113125960	2.98821	2.59403
FNDC3A	TSS27447,TSS	chr13:49550040	8.38555	8.40776
SLC17A5	TSS12535	chr6:74303101-	5.44463	2.71733
PKM	TSS15548,TSS	chr15:72491360	117.214	407.071
SBNO2	TSS32362,TSS	chr19:1107632-	9.8424	9.38492
RAD51B	TSS33150	chr14:68286490	0.220146	3.19685
SLC2A1	TSS2042	chr1:43391045-	49.4676	30.8067
POFUT2	TSS9258	chr21:46683840	3.84242	3.65651
SNX5	TSS12284,TSS	chr20:17922230	12.2218	28.1366
HAS3	TSS1732,TSS2	chr16:69139460	0.514453	0.555437
KCNJ14	TSS25553	chr19:48958960	0.403828	0.877738
EDEM1	TSS20444	chr3:5229358-	79.4695	53.3473
PDP1	TSS17868,TSS	chr8:94929082-	10.2936	5.40784
CCDC183	TSS28266	chr9:139690780	1.00E-09	0.0833657
NLGN3	TSS15536	chrX:70364680-	0.484767	0.331571
BAIAP2L2	TSS32882	chr22:38480890	0.590059	0
CENPQ	TSS1805	chr6:49431095-	1.33502	3.81566
DNPH1	TSS17577	chr6:43193366-	17.0059	53.5097
TREX1	TSS2175	chr3:48506918-	8.32701	11.8718
TP53I13	TSS14428	chr17:27895730	13.1896	9.66659
CCDC109B	TSS27630	chr4:110481350	17.6171	13.6052
RPS27L	TSS4824	chr15:63445530	28.3148	111.837
MALT1	TSS15185	chr18:56338610	12.7362	37.4028
ANKRD12	TSS17554,TSS	chr18:9136750-	39.6664	17.8934
ANKAR	TSS22627	chr2:190540710	1.03027	0.508786
CSGALNACT2	TSS28142	chr10:43633890	6.76514	5.3332
HEATR6	TSS25865	chr17:5812055-	1.50476	2.82597
DLEU2	TSS6677	chr13:50556680	2.28431	0.597729
ATP6V1F	TSS4872	chr7:128502850	27.8368	91.0949
DNAJB9	TSS17011	chr7:108210180	9.49406	7.58187
LRR1	TSS21307	chr14:50065410	3.17628	10.1413
TTY15	TSS13683	chrY:14774297-	2.01276	2.49852
LHX4	TSS17279	chr1:180199430	0.973856	0.320545

CD99	TSS19663	chrX:2609227-	80.6143	47.5051
STAT3	TSS20375,TSS	chr17:4046534-	23.8703	24.3281
CERKL	TSS30163	chr2:18240140-	3.17576	1.60581
LRRC61	TSS19433	chr7:15002029-	2.41365	5.37395
NME9	TSS15723	chr3:13798027-	0.50885	0.180597
TTLL12	TSS18413	chr22:4356262-	4.03153	54.8462
LINC01128	TSS1569,TSS6	chr1:762970-7-	2.98201	4.83453
LONRF1	TSS26914	chr8:12579405-	8.65032	9.57575
SMG9	TSS12375	chr19:4423530-	9.93496	9.80371
SLIT1	TSS24152	chr10:9875779-	0.327587	0.120504
CD81	TSS26343,TSS	chr11:2397406-	58.7033	94.8164
USP46	TSS12513,TSS	chr4:53457126-	0.805739	1.40664
GSTK1	TSS27856	chr7:14296052-	31.1253	40.2719
LINC00685	TSS2713	chrY:231384-2-	1.28301	0.642915
CBWD5	TSS26052	chr9:70856804-	8.13111	30.1318
FAM83G	TSS24935	chr17:1887438-	4.04959	6.48001
ZKSCAN4	TSS13406,TSS	chr6:28209482-	1.56359	1.49818
LRRC28	TSS23144	chr15:9979156-	1.8068	3.82676
NUP37	TSS6356	chr12:1024679-	2.44879	19.3531
ZNF613	TSS22906	chr19:5243068-	2.41017	2.44461
FH	TSS11503	chr1:24166085-	9.51305	43.1976
SLC25A19	TSS8677	chr17:7326906-	6.61622	28.3921
LOC441455	TSS11320	chr9:99488102-	0.567913	0.159969
LOC100288162	TSS10860	chr16:1641825-	0.532994	0.653884
NTHL1	TSS3971	chr16:2089815-	2.26843	11.4137
MRPL4	TSS26242	chr19:1036263-	14.5865	130.594
NDUF4F4	TSS31545	chr6:97337186-	2.4335	28.3089
SNHG3	TSS20238	chr1:28832454-	15.2747	59.4615
TMEM238	TSS32335	chr19:5589061-	3.36438	1.24132
LYSMD2	TSS14082,TSS	chr15:5201526-	20.1485	36.1104
SNAP47	TSS9741	chr1:22792269-	9.19153	10.3834
MBP	TSS20184,TSS	chr18:7469078-	27.1494	22.2341
ELMO1	TSS11631,TSS	chr7:36892510-	22.9452	22.5975
ITGA10	TSS1187	chr1:14552489-	0.318703	0.248601
IFI27L2	TSS21359	chr14:9459411-	24.4927	40.726
EPB41L4A-AS	TSS16151	chr5:11149622-	25.5209	21.6992
PDRG1	TSS24704	chr20:3053275-	18.5561	26.9092
ANP32D	TSS8471	chr12:4886644-	0	0.826089
CSNK2A3	TSS21820	chr11:1137348-	14.898	31.5012
GMIP	TSS2263	chr19:1974028-	16.6841	17.7744
CCSAP	TSS10984	chr1:22945675-	2.25548	1.93432
LOC101929709	TSS10780	chr8:90729626-	0.842852	1.64355
ZNF280B	TSS20588	chr22:2283877-	0.474623	0.603279
SNRNP25	TSS2072	chr16:103828-	15.687	58.2478
CEP170P1	TSS33304	chr4:11943749-	1.20735	0.530629
SARM1	TSS26778	chr17:2669868-	1.43789	3.06487
FAM102B	TSS29716	chr1:10910297-	2.82896	2.22664
POLE3	TSS1544,TSS1	chr9:11616951-	26.8621	55.5328
C7orf31	TSS29098	chr7:25174315-	2.74945	1.88436
PAK4	TSS1407	chr19:3961641-	2.67599	4.19481
HK1	TSS13200,TSS	chr10:7102975-	14.1317	32.8058
RPS4Y1	TSS6911	chrY:2709622-	164.719	271.521
CCDC176	TSS29792	chr14:7448605-	0.212696	0.21996
LINC00685	TSS23618	chrX:281384-2-	1.28301	0.642915
PMF1-BGLAP	TSS23812	chr1:15618277-	0.615385	1.70282

PXMP4	TSS33291	chr20:32290549	0.435165	0.688909
LINC01137	TSS23110	chr1:37920479-	1.0584	0.948186
OTULIN	TSS32683	chr5:14664782-	6.32247	6.39892
LOC100507634	TSS21408	chr1:55681080-	0	0.326046
TSR1	TSS18589	chr17:2225981-	14.4411	65.9192
PRKACB	TSS17695,TSS	chr1:84543657-	13.6573	11.7002
FAF1	TSS725	chr1:50906934-	5.81467	20.6504
DDX3Y	TSS17289,TSS	chrY:15016018-	20.6084	25.6254
BMP2K	TSS23339	chr4:79697531-	9.85323	6.63509
ENPP4	TSS16787	chr6:46097700-	3.23338	3.89646
SLC10A7	TSS3595	chr4:14717513-	1.51968	2.27301
ODC1	TSS30860,TSS	chr2:10580496-	102.654	360.513
ZMYM1	TSS13995,TSS	chr1:35525386-	2.95247	1.58359
GBAS	TSS30537	chr7:56032269-	10.3714	13.9848
CD99	TSS13135	chrY:2559227-	44.0384	27.8238
MTMR4	TSS20452	chr17:5656689-	10.4418	16.2629
FICD	TSS32190	chr12:1089090-	2.21872	1.74041
TMEM63B	TSS2732	chr6:44095375-	1.99369	3.06524
TAF1A-AS1	TSS11014,TSS	chr1:22276326-	1.60131	0.086166
KLC3	TSS22350	chr19:4584399-	0	0.350748
ZNF714	TSS17390	chr19:2126495-	2.68004	2.16718
NAGPA	TSS33512	chr16:5074844-	5.82459	7.99774
RAB9A	TSS2414	chrX:13707239-	17.5445	29.7737
FBXW7	TSS11705,TSS	chr4:15324240-	8.77127	13.5977
FKBP4	TSS13366	chr12:2904107-	21.6228	76.7637
HIGD1A	TSS14699,TSS	chr3:42824399-	6.60021	15.7158
ATIC	TSS14938	chr2:21617667-	12.9593	74.2353
DENND1A	TSS11264	chr9:12614193-	1.13769	6.99584
LINC00957	TSS32925	chr7:44078647-	2.50291	1.95542
RWDD2A	TSS13212	chr6:83903031-	1.26893	1.1643
USP15	TSS13027	chr12:6265412-	9.79523	13.2384
ATP11C	TSS4173	chrX:13880850-	4.10561	5.2827
TGFB1	TSS3779	chr19:4183643-	31.3337	38.1558
RPE	TSS3197	chr2:21086728-	2.40372	6.73926
IQCB1	TSS24354	chr3:12148860-	12.5971	15.0352
TRAP1	TSS5767	chr16:3708037-	9.92676	92.3739
TM7SF2	TSS31666	chr11:6487932-	3.89768	5.51601
DGCR11	TSS8346	chr22:1903367-	0	1.05645
INPP5F	TSS26790,TSS	chr10:1214855-	12.6431	7.63388
LOC153684	TSS1977	chr5:43042235-	1.07547	0.385527
GPR75	TSS25928	chr2:54080049-	1.94607	1.66896
ZNF808	TSS2465	chr19:5303090-	6.9197	3.49169
EIF2D	TSS12578	chr1:20676497-	10.8103	16.585
POLE	TSS13629	chr12:1332003-	4.33546	5.34881
KIF22	TSS32135,TSS	chr16:2980203-	8.20195	13.4697
TRPS1	TSS7150,TSS8	chr8:11642072-	1.54299	0.96837
POLH	TSS19494	chr6:43543877-	4.52778	3.84113
RALGPS1	TSS1391,TSS3	chr9:12967705-	1.23658	1.92639
FAM50A	TSS15770	chrX:15367247-	24.7929	37.2831
MLLT3	TSS26209,TSS	chr9:20341662-	0.75656	1.27203
PSMG1	TSS17836	chr21:4054737-	7.89483	33.441
UHRF1BP1	TSS11053	chr6:34759793-	2.70894	3.75228
BLOC1S5-TXN	TSS29130	chr6:7881482-	3.3881	3.06565
LOC100131655	TSS13578	chr18:7450668-	0.812748	0.229032
TGIF2	TSS12778,TSS	chr20:3520187-	6.25203	14.9355



HNRNPKP3	TSS8347	chr11:43283050	0.00694395	0.0516277
PCGF1	TSS21900	chr2:74732169	3.26948	12.265
LETM2	TSS33618,TSS	chr8:38243958	0.334941	0.330254
PPP1R12B	TSS26166,TSS	chr1:202317820	3.49828	1.17248
WRB	TSS33437,TSS	chr21:40752210	4.89101	4.43189
MTMR7	TSS3039	chr8:17154305	0.607769	0.151879
SSRP1	TSS27837	chr11:57093450	26.1201	89.2238
NUDT4P2	TSS18192	chr12:9377170	5.01415	10.2537
HMGCL	TSS26618	chr1:24128366	6.95549	8.55868
SLC36A1	TSS27404,TSS	chr5:150816550	3.69225	3.23916
ZNF225	TSS1522	chr19:44617540	1.92664	1.95376
TMEM201	TSS18249	chr1:96489310	2.09464	5.93012
C15orf39	TSS25536	chr15:75494220	8.10345	14.1608
POLA2	TSS13041	chr11:65029320	3.56285	4.8768
FAN1	TSS13160,TSS	chr15:31196050	3.84566	7.09047
NARS2	TSS31775	chr11:78147000	3.49209	12.0136
MAN2B1	TSS26635	chr19:12757320	15.86	42.3036
FCHSD2	TSS18354	chr11:72547780	13.8748	10.8339
RGPD5	TSS32110	chr2:111271390	5.44515	4.16504
TFAP4	TSS10664	chr16:43071860	4.64792	22.3663
LITAF	TSS31369,TSS	chr16:11641570	58.4033	65.7576
ZNF277	TSS18223	chr7:111846640	6.76582	7.45778
HSPD1	TSS21092,TSS	chr2:198351300	28.971	251.171
YY2	TSS32512	chrX:218741040	0.124165	0.315537
WDR12	TSS16455	chr2:203745320	3.60017	31.739
TTC32	TSS30675	chr2:200965130	6.77167	3.28825
PDIA6	TSS21148,TSS	chr2:109235160	24.6727	90.0947
C15orf57	TSS27896	chr15:40823530	22.479	17.9728
CDCA4	TSS21896	chr14:10547590	4.53449	8.64021
NUP210P1	TSS26216	chr3:126380920	0.58753	0.82498
PHF14	TSS18440	chr7:110134980	6.21193	10.2376
TMBIM1	TSS30949	chr2:219138910	79.4311	52.3996
FLNB	TSS25640	chr3:579941260	3.84525	4.73579
PTPN18	TSS33507	chr2:131113570	10.9695	14.201
ENOSF1	TSS23422,TSS	chr18:6703230	0.596024	1.13274
RGPD5	TSS14989,TSS	chr2:110550330	5.44596	4.19812
MCM5	TSS6864	chr22:35796110	48.5286	61.3225
CNOT6L	TSS25820	chr4:78634540	9.64792	5.51864
MIATNB	TSS7527	chr22:27068800	0.0137628	0.0639287
SENP8	TSS11977,TSS	chr15:72406590	1.2188	0.588215
OSBPL3	TSS12388,TSS	chr7:248361550	10.4157	4.09438
TRAM2	TSS14215	chr6:523621990	3.90923	4.03631
ARID3B	TSS16535	chr15:74833510	3.18969	3.72467
HYAL2	TSS20292	chr3:503552200	1.11122	6.83321
TOMM34	TSS678	chr20:43570770	9.34648	24.2575
NDUFAF6	TSS9780	chr8:960372130	2.74983	11.017
DPH3P1	TSS10296	chr20:61475910	1.48544	1.15067
MRM1	TSS21797	chr17:34958020	1.12582	8.73886
WWC3	TSS22273	chrX:99837940	6.84399	10.5123
YWHAEP1	TSS29961	chr7:63894070	1.0705	3.57845
PKLR	TSS256,TSS27	chr1:155259080	0.26471	0.127964
RGS14	TSS29592	chr5:176784840	8.56418	7.12097
RALGDS	TSS24347,TSS	chr9:135973100	9.39887	9.20725
RAD51C	TSS21062	chr17:56769930	7.28224	21.1916
GTPBP3	TSS19499,TSS	chr19:17445790	3.1971	10.314

NUTM2F	TSS239	chr9:97080477-	0.644393	0.383089
UPK3BL	TSS23191	chr7:10227747-	2.09264	2.15525
METTTL2B	TSS7937	chr7:12811678-	4.27353	17.1517
LCTL	TSS24782,TSS	chr15:6683980-	0.202511	0.249438
KCNMB3	TSS10433,TSS	chr3:17895753-	4.62232	2.71602
ABCC2	TSS22172	chr10:1015423-	0.813484	0.556175
ERI3-IT1	TSS4822	chr1:44688266-	0	0.945937
DTWD2	TSS10563,TSS	chr5:11817176-	0.701391	0.530809
LRRRC75A-AS1	TSS30771	chr17:1634230-	154.377	331.057
ALG14	TSS31235	chr1:95448278-	2.15345	7.40439
FLVCR1	TSS5113	chr1:21303159-	2.43429	3.53826
EMP3	TSS5848	chr19:4882862-	115.961	100.674
TRIM3	TSS28910,TSS	chr11:6469842-	2.57569	1.11767
ZNFX1	TSS9148	chr20:4786243-	9.45973	12.3548
ZNF276	TSS19089,TSS	chr16:8978677-	9.24407	12.2648
XXYLT1	TSS10680,TSS	chr3:19478900-	1.67055	2.95653
FAM92A1	TSS9795	chr8:94712734-	2.00602	1.80299
AKR7A3	TSS9229	chr1:19609056-	0.543191	0.869028
PAX6	TSS11508,TSS	chr11:3180633-	1.01881	0.162245
BTG3	TSS1616	chr21:1896596-	5.02035	9.37494
NOMO3	TSS29948	chr16:1632638-	8.76887	15.8223
AMN1	TSS9756	chr12:3182407-	6.25086	2.17627
ETV3	TSS24889,TSS	chr1:15709445-	4.79289	4.7706
TRAF3	TSS18716	chr14:1032438-	11.7752	14.1034
ZCCHC14	TSS20931	chr16:8743985-	2.78828	1.01897
ARSA	TSS20490	chr22:5106118-	2.5831	2.15473
ASB3	TSS32568,TSS	chr2:53897116-	3.0435	4.94414
KDM1B	TSS9299	chr6:18155618-	2.18122	1.74043
GDPD3	TSS20687	chr16:3011613-	2.23771	1.24903
PRPS2	TSS6184	chrX:12809473-	7.99862	22.6408
NFYC-AS1	TSS6036	chr1:41154751-	1.74251	1.54734
CPE	TSS16055	chr4:16630009-	0.00614556	0.0247426
CLSTN1	TSS5232	chr1:9789078-	9.72567	10.9972
CHML	TSS24626	chr1:24179216-	6.10599	10.7432
ODF2L	TSS20678	chr1:86812506-	2.28516	2.14173
LINC00431	TSS29647	chr13:1116183-	1.37365	4.14639
ZNF799	TSS14775	chr19:1250082-	2.33312	0.864273
LOC100506606	TSS15282	chr12:2943334-	0.244653	0.131141
PMVK	TSS32043	chr1:15489720-	8.35647	49.1532
CCT5	TSS23708,TSS	chr5:10250032-	26.4497	127.224
ACBD6	TSS19461	chr1:18025735-	9.49184	30.0868
PPP1CC	TSS2190	chr12:1111576-	39.4984	66.8518
TMPPE	TSS18729	chr3:33131907-	1.36997	1.59581
FRMD8	TSS475	chr11:6515404-	12.3773	15.3066
LINC00339	TSS11786,TSS	chr1:22351683-	6.60953	4.71959
LOC101927391	TSS30335	chr7:7589734-	0.0185763	0.0862967
YEATS4	TSS3770	chr12:6975348-	5.65469	15.9987
TOMM40L	TSS15342	chr1:16119572-	2.22417	5.69222
CRYGS	TSS13487	chr3:18625623-	0.80222	0.909706
HLA-DMA	TSS20083	chr6:32916390-	104.276	98.1803
RPS10-NUDT3	TSS33735	chr6:34254972-	2.2905	0.00218057
LMNTD2	TSS1574	chr11:554849-	1.07931	0.601765
SNHG10	TSS10269	chr14:9599924-	1.72038	3.73283
ZFYVE1	TSS7913,TSS9	chr14:7343615-	7.16227	4.53215
LINC01569	TSS3748	chr16:4295825-	1.64481	0.720642

SEC24B-AS1	TSS20261	chr4:110351118	1.47657	0.286286
PPDPF	TSS22361	chr20:62152132	82.4103	51.3228
NUDT14	TSS16860	chr14:10563927	6.48633	2.81613
POC1B	TSS27535,TSS	chr12:89813497	3.13603	3.48426
LRRC8E	TSS2452	chr19:7953389-	0.278603	0.107823
RBFA	TSS22577	chr18:77794345	1.23547	4.34885
PLEKHM1P	TSS30667	chr17:62780958	9.96529	5.1706
C10orf2	TSS31778	chr10:10274729	3.38115	23.734
FLVCR1-AS1	TSS2588	chr1:213029945	2.74147	1.62595
MIR1184-1	TSS33872	chrX:154612745	45.6123	269.965
FLJ10038	TSS17367	chr15:50641134	3.569	2.02041
ENGASE	TSS28721	chr17:77071018	2.9773	3.05733
FAM110A	TSS24300,TSS	chr20:814339-8	3.65784	1.04645
LAPTM5	TSS2433	chr1:31205314-	361.058	237.989
GAS5-AS1	TSS4072	chr1:173832385	0.65837	1.65665
CCNG2	TSS13032	chr4:78078356-	11.4649	4.09762
AGBL5	TSS4119	chr2:27274490-	2.98103	2.89915
PRKCD	TSS17536	chr3:53195222-	16.4304	22.8864
TSTD1	TSS10384	chr1:161007427	11.3175	19.503
ARMC10	TSS13144	chr7:102715327	3.18557	10.532
BCRP3	TSS3774	chr22:25028887	1.96286	2.25002
PELO	TSS1596	chr5:52083773-	7.35666	11.5716
H6PD	TSS10558,TSS	chr1:9294862-9	3.58573	3.29867
MXD3	TSS9034	chr5:176732500	1.48839	1.84938
MBD5	TSS26378	chr2:148778579	1.53259	0.772249
SLC2A13	TSS7138	chr12:40148822	0.683114	0.417774
SSBP3	TSS1703	chr1:54691103-	4.77769	2.72604
DDIT3	TSS12799	chr12:57910370	45.0617	25.999
MAP3K4	TSS25930	chr6:161412758	7.33204	7.12961
IFNGR1	TSS8270	chr6:137518620	33.7222	78.5259
MAP3K9	TSS25099,TSS	chr14:71189242	2.60742	1.15073
RRAS	TSS31029	chr19:50138548	3.61169	3.91846
ZHX3	TSS33805	chr20:39807088	1.00589	1.94404
P4HTM	TSS8022	chr3:49027340-	3.7449	3.87542
CCDC86	TSS31035	chr11:60609428	4.08252	45.6908
LRRC29	TSS11263,TSS	chr16:67241047	0	0.380925
ABCB6	TSS23951	chr2:220074487	12.5605	7.93475
FARSB	TSS14614	chr2:223436167	6.19968	37.2221
FUT11	TSS27523	chr10:75532048	4.32723	4.17709
DBF4	TSS29310	chr7:87505543-	1.4157	5.29459
ATP10D	TSS32091	chr4:47487409-	4.93823	5.21624
BACE1-AS	TSS31665	chr11:11716206	0	0.442068
PRMT2	TSS3001	chr21:48055506	21.5723	16.7329
TSEN2	TSS4457,TSS5	chr3:12525930-	0.83095	6.76534
PPIL1	TSS33775	chr6:36822605-	3.87839	28.3497
NR1D1	TSS32913	chr17:38249036	1.79025	3.92925
LOC100134368	TSS4988	chr16:432240-4	0.0890537	0.160971
SIRT5	TSS34053,TSS	chr6:13574760-	3.92121	3.24431
LINC00116	TSS18739	chr2:110969105	2.87038	14.4305
CHPF	TSS11840,TSS	chr2:220403668	1.92584	3.34555
PPP1R3F	TSS8335	chrX:49126305-	1.89743	0.99883
ATP2C1	TSS10613,TSS	chr3:130569368	14.3057	15.0462
PLGRKT	TSS14792	chr9:5357966-8	2.40938	12.806
BTN3A2	TSS11082,TSS	chr6:26365386-	7.69902	7.73224
SLC6A6	TSS4280	chr3:14444075-	13.3826	17.6975

MTERF2	TSS6697	chr12:10737106	2.19636	1.40097
TCTEX1D2	TSS19570	chr3:196018089	1.21985	8.17909
OVGP1	TSS20623	chr1:111956936	1.46648	0.793302
VARS	TSS13957	chr6:31745296-	4.3157	42.9978
LRRC8B	TSS19900,TSS	chr1:89990396-	1.84229	2.75669
METTL12	TSS29414	chr11:62432778	1.71497	2.57795
MYLK-AS1	TSS22157	chr3:123304359	3.46373	1.67346
LOC100128494	TSS10443	chr11:71725336	0.791812	0.414019
TNRC6C	TSS13465	chr17:76000317	3.79741	2.53766
AKAP1	TSS12054,TSS	chr17:55162552	5.00157	13.1352
PPP1R15B	TSS16566	chr1:20437249-	24.431	23.9281
CBX8	TSS31145	chr17:77768175	0.99734	1.63892
YWHAEP7	TSS32497	chr17:36202572	0.0728768	1.43822
DLAT	TSS14941	chr11:11189550	6.11556	19.8316
NBN	TSS22505,TSS	chr8:90945563-	8.07505	13.793
ZBTB49	TSS19081	chr4:4291923-4	4.02462	2.84816
PLAC9	TSS25667	chr10:81892257	0	0.276941
ZNF134	TSS17368	chr19:58125829	8.62328	6.42117
TMEM191A	TSS17954	chr22:2105540-	0.3865	0.551873
MIS18BP1	TSS17821	chr14:45672392	15.3293	8.27282
PET117	TSS11828	chr20:18118498	1.8835	7.37827
PCYOX1L	TSS25418	chr5:148737569	1.78352	1.53874
PANO1	TSS7496	chr11:797510-7	0.414575	0.184852
PIGL	TSS17256	chr17:16120508	2.70736	5.83676
FAM195A	TSS33449	chr16:691848-6	7.12052	47.1138
TRMT11	TSS16348	chr6:126307575	5.18685	10.3981
LOC100287042	TSS12966	chr17:73267379	0.353107	0.254764
ZNF140	TSS2550	chr12:13365678	9.14752	5.36756
TRIM44	TSS31182	chr11:35684299	18.1278	25.3508
NASP	TSS1715	chr1:46049659-	30.2652	53.7445
SIPA1	TSS1622,TSS8	chr11:65405577	22.7464	45.3656
ZFY	TSS10171,TSS	chrY:2803111-1	6.40028	5.34269
SCOC	TSS15418,TSS	chr4:141178439	11.5115	19.0561
DAZAP2	TSS6725	chr12:51632507	85.1337	90.8954
STT3A	TSS29473	chr11:12546268	9.91968	19.9805
ALAS1	TSS13061	chr3:52232098-	9.45945	32.7768
UGCG	TSS13239	chr9:114659045	13.2066	15.486
THUMPD2	TSS9507	chr2:39963199-	2.63438	6.21463
IAH1	TSS23127	chr2:9614669-9	10.4849	22.9704
PCGF5	TSS24692,TSS	chr10:92922768	28.0314	31.8575
PLOD1	TSS19535	chr1:11994723-	3.21686	7.7635
IFT80	TSS17602,TSS	chr3:159974775	3.0819	2.18321
ACOX3	TSS7224	chr4:8368008-8	3.41206	5.19779
LOC554206	TSS8700	chr16:2504306-	0	0.185658
TOMM20	TSS21734	chr1:235272657	18.6618	39.0651
BICD2	TSS24574	chr9:95473644-	13.857	12.7656
PHF19	TSS20228,TSS	chr9:123617928	6.16294	6.78873
PBLD	TSS31978	chr10:70042416	1.3546	0.754843
TMA16	TSS15055	chr4:164415672	4.20544	26.4605
KIAA0930	TSS1562,TSS7	chr22:45588122	5.10831	10.589
JMY	TSS23857	chr5:78531924-	3.54518	2.40103
CLNS1A	TSS11612	chr11:77327195	26.0892	80.8607
TPPP	TSS13659	chr5:659976-69	0.0427262	0.0826562
KBTBD6	TSS18735	chr13:41701708	2.35059	4.22923
ZNF321P	TSS17890	chr19:53430387	0.000166832	2.00521

HIRIP3	TSS21890	chr16:3000364-	2.9519	5.57619
SLC9B2	TSS4185,TSS5	chr4:10394664-	1.89167	9.34348
KDELRL2	TSS17543	chr7:6500711-	7.69354	15.6963
FOXP4	TSS16386	chr6:41514163-	5.23598	7.33177
DCTD	TSS709	chr4:18381124-	11.4501	31.5917
PSMB9	TSS25132	chr6:32821937-	32.395	35.164
ACOT2	TSS22003,TSS	chr14:7403432-	1.74043	5.40526
OR7E12P	TSS22551	chr11:3411936-	0	0.103316
HCN3	TSS14788	chr1:15524721-	1.59813	0.716951
TECPR2	TSS2139	chr14:1028292-	1.42747	1.617
DNAAF5	TSS7463	chr7:766337-8-	1.46369	11.0214
ARMC2	TSS340	chr6:10916961-	0	0.0369157
RPF2	TSS11397	chr6:11130321-	2.53098	16.7154
LOC100289361	TSS30565	chr3:14271968-	0	0.638378
DHRS7B	TSS12634	chr17:2103024-	0.199191	3.20114
LOC646813	TSS5126	chr11:5036831-	0.0314588	0.179701
BIRC2	TSS13716,TSS	chr11:1022179-	13.481	9.31639
DPH2	TSS22282	chr1:44435652-	4.73042	42.0743
ACTR3B	TSS13546	chr7:15245683-	0.77413	4.89681
LOC101929066	TSS16112	chr8:17942376-	0	1.44617
EEF1E1	TSS28029	chr6:8073592-	8.57021	50.3525
ATP5G1	TSS31149	chr17:4697014-	19.1252	185.924
SLC9A3R1	TSS23169	chr17:7274475-	19.6764	20.338
ZNF585A	TSS13409,TSS	chr19:3763833-	5.12567	6.09973
SLC5A10	TSS21793,TSS	chr17:1885398-	0.380783	0.34106
PDSS1	TSS2663	chr10:2698659-	0.344682	10.921
LRRC48	TSS10581	chr17:1787612-	0.421034	0.803531
MAN1A1	TSS15244	chr6:11949836-	12.1217	7.67454
TSC22D1	TSS1235,TSS1	chr13:4500627-	5.01507	3.59357
BLVRB	TSS9635	chr19:4095369-	14.3282	20.1221
SIL1	TSS11294	chr5:1382824-	2.54946	7.33456
TRAM2-AS1	TSS26612,TSS	chr6:5244199-	1.51614	1.01995
SP140	TSS15235	chr2:23109044-	28.2399	14.5744
HDLBP	TSS21439,TSS	chr2:24216668-	14.3485	32.7035
AEBP2	TSS16996,TSS	chr12:1959260-	4.57693	7.27437
POLK	TSS23446	chr5:74807656-	6.12184	5.53422
FOCAD	TSS12550	chr9:20658307-	1.3994	3.79281
GINM1	TSS26268	chr6:14988752-	7.96175	12.4586
LINC01138	TSS4871	chr1:14371758-	5.58957	5.06677
MBNL1-AS1	TSS12901	chr3:15198040-	0.02685	0.111305
PPM1F	TSS88	chr22:2227379-	4.11278	6.56481
LCORL	TSS27590	chr4:17844838-	1.85063	1.68531
LOC100101478	TSS30206	chrX:10331506-	1.98387	0.960815
TAS2R4	TSS7317	chr7:14147828-	0.397819	0.176336
LINC00115	TSS20889	chr1:761585-7-	1.0871	1.05303
ELOVL5	TSS15087,TSS	chr6:53132195-	55.3878	54.3279
CBX3P2	TSS32462	chr18:2652168-	0	0.281446
SNX29	TSS31994	chr16:1207059-	5.59697	8.51911
AGBL3	TSS8957	chr7:13467125-	0	0.124627
UBALD2	TSS29103	chr17:7426128-	28.9451	22.6818
FLYWCH1	TSS20749	chr16:2961979-	5.82776	7.09293
LOC400927	TSS22250	chr22:3874066-	3.34E-54	2.81E-10
TTC39C	TSS28136,TSS	chr18:2157273-	6.79278	3.41636
LOC401134	TSS21499	chr4:65779998-	0	0.0494893
MYL5	TSS24531	chr4:671710-6-	0.337118	2.18648

GNL3	TSS24955	chr3:52719935-	21.4304	116.669
AGFG2	TSS14511	chr7:10013683-	1.31074	1.14638
FANCG	TSS33675	chr9:35073834-	4.16188	4.414
DPH6	TSS15807	chr15:3566316-	1.55201	2.91881
C12orf66	TSS9131	chr12:6458009-	1.62459	4.30977
ACRC	TSS15747	chrX:70797873-	1.28763	0.407263
FAM175A	TSS11620	chr4:84382093-	3.96406	4.81053
PLEKHA2	TSS25196	chr8:38758752-	32.5368	32.3384
LOC100506639	TSS4085	chr5:43067124-	4.6777	2.26778
FNDC5	TSS15365,TSS	chr1:33327868-	0.108775	0.0842329
CHKA	TSS3649	chr11:6782032-	3.7745	8.87184
SLC4A7	TSS463,TSS88	chr3:27414211-	5.23527	5.38161
MYO9A	TSS760	chr15:7211836-	4.26679	3.22746
TMC8	TSS19608	chr17:7612685-	8.03045	15.3173
LIMD1	TSS25061	chr3:45636322-	18.1728	12.2848
CYTH1	TSS10756,TSS	chr17:7667012-	53.2394	40.3671
LOC642852	TSS32490	chr21:4670796-	0.601763	0.686922
UQCC1	TSS15109	chr20:3389036-	5.94148	15.029
SGCA	TSS5971	chr17:4824336-	0.186419	0.2168
RCAN1	TSS11713,TSS	chr21:3588873-	1.78025	4.85952
GNAT2	TSS23692	chr1:11014588-	0	0.113208
NICN1	TSS16380	chr3:49459765-	1.51224	1.26549
RPL10L	TSS33354	chr14:4712021-	0.142731	0.448595
DEAF1	TSS27298	chr11:644219-	4.56985	9.42542
NUDCD1	TSS12438,TSS	chr8:11025314-	2.70891	12.6308
TVP23A	TSS33322	chr16:1086053-	0.749144	0.996977
ZNF493	TSS27689	chr19:2157992-	5.44609	4.5534
HOTAIRM1	TSS21332	chr7:27135712-	1.37002	2.91737
PRMT3	TSS30417	chr11:2040907-	2.64478	16.347
DYRK4	TSS24595,TSS	chr12:4699237-	0.991771	10.2902
CYB5RL	TSS2240	chr1:54638026-	0.247711	1.40924
ZCWPW2	TSS5683	chr3:28390639-	0.512559	0
IMPDH1	TSS21669,TSS	chr7:12803233-	6.00612	25.8181
ZNF888	TSS22923	chr19:5340914-	3.32762	2.74804
PGM1	TSS18895,TSS	chr1:64058946-	4.25183	11.8083
VASP	TSS1836	chr19:4601068-	33.2219	52.4664
GNRH1	TSS6255	chr8:25276773-	3.91707	0.7813
TIMM8A	TSS18,TSS281	chrX:10060064-	3.72623	12.7951
SMARCA4	TSS19805,TSS	chr19:1107159-	13.9731	34.3971
OR7E37P	TSS11404	chr13:4201669-	0.0402215	0.405269
XPOT	TSS2224	chr12:6479815-	9.53624	20.444
LOC101928043	TSS3394	chr1:22350486-	0	0.243578
CHCHD10	TSS17939	chr22:2410802-	27.7369	107.441
STARD9	TSS10322	chr15:4286785-	1.7661	1.06714
KIAA1279	TSS3767	chr10:7074847-	9.51872	3.28439
NEU3	TSS403	chr11:7469994-	1.90588	4.12628
TREX2	TSS9943	chrX:15271017-	0.842609	0.296828
NOC3L	TSS1387	chr10:9609298-	4.01224	13.7276
CHCHD4	TSS2104	chr3:14153576-	3.16329	15.3406
ZBTB4	TSS18045,TSS	chr17:7362684-	8.9351	6.4257
NME1-NME2	TSS1490	chr17:4923089-	4.87E-05	41.041
LOC100652768	TSS10382	chr11:1170663-	2.14237	1.45905
RTCA-AS1	TSS1288	chr1:10073029-	1.6687	0.323777
IL21R-AS1	TSS1389	chr16:2745899-	0.345917	0.367778
NAT14	TSS21697	chr19:5599655-	1.44429	4.09448

ITPR1-AS1	TSS6369	chr3:4532000-4	0.527111	0.689182
SH3GL1P2	TSS27209	chr17:2895133!	0.592178	0.700771
IMPACT	TSS26345	chr18:2200660!	0.754629	5.38399
SLC7A5	TSS1174	chr16:8786362!	20.9203	84.1716
SERTAD1	TSS5919	chr19:4092840!	22.1005	21.8011
NLRX1	TSS135,TSS23	chr11:1190390!	1.42896	3.06113
PRKCI	TSS29759	chr3:16994021!	2.6693	4.60687
PREX1	TSS20625	chr20:4724079!	28.1185	14.9439
EBNA1BP2	TSS25664,TSS	chr1:43629844-	9.78653	130.027
HELB	TSS19381	chr12:6669633!	1.04104	1.06812
PRDX4	TSS22877	chrX:23685644-	6.90624	53.1391
GPD1L	TSS20300	chr3:32148002-	1.93737	6.29601
NIPSNAP1	TSS21322,TSS	chr22:2995079!	9.09744	15.6577
SGK494	TSS2894	chr17:2693498!	0.47323	0.991622
WASL	TSS31391	chr7:12332198!	3.38339	2.17997
SLC31A1	TSS8564	chr9:11598380!	0.958442	4.26846
ADAT2	TSS23468,TSS	chr6:14374396!	1.45223	2.21546
FAM210A	TSS21624	chr18:1366334!	3.08825	6.99695
ENDOG	TSS1356	chr9:13158077!	1.41449	13.2264
VAMP2	TSS27938	chr17:8062464-	38.4964	26.6498
MNAT1	TSS20840	chr14:6120145!	4.99776	14.0387
RPP40	TSS4402	chr6:4995279-!	1.49469	10.8613
PIP5K1C	TSS16098,TSS	chr19:3630178-	4.12262	4.95146
ACSS1	TSS11369,TSS	chr20:2498686!	12.1097	9.69118
NDE1	TSS15905,TSS	chr16:1573712!	5.30025	9.63398
TRAF4	TSS16130	chr17:2707102!	17.6506	43.1291
TMED6	TSS1947	chr16:6937714!	0	1.33757
FAM223A	TSS34188	chrX:15379947!	1.64881	0.506139
ZNF550	TSS19720	chr19:5805320!	3.62068	4.80803
RBBP4	TSS10362,TSS	chr1:33116748-	13.002	13.328
CLUH	TSS3192	chr17:2592679-	7.33492	54.5692
SMC1A	TSS7631	chrX:53401069-	6.59395	14.4386
APITD1	TSS12542,TSS	chr1:10490158-	1.69743	6.14354
KLLN	TSS21998	chr10:8961891!	0.527483	0.635909
ZCWPW1	TSS9051	chr7:99998494-	5.25829	2.40366
AMH	TSS6382	chr19:2249112-	0.633584	0.744409
TEX12	TSS4692	chr11:1120380!	0	0.132238
FXR2	TSS33341	chr17:7494547-	13.6447	14.7166
LOC653712	TSS28828	chr3:12858035!	0	0.48262
FOXO3	TSS32987,TSS	chr6:10888102!	2.56913	1.89816
ZNF529	TSS25782,TSS	chr19:3703451!	6.64934	5.68099
APPL2	TSS19791,TSS	chr12:1055670!	6.69634	4.35288
EID1	TSS6956	chr15:4917028!	20.4949	29.7616
ZNF596	TSS21760,TSS	chr8:182136-1!	0.656147	1.25261
SH2D3C	TSS10820,TSS	chr9:13050059!	10.346	4.95581
CH17-340M24.	TSS10801	chrX:15365272!	0	0.450309
OAT	TSS30347	chr10:1260858!	13.7303	20.3731
ZXDA	TSS2522	chrX:57931863-	2.46447	2.39438
SEL1L	TSS16689	chr14:8193789!	9.29001	11.1766
PPM1N	TSS24336	chr19:4600173!	0.0269419	0.417368
ZSCAN20	TSS6951	chr1:33938231-	1.57462	1.47354
PDXP	TSS4030	chr22:3805473!	4.55829	19.9154
MRPL12	TSS24924	chr17:7967039!	13.0197	169.415
C9orf89	TSS27602	chr9:95858449-	17.362	20.4344
TARBP1	TSS22825	chr1:23452705!	2.54541	4.71597

TMEM14C	TSS28342	chr6:10723147-	15.643	19.2467
NRIP2	TSS32856	chr12:2934513-	0.479163	1.22412
TUBA4B	TSS21026	chr2:220117964	0.601228	0.393511
SLC37A4	TSS18318,TSS	chr11:11889506	3.12122	5.89967
PRDX1	TSS25506,TSS	chr1:45976706-	335.781	774.349
ZNF74	TSS32066	chr22:20748404	1.48574	2.83445
TOP1P1	TSS33819	chr1:171308034	2.34657	4.07121
C19orf54	TSS4989	chr19:41246760	0.870495	2.73305
AARS	TSS10828	chr16:70286296	50.2537	62.4713
MAPKAPK3	TSS3433,TSS7	chr3:50649292-	2.56778	23.671
CCNL1	TSS24775	chr3:156864290	27.3195	27.1127
TRIM22	TSS30526	chr11:5710816-	71.5575	102.694
SLC44A1	TSS28067	chr9:108006890	3.01714	1.78532
MFSD3	TSS31919	chr8:145734418	0.712947	4.61212
IMPDH2	TSS1027	chr3:49061761-	52.1259	218.882
PKN2-AS1	TSS299	chr1:89003195-	0	0.211938
OSGEPL1-AS1	TSS1434	chr2:190627508	0.779698	0.777572
SMPD3	TSS15300	chr16:68392229	0.506656	0.177069
S1PR4	TSS8814	chr19:3178735-	38.0584	18.8672
PLEKHF2	TSS25745	chr8:96145948-	34.3625	20.4535
SSBP4	TSS1419	chr19:18530148	0.944085	4.48842
TTPAL	TSS31818	chr20:43104528	3.71242	7.21901
NOP14	TSS18190	chr4:2939663-1	7.47625	48.696
TXLNGY	TSS27037	chrY:21729243-	9.73735	12.073
ENDOD1	TSS14208	chr11:94822970	1.62126	3.05118
DLEU1	TSS11222	chr13:50656304	2.7416	7.91622
TNFRSF10A	TSS30590	chr8:23048969-	11.1391	13.6976
LOC643339	TSS17986	chr12:93397530	6.80817	4.08098
GM2A	TSS33043	chr5:150632612	13.7349	44.6395
MRPS27	TSS32169	chr5:71515235-	13.1954	40.8813
ZNF585B	TSS342	chr19:37672480	4.10751	2.85532
FBXL8	TSS21723	chr16:67193890	1.10597	1.12321
RNASEH1-AS1	TSS11724,TSS	chr2:3605975-1	2.51039	4.82953
BST2	TSS9651	chr19:17513747	61.0276	79.6438
LOC100268168	TSS27202,TSS	chr5:172381788	0	0.0679223
NACC1	TSS30259	chr19:13229107	8.14977	20.735
GPNPAT1	TSS7585	chr14:53241910	3.34767	14.0146
AK2	TSS17086	chr1:33473540-	13.7185	68.0971
EXOC3-AS1	TSS24558	chr5:441950-44	0.143947	0.976026
LINC00582	TSS2806	chr1:231727037	0	0.0752263
EBPL	TSS18365	chr13:50234817	1.97295	18.877
GOT2	TSS12270	chr16:58741034	6.35211	47.5416
CHMP5	TSS14546	chr9:33264876-	6.06734	10.9181
INO80B-WBP1	TSS20861	chr2:74682149-	10.8097	6.11904
LOC93622	TSS18363	chr4:6675820-6	4.83149	8.04417
CDRT15	TSS7373	chr17:14139172	1.40411	0.660474
PPAN	TSS24014	chr19:10216898	4.07296	88.9359
DBI	TSS19841,TSS	chr2:120124498	59.3933	165.239
ICMT	TSS28062	chr1:6281252-6	3.56106	8.88777
KLRAP1	TSS12405	chr12:10741076	1.94021	0.917225
PCCB	TSS2502	chr3:135969166	1.66823	19.3449
GOLGA8F	TSS23156	chr15:28765518	0.0285215	0.081726
CD151	TSS24855	chr11:832951-8	21.7228	37.1741
SEPHS1	TSS7008	chr10:13359437	4.65008	10.5661
SNX30	TSS27339	chr9:115513130	4.49792	2.15542



ALKBH3	TSS22340	chr11:43902350	4.90494	10.8139
USP49	TSS25697,TSS	chr6:41757633-	2.23165	2.13121
CLCN2	TSS13007	chr3:18406397-	1.01747	1.07463
CPD	TSS20199,TSS	chr17:2870594-	2.25348	2.52259
EBP	TSS23971	chrX:48380163-	8.08108	39.6635
CREBRF	TSS10908	chr5:17248335-	16.4753	5.44026
HDHD1	TSS16938	chrX:6966960-	2.84747	8.72212
TCTE3	TSS32854	chr6:17014021-	0.861647	0.836087
SRGAP2	TSS29234	chr1:206516190	7.61119	2.58688
RPS4Y2	TSS2671	chrY:22917953-	12.4	29.6882
NRAV	TSS18089	chr12:1209281-	0.626423	3.78783
NDFIP1	TSS16774	chr5:14148832-	17.5025	11.628
AVPR2	TSS27398,TSS	chrX:15316798-	0	0.472801
SIM2	TSS18205	chr21:3807143-	0.0195003	0.0830045
TACC3	TSS33757	chr4:1723216-	15.5742	10.6606
SNHG11	TSS4044	chr20:37075290	2.58146	5.39536
TSTA3	TSS13899	chr8:14469478-	17.3901	48.2339
A1BG-AS1	TSS15204	chr19:5886333-	1.28651	1.47831
NCKAP5L	TSS17329	chr12:50184920	1.71773	1.76562
SLC46A3	TSS25932	chr13:2927421-	3.75415	2.11016
TSHZ1	TSS23412,TSS	chr18:72922700	2.87162	2.73266
THOP1	TSS2213	chr19:2785505-	5.73773	31.8405
LINC00969	TSS23617	chr3:195415360	4.86606	2.53214
ZNF354B	TSS30020	chr5:178286950	3.38528	3.56558
AMY2B	TSS15634	chr1:104097260	5.6905	1.74815
DHRS1	TSS19947,TSS	chr14:24759800	4.50719	4.92201
ORAI3	TSS30766	chr16:3096040-	7.75924	4.49206
GCH1	TSS837	chr14:55308720	9.42006	7.35321
KIAA1551	TSS22994	chr12:32112350	49.7129	31.4839
EIF2B2	TSS9728	chr14:7546961-	7.37076	24.0154
ZNF432	TSS17126	chr19:52536670	5.70023	3.39487
SIPA1L3	TSS8931	chr19:38397860	10.5316	8.72594
ZBED6CL	TSS21757	chr7:15002693-	2.66419	2.74197
HACE1	TSS12711	chr6:10517596-	2.44913	1.1087
ZNF732	TSS5703	chr4:264463-20	0.752737	0.410047
BCRP2	TSS12016	chr22:2145730-	1.01439	0.535867
NSDHL	TSS27744	chrX:151999510	6.67286	18.0758
C5orf34	TSS3750	chr5:43486802-	1.31436	1.51412
TXLNG	TSS29812	chrX:16804554-	5.54071	12.408
KIFC2	TSS15818	chr8:145691710	4.80251	4.31097
DAPP1	TSS13184,TSS	chr4:100737980	22.0108	14.5047
TUBA1C	TSS26948,TSS	chr12:49621700	74.0547	314.026
CMSS1	TSS13100,TSS	chr3:99536677-	7.3697	58.2715
NMI	TSS15020	chr2:15212698-	18.159	21.2015
MEF2A	TSS12076,TSS	chr15:10010610	16.8495	15.8177
GPR155	TSS23	chr2:175296290	2.4255	0.799353
GOLIM4	TSS6927	chr3:167726460	2.62872	6.73586
RFTN1	TSS18322	chr3:16357351-	16.9105	32.7188
LACE1	TSS11630	chr6:10861609-	1.1	0.633779
TMEM140	TSS27492	chr7:134832760	51.3782	23.4337
HLA-B	TSS15034	chr6:31321648-	747.149	680.648
PAFAH1B3	TSS26933,TSS	chr19:42801180	8.56791	20.7821
CLIP4	TSS11939,TSS	chr2:29320541-	2.91283	4.16271
ALDH6A1	TSS18435	chr14:7452436-	1.1076	1.24977
DHFRL1	TSS12092,TSS	chr3:93776765-	1.74376	1.5533

IARS	TSS337	chr9:94972489-	19.384	68.8837
ZFP37	TSS19346	chr9:115804094	2.08515	1.37841
LOC102723809	TSS25537	chr14:64980868	0.026815	0.247787
KDM1A	TSS24771	chr1:23345940-	13.1111	24.5084
RPS26	TSS8425	chr12:56435685	6.72582	50.0214
LEAP2	TSS13242	chr5:132209357	0.848257	1.91607
LMBR1	TSS31523	chr7:156473569	4.99638	7.11899
TCF12	TSS15676,TSS	chr15:57210837	8.82603	11.6091
ZNF419	TSS12353	chr19:57999078	7.10465	2.70575
AQP5	TSS20620	chr12:50355278	0.293288	0
IKZF3	TSS27077,TSS	chr17:37913967	23.6682	25.9187
TMEM63A	TSS11300	chr1:226033237	13.3801	4.59976
DGKD	TSS14869,TSS	chr2:234263157	16.1293	13.6696
RNF135	TSS18371	chr17:29297955	6.33096	6.07892
TYW3	TSS18168,TSS	chr1:75198835-	7.37041	18.2388
FLJ44635	TSS24998	chrX:71364033-	7.61356	11.8972
DNASE1	TSS23299	chr16:3702939-	3.15757	1.6405
ZNF551	TSS2962	chr19:58193336	5.78566	5.93603
ZNF34	TSS20399	chr8:145997608	1.45464	0.737577
IL18BP	TSS26007,TSS	chr11:71709957	7.387	10.7939
DCP1B	TSS6388	chr12:2055213-	3.94094	5.96097
SLX4	TSS22761	chr16:3631183-	1.06519	2.40925
MRPL48	TSS4689	chr11:73498916	10.0951	23.6448
CYCS	TSS13267	chr7:25158269-	7.98951	42.3433
DARS2	TSS17487	chr1:173793796	3.82687	14.4186
PPCDC	TSS20466,TSS	chr15:75315895	2.23988	4.22091
NOXRED1	TSS5433	chr14:77860364	0.518234	0.210238
RAB4A	TSS18023	chr1:229406808	2.9362	5.49982
GNMT	TSS14201	chr6:42928499-	0.647403	0.394375
NPHP3-ACAD	TSS21266	chr3:132276987	2.14234	0.43701
CIRBP-AS1	TSS18607	chr19:1267469-	2.52353	1.19498
ETV6	TSS8803	chr12:11802787	4.97702	8.74925
CASZ1	TSS24857	chr1:10696665-	2.61247	2.97405
FAM3C	TSS32988	chr7:120988904	7.38647	13.9609
MTMR12	TSS11164	chr5:32227112-	5.52524	6.66126
RGL2	TSS2766	chr6:33259430-	5.2911	4.61577
VGLL4	TSS12026,TSS	chr3:11597540-	4.11447	6.24505
ZNF280D	TSS27260	chr15:56922377	3.89425	3.75208
CCNT2-AS1	TSS32287	chr2:135624207	1.75045	1.09547
DDAH2	TSS3529,TSS5	chr6:31694813-	38.3219	10.6318
C17orf49	TSS3876	chr17:6918055-	21.3947	44.4629
MIOS	TSS4292	chr7:76066157-	7.02745	16.1604
KBTD7	TSS6265	chr13:41765716	5.42559	3.5648
SNAPC3	TSS29231	chr9:15422781-	2.2211	5.02575
AACS	TSS13814	chr12:12554997	2.70966	5.43283
POMGNT1	TSS10790,TSS	chr1:46654352-	5.06281	9.72325
FBXO22-AS1	TSS6669	chr15:76225027	1.03E-29	10.2715
ZNF443	TSS850	chr19:12540519	0.842247	0.949969
CCDC96	TSS29377	chr4:70425757-	1.09141	0.26004
PLCG1-AS1	TSS20012	chr20:39726637	0	0.180822
CCDC30	TSS16188	chr1:43000559-	0.540485	0
AMT	TSS2638	chr3:49454210-	1.32878	0.363063
MIF	TSS14390	chr22:24236564	129.338	853.483
EHBP1L1	TSS33980	chr11:65343508	10.1217	8.6953
AAK1	TSS6025	chr2:69685126-	0.557335	0.627716

IFRD2	TSS6807	chr3:50325162-	5.23027	66.4774
LOC100288846	TSS9483	chr14:39734906-	0.734177	0.0270902
ZNF280C	TSS33659	chrX:12933667-	2.44923	3.67691
SRD5A1P1	TSS9589	chrX:13852897-	0.146773	0
COPRS	TSS20003	chr17:30178886-	9.30571	26.4081
RBMS2	TSS26285	chr12:56915608-	0.481096	0.397427
CDC25B	TSS118,TSS12	chr20:3767418-	5.14067	6.23348
STX7	TSS8729	chr6:13277866-	20.3563	17.4662
C21orf62-AS1	TSS5017	chr21:34144410-	0	0.662995
KIAA1586	TSS35,TSS723	chr6:56911329-	2.53257	3.30545
HSDL2	TSS5957	chr9:115142188-	2.80877	6.05184
TMEM254	TSS19747,TSS	chr10:8183840-	1.17123	2.01112
TMEM67	TSS16501	chr8:94767071-	0.532468	0.705677
GLYCTK-AS1	TSS8498	chr3:52322595-	0	0.294518
BTN2A3P	TSS15670	chr6:26421618-	1.13394	0.534191
FBXO24	TSS20014,TSS	chr7:10018395-	0.0228243	0
GUSBP1	TSS28918	chr5:21459588-	19.2142	16.3768
GPI	TSS1304,TSS2	chr19:3485564-	18.8113	87.9341
H2AFX	TSS24269	chr11:11896458-	20.5294	31.414
H2AFZ	TSS19968	chr4:10086924-	77.1686	137.726
TTN	TSS19181	chr2:179390716-	0.350695	0.219394
CHKB-CPT1B	TSS27414	chr22:51007289-	2.43E-43	9.35E-07
USP30-AS1	TSS14620	chr12:10948984-	3.40101	1.86274
B4GAT1	TSS8130	chr11:66112842-	0.679016	1.08556
SPIN1	TSS31746	chr9:91003296-	5.09047	4.64228
NNT-AS1	TSS19316	chr5:43573286-	0.637895	2.11299
MANEA	TSS2883	chr6:96025372-	2.12724	3.59717
IKBIP	TSS19938	chr12:9900718-	4.12499	11.947
LOC100130357	TSS19694	chr6:13279526-	1.68649	0.935971
SPECC1L	TSS22527,TSS	chr22:24666784-	7.78794	9.7572
EML2	TSS19680,TSS	chr19:46112657-	3.18624	12.5658
TOLLIP-AS1	TSS5993	chr11:1330937-	0	0.349052
GAPDH	TSS12737,TSS	chr12:6643570-	295.888	1133.62
DOCK9-AS2	TSS21042	chr13:99738976-	0.336139	0.613626
IPW	TSS23051	chr15:2536169-	1.61723	0.752451
POLD3	TSS16882,TSS	chr11:74303574-	2.46244	6.12761
ZNF219	TSS14024,TSS	chr14:21558204-	1.73293	0.704155
DGKA	TSS10314,TSS	chr12:56324945-	20.6324	13.09
CEP78	TSS8937	chr9:80850990-	3.64741	3.21212
GAS5	TSS8170	chr1:173833038-	79.0766	77.9159
ATXN7L1	TSS5398,TSS9	chr7:105245220-	1.45391	1.25662
POP1	TSS14762,TSS	chr8:99129520-	0.962231	5.48028
KAT2B	TSS27050	chr3:20081523-	6.55331	2.80598
PCBD2	TSS9566	chr5:134240809-	2.41325	3.46449
XRCC4	TSS8436	chr5:82373316-	6.31908	7.85358
CIITA	TSS15435	chr16:10971054-	21.0766	18.3996
RHOH	TSS26996,TSS	chr4:40192630-	40.8579	99.6646
ZNF19	TSS33524	chr16:71507975-	0.987153	0.601352
AGK	TSS17540	chr7:14125107-	4.54968	7.66335
SAAL1	TSS33598	chr11:18101889-	6.11092	16.9247
BYSL	TSS15640	chr6:41888964-	5.03021	31.1667
WBP1	TSS25338	chr2:74685526-	3.25744	5.63802
ZNF138	TSS13581	chr7:64254765-	4.52662	4.25151
FLOT2	TSS8458	chr17:27206356-	37.0358	34.0452
PPA1	TSS4767	chr10:71962585-	7.031	87.6613

LTB4R	TSS31350,TSS	chr14:24780704	0.683632	2.00034
TPK1	TSS2757	chr7:144149036	2.12967	3.37186
STAT5B	TSS6208	chr17:40351194	12.6353	14.1158
QSOX2	TSS33298	chr9:139098187	13.7315	18.6627
LOC101928445	TSS24977	chr5:179022904	0.162186	0.125602
B4GALT2	TSS17525,TSS	chr1:444448736	0.272211	10.2117
METAP1D	TSS15447	chr2:172864806	0	4.44035
C19orf73	TSS15685	chr19:49621656	0.649591	0
KCNA3	TSS16750,TSS	chr1:111196185	6.03975	3.08836
HTATSF1	TSS188,TSS19	chrX:135579237	12.3221	19.5337
MIS18A	TSS24363	chr21:33640529	4.83858	8.37049
QSER1	TSS16070	chr11:32914726	2.06431	2.89933
RBM44	TSS33894	chr2:238707387	0.0506456	0.164625
ZCCHC18	TSS12125	chrX:103357210	2.72473	0.909911
CMTM6	TSS2037	chr3:325228036	34.7367	36.4968
LEPROTL1	TSS25421	chr8:299529216	7.79426	7.60725
B4GALT5	TSS10090	chr20:48249482	3.19091	6.59461
NAGA	TSS20303	chr22:42454337	4.41619	4.69651
PELI3	TSS28012,TSS	chr11:66233797	4.04098	3.00986
C11orf1	TSS15389	chr11:11174994	4.33559	8.95376
KIF20B	TSS16266	chr10:91461346	4.40188	4.3267
UBAP1L	TSS18960	chr15:65385347	0.822509	0.531099
C19orf48	TSS24638,TSS	chr19:51300949	17.9668	107.746
BRPF3	TSS30519	chr6:361645496	9.17032	6.55627
TFAP2E	TSS14623	chr1:360389706	0.639701	0.191745
RCSD1	TSS24863	chr1:167599476	41.1902	35.4773
LIN9	TSS15772,TSS	chr1:226418849	1.09886	1.25782
SLC27A5	TSS32521	chr19:59009699	0.625843	2.61375
TTLL1	TSS24	chr22:43435522	0.441469	0.950313
FRMD4A	TSS27147	chr10:13685709	0.233223	0.754334
DZIP3	TSS28819	chr3:108308336	1.01615	1.34087
RPL9	TSS3148,TSS7	chr4:394557446	12.6995	29.4865
TMEM81	TSS11011	chr1:205052256	5.25827	4.01921
PTPN22	TSS9927	chr1:114356432	4.0408	5.00909
LOC101927768	TSS24793	chr6:114290864	0	0.0548949
LINC-PINT	TSS1011,TSS6	chr7:130626518	24.8067	11.2145
ACTG1	TSS28340	chr17:79476996	219.684	1064.56
CERS3	TSS11943,TSS	chr15:10094059	0.134167	0.0715347
ZNF701	TSS23552,TSS	chr19:53073529	3.69042	2.20368
NKPD1	TSS20229	chr19:45653007	0	0.236489
SLC39A1	TSS14859,TSS	chr1:153931574	11.1626	22.2796
C10orf111	TSS7819	chr10:15137386	0	0.271289
BTN3A3	TSS23138	chr6:264406996	6.30425	3.9931
R3HDM4	TSS12418	chr19:89650296	46.8586	37.1575
RASA4	TSS24496	chr7:102220092	2.11607	4.41252
ZNF569	TSS21595	chr19:37902059	2.67511	1.93622
SKA2	TSS24302	chr17:57187307	1.54565	4.42939
ZNF671	TSS7006	chr19:58231118	6.85869	5.99369
LOC101927045	TSS15866	chr14:24912158	0.941026	1.09304
ITPR1	TSS32257	chr3:45350316	12.5712	9.94956
CLDN20	TSS27154	chr6:155585146	0.27993	0.247958
LINC01420	TSS8149	chrX:567557176	13.7799	26.3759
SFT2D1	TSS26408	chr6:166733219	17.9564	34.6515
ZFAND5	TSS1968,TSS9	chr9:749663406	21.1665	18.4296
TEX21P	TSS4364	chr14:64812196	0	0.367928

XBP1	TSS22155	chr22:29190547	16.4906	42.0788
PNRC1	TSS22049	chr6:89790428-	56.1458	25.6831
SIGMAR1	TSS21047	chr9:34634718-	7.11485	22.883
TCEAL8	TSS22770	chrX:10250792:	10.9742	8.19806
TPI1P3	TSS12792	chr6:11635989:	0.756184	0.73077
TNFRSF10B	TSS27664	chr8:22877647-	8.10674	32.3233
APOBEC3C	TSS30070	chr22:39410264	22.9122	47.2168
BTG1	TSS29439	chr12:9253405:	65.9994	55.8331
CNN1	TSS22262	chr19:1164953-	0.367826	0.479905
KLC2	TSS11768,TSS	chr11:66024764	5.15961	12.1731
TOMM40	TSS11047	chr19:4539447:	6.84041	69.033
C5orf66	TSS4184	chr5:13436896:	1.4211	1.06421
ZKSCAN7	TSS17048	chr3:44596666-	1.03906	0.853883
HAUS8	TSS22399	chr19:1716057:	5.50901	9.66912
KIAA1656	TSS10108	chr22:3076479:	0.328476	0.340854
DDX10	TSS33456	chr11:1085357:	4.54985	15.508
ZNF367	TSS7768	chr9:99148224-	1.4624	4.58235
TUBG1	TSS24455	chr17:40761357	1.93923	15.6614
MYOM1	TSS4912	chr18:3066804-	0.951085	0.365004
IKBKE	TSS16255	chr1:20664358:	0.757034	1.73689
UBTD1	TSS30731	chr10:9925863:	1.17444	2.02844
PARS2	TSS7418	chr1:55222570-	1.4277	2.31264
MPP6	TSS5893	chr7:24612964-	1.08048	3.85785
HLA-G	TSS33207	chr6:29794755-	35.7826	34.1804
SCARF2	TSS17481	chr22:2077887:	0.150339	0.174561
GATS	TSS32853	chr7:99798277-	2.80106	2.1934
CBY1	TSS32839	chr22:39052657	1.64248	2.48073
SNORA67	TSS17958	chr17:7481272-	79.1041	15.7865
ZMIZ1	TSS30612	chr10:8082879-	5.7903	24.5744
PRPS1L1	TSS4752	chr7:18066399-	0	0.121132
TBCEL	TSS29281,TSS	chr11:1208948:	1.23869	1.7449
PRKCZ	TSS12763,TSS	chr1:1981908-2	9.97729	8.35182
ULK4	TSS23850	chr3:41288089-	0.765804	0.941378
UEVLD	TSS28559,TSS	chr11:1855294:	2.90478	4.56748
DGKB	TSS20051	chr7:14184673-	0.00327223	0.0304345
NECAB3	TSS7963	chr20:3224489:	0.989051	2.99373
TMEM38B	TSS32730	chr9:10845680:	4.51969	5.85922
SKIL	TSS12858,TSS	chr3:17007547:	36.1163	13.2902
NLRP13	TSS18255	chr19:5640731:	0	0
RAPGEF2	TSS5707	chr4:16018899:	6.16253	5.18878
MDH1	TSS15498,TSS	chr2:63815742-	30.5144	75.4648
ROM1	TSS31197	chr11:6238021:	4.0195	1.96213
KIF3C	TSS9414	chr2:26149454-	1.21182	0.343237
SLC25A25	TSS16563,TSS	chr9:13083047:	3.49738	5.50457
L3MBTL3	TSS12959	chr6:13033972:	6.82839	5.14132
DBF4B	TSS25072	chr17:4278597:	1.4118	1.98965
FAIM	TSS24046,TSS	chr3:13832754-	4.80736	8.57332
RHD	TSS32200	chr1:25598976-	0.545425	0.325174
STAMBPL1	TSS31738	chr10:9063994:	8.02512	7.90061
RFC5	TSS31997	chr12:1184545:	6.80489	8.12765
DGKQ	TSS6802	chr4:952671-9:	2.15167	2.96273
GTSE1-AS1	TSS10733	chr22:4669103:	0.956303	0.716965
RTP4	TSS7144	chr3:18708616:	3.80099	1.56937
POM121L8P	TSS20070	chr22:2163671:	0.19734	0.196528
MCM3AP-AS1	TSS7718	chr21:4764914:	0.84071	2.11321

DNAH17	TSS21821	chr17:76419771	0.113858	0.149863
ZXDB	TSS21141	chrX:57618268	5.54695	3.72553
NDUFAF2	TSS23255	chr5:60240955	2.48954	44.1622
GOT1	TSS398	chr10:10115662	6.99684	18.3126
SLC5A7	TSS4651	chr2:108602969	0.00291147	0.0152178
TTC30B	TSS17615	chr2:178414880	0.44598	0.985873
CNIH1	TSS26259	chr14:54893640	13.4712	27.2423
FGF11	TSS1650,TSS1	chr17:73415911	0.893919	0.543058
ANP32E	TSS32290,TSS	chr1:150190710	24.0449	28.9116
TUBA3E	TSS11057	chr2:130949311	0.349076	0.310405
PPIF	TSS24007	chr10:81107219	14.8856	162.655
RELL1	TSS25180	chr4:37592421	1.59463	1.1782
EIF1B-AS1	TSS20121	chr3:40214637	0.0428619	0.0331906
SLC25A30	TSS22890	chr13:45967450	4.02326	5.77472
SRD5A1	TSS237	chr5:66334991	1.47098	2.30875
TPST2	TSS22403,TSS	chr22:26921710	7.40945	7.50582
RTTN	TSS26398	chr18:67671040	1.40901	2.07288
RITA1	TSS11527	chr12:11362330	5.11497	13.3141
TUBBP5	TSS23367	chr9:141044560	0.783122	0.657994
NFKBIE	TSS25092	chr6:44225902	14.8509	17.5139
LINC00987	TSS28086	chr12:93925980	1.21393	4.41631
GOLGA8B	TSS13822,TSS	chr15:34817480	8.35786	11.8093
HYAL1	TSS1206,TSS1	chr3:50337319	0.122606	0
GEN1	TSS11908,TSS	chr2:17935176	8.43275	8.81779
TET2	TSS23772,TSS	chr4:10606703	4.90606	4.88354
STAM-AS1	TSS7971	chr10:17683280	1.01345	0.562298
TOP2B	TSS33594	chr3:25639395	33.2021	31.3463
SLC3A2	TSS13544,TSS	chr11:62623480	310.982	222.729
LOH12CR1	TSS14721	chr12:12510010	2.14052	3.2323
KIAA1614	TSS24683	chr1:180882310	0.167267	0.0946644
RNF215	TSS29127	chr22:30774800	0.911254	1.20819
PLIN2	TSS27318	chr9:191157580	6.48743	23.9985
MAP3K1	TSS29147	chr5:561108990	20.5152	10.2093
WRAP73	TSS30124	chr1:35473300	7.26389	13.2338
PHLPP1	TSS24115	chr18:60382670	1.22865	1.4416
ARHGAP5	TSS6175	chr14:32546490	7.14883	5.9356
SMC5-AS1	TSS19686	chr9:72830974	0.0477797	0.115278
TOB1-AS1	TSS26465	chr17:48944030	0.033393	1.05456
KCNIP2-AS1	TSS2948	chr10:10357880	0	0.160939
GALNT2	TSS22346,TSS	chr1:230193530	24.3334	31.6161
ARHGAP17	TSS5033	chr16:24930700	23.5847	56.086
ID2-AS1	TSS15041,TSS	chr2:88111113	0	0
ATP11A	TSS5067	chr13:11334460	2.24933	3.99389
WDR35	TSS25829	chr2:201100280	1.47141	3.31045
ZBTB18	TSS12189,TSS	chr1:244212240	31.8573	13.8278
MTX3	TSS3347	chr5:792725380	3.7166	3.71524
PRKDC	TSS34232	chr8:486856680	11.1775	33.1898
KCNQ1OT1	TSS16614	chr11:26295570	0.139016	0.138949
SH3TC1	TSS26985	chr4:82010590	18.8747	12.164
SPSB2	TSS11067,TSS	chr12:69800990	12.4968	7.19436
BAZ2B	TSS26155	chr2:160175480	2.96836	1.70363
MKRN2OS	TSS26169	chr3:125812790	0	0.176129
SAP30	TSS16919	chr4:174292090	0.353856	3.16608
SDHAF3	TSS12835	chr7:967459040	2.029	8.7613
LOC728554	TSS11241	chr5:177302260	9.82097	26.7607

SPAG5-AS1	TSS1702	chr17:26926150	0.283057	0.79372
RBBP8	TSS17866,TSS	chr18:20513294	3.68002	12.979
SPATA5	TSS16611	chr4:123844224	1.31784	2.29765
ZBTB44	TSS25137	chr11:13009657	12.0631	7.4215
ZNF561-AS1	TSS25259	chr19:9732157-	0.60008	0.910155
EZR	TSS10194,TSS	chr6:159186774	201.069	122.985
LIG1	TSS7816	chr19:48618707	8.51303	7.09065
BTF3P11	TSS26489	chr13:77502584	0.367447	0.0826377
ERI2	TSS27813	chr16:20791514	1.40647	1.6451
CENPP	TSS15907,TSS	chr9:95087749-	0.525874	0.676209
GFPT1	TSS6818	chr2:69546900-	4.92637	5.47576
MPI	TSS12276	chr15:75182357	2.0574	8.73652
CCDC85B	TSS30927	chr11:65657874	7.59063	34.661
ATP1A1	TSS30450,TSS	chr1:116915794	44.1924	88.4768
IPO5P1	TSS10893	chr19:23437854	3.00746	3.10516
TRO	TSS29235,TSS	chrX:54946995-	5.8246	3.88074
C11orf84	TSS8740	chr11:63580844	7.66371	7.48742
ARVCF	TSS18477	chr22:19957407	0.711192	0.308577
RNASEH2B	TSS30524	chr13:51483810	6.69927	27.6656
YBX3	TSS9437	chr12:10851674	19.9007	72.1101
ACAD11	TSS10216	chr3:132276987	0.288327	2.83685
SLC9B1	TSS323	chr4:103806204	5.36E-09	0.430644
DSTN	TSS26636	chr20:17550594	9.21957	11.2229
MTFP1	TSS10060	chr22:30821610	3.71885	44.4883
PKI55	TSS31041	chr2:217081617	2.36553	1.69732
SUV39H2	TSS2507,TSS6	chr10:14920787	1.52305	5.54595
ZNF771	TSS6350	chr16:30418734	2.51681	1.89936
HACD3	TSS21752	chr15:65822820	4.89408	14.7608
LOC283038	TSS14287	chr10:12737187	2.55E-06	0.207296
MVK	TSS18013	chr12:11001149	1.31556	11.7622
SLC1A5	TSS12654,TSS	chr19:47278139	31.8239	69.258
USP28	TSS28632	chr11:11366859	4.90079	4.98933
ZNF827	TSS18542	chr4:146678774	0.842492	0.965187
LOC101928114	TSS19407	chr1:95628774-	0.0853045	0.0106524
IPO9-AS1	TSS15267	chr1:201657384	1.24257	0.323909
NOTCH4	TSS22253	chr6:32162619-	0.52609	0.608174
DNLZ	TSS18847	chr9:139256357	20.9129	48.3217
PSPH	TSS30550	chr7:56078743-	4.74304	10.0049
ADO	TSS13320	chr10:64564514	3.68028	10.1422
CASP6	TSS14565	chr4:110609784	5.32837	11.2261
TMEM117	TSS23214	chr12:44229664	0.154379	0.841371
LOC104968394	TSS23759,TSS	chr18:3255433-	0.800083	0.408616
MYH3	TSS17376	chr17:10531844	0.883408	0.878347
ZNF275	TSS1249	chrX:152599614	3.69302	4.35209
APOBEC3F	TSS1940	chr22:39436674	11.1082	5.6509
DHTKD1	TSS19798	chr10:12110914	2.03098	2.80478
C5orf42	TSS16177	chr5:37106329-	1.06961	0.879745
HSPE1	TSS1524	chr2:198364720	33.8899	204.606
HPRT1	TSS21503	chrX:133594174	16.3292	35.4853
STARD10	TSS17120	chr11:72465774	2.86121	3.91748
MAP2K5	TSS30038,TSS	chr15:67835020	2.1625	5.63707
LYG1	TSS30639	chr2:99900700-	2.83483	0.510322
AMPD2	TSS18948,TSS	chr1:110162434	2.99873	20.1429
PGBD1	TSS14857	chr6:28249313-	0.551489	1.03992
METTL1	TSS9237	chr12:58162350	3.79583	14.4186

CTSA	TSS30113	chr20:44519590	14.4175	27.066
ZNF678	TSS7053	chr1:227751219	1.93255	1.1232
RHBDD2	TSS15674	chr7:75508316-	12.4855	9.93045
ZFAND1	TSS31682	chr8:82613565-	12.4352	20.1259
PTER	TSS9610	chr10:1647894-	3.03082	5.75384
MYL6B	TSS27796	chr12:56546200	4.70139	8.99778
SSFA2	TSS24653	chr2:182756440	5.96417	6.01543
FNBP1	TSS10708	chr9:132649460	24.95	52.3272
HSH2D	TSS32729	chr19:16244830	36.8965	13.6988
SH3YL1	TSS13766,TSS	chr2:218135-20	7.58227	7.40965
INO80C	TSS8698,TSS8	chr18:33048290	8.60899	17.9621
KIAA0895L	TSS14087	chr16:67209500	0.257899	1.06799
IL12RB1	TSS12828,TSS	chr19:18169800	2.86452	5.59612
ZNF230	TSS3345	chr19:44507070	2.53406	1.18998
LOC100049710	TSS27244	chr12:740056-0	1.53606	0.713602
APOL6	TSS23987	chr22:36044420	3.73807	1.56016
LOC100272217	TSS18112	chr9:133452730	0.147515	0.815912
CFL1P1	TSS25230	chr10:89578060	0	0.10125
CD37	TSS9708	chr19:49838670	226.162	158.047
SLC26A1	TSS7032	chr4:972860-90	1.33882	0.550698
LINC01355	TSS24776	chr1:23607801-	1.42124	1.14832
CCDC159	TSS11812	chr19:11457180	2.92956	2.30737
LINC00674	TSS5690	chr17:66097690	5.39063	2.93909
C12orf57	TSS10245,TSS	chr12:7052600-	43.7881	63.6817
CEPT1	TSS21264,TSS	chr1:111682240	17.0897	36.312
AKAP2	TSS10588,TSS	chr9:112810870	32.1732	50.7933
TIGD7	TSS11716	chr16:3348807-	3.7946	2.44268
TOP1	TSS33886	chr20:3965746-	25.1552	50.994
ELK3	TSS15437,TSS	chr12:96588150	35.1196	14.4883
TRPC5	TSS33053	chrX:11101750	0.00796191	0.0175356
LPCAT4	TSS28849	chr15:34651080	4.69244	4.32012
LOC100287015	TSS20713	chr8:6261076-0	0.781249	0.936134
CBR3-AS1	TSS2771	chr21:37504060	0.876972	1.22496
LRFN1	TSS4011	chr19:39797450	2.23557	1.19722
SKI	TSS8857	chr1:2160133-0	13.5616	7.20897
IRAK1BP1	TSS7524	chr6:79577260-	0.254127	0.688459
PTPRC	TSS30239	chr1:198608090	69.3363	56.3263
CD55	TSS28767	chr1:207494810	44.0545	47.8996
FAM8A1	TSS4592	chr6:17600517-	2.14927	1.10653
VAC14-AS1	TSS8488	chr16:70788960	0.16188	0.0940097
FBXO41	TSS20691	chr2:73481809-	3.04027	9.29915
FAM228B	TSS13612,TSS	chr2:24299743-	3.42809	0.461308
ITGB3BP	TSS13293	chr1:63906440-	2.42455	9.08666
GIPC1	TSS15315	chr19:14588570	3.22329	7.83119
ZNF713	TSS25857	chr7:55954969-	0.60105	0.561146
WDR27	TSS17740	chr6:169857300	0.784688	0.817118
MYPOP	TSS7283	chr19:46393280	1.33283	1.97062
WDR34	TSS23335	chr9:131395930	7.49792	11.0473
NEK10	TSS10230,TSS	chr3:27152393-	0.0996096	0.060694
LOC654841	TSS31782	chr2:228085760	0.374904	0.165863
SDHAF4	TSS13541	chr6:71276624-	0	6.32547
REL	TSS15424	chr2:61108629-	19.2075	14.3737
DTYMK	TSS15632	chr2:242615150	4.46898	29.9749
TPMT	TSS19848	chr6:18128544-	2.90291	2.90241
LINC01004	TSS7791	chr7:104622190	4.01543	2.04594



RNF212B	TSS9440	chr14:23707126	0.0734868	0.0880566
RIC8B	TSS16426	chr12:10716839	0.674412	0.683841
COMMD3-BMI	TSS31435	chr10:22605317	8.59072	1.63333
AGBL2	TSS21528	chr11:47681142	0.498916	0.0941872
ASPHD2	TSS15407	chr22:26825279	2.74306	2.98489
MPC2	TSS13151,TSS	chr1:167885912	7.51269	11.1865
SP110	TSS25701,TSS	chr2:231033642	26.2979	15.5339
BAZ2B	TSS13248	chr2:160549706	0	0.205306
PLXNA3	TSS5966	chrX:153686620	4.07339	3.06663
PLCG2	TSS17388	chr16:81812862	27.8654	23.4735
PLEKHG2	TSS19113	chr19:39903749	1.8998	1.53071
ACOT7	TSS23072,TSS	chr1:63243317	4.97329	15.3408
SNORA7B	TSS27274	chr3:129116052	7.3125	7.78292
PLAGL2	TSS655	chr20:30780306	3.40291	9.24598
HLA-H	TSS29173	chr6:29855536	91.4089	109.648
SLFNL1	TSS31052	chr1:41481268	0	0.239229
TIGD2	TSS15152	chr4:90033967	1.39088	2.69265
PARP1	TSS25254	chr1:22654839	52.0853	79.0314
ASUN	TSS27869	chr12:27058117	5.69889	21.202
EFNA4	TSS14283	chr1:155036212	2.94372	3.35984
ZC2HC1C	TSS29146	chr14:75536279	0.706603	0.196047
SP100	TSS4170,TSS4	chr2:231280870	58.2127	35.0098
TUBB	TSS18734,TSS	chr6:30687977	62.5011	276.445
LOC101929717	TSS11975	chr3:112861196	0	0.157999
MEI1	TSS4169	chr22:42095517	1.3792	0.239546
ARHGAP33	TSS15313	chr19:36266416	0.0205781	0.120432
PGM3	TSS4211,TSS8	chr6:83874592	2.58158	2.459
NAT2	TSS19797	chr8:18248754	0.10871	0.0468011
YEATS2	TSS9190	chr3:183415609	3.71622	4.6015
LOC101928068	TSS3061	chr1:245128509	0.36627	0.110616
OSER1-AS1	TSS23362,TSS	chr20:42839599	6.94435	2.18848
LIPA	TSS19006,TSS	chr10:90973329	10.7242	22.8412
HNRNPAB	TSS19677	chr5:177631507	27.4237	146.029
HDAC4	TSS14516	chr2:239969860	0.489104	1.85472
GLCCI1	TSS29649	chr7:80083737	2.44481	4.62335
AGAP1	TSS470	chr2:236402732	1.55132	0.463602
SFXN1	TSS29573	chr5:174905510	2.59812	20.2323
DTX3	TSS28350	chr12:57998402	0.42012	0.585833
BOLA3-AS1	TSS18042	chr2:74375107	0.962837	0.426907
LOX	TSS21025,TSS	chr5:121398889	0.0789235	0.135508
MSTO2P	TSS30723	chr1:155579978	3.53987	6.36E-06
C10orf95	TSS18015	chr10:10420959	0.23322	0.942473
TMEM164	TSS31424,TSS	chrX:109245860	3.08854	3.85688
RBBP7	TSS10438,TSS	chrX:16862774	47.6706	59.0006
LOC100288842	TSS21662	chr9:123555772	0.100025	1.08865
C10orf131	TSS3116	chr10:97667727	0	0.128039
MPZL3	TSS6180	chr11:11809740	2.67842	1.24815
PANDAR	TSS22971	chr6:36641397	0.632871	1.0851
STAT2	TSS22169	chr12:56735387	12.4514	7.97114
GSTZ1	TSS390,TSS54	chr14:77787229	6.45339	9.41997
ZDHC18	TSS30782	chr1:27153200	6.63482	8.17618
CCDC18	TSS1848	chr1:93646272	1.63523	1.85568
ZNF736	TSS8577	chr7:63774250	15.7176	8.40793
MANEA-AS1	TSS2527	chr6:96007971	2.77439	1.26634
VRK1	TSS18956	chr14:97263680	6.30883	19.0087

PRKG1	TSS12315,TSS	chr10:52750910	0.019353	0.0556771
LOC401320	TSS28444	chr7:30587972-	0.877934	0.723059
SLC4A5	TSS18745,TSS	chr2:74443368-	1.47726	1.97305
YPEL5	TSS7183	chr2:30369749-	83.5934	28.6189
LINC01011	TSS4753	chr6:2988200-	0.692506	0.0458934
C5orf56	TSS13467	chr5:13174646-	7.7035	3.90094
CFL2	TSS11116,TSS	chr14:3517958-	3.80663	4.20033
MKS1	TSS17222,TSS	chr17:5628279-	2.11135	3.99279
SIRT4	TSS23531	chr12:1207401-	0.279662	0.712196
ACADVL	TSS20897,TSS	chr17:7120443-	34.4535	67.5965
LOC101927124	TSS25985	chr14:3188996-	0	0.123504
HAGH	TSS12521	chr16:1859103-	4.9111	10.2507
DENND1B	TSS11471	chr1:19747387-	2.26124	1.20948
LINC01311	TSS17874	chr22:1915921-	0.520839	2.65802
C16orf87	TSS27149	chr16:4683595-	3.11868	8.3648
CXCR4	TSS18016,TSS	chr2:13687191-	639.008	241.748
LOC100128361	TSS423	chr9:95380331-	0.413441	0.501025
SLC16A1-AS1	TSS21469	chr1:11349903-	0.768892	2.42523
PLGLA	TSS9239	chr2:10699856-	0.86363	1.0753
NDST1	TSS13208,TSS	chr5:14987733-	0.611027	3.58189
SPDL1	TSS15132	chr5:16901063-	2.13436	4.50532
ZNF20	TSS6534	chr19:1224216-	1.44829	0.723283
ZNF296	TSS27760	chr19:4557475-	14.5092	16.5183
VPS37B	TSS19983	chr12:1233498-	19.9555	30.0352
PPARGC1B	TSS15717,TSS	chr5:14910981-	0.24591	4.2504
SLC23A3	TSS16530	chr2:22002618-	0.688784	0.130421
ZNF658B	TSS16595	chr9:39443813-	0.6783	0.400332
ZNF425	TSS23595	chr7:14879987-	1.0248	0.687497
AKTIP	TSS25619	chr16:5352495-	2.39751	2.29939
IDH2	TSS13919,TSS	chr15:9062721-	10.9301	14.4475
HIVEP1	TSS1280	chr6:12012723-	5.34899	3.23834
TRANK1	TSS21638	chr3:36868307-	21.0022	7.98336
PVT1	TSS24022	chr8:12890287-	2.06762	9.76666
ZNF658B	TSS10140	chr9:41588832-	0.683556	0.402421
CYLD	TSS2542,TSS3	chr16:5077596-	15.6931	12.0832
ACTG1P17	TSS21351	chr15:8339464-	0.00561324	0.891825
CTAGE7P	TSS25725	chr10:1319042-	0.281883	0.327327
SERINC4	TSS21052	chr15:4408637-	0.972772	0.157736
ANKRD6	TSS12613,TSS	chr6:90142896-	0.925619	0.74578
RWDD2B	TSS16400	chr21:3037807-	1.13818	4.19812
ENO3	TSS23433	chr17:4854383-	2.32504	1.88831
GDF9	TSS18017,TSS	chr5:13219687-	0.477638	0.799521
PRKXP1	TSS19257	chr15:1010879-	1.77933	1.44018
ZNF264	TSS32100	chr19:5770286-	4.71093	2.81361
HRSP12	TSS17020	chr8:99114566-	6.51598	9.03344
C14orf142	TSS5770	chr14:9366923-	8.30069	10.9473
LAP3	TSS30817	chr4:17578926-	9.91222	28.5542
EI24	TSS9773	chr11:1254392-	6.26843	18.6118
HIST1H4I	TSS7878	chr6:27107087-	2.43315	1.26739
LOC105372795	TSS17416	chr21:3843534-	0	0.225647
LOC100507462	TSS26048	chr6:13904634-	0.163799	0.0508662
CENPN	TSS17698	chr16:8104010-	3.1947	4.62815
TCTN2	TSS18146	chr12:1241556-	0.973017	1.11687
KRBA1	TSS12854	chr7:14941210-	2.82646	3.0898
AKR1B10	TSS12764	chr7:13421234-	0	0.145027

WFIKKN1	TSS31339	chr16:681011-6	0.39786	0.0724982
CISD1	TSS3568	chr10:6002886-	2.42668	12.9211
ANKMY2	TSS32689	chr7:16639400-	6.12722	2.67597
PSMC3IP	TSS15820,TSS	chr17:4072432-	1.88335	3.2875
NFS1	TSS12134	chr20:34256609	1.8794	9.14076
ZNF394	TSS16627	chr7:99090853-	15.7735	14.9638
FUZ	TSS26487	chr19:5031012-	2.31714	6.34302
CYB5D1	TSS6764	chr17:7761063-	1.80553	4.52725
SUMO4	TSS25655	chr6:14972149-	3.19685	0.0443326
TPI1	TSS11360,TSS	chr12:6976583-	51.0112	219.982
PRAF2	TSS18880	chrX:48928812-	4.33857	6.4134
ARID5A	TSS20914	chr2:97202463-	24.256	20.088
THOC3	TSS24852	chr5:17538653-	10.732	26.815
APC2	TSS6136	chr19:1450147-	0.263104	0.226185
FBXO10	TSS15604	chr9:37510888-	6.11002	3.55012
PDE6B	TSS17654,TSS	chr4:619362-60	0.318831	1.6151
OGG1	TSS15740	chr3:9791627-9	7.27405	9.54018
TRIB2	TSS8832	chr2:12856997-	4.15637	5.01513
IL27RA	TSS2321	chr19:1414255-	9.48487	8.95497
ADGRF3	TSS12051,TSS	chr2:26531040-	0.402764	0.220786
KIRREL3	TSS20278	chr11:12629339	0	0.425768
HTRA2	TSS2251	chr2:74756531-	7.97064	18.8174
ZDHHC21	TSS9611	chr9:14611068-	3.42677	3.12434
SLC38A6	TSS24509,TSS	chr14:6144783-	2.89695	1.29052
C1QBP	TSS21349	chr17:5336098-	24.0268	239.717
TMEM99	TSS12803,TSS	chr17:3897534-	1.49965	2.8571
NANP	TSS2784	chr20:2559357-	1.23969	1.35042
FANCL	TSS2625	chr2:58386377-	5.11916	5.21958
AGPAT4	TSS30497	chr6:16155105-	0.340609	0.259366
CDKN2B-AS1	TSS24385	chr9:21994789-	1.18919	0.485199
ARHGAP26	TSS15243	chr5:14215029-	1.38362	0.86881
OXCT1	TSS27182	chr5:41730166-	6.09795	10.7884
ACOT1	TSS11700	chr14:7400392-	0.493398	2.00098
BRWD1-IT2	TSS4525	chr21:4068583-	0.494806	0.0767367
LOC101928882	TSS31120	chr3:18042537-	0.143786	0.081892
MSH6	TSS14430,TSS	chr2:48010220-	12.3817	16.6394
NFIC	TSS13952,TSS	chr19:3359560-	2.01969	4.59143
BREA2	TSS11363	chr8:14477928-	0	0.0386905
ANO8	TSS30375	chr19:1743403-	0.15693	0.234815
LOC100130331	TSS24362	chr1:23802547-	0.574672	2.2749
C9orf40	TSS22671	chr9:77561498-	2.9554	5.04028
SYNJ2	TSS25528,TSS	chr6:15840288-	1.84275	2.45621
ABHD6	TSS5922	chr3:58223258-	1.96628	15.4762
MKL2	TSS19909,TSS	chr16:14165169	0.873247	1.89587
LENG9	TSS2102	chr19:5497297-	1.26678	2.06372
ADAMTS13	TSS16438,TSS	chr9:13627945-	0.156698	0.136875
NMRAL1	TSS1479,TSS3	chr16:4511677-	6.03431	11.5047
NCOR1P1	TSS21093	chr20:2608405-	0.808547	0.175124
ADORA2A	TSS22458,TSS	chr22:2481956-	7.44486	9.75541
KLF10	TSS26715,TSS	chr8:10366100-	10.5643	6.74869
MPST	TSS12317,TSS	chr22:3741568-	3.63137	6.11956
MCM7	TSS14683,TSS	chr7:99690350-	28.5974	45.4558
FAM223B	TSS10714	chrX:15386073-	1.11199	0.327502
SNORA4	TSS18689	chr3:18650540-	0	25.2585
ZNF646	TSS15531	chr16:3108574-	7.83354	4.828

CTNS	TSS17349	chr17:3539761-	2.73276	4.04131
AMER1	TSS13146	chrX:63404996-	2.32759	2.27556
CELF3	TSS15275,TSS	chr1:15167253-	0	0.0435552
RFESD	TSS15345,TSS	chr5:94982480-	0	0.57872
LINC00152	TSS1629	chr2:87754973-	29.1764	34.1305
TMEM56-RWD	TSS21527	chr1:95583478-	1.65467	0.464623
MIR17HG	TSS29638	chr13:9200007-	8.18651	12.1186
CCND3	TSS13819,TSS	chr6:41902670-	22.3746	25.2766
PABPC4	TSS24822	chr1:40026484-	41.417	79.807
HIP1R	TSS3089,TSS3	chr12:1233192-	43.0338	30.2328
N4BP2L1	TSS24221	chr13:3297485-	5.0518	2.11937
HAUS4	TSS30508	chr14:2341543-	3.70339	6.76716
STX18-AS1	TSS24854	chr4:4543857-	0.811707	0.670348
MRPL46	TSS12140	chr15:8900270-	10.3864	34.8664
TTF2	TSS29733	chr1:11760294-	1.38767	7.90282
FBXL22	TSS14292	chr15:6388955-	0	0.358217
ABI3	TSS22962	chr17:4728758-	4.14256	50.1676
IRF2BP2	TSS7636	chr1:23474001-	13.2004	14.9142
C4orf33	TSS14293,TSS	chr4:13001482-	1.52407	1.15793
SCAMP1	TSS24579	chr5:77656326-	2.03232	2.55241
CEP152	TSS16569	chr15:4903013-	2.49245	2.06242
RAB27A	TSS11443,TSS	chr15:5549516-	5.52558	6.0271
GOLGA2P5	TSS28273	chr12:1005501-	2.01448	2.28845
CARM1	TSS2382	chr19:1098225-	8.1709	22.1959
PLOD3	TSS10607	chr7:10084925-	5.10344	6.92724
C2orf81	TSS5162	chr2:74641302-	0.384092	0.803444
ARHGAP19	TSS31130,TSS	chr10:9898192-	2.63273	3.40278
GDF11	TSS18769	chr12:5613706-	1.57504	1.74364
RAB29	TSS30671	chr1:20573711-	11.775	11.0707
DUOX1	TSS7343	chr15:4542219-	0.126176	0.0818717
IVNS1ABP	TSS31212	chr1:18526552-	15.0316	13.4431
LDHAL6A	TSS32060	chr11:1847737-	0.24742	0.805654
C17orf99	TSS15252	chr17:7614243-	0.24828	2.10854
MRT04	TSS32824	chr1:19578074-	10.332	70.6968
SH3BP5	TSS23334,TSS	chr3:15295862-	14.6419	15.9974
MGC16142	TSS7577	chr7:92167788-	1.14931	0.976853
FBXW4P1	TSS10772	chr22:2360495-	1.94196	0.434833
MORN2	TSS25596	chr2:39103102-	1.45107	4.8344
UCK2	TSS26389	chr1:16579673-	2.86838	19.9578
PRIM1	TSS9746	chr12:5712536-	3.28253	6.68214
FAM161A	TSS26561	chr2:62051982-	0.851542	1.40092
ZFP69B	TSS16063	chr1:40916336-	1.47588	3.11705
APOOL	TSS10896	chrX:84258897-	1.73045	4.11153
C4orf46	TSS13378,TSS	chr4:15958782-	2.43046	2.96252
PGAM2	TSS26848	chr7:44102325-	6.21802	1.45193
ZFP69	TSS33795	chr1:40943301-	1.19275	2.21988
PRMT6	TSS22080	chr1:10759926-	4.71765	11.5289
COPG2	TSS14593	chr7:13014607-	1.4895	4.00362
OTUD7A	TSS29417	chr15:3177532-	0.101502	0.0488272
RAB39B	TSS31576	chrX:15448751-	2.65468	3.251
ZNF593	TSS11385	chr1:26496387-	3.54127	90.5154
LOC100507283	TSS33696	chr11:1246703-	0.836492	0.158552
ABCA7	TSS15269	chr19:1040101-	6.39424	3.0851
LOC100128288	TSS28646	chr17:8261730-	1.44468	0.378382
LINC00235	TSS23327	chr16:576846-	0.844674	0.738962

IL16	TSS15775,TSS	chr15:81489218	15.0045	22.8295
TP53INP2	TSS20989	chr20:33292147	3.37153	3.23729
HOXB4	TSS19160	chr17:46652868	0.245717	0.415161
ATM	TSS7591	chr11:10809358	23.5482	9.56146
ANXA6	TSS2420,TSS2	chr5:150480266	84.6624	186.679
ANXA4	TSS30164	chr2:69969126-	16.0543	13.6173
HIPK1-AS1	TSS32469,TSS	chr1:114466627	0	0.250313
RPS26P11	TSS13217	chrX:71264258-	6.83027	44.938
RANBP1	TSS17705,TSS	chr22:20103460	13.6592	83.7839
ADRBK2	TSS21285	chr22:25960860	12.212	11.3833
ARGFXP2	TSS20053	chr17:30477386	0.642923	0.155722
CPEB2	TSS2572	chr4:15004297-	3.12949	1.10525
FAM135A	TSS29269,TSS	chr6:71123106-	2.45494	3.52594
IL11RA	TSS25953,TSS	chr9:34652181-	0.455943	0.768644
EIF1AY	TSS13337	chrY:22737596-	17.5658	42.847
PCBP4	TSS19252,TSS	chr3:51991469-	1.99583	2.44025
C11orf42	TSS30068	chr11:6226797-	0.341538	0.165468
MSI2	TSS11541,TSS	chr17:55333930	6.58984	12.7352
SNHG17	TSS27521,TSS	chr20:37049238	10.7848	20.9328
GSTP1	TSS8137	chr11:67351068	242.009	624.951
CASP4	TSS33017,TSS	chr11:10481358	31.2784	35.8906
BDH1	TSS15680,TSS	chr3:197236658	0.56843	6.40846
IMP4	TSS17090	chr2:131100488	17.4782	97.809
CRTAP	TSS29513	chr3:33155449-	6.67466	5.16483
RB1	TSS10700	chr13:48877882	14.3229	17.5866
FRMD8P1	TSS29625	chrX:64770501-	0.731679	0.144969
PCBP2-OT1	TSS31720	chr12:53858257	2.29355	1.01417
CD74	TSS3502	chr5:149781198	1259.54	1394.41
MYD88	TSS5965	chr3:38179968-	14.7466	21.4785
PHKA2-AS1	TSS12717	chrX:18908413-	5.32E-11	0.307285
CCDC121	TSS17683,TSS	chr2:27848505-	1.14756	0.176529
IQSEC1	TSS17656,TSS	chr3:12938541-	14.3464	14.9296
TBC1D29	TSS1114	chr17:28886588	0	0.192986
TIGAR	TSS16106	chr12:4430358-	2.0594	5.53033
ECI2	TSS10417,TSS	chr6:41159264-	13.4015	12.3962
RUVBL1	TSS18926	chr3:127799798	4.60795	53.3572
SND1	TSS5855	chr7:127292207	26.3897	90.7282
PABPC1L	TSS7002	chr20:43538702	1.42344	3.56996
NBR2	TSS32990	chr17:41277598	0.973191	1.02969
RPL21P28	TSS22355	chr13:27825692	125.102	0.0123808
NBEAL2	TSS30226	chr3:47021172-	5.21372	6.50736
PBX3	TSS15232,TSS	chr9:128509616	2.78851	4.80012
APITD1-CORT	TSS12542,TSS	chr1:10490158-	1.63189	0.00019605
LIMK2	TSS16066,TSS	chr22:31608248	7.33618	5.36283
NUTM2G	TSS11389	chr9:99691285-	1.6895	1.46311
SHMT2	TSS10300,TSS	chr12:57623358	50.8592	116.536
GNRHR	TSS26266	chr4:68603098-	0.225691	0.0174625
CCDC146	TSS1420	chr7:76751933-	1.04025	0.364383
IMMP2L	TSS2415,TSS4	chr7:110303108	2.18972	10.6932
ZGRF1	TSS24119	chr4:113460488	0.881712	0.849147
TMEM237	TSS1982,TSS8	chr2:202484906	0.380466	0.35089
JAK3	TSS28876	chr19:17935592	10.8883	8.98339
PTTG2	TSS21798	chr4:37962055-	0	0.0790933
HLA-DMB	TSS24535	chr6:32902405-	78.3337	65.9197
DOCK7	TSS25063	chr1:62920396-	1.69861	2.40084

HCP5	TSS31354	chr6:31430956-	8.45319	10.5176
MXD4	TSS6734	chr4:2249159-	13.4921	8.33991
AGGF1	TSS8243	chr5:76326209-	6.867	8.1001
TMEM263	TSS18278	chr12:10734954-	5.7938	5.31105
APBB1IP	TSS28471	chr10:26727265-	26.1089	21.784
CELP	TSS17197	chr9:135957925-	0	0
NR2F6	TSS13588	chr19:17342695-	0.661995	3.31693
CSTF3-AS1	TSS23844	chr11:33183205-	0.968854	0
HLA-DQB1	TSS20556	chr6:32627240-	166.046	186.022
ARL4D	TSS24561	chr17:41476355-	0.881749	0.933513
HYOU1	TSS21412	chr11:11891485-	8.47935	35.2425
C5orf30	TSS15757	chr5:10259444-	1.40769	3.42802
HDAC7	TSS7312	chr12:48176495-	15.4587	10.726
C2orf16	TSS6926	chr2:27799388-	0	0.245958
RARA	TSS28961,TSS	chr17:38465425-	9.3894	14.9469
PHPT1	TSS3495	chr9:139743265-	4.36759	37.0892
CHST11	TSS761	chr12:10485065-	5.33666	5.4854
FAM189B	TSS32446	chr1:155216995-	1.39008	7.50445
LGALS8	TSS11277,TSS	chr1:236681515-	7.81973	6.11033
CSAD	TSS21169,TSS	chr12:53551445-	3.36314	2.23815
HCG4B	TSS4039	chr6:29892368-	1.13455	1.19818
LOC101060091	TSS21410	chr2:114588755-	0.88539	0.305891
SLC29A3	TSS3193	chr10:73079005-	2.02587	2.60842
PLA2G12A	TSS25431	chr4:110631144-	1.234	2.06778
RCC1	TSS10284,TSS	chr1:28832454-	10.4793	59.8716
TRIT1	TSS29547	chr1:40306705-	2.52948	11.7358
GPR135	TSS7004	chr14:59930235-	0.932955	0.117175
HYLS1	TSS29051,TSS	chr11:12575350-	4.13928	3.10313
POLD1	TSS17809,TSS	chr19:50887575-	6.31845	17.5057
AP1S1	TSS7367	chr7:100797685-	10.9896	24.8917
LSP1P3	TSS10833	chr5:28926976-	8.74505	1.4024
LOC145783	TSS5499	chr15:57178365-	0.307176	0.611451
TBC1D7	TSS31480	chr6:13305183-	1.8277	5.80782
NCOA3	TSS23716	chr20:46130600-	46.5905	31.4503
DACH2	TSS19220,TSS	chrX:85403454-	0.0246607	0.113467
SLC22A5	TSS34099	chr5:131705400-	1.4865	1.56528
HLA-DRA	TSS21017	chr6:32407618-	766.704	887.915
LDOC1L	TSS12191	chr22:44888445-	2.25564	3.28463
DYRK2	TSS5592	chr12:68042515-	16.7619	9.11193
KDM4A-AS1	TSS16708	chr1:44165408-	0.568458	0.406641
SRGAP2D	TSS25235	chr1:121107155-	2.78967	0.154437
LOC100507577	TSS27219	chr16:48389595-	0.872007	2.10456
PELI1	TSS25815	chr2:64319785-	19.2007	14.0366
EAF2	TSS19966	chr3:121554035-	5.56811	12.0814
PYCRL	TSS18838	chr8:144686085-	1.29493	9.80657
CXXC5	TSS23372	chr5:139028300-	42.4402	41.7656
LIPJ	TSS26038	chr10:90346515-	0	0.11441
BID	TSS23496,TSS	chr22:18216905-	7.43666	32.2626
PRIM2	TSS12838,TSS	chr6:57179602-	1.19828	6.35257
UNC5CL	TSS7781	chr6:40994639-	1.3516	0.632113
ZNF177	TSS10761,TSS	chr19:94736955-	2.23054	0.33183
CBX6	TSS9141	chr22:39257435-	9.9089	33.9136
UNC13D	TSS5089	chr17:73823305-	6.60315	9.05196
ATP1A2	TSS8625	chr1:160085515-	0	0.52808
TPH1	TSS8228	chr11:18042085-	0	0.37218

FOXP1	TSS12242,TSS	chr3:71003864-	20.2386	17.4187
PIK3CD-AS1	TSS31539	chr1:9712667-	1.08228	0.662787
HIVEP3	TSS13448,TSS	chr1:41972035-	0.212731	0.874978
ZNF107	TSS12139	chr7:64126460-	20.2534	12.0122
GFI1	TSS14893,TSS	chr1:92940317-	0.296872	0.0638561
LINC01024	TSS23104	chr5:13948250-	1.27834	0.317271
AGAP2-AS1	TSS29380	chr12:5812002-	1.21E-20	0.711931
ATP13A4	TSS5368	chr3:19311675-	0	0.0347276
SLC2A12	TSS11212	chr6:13430871-	0.744522	0.439532
APOL3	TSS23430,TSS	chr22:3653637-	14.8654	7.34107
TFB1M	TSS28492	chr6:15557726-	1.45408	4.75087
MST1P2	TSS24149	chr1:16972068-	0.979269	0.164451
LRRC69	TSS31765	chr8:92114846-	0	0.239441
SLC30A1	TSS14636	chr1:21174838-	2.36448	7.65557
PARP3	TSS33306	chr3:51976320-	3.51733	1.99902
DUT	TSS17999,TSS	chr15:4862362-	12.6695	24.1432
YBX3P1	TSS17576	chr16:3157908-	0.650563	4.65107
TMEM55A	TSS9662	chr8:92006501-	2.8337	1.60221
BARD1	TSS3516	chr2:21559036-	2.42871	2.96056
TAPT1	TSS16686	chr4:16162127-	11.2269	5.05286
SSH2	TSS12130,TSS	chr17:2795295-	10.7812	11.0147
MOB1B	TSS23900	chr4:71768056-	4.03065	3.07235
PFKP	TSS28562,TSS	chr10:3109711-	6.94218	35.8395
COA7	TSS13800	chr1:53152013-	4.0677	20.1757
UCKL1-AS1	TSS19155	chr20:6258473-	1.04566	0.345479
EIF5A2	TSS26680	chr3:17060620-	1.14908	1.56814
FAM41C	TSS23755	chr1:803450-8-	0.225403	0.221346
SPAG16	TSS23463	chr2:21414910-	2.30457	4.72983
TMPO-AS1	TSS32377	chr12:9890675-	0.138097	0.516247
USP9Y	TSS21139	chrY:14813159-	5.63939	3.3133
ZNF205-AS1	TSS10224	chr16:3160460-	1.1143	0.246696
MPHOSPH6	TSS9079	chr16:8218176-	5.26404	14.3407
CHFR	TSS18666	chr12:1334169-	9.35705	11.1418
LOC101928977	TSS30793	chr1:11646519-	0.641166	0.6559
BCR	TSS33369	chr22:2352255-	6.19202	4.61341
SDCBP2	TSS11446,TSS	chr20:1290554-	0.224232	0.900146
EXOC6B	TSS3525	chr2:72406443-	0.930042	2.33686
NCAPD3	TSS320	chr11:1340223-	2.57612	4.82358
ZNF362	TSS27786	chr1:33722173-	2.27899	2.17406
MAP9	TSS25647	chr4:15626381-	2.22324	2.45434
RIPK2	TSS24843	chr8:90769974-	2.68943	8.26995
BPHL	TSS23553	chr6:3118609-	2.0325	2.3906
AMMECR1	TSS22304,TSS	chrX:10943741-	1.65506	3.00519
RAB11FIP1	TSS4558	chr8:37716464-	6.43371	6.81037
ITPKB	TSS29362	chr1:22681939-	10.0148	5.72613
F8A2	TSS30487	chrX:15461176-	4.00E-07	2.11E-06
ATP2A1	TSS29554,TSS	chr16:2888980-	0.339065	0.151945
HLA-C	TSS7481	chr6:31236525-	405.843	481.283
FAM215A	TSS9718	chr17:4199457-	0.679432	0.105464
SPATA7	TSS26712	chr14:8885198-	0.523991	0.38469
LMO4	TSS12200	chr1:87794150-	5.60257	4.22472
LINC00641	TSS28525,TSS	chr14:2166823-	6.05983	3.63031
RSPH3	TSS22392	chr6:15939826-	1.28576	0.979556
KLHL5	TSS1145,TSS	chr4:39046450-	12.5541	7.97269
AEN	TSS20328	chr15:8916452-	4.9195	36.965

HS2ST1	TSS9641	chr1:87380334-	3.56782	6.43702
GPATCH4	TSS17788	chr1:15656409-	10.7354	67.0344
CTRL	TSS25087	chr16:6796347-	2.54529	1.71791
SLFNL1-AS1	TSS23689	chr1:41480261-	0.0629928	0.386994
ZNF737	TSS33874	chr19:2072079-	3.85833	1.78788
HLA-A	TSS17616	chr6:29910246-	322.211	394.348
WRNIP1	TSS5186	chr6:2765665-	11.3569	21.5686
SERPINB8	TSS29611	chr18:6163726-	5.32078	5.52674
ZNF318	TSS4509	chr6:43303807-	5.02637	9.33814
GSE1	TSS21323,TSS	chr16:8564502-	10.7303	5.14912
LINC00933	TSS18182,TSS	chr15:8511387-	0.165831	0.154284
CHTF18	TSS18635	chr16:838621-	2.72408	3.46664
QDPR	TSS9344	chr4:17488015-	1.16683	12.1276
SLC39A4	TSS229,TSS50	chr8:14563779-	0.905138	27.2888
HIP1	TSS28782	chr7:75162618-	1.00093	0.491687
FIGNL1	TSS5985	chr7:50511826-	3.43123	4.56081
WDR4	TSS24522,TSS	chr21:4426318-	4.41883	26.8397
NCKIPSD	TSS23472	chr3:48711271-	2.31269	2.54771
ACAT1	TSS10803	chr11:1079922-	6.27263	24.5323
GPR19	TSS20235	chr12:1281399-	0.634713	0.261172
LINC01435	TSS12590	chr10:1096313-	0	0.0584667
IPO7	TSS2036	chr11:9406168-	7.72482	24.4699
NMT2	TSS12424,TSS	chr10:1514777-	3.40746	2.75342
HOXB3	TSS111	chr17:4662623-	0.483222	0.317916
PVRIG	TSS25238	chr7:99816870-	8.86598	5.76408
PPP1R16B	TSS11476	chr20:3743434-	48.6382	26.148
HIST1H4J	TSS26070	chr6:27791902-	0.217179	3.05627
ALG1L2	TSS26877	chr3:12980067-	1.01988	0.889995
MCCC1	TSS4925,TSS6	chr3:18273300-	4.0468	8.67243
ABCD1	TSS9026	chrX:15299032-	1.2637	0.60901
ZNF670	TSS16703	chr1:24719793-	1.70765	1.68215
MFN1	TSS33020	chr3:17906547-	11.3008	23.0459
MKNK2	TSS21817	chr19:2037469-	84.8233	99.0486
WHAMMP1	TSS21903	chr15:3281204-	6.55793	4.27764
RPIA	TSS5934	chr2:88991175-	9.82631	60.7093
ADM5	TSS16746	chr19:5019194-	0.171447	0.779979
FAM87B	TSS19519	chr1:752750-7-	0.0820967	0.118075
TAGLN2	TSS26891,TSS	chr1:15988789-	129.953	198.477
LYRM9	TSS21836	chr17:2620533-	0.761199	1.03204
FAM126A	TSS19069	chr7:22980877-	5.1943	4.76617
MTHFD2	TSS17429	chr2:74425689-	29.8424	73.8869
SLFN12	TSS28419,TSS	chr17:3373794-	2.05519	1.55702
ZNF790	TSS2027,TSS2	chr19:3730922-	2.07168	2.00197
LOC730202	TSS5731	chr14:9696798-	1.70779	1.95793
DTX3L	TSS5282	chr3:12228318-	11.6593	10.784
LOC100630923	TSS3790	chr7:10200430-	3.2553	1.36631
SSX2IP	TSS1564,TSS3	chr1:85109389-	0.844146	1.28444
AXL	TSS4739,TSS5	chr19:4172510-	0	0.138764
GPT	TSS18534	chr8:14572946-	0.145484	0.0751151
ACY1	TSS12370	chr3:52017299-	0.707977	5.9538
SAMD9	TSS12137	chr7:92728825-	9.20105	5.28222
RFX3	TSS15759,TSS	chr9:3218296-	3.1142	2.68701
TDRD7	TSS33324	chr9:10017430-	6.4478	3.62622
HIBADH	TSS13196	chr7:27565058-	2.73177	5.37693
A1BG	TSS12895	chr19:5885817-	4.79617	4.3754



IFT57	TSS14150	chr3:107879658	6.92067	16.2555
G6PD	TSS21340,TSS	chrX:15375960	31.6893	122.363
CPTP	TSS27848	chr1:1260142	3.74455	7.23285
TAP1	TSS14318,TSS	chr6:32812985	15.3085	29.9501
ARHGAP4	TSS9370	chrX:15317282	11.0843	21.6169
DCTPP1	TSS17882	chr16:30435018	17.3138	132.105
YPEL2	TSS14256	chr17:57409052	11.9687	4.46969
DNAJC15	TSS13720	chr13:4359736	8.08497	14.2972
SLC25A29	TSS27724	chr14:10075744	6.34417	4.24112
B3GALT4	TSS25181	chr6:33244916	1.89324	2.35913
CAPS	TSS24490	chr19:5913654	3.45257	2.87554
PAQR8	TSS30663	chr6:52226925	1.74211	0.769402
LOC100129534	TSS3917	chr1:2281852	0.146893	0.237821
ALG1L9P	TSS19214	chr11:71505408	0.197563	0.377333
AMY2A	TSS15493	chr1:10415995	1.62991	0.262875
LCAT	TSS20283	chr16:67973786	1.26389	1.39959
TRIM7	TSS12207,TSS	chr5:18062092	0.0394229	0.296448
KLF6	TSS12712	chr10:3818187	45.6665	31.984
IFT22	TSS16700	chr7:10095664	0.831701	1.51102
MCTS2P	TSS28610	chr20:30135184	3.86602	6.96862
LOC645166	TSS16881,TSS	chr1:14892831	10.1793	7.79957
NFATC2	TSS11802,TSS	chr20:5000349	6.61208	3.86485
DBIL5P	TSS23655	chr17:655572	0.352666	0.125126
SGTB	TSS5946	chr5:64961754	4.83501	2.36203
ZEB1-AS1	TSS32121	chr10:31605456	1.24278	1.82996
NPM3	TSS17125	chr10:10354108	3.34421	130.273
GATSL2	TSS33619	chr7:74800771	1.19669	0.596656
RMI1	TSS15831	chr9:86595636	4.89951	4.85925
GRSF1	TSS2668,TSS3	chr4:71681498	8.59615	16.9503
GALC	TSS17566,TSS	chr14:8839935	1.57753	1.07942
HCG26	TSS6902	chr6:31439005	4.48361	2.07241
CAMK1D	TSS6228	chr10:1239154	8.59687	6.51314
CRHR2	TSS21287,TSS	chr7:30691558	0	0.0871023
TAF9B	TSS26288	chrX:77385244	3.23973	3.51905
WDR41	TSS12875	chr5:76728068	3.95765	8.76023
PHLDB3	TSS19775	chr19:43979254	3.32121	3.93584
RHBDL1	TSS7291	chr16:725665	0	0.0904622
HLA-J	TSS18170	chr6:29973747	19.1706	19.0002
LOC101593348	TSS29467	chr12:12271098	0	0.458123
IL4R	TSS3520	chr16:27325229	11.8108	10.5147
RPGRIP1L	TSS9310	chr16:53633156	0.185531	0.762946
CENPJ	TSS22051	chr13:2545641	3.72436	2.79089
HTR2C	TSS31143	chrX:11381855	0.00185338	0.0568174
KPNA2	TSS15787	chr17:6603184	6.86156	36.9189
SLC6A8	TSS24801,TSS	chrX:15295375	0.664865	0.416147
ZNF816	TSS4717	chr19:5345263	2.57872	3.87788
SLC19A1	TSS28921,TSS	chr21:46934628	0.414838	7.52922
ACADS	TSS22336	chr12:12116354	1.29662	4.42571
CCDC163P	TSS27737	chr1:45959597	0.17793	0.447834
RASA4B	TSS34218	chr7:10212358	1.40568	4.44535
F8A2	TSS18201	chrX:15468714	7.30E-07	2.08E-06
LOC653653	TSS6631	chr17:58179126	4.8466	6.55404
TBC1D10C	TSS6804,TSS8	chr11:6717138	43.9848	15.0932
SKP2	TSS21341	chr5:36152144	5.04356	5.72693
ABHD4	TSS6444	chr14:23067146	21.1989	17.0328

SESTD1	TSS34061	chr2:179966418	3.04577	1.32104
SLC38A5	TSS24816	chrX:48316919	2.34733	55.8224
RASGRP1	TSS18810	chr15:38780298	3.3084	2.3777
HEXA-AS1	TSS546	chr15:72668450	0.0996892	0.0128629
HIST2H2BF	TSS2852	chr1:149754244	9.3551	1.85318
ADAT3	TSS3246	chr19:1905370	1.8568	4.02733
MAGEH1	TSS14888	chrX:55478521	5.01504	7.57409
HSD17B7	TSS22310	chr1:16276049	5.19162	13.0439
GRINA	TSS32792	chr8:145064225	15.3249	23.9703
ANKRD42	TSS4761	chr11:82904780	3.37752	3.70532
PPME1	TSS5763	chr11:7388210	6.664	7.42806
SPSB3	TSS31373	chr16:1826712	43.5129	18.9922
LIG4	TSS1044,TSS1	chr13:10885979	5.45135	8.62046
MAMSTR	TSS16577,TSS	chr19:49215978	0.0231438	0.34054
TLR1	TSS22136	chr4:38797875	25.6275	19.198
F11R	TSS12012	chr1:160965000	4.98019	3.61194
ATXN1	TSS29821	chr6:16299342	2.26486	1.99156
S100A1	TSS8885	chr1:153600872	1.6568	0.378777
YES1	TSS2389	chr18:721591	0	0.121407
LOC101929715	TSS8158	chr2:10589853	1.45651	0.0451958
LEKR1	TSS10781,TSS	chr3:156544095	0.305618	0.163858
TAF1D	TSS14829	chr11:93469095	35.5525	45.2214
IRGQ	TSS22108	chr19:44088518	2.77679	3.5192
MMD	TSS29912	chr17:53469970	2.91939	3.77525
SNX10	TSS25806,TSS	chr7:26331514	20.9676	12.383
LRFN3	TSS5819	chr19:3642802	0	0.481088
SMARCA2	TSS22299,TSS	chr9:2015218	13.2253	13.8858
RRM2B	TSS15236,TSS	chr8:103216728	12.4725	10.9731
LOC283140	TSS8599	chr11:1121414	0.355195	0
LOC100129973	TSS24800	chr15:5247222	2.0946	0.357952
WARS2	TSS2977	chr1:119573838	2.03775	5.71323
CDH3	TSS25860	chr16:68678150	0.0405855	0.269231
CATSPER2	TSS1591,TSS2	chr15:43922759	0	0.205435
BAG2	TSS280	chr6:57037103	5.48398	11.7984
DYM	TSS32487	chr18:4657017	7.14818	12.0123
TMEM256-PLS	TSS20218	chr17:7293046	6.29503	4.60424
LBX2	TSS13600,TSS	chr2:74724643	0.356751	6.03E-08
MIR6723	TSS17727	chr1:567704	19024.2	5326.86
RMDN2	TSS14603,TSS	chr2:38152461	1.91818	0.62785
KCNAB3	TSS11417	chr17:7825176	0.309321	0.493065
CEP41	TSS11841	chr7:13003361	0.729891	1.1315
C16orf95	TSS30711	chr16:87336400	0.981936	0.400712
MAP3K13	TSS28076,TSS	chr3:185000728	5.06866	9.25926
LOC100129518	TSS5704	chr6:160181290	0.322677	0.187739
SLC25A43	TSS16353	chrX:11853325	5.13841	5.72522
SNHG1	TSS20093	chr11:62619459	43.7261	75.9167
NEDD4	TSS29586,TSS	chr15:56119110	0.197322	0.122171
LOC100506548	TSS8033	chr5:40825364	8.14051	7.00015
TSPAN14	TSS27944	chr10:8221403	11.2913	6.20501
ZBTB42	TSS31248	chr14:1052675	1.09058	1.23742
ATP6V0E2	TSS16863	chr7:149570056	2.41312	1.85117
OPHN1	TSS282	chrX:67262185	0.313012	0.933033
NRROS	TSS16608	chr3:196366560	10.0983	25.5377
COX17	TSS2409	chr3:11938837	23.4571	99.4456
CARD14	TSS14875,TSS	chr17:78143790	0.0284298	0.234646

PRH2	TSS13522,TSS	chr12:11081830	0.429352	0.0744037
KCND1	TSS19152	chrX:48818638	0.384597	0.00708665
ZMAT1	TSS18359	chrX:101137250	3.56258	1.1274
ZNF91	TSS31359	chr19:23540490	4.56452	5.26558
ZNF774	TSS5288	chr15:90895470	0	0.212505
FUOM	TSS8428	chr10:13516860	2.02935	14.0088
MSH2	TSS17548	chr2:47630205	4.19355	7.95615
SLC37A1	TSS29389	chr21:43919740	5.02768	7.012
MAMDC4	TSS28566	chr9:139746810	0.190965	0.221712
CDK2	TSS32622	chr12:56360550	8.82917	21.6106
SPATS2	TSS6766	chr12:49760680	5.72109	5.43628
SMC2	TSS7009,TSS8	chr9:106856540	5.04614	6.85685
ZNF79	TSS10422	chr9:130186650	2.28869	5.20401
GPR1-AS	TSS28564	chr2:207068090	0.195292	0.121378
ATAD5	TSS20890	chr17:29158980	1.26365	1.84481
HDAC11	TSS26566,TSS	chr3:135217140	2.15182	0.504426
IRF9	TSS13080	chr14:24630420	24.8233	16.0672
C1QTNF6	TSS5929	chr22:37576200	1.11409	0.7692
LOC339539	TSS6602	chr1:433232920	0	0.0624069
ALDH3A2	TSS14249	chr17:19552060	2.62996	4.44226
FAM53A	TSS29983,TSS	chr4:16416070	0.482938	0.122236
CAPN10-AS1	TSS745	chr2:241522160	1.06677	0.521993
C1QTNF3	TSS8819	chr5:340179620	1.07053	0.157947
C1orf112	TSS32919	chr1:169764540	1.55226	1.94868
MMS22L	TSS15174	chr6:975900360	0.855943	1.4159
CBX5	TSS29878,TSS	chr12:54624730	8.04155	7.13103
WDR54	TSS3090	chr2:746488840	4.72691	8.04117
LINC00663	TSS27082	chr19:19867180	1.55089	0.322167
GPR3	TSS9712	chr1:277191470	0.149862	0.248674
FOXD2	TSS29773	chr1:479016880	0.0462423	0.107361
FAM117B	TSS27696	chr2:203499900	8.57394	5.95665
ZNF514	TSS22882	chr2:958133990	4.31027	1.50884
ZNF878	TSS18044	chr19:12154610	0.966865	0.20529
SPATA13	TSS1324,TSS2	chr13:24553760	9.05717	3.13827
PDLIM2	TSS26097,TSS	chr8:224362530	5.52374	8.16664
SYTL1	TSS4599	chr1:276684820	9.75502	7.54132
GSTM4	TSS1588	chr1:110198690	1.78015	20.3541
SGSH	TSS1557	chr17:78183070	2.25985	3.94328
FAM102A	TSS2276,TSS6	chr9:130702860	46.8232	21.1605
C6orf163	TSS345	chr6:880545700	0	0.482836
MBNL2	TSS30000,TSS	chr13:97874540	12.6111	4.41891
SCARNA9	TSS9434	chr11:93454670	48.8401	5.34554
ZNF626	TSS3701	chr19:20802740	6.4562	5.20332
ZNF571	TSS27838	chr19:38055150	1.68376	1.53118
PANX1	TSS23746	chr11:93862090	1.5226	4.97549
INPP4A	TSS18597	chr2:990613200	4.13835	3.52848
GLI1	TSS33719,TSS	chr12:57853910	0.270957	0.279567
GUSBP9	TSS26700	chr5:698120780	0.695912	2.02691
NUDT13	TSS28498	chr10:74870130	0.38065	0.571493
FAHD2CP	TSS20538	chr2:966762980	2.19444	1.65776
CRY1	TSS28279	chr12:10738510	4.09292	4.293
ARHGEF38	TSS1349	chr4:106473770	0.0945957	0.0990952
SMCO4	TSS16311	chr11:93211630	2.32024	2.82031
SCNN1D	TSS19468	chr1:12158150	0.626882	0.50839
HIST4H4	TSS19974	chr12:14923650	7.26214	0.658765

RGPD1	TSS20224	chr2:88055478-	1.00517	1.57024
TM7SF3	TSS14012	chr12:2712450!	2.77544	3.79763
PODNL1	TSS21504,TSS	chr19:1404199!	0	0.112324
DSN1	TSS17797,TSS	chr20:3538019!	3.81279	4.98168
BTG2	TSS8648	chr1:20327466!	151.437	100.307
LOC606724	TSS34142	chr16:3020000!	5.0868	2.33177
POM121L10P	TSS17267	chr22:2504113!	0.167085	0.0516398
SPRNP1	TSS29691	chr10:1353804!	0.120591	0.0466873
FAHD2A	TSS34191	chr2:96068447-	1.10562	4.05257
SPATA32	TSS12516	chr17:4333175!	0.44768	0.115645
DDX11L2	TSS23814,TSS	chr2:11435660!	0.655584	0.27444
ZNF727	TSS30429	chr7:63505820-	0.807662	0.527391
MTHFD1	TSS1875	chr14:6485475!	2.53703	20.1015
CHCHD6	TSS2644	chr3:12642306!	2.44215	15.471
TGIF1	TSS10647,TSS	chr18:3411924-	33.6656	24.659
TMEM241	TSS544	chr18:2087597!	0.841139	4.52177
SH2B3	TSS15734,TSS	chr12:1118437!	16.2099	12.4919
SGCB	TSS18957	chr4:52886860-	2.46377	1.21235
CCDC85C	TSS21289	chr14:9997760!	0.885218	0.505362
FAM86FP	TSS26585	chr12:8383644-	0.243495	0.184128
USP26	TSS11878	chrX:13215950!	0	0
PTK2B	TSS1268,TSS1	chr8:27168998-	28.915	41.1758
CEP57L1	TSS13344,TSS	chr6:10941635!	0.533483	0.769085
CCPG1	TSS31989,TSS	chr15:5564742!	20.8058	8.19898
CASP10	TSS12936,TSS	chr2:20204760!	6.13113	1.91706
ZNF485	TSS30637	chr10:4410185!	0.794797	4.53062
ZNF426	TSS10267,TSS	chr19:9638680-	6.47269	3.8581
CHAMP1	TSS31203	chr13:1150799!	7.21386	6.51365
BORA	TSS32556,TSS	chr13:7330188!	1.85977	4.13085
SLC5A3	TSS1796	chr21:3544582!	6.94863	5.14505
PTK6	TSS22792	chr20:6215977!	0	0.173209
SLFN5	TSS33068	chr17:3357008!	1.58206	0.496949
LINC01144	TSS28184	chr1:45769581-	0.378164	0.334761
POLN	TSS30268	chr4:2073684-	0.359892	0.0221952
SLC39A9	TSS13697,TSS	chr14:6986509!	11.0222	13.496
CORO1C	TSS17598,TSS	chr12:1090388!	10.7428	26.7443
RNF187	TSS33770	chr1:22867506!	9.00956	16.6466
HMBS	TSS19362,TSS	chr11:1189555!	0.818468	15.7897
PIK3CG	TSS15029,TSS	chr7:10650572!	8.88565	7.38149
LRRC75A	TSS18118	chr17:1634531!	0.848837	0.941715
DUSP3	TSS9633	chr17:4184348!	2.04503	7.19621
CLDND1	TSS27168	chr3:98234316-	15.8201	26.4563
3-Mar	TSS26260	chr5:12620340!	4.19086	2.2344
EVL	TSS24613	chr14:1005317!	34.5389	48.7207
STAG3L1	TSS4584	chr7:72467817-	2.54E-05	0.184761
C17orf67	TSS26104	chr17:5486927!	1.76218	1.03223
GP2	TSS268	chr16:2032089!	0.013699	0.0922739
SLC9A7	TSS10353	chrX:46458685!	10.0658	6.91339
C16orf46	TSS33620	chr16:8108710!	0.313797	0.95786
SORL1	TSS18651	chr11:1213229!	9.08487	14.0852
HSD17B8	TSS16480	chr6:33172413-	0.553482	9.63747
SNHG25	TSS15415	chr17:6222332!	0	537.282
RBMS1	TSS10502	chr2:16112866!	4.92278	4.79745
PINK1	TSS7817	chr1:20959947-	9.95451	4.41537
LOC10041958!	TSS26107	chr15:4502118!	7.66502	5.9528

VSIG10L	TSS23509	chr19:51834794	0.487395	0.340441
INCENP	TSS29923	chr11:61891444	4.72923	4.61188
CEP83-AS1	TSS3425	chr12:94853778	0	0.040359
RHOF	TSS1721	chr12:12221568	13.7011	17.407
MTRF2	TSS6039	chr6:136552167	0.186887	2.3825
MED14OS	TSS2979	chrX:40594647	2.62995	0.881132
TALDO1	TSS13569	chr11:7474317	390.287	698.036
CDH4	TSS16456,TSS	chr20:59827487	0.189546	0.0460882
LOC101928020	TSS223	chr2:210894648	2.21265	0.446145
GOLGA6L22	TSS12646	chr15:23403868	0	0.0595716
STIM2	TSS30303	chr4:26862312	6.38725	3.49583
FAM226A	TSS3278	chrX:72161567	0.988693	0.487229
DPP10	TSS10089,TSS	chr2:115199898	0.120906	0.0559249
KNTC1	TSS8802	chr12:12301180	4.55808	3.54675
AHCY	TSS17793,TSS	chr20:32868070	16.3058	97.7871
ADAM9	TSS24437	chr8:38854504	0.790599	1.34301
IL10RB-AS1	TSS17926	chr21:34637930	3.84919	3.64064
MAGED2	TSS10271,TSS	chrX:54834031	45.6749	32.703
HIST2H4A	TSS4554	chr1:149832329	6.58462	2.32337
ZNF416	TSS33701	chr19:58082930	2.06471	3.76211
WDR77	TSS18664	chr1:111982517	10.5934	39.4214
CDIP1	TSS17056,TSS	chr16:4560676	13.9301	23.4044
EPB41	TSS8868,TSS9	chr1:29213602	54.8417	28.0927
ZNF461	TSS27487	chr19:37128282	2.38535	2.22522
ZNF833P	TSS9106	chr19:11784812	0.0454798	0.0408909
PNPLA7	TSS31063	chr9:140354400	0.851965	0.666346
FUT2	TSS12536	chr19:49199227	0.477052	0.0556498
KLHL24	TSS31952	chr3:183353410	25.5984	8.05638
KLHL6	TSS19743	chr3:183205318	11.7838	5.62625
TUBA1B	TSS9631	chr12:49521560	93.863	429.231
VAT1	TSS9513	chr17:41166627	20.4493	12.8417
FASN	TSS19614	chr17:80036210	3.22357	42.2314
DISP1	TSS13756	chr1:222988430	1.31467	0.913398
ARAP2	TSS20386	chr4:36067619	10.3807	5.3419
LOC101928767	TSS15388	chr14:86401027	1.89629	0.736055
NPIPA3	TSS15149	chr16:14844669	7.02106	0.0292776
WHSC1	TSS27536,TSS	chr4:18731227	6.24902	6.3989
CDC14A	TSS4731	chr1:100818022	3.7528	1.5203
ERI1	TSS19893	chr8:88603138	4.85063	4.69345
MYLIP	TSS8002	chr6:16129316	9.934	5.58959
FSD2	TSS20828	chr15:83424110	0.439887	0.56337
ZNF658	TSS17892	chr9:40771401	1.11485	0.604119
CCDC120	TSS1352,TSS2	chrX:48910960	1.34116	2.0773
TIPIN	TSS17680	chr15:66629007	2.47108	14.3565
AAED1	TSS2297	chr9:99403532	9.33441	6.66982
CASP8	TSS20079,TSS	chr2:202098168	37.3808	15.7856
APOO	TSS21830	chrX:23851464	1.60434	10.8455
GGN	TSS11772	chr19:38874997	0.104891	0.0324886
CBR1	TSS15119	chr21:37442227	8.48616	27.9525
SEC14L1	TSS21470,TSS	chr17:75084724	15.3662	9.39973
CASC1	TSS7847	chr12:25261222	0.174656	0.160005
PIM2	TSS28837	chrX:48770458	35.4105	55.4835
HIST2H2BA	TSS33227	chr1:120906030	6.4517	2.23122
LOC100505666	TSS20087,TSS	chr1:155017667	0.290639	0.144018
DCDC2B	TSS7164	chr1:32674694	0.0705128	0.136598

SMIM20	TSS21999	chr4:25915813-	10.2313	14.6463
GLB1	TSS18282,TSS	chr3:33038099-	9.22923	9.94151
PCDH12	TSS22607	chr5:141323149	0.730216	0.534771
SLC16A1	TSS17800,TSS	chr1:113454469	4.43219	20.0774
LINC00869	TSS4002	chr1:144300467	9.85168	11.8817
TMTC4	TSS15581	chr13:10125608	0.825789	3.5975
XYLT2	TSS34001	chr17:48423392	2.4645	4.31517
APOBEC3D	TSS27473	chr22:39417117	5.29995	4.11349
MCM3	TSS29052	chr6:52128811-	16.7947	40.1799
FLT3LG	TSS13391,TSS	chr19:49977469	6.23378	4.03859
DNAJC28	TSS22776,TSS	chr21:34860367	1.33705	0.146209
HIST2H4A	TSS30583	chr1:149804220	6.58462	2.32337
FBXO5	TSS26264,TSS	chr6:153291657	4.65223	5.79558
EFCAB2	TSS26139,TSS	chr1:245133170	1.08078	2.66308
PITPNC1	TSS16844	chr17:65373396	1.9771	1.43962
ASMTL-AS1	TSS878	chrY:1469423-	0.505326	0.558043
NFE2L1	TSS12163	chr17:46125689	25.7532	31.4643
BLM	TSS6885	chr15:91260557	2.76576	3.02953
FTL	TSS21838	chr19:49468569	2798.34	2904.08
ZNF575	TSS27610	chr19:44037339	1.67364	0.188181
SNX20	TSS4654	chr16:50700210	7.30641	5.39587
EVA1B	TSS27102,TSS	chr1:36787630-	2.55279	2.81109
PTPN7	TSS25239,TSS	chr1:202116140	8.37118	14.4345
CEL	TSS22256	chr9:135937364	0.469638	0.0695732
WVOX	TSS5360	chr16:78133309	0.759472	2.50145
DDB2	TSS9945	chr11:47236492	13.7052	15.8946
PIK3C2B	TSS14165	chr1:204391757	6.21021	12.3648
MMP24	TSS3318	chr20:33814538	0.830791	0.187938
NHLH1	TSS1708	chr1:160336860	0.923647	0.39128
HHLA3	TSS25085	chr1:70820492-	1.38603	5.09653
DNAJB7	TSS15215	chr22:41255559	0	0.207898
TBC1D3C	TSS12466	chr17:36283976	3.37669	9.03E-05
FEN1	TSS18466	chr11:61560108	5.36326	22.1926
CSRP1	TSS11486,TSS	chr1:201452657	2.71368	12.9552
TLE3	TSS1909,TSS2	chr15:70340129	30.9908	28.7991
CALU	TSS29830	chr7:128379349	2.86802	7.93489
NCAPD2	TSS3289	chr12:6603297-	5.38042	10.3494
LOC100289495	TSS32308	chr6:166756118	0.356616	0.120755
ZNF516	TSS22949	chr18:74069636	2.89304	2.00965
RNFT2	TSS16550	chr12:11717609	1.05326	0.862627
CHRNA5	TSS3926	chr15:78857867	0.328001	1.08308
PLG	TSS32524	chr6:161123224	0.0457573	0.056575
MDM2	TSS20833,TSS	chr12:69201957	13.3387	36.7289
TMEM44	TSS6501	chr3:194308407	0.248688	0.44447
C9orf163	TSS24121	chr9:139377946	0.311867	0.0547063
ZNF106	TSS32262,TSS	chr15:42704634	6.92968	9.40312
TTC12	TSS20673	chr11:11318529	2.21231	4.01194
PPAT	TSS5783	chr4:57259528-	2.46485	10.2595
TP73-AS1	TSS14588,TSS	chr1:3652547-	3.71006	3.07096
ZNF821	TSS6989,TSS9	chr16:71893582	6.33095	1.7258
SNRK	TSS18705	chr3:43328003-	8.53255	5.4648
DENND2D	TSS34114,TSS	chr1:111728590	2.68165	11.3864
GABBR2	TSS13604	chr9:101050369	0	0.0368743
ADCY7	TSS17276,TSS	chr16:50300450	21.8765	16.3208
DYNC2LI1	TSS17226	chr2:44001177-	2.80077	4.00033

LOC100507557	TSS12924,TSS	chr6:146056004	0.438521	0.256043
LINC00562	TSS28169	chr13:48504287	0.271508	0.448452
SNX8	TSS3819	chr7:22914047	12.7147	21.8346
TTC26	TSS31044	chr7:138818489	0.785837	2.06797
SLC12A6	TSS10301,TSS	chr15:34522196	26.7245	17.1569
ADCY3	TSS33321	chr2:25042038-	2.0119	9.99533
IER5	TSS9989	chr1:181057637	36.6635	42.1586
AGAP3	TSS13658,TSS	chr7:150782917	2.07093	2.28522
AFMID	TSS520	chr17:76183397	2.23802	8.62188
IFT172	TSS11957	chr2:27667239-	1.14103	0.943576
LOC102723439	TSS27734	chr10:76266259	0	0.369711
LOC440300	TSS12302	chr15:84860599	0.17354	0.25159
CSMD2	TSS14368,TSS	chr1:33979598-	0.0482926	0.0579127
RAD54B	TSS10302,TSS	chr8:95384187-	0.0745912	1.36608
TM4SF19-AS1	TSS1889	chr3:196045202	0	0.0960752
LDLR	TSS10222	chr19:11200037	0.37305	5.50554
SCARB2	TSS19471	chr4:77079891-	5.01213	3.97706
C17orf53	TSS8580	chr17:42219277	0.407657	0.63156
SULT1A4	TSS32666	chr16:29471206	7.28957	3.22869
SMC4	TSS29203,TSS	chr3:160117097	10.5904	12.5635
OAZ3	TSS17701,TSS	chr1:151735444	1.13E-238	0.113036
RELT	TSS10106,TSS	chr11:73087404	18.1365	12.7945
NPB	TSS1303	chr17:79860077	0	0.0718782
C18orf54	TSS19543,TSS	chr18:51884286	0.95091	0.530564
SLAMF6	TSS19379	chr1:160454819	11.1823	5.7611
CECR5	TSS10372,TSS	chr22:17618409	6.70864	28.7039
UTRN	TSS33596	chr6:144612872	10.357	5.27435
ASAH1	TSS13881,TSS	chr8:17913924-	21.0558	38.9175
NOP16	TSS7569	chr5:175810939	9.28481	126.328
VILL	TSS28239	chr3:38035077-	4.16872	3.46127
ISG20	TSS19228,TSS	chr15:89178867	62.227	36.4191
FLJ38576	TSS2765	chr4:187110189	0	0.154896
LOC641367	TSS16709	chr19:21933546	0.632791	0.0574705
EDARADD	TSS12459,TSS	chr1:236557679	25.0168	189.23
CARD6	TSS4716	chr5:40841409-	0.816848	1.06736
DENND5A	TSS15727	chr11:9160374-	18.8107	11.079
CENPK	TSS14125	chr5:64813592-	2.74487	3.24074
LOC100507250	TSS32785	chr12:69068150	0.560349	0.268682
ZNF253	TSS26599	chr19:19976717	5.65047	3.70773
ZNF728	TSS12694	chr19:23157684	0	0.168156
NEDD9	TSS13774,TSS	chr6:11183530-	2.1924	4.2785
ZNF439	TSS24104	chr19:11976847	7.16634	4.45819
TMED8	TSS15317	chr14:77808117	6.72951	10.1187
LOC729603	TSS16650	chr6:160514117	0.998612	0.896401
LINC01483	TSS28206	chr17:67590127	0	0.728243
C1QTNF3-AM1	TSS1394	chr5:33987090-	1.80E-34	0.0844962
FAM131A	TSS21444,TSS	chr3:184053716	3.18532	1.95596
LOC101929231	TSS1309	chr2:150443877	0.00431198	1.58719
AUH	TSS23145,TSS	chr9:93976096-	3.80802	3.91343
RORA-AS1	TSS432	chr15:60771376	1.8605	1.68129
SAMD9L	TSS29162	chr7:92759366-	8.94166	3.71645
KIAA1147	TSS3865	chr7:141356527	9.82757	8.39025
LOC101927865	TSS25476	chr2:208051417	0	0.024844
RBFOX3	TSS24879	chr17:77085426	0	0.0038105
LINC01215	TSS11158,TSS	chr3:107843910	16.909	10.6637

CDC7	TSS12984,TSS	chr1:91966403-	1.1465	1.99649
BLZF1	TSS11282	chr1:16933719-	2.48285	2.74848
SNRPD2P2	TSS30045	chr1:23161150-	0	0.034927
CCDC154	TSS486	chr16:1484388-	0.164758	0.159471
TXNRD1	TSS21591,TSS	chr12:1046095-	163.674	212.933
CD3EAP	TSS20985	chr19:4590946-	2.42723	6.12404
ZP3	TSS5968,TSS8	chr7:76026840-	1.99257	1.81379
METTTL21B	TSS9204	chr12:5816638-	0.460625	0.331132
MAGOH2P	TSS21094	chr17:1061925-	4.78194	0.852436
AP3M2	TSS21295	chr8:42010463-	3.05653	3.53229
AMPD3	TSS13013,TSS	chr11:1047186-	8.16134	6.21242
DUXA	TSS1406	chr19:5766309-	0	0.162413
TFEB	TSS10728,TSS	chr6:41651715-	23.356	35.5494
BRCA2	TSS5663	chr13:3288961-	2.01438	1.44637
IFT140	TSS2188	chr16:1560427-	0.735612	1.40418
BSN	TSS11849	chr3:49591921-	0.319486	0.145035
POLD2	TSS16053,TSS	chr7:44154278-	12.6301	100.001
GRK4	TSS10543	chr4:2965342-	0.152521	0.303712
OGFRP1	TSS4733	chr22:4266575-	0	0.69097
PFAS	TSS1897	chr17:8152595-	2.54888	22.7266
FDPS	TSS14245,TSS	chr1:15527853-	21.2371	116.52
LOC100422556	TSS13894	chr15:5221115-	0	0.561273
LSP1	TSS14845,TSS	chr11:1874199-	177.202	79.0252
MC1R	TSS11969	chr16:8998428-	0.668266	0.583336
HEATR5A	TSS17899	chr14:3176099-	1.66486	2.1069
PXK	TSS31550	chr3:58318616-	19.9278	16.055
SLC12A9	TSS4034	chr7:10045034-	8.27418	8.80377
ZNF891	TSS24373	chr12:1336965-	1.81492	1.52616
MYO1D	TSS11490	chr17:3081953-	3.68897	4.66683
CROCC	TSS21522	chr1:17248444-	5.09242	3.70874
GINS3	TSS23378	chr16:5842629-	2.42573	4.86752
MTMR8	TSS33669	chrX:63487960-	0.869167	0.914448
FSCN2	TSS19237	chr17:7949541-	0.221836	0.209424
GBP3	TSS3998	chr1:89472359-	3.87716	1.48824
ZNF649	TSS10662	chr19:5239248-	2.10715	2.68635
MICAL3	TSS25659,TSS	chr22:1827041-	10.6836	6.89758
LOC729867	TSS21000	chr1:16017198-	2.26118	0.560226
GRM6	TSS10492	chr5:17840532-	0	0.0275237
ZNF486	TSS12767	chr19:2027802-	4.8967	4.02195
LINC00854	TSS14861	chr17:4137343-	1.92922	1.29397
PPAN-P2RY11	TSS24014	chr19:1021689-	4.14551	0.00154819
CCDC102B	TSS1837,TSS2	chr18:6638249-	0.344109	0.141034
DIRC2	TSS13346	chr3:12251390-	3.3404	0.967068
L3MBTL1	TSS12985,TSS	chr20:4213631-	1.26663	0.809951
FOXO1	TSS20591	chr13:4112980-	12.9623	6.57419
TRAIIP	TSS11671	chr3:49866027-	1.52634	1.99896
C11orf24	TSS6151	chr11:6802880-	5.90241	16.1756
TPI1P2	TSS1330	chr7:12869527-	0.405558	0.247181
GLRX	TSS28349	chr5:95149552-	17.3505	41.6688
LOC115110	TSS24076	chr1:2481358-	0.854886	1.84048
UBA7	TSS23054	chr3:49842637-	12.7214	5.41332
ST3GAL1	TSS29994	chr8:13446709-	6.57446	3.235
OSCP1	TSS26923	chr1:36883506-	0.779744	0.293085
CD27-AS1	TSS27799	chr12:6548166-	2.30439	1.79299
C1QTNF9	TSS24110,TSS	chr13:2488130-	0.180036	0.0389025



RNF5	TSS14578	chr6:32146161-	6.45E-05	1.50705
LOC100288798	TSS26534,TSS	chr12:46777458-	3.73117	0.957383
LOC100379224	TSS27255	chr19:44609497-	2.96E-07	0.11482
TONSL-AS1	TSS19758	chr8:145660550-	0	0.0313869
ZNF358	TSS12415	chr19:7581003-	2.96393	6.19931
KLB	TSS2430	chr4:39408472-	0.105786	0.147346
FAM27E2	TSS28920	chr9:46116942-	0	0.531702
CPB2-AS1	TSS14049	chr13:46626982-	0	0.119291
MVP	TSS1873,TSS2	chr16:29831714-	19.555	24.7704
GDPGP1	TSS19074	chr15:90777486-	0.985513	0.763656
LOC102724009	TSS26751	chr17:4922509-	0	0
EXOC1	TSS9771	chr4:56719815-	12.2393	8.66891
TNRC6C-AS1	TSS19270	chr17:76103482-	3.6382	2.56454
FBXL5	TSS10434	chr4:15606006-	7.53951	6.34442
PRKAR1B	TSS15110,TSS	chr7:588833-76-	1.25722	25.9801
ANO10	TSS26851	chr3:43407817-	2.60445	2.35374
TCF7L1	TSS2858	chr2:85360582-	1.22745	0.244846
RFC4	TSS12911,TSS	chr3:18650768-	7.08174	16.1446
PRC1-AS1	TSS29509	chr15:91509598-	0.469962	2.42E-149
CTAGE15	TSS23963	chr7:143268892-	0.359633	0.533277
DDX58	TSS29079	chr9:32455299-	4.15196	2.1515
JOSD2	TSS18361,TSS	chr19:51009252-	6.01544	13.4069
PRRG2	TSS15320	chr19:50084586-	0	0.447748
LOC101928650	TSS29012	chr1:170430457-	0	0
MCM6	TSS3800	chr2:136597195-	5.38981	21.3284
PDF	TSS13548	chr16:69362522-	3.47185	16.6561
MGME1	TSS4865	chr20:17949767-	6.38009	8.08589
GOLGA8A	TSS18963,TSS	chr15:34671269-	9.40296	13.4522
LINC00852	TSS27145	chr3:10326102-	2.62024	2.47548
MAPK8IP1	TSS33160	chr11:45907046-	1.48202	0.233687
TEX22	TSS24057	chr14:10586497-	0.398828	0.0939751
KCNAB1	TSS10915,TSS	chr3:155838336-	0.0519691	0.260146
DNAH1	TSS28822	chr3:52350334-	1.25962	0.735059
ITGAE	TSS25189	chr17:3617918-	2.11049	1.70044
LOC100506083	TSS16788	chr16:70349542-	0.295559	0.44886
HIST1H4K	TSS27825	chr6:27798951-	0.219402	2.91629
TRIM5	TSS26960	chr11:5684424-	7.85678	13.1958
BEND3	TSS33896	chr6:107386382-	0.610033	3.66204
PKP4	TSS23683	chr2:159313397-	7.36287	4.7786
LINC00336	TSS17842	chr6:33553882-	0	0.0499143
PARPBP	TSS4796	chr12:10251395-	0.404975	1.1102
RUFY3	TSS12035,TSS	chr4:71570653-	11.0921	6.29077
ERBB2	TSS11907,TSS	chr17:37844336-	0.989292	0.473206
LINC01232	TSS25450	chr13:10013927-	0.353652	0.332599
ITPR2	TSS24087	chr12:26488269-	5.24563	4.26175
UBE2E1	TSS12238,TSS	chr3:23847383-	16.3941	41.1321
ANXA2	TSS13886	chr15:60639349-	31.9201	34.2842
ZNF709	TSS30201	chr19:12571997-	1.75988	1.26532
HERC2P4	TSS21182	chr16:32181362-	0.820284	0.324607
2-Mar	TSS3086	chr19:8478186-	7.99279	3.78103
ZC3H12B	TSS14109	chrX:64708614-	0.976342	0.778225
NLN	TSS28710	chr5:65018022-	2.31695	5.81682
MDK	TSS14203,TSS	chr11:46402332-	4.79149	1.41982
FAM66C	TSS22472	chr12:8332804-	0.382272	0.126485
LRP8	TSS29530	chr1:53708040-	3.3131	8.30711

C9orf116	TSS17488	chr9:138387025	2.20863	0
GGCT	TSS21875	chr7:30536236-	7.20355	33.9799
FN3K	TSS4787	chr17:8069345-	0	0.0255051
AJUBA	TSS5493,TSS9	chr14:23440382	0	0.178603
ZRANB3	TSS12176,TSS	chr2:135954538	0.307058	0.827057
FBXO36	TSS33673	chr2:230787206	0.0472288	0.329059
FANCB	TSS2386	chrX:14861528-	0.689666	0.84057
SHMT1	TSS2328	chr17:18231170	2.35597	4.79317
TMEM106C	TSS8541	chr12:48357329	5.28595	9.53929
TNFRSF6B	TSS22305	chr20:62328000	0.506089	0.325951
TMPRSS9	TSS16181	chr19:2389783-	0.166035	0.353769
SPN	TSS10126,TSS	chr16:29674270	0.365021	2.74799
HEXIM1	TSS30713	chr17:43224680	16.0702	13.3589
MIB1	TSS32325	chr18:19321289	4.92806	4.60402
LOC100131347	TSS14359	chr17:3721327-	0	0
ST6GALNAC4	TSS29706	chr9:130670164	24.0209	28.0069
PMEL	TSS14043,TSS	chr12:56347888	0	0.322749
ASMTL-AS1	TSS17763	chrX:1519423-	0.501472	0.710725
STK3	TSS3097,TSS3	chr8:99466858-	2.44592	3.16111
SH3GL1P1	TSS5422	chr17:30367354	0.796144	0.427537
ADPGK-AS1	TSS27120	chr15:73075175	0.270136	0.200483
MSH3	TSS15099	chr5:79950466-	1.21506	2.77032
SEC24A	TSS14030	chr5:133984474	4.30911	5.64786
PLA2G4D	TSS4436	chr15:42359880	0	0.0661048
GYPC	TSS1618	chr2:127413510	9.5962	17.0496
ORAI2	TSS20138	chr7:102073976	25.5579	22.725
GALNT10	TSS30327	chr5:153570294	6.09412	15.4646
SLC35F2	TSS13776	chr11:1076617-	3.99811	14.0558
FAM27E2	TSS3372	chr9:46385603-	0	0.576921
TCAF2P1	TSS267	chr7:143339346	1.466	0.749034
ALMS1-IT1	TSS25123	chr2:73684229-	0.104592	0.364546
OXCT1-AS1	TSS12277	chr5:41870131-	0	5.50E-12
FCRLB	TSS14332,TSS	chr1:161691330	0.805351	1.34254
DBP	TSS7392	chr19:49133816	3.3973	2.39561
LINC00379	TSS32992	chr13:91779866	0	0.0808744
ALDH18A1	TSS24225	chr10:97365685	5.29669	27.6173
PECR	TSS23627	chr2:216903110	2.19759	0.926633
NLRC3	TSS28045	chr16:3589035-	12.7722	4.17565
P2RY10	TSS22237	chrX:78200828-	30.3316	24.1295
ITGAL	TSS20963	chr16:30483982	7.93937	8.62571
LOC286437	TSS34000	chrX:103366990	4.45722	3.73625
EIF2AK3	TSS6651	chr2:88856258-	21.7625	11.8799
FAM86B3P	TSS8363	chr8:8086091-8	1.14928	2.58083
TONSL	TSS15737	chr8:145654162	2.87662	3.53975
EFCAB5	TSS2896,TSS4	chr17:28256870	0.811926	0.11724
PLEC	TSS11260,TSS	chr8:144989314	29.9819	14.8948
ZNF252P-AS1	TSS11675	chr8:146228196	0.0815032	0.315444
PPFIA3	TSS21519	chr19:49622645	0.355409	0.455309
SLC7A11	TSS21933	chr4:139085247	4.18231	16.89
UCP3	TSS18349	chr11:73711325	1.24072	0.76652
SIPA1L1	TSS19421,TSS	chr14:71996028	9.72261	10.1245
ZNF705E	TSS8171	chr11:71525090	0	0.0492809
USP40	TSS32734	chr2:234384164	2.16116	3.91608
HECA	TSS15573	chr6:139456248	28.2236	10.9262
ZNF320	TSS6336	chr19:53379424	2.53107	3.80557

RACGAP1P	TSS10960	chr12:45456400	1.26686	1.11321
ZWILCH	TSS21043	chr15:66797420	4.5945	6.68379
LINC01530	TSS12097	chr19:52095030	1.11737	0.715543
SLC17A7	TSS28226	chr19:49932650	0.133568	0.183816
LINC00266-3	TSS14389	chr6:140263-10	0.150781	0.117523
PTTG3P	TSS269	chr8:67679631-	0	0.65863
NEDD4L	TSS16087,TSS	chr18:55711600	1.1395	1.59128
ERCC6	TSS18257	chr10:50662520	2.84635	1.28481
PTCH1	TSS17387,TSS	chr9:98205263-	0.722119	0.323464
DFNB59	TSS29764	chr2:179316160	0	0.203034
SLC25A24	TSS13375,TSS	chr1:108677340	9.42841	7.09121
RNF24	TSS10328,TSS	chr20:3912068-	3.35036	1.48604
FUT10	TSS20676	chr8:33228343-	0.567376	0.305502
SEC11C	TSS7727	chr18:56807080	52.5735	108.646
PSD	TSS13233,TSS	chr10:10416230	0.558862	0.17063
UBR5-AS1	TSS1683	chr8:103251670	4.62732	1.85781
SEMA4G	TSS22989	chr10:10273220	0.544432	0.229994
GPD1	TSS29685	chr12:50497600	0	0.0793412
DDIT4	TSS20015	chr10:74033670	9.07222	34.3603
PROCA1	TSS12212,TSS	chr17:27030210	2.66736	2.18037
GALNT4	TSS25805	chr12:89913180	3.7138	2.22736
RAB11FIP4	TSS14912,TSS	chr17:29718640	9.9274	8.40417
RHOC	TSS12239,TSS	chr1:113243740	13.4678	16.2
LOH12CR2	TSS32548	chr12:12508340	0.668771	0
PLK3	TSS4968	chr1:45266035-	9.66497	9.05951
GNG2	TSS8707	chr14:52327020	6.31365	6.65481
HLA-DPA1	TSS17317,TSS	chr6:33032345-	119.673	229.952
DNM1P41	TSS10427	chr15:85045800	0.0337752	0.146934
TIGD4	TSS24358	chr4:153690500	0	0.224031
LOC100506127	TSS31583	chr11:76092350	0.362403	0.426654
LOC100288123	TSS12552	chr19:18220870	0.163832	0.50608
ZNF804B	TSS16602	chr7:88388681-	0	0.00952419
KLHL21	TSS12691	chr1:66507830-	38.5187	20.2543
TMEM177	TSS4296	chr2:120436740	1.68897	4.84097
MAGED4B	TSS26572	chrX:51927918-	0.843055	0.620927
ZNF573	TSS13574	chr19:38229200	1.68676	1.77056
RECK	TSS28289	chr9:36036909-	0.923207	0.874113
GFOD1	TSS1673,TSS1	chr6:13363586-	2.21903	7.36211
ZC3H12D	TSS4665	chr6:149768760	15.4543	15.343
PARP8	TSS25358,TSS	chr5:49961732-	4.62671	3.65842
RGS10	TSS32025,TSS	chr10:12125930	15.996	33.2942
ATP6AP1L	TSS14401	chr5:81575280-	0.573908	0.296242
LOC154761	TSS14038	chr7:143509060	0.960032	0.304022
MZT1	TSS10110	chr13:73282490	4.10354	11.0938
FAM109A	TSS30412	chr12:11179840	2.45881	1.52695
ARL6IP5	TSS28436	chr3:69134089-	30.3231	69.4906
NT5C3A	TSS25723,TSS	chr7:33053724-	10.3872	7.65587
ZNF790-AS1	TSS14177,TSS	chr19:37288450	1.08195	2.35981
SETDB2	TSS1351,TSS8	chr13:50018420	3.86656	5.9485
LINC00950	TSS6312	chr9:35860270-	0	0.0508303
TCTN1	TSS18858,TSS	chr12:11105180	3.86953	3.37693
DRAM2	TSS8893	chr1:111659950	15.3728	16.2155
KCNH7	TSS28200	chr2:163227910	0	0
CTSO	TSS29894	chr4:156845260	4.62695	3.96685
ADAM22	TSS14990	chr7:87563565-	0.301813	0.110394

ZFP36L1	TSS30055,TSS	chr14:6925437-	78.2819	119.405
PARP14	TSS22409	chr3:12239967-	26.9248	19.3695
LOC100506023	TSS8250	chr1:173204198-	0.506293	0.100603
KLK14	TSS3256	chr19:51581150-	0.301937	0.0334366
ZNF724P	TSS17744	chr19:23406606-	2.23062	0.472031
ARRDC2	TSS21815,TSS	chr19:18111940-	88.9872	38.6408
ASTN2	TSS4113,TSS8	chr9:11918750-	1.1142	1.65057
FANCD2	TSS19857	chr3:10068112-	2.49916	3.97539
DDX11	TSS24329	chr12:31226778-	2.73234	6.38927
MIR1184-1	TSS32018	chrX:15411563-	1.87E-06	162.652
FBXL19-AS1	TSS17949	chr16:30930639-	3.00782	2.80644
TVP23C-CDR1	TSS12707	chr17:1533933-	1.30547	0.623287
LINC00310	TSS8884	chr21:3555297-	0	0.0879157
C9orf41-AS1	TSS14733	chr9:77567880-	0.634596	0.140335
LOC494141	TSS22248,TSS	chr11:18230684-	0.00891426	0.31081
MYPN	TSS1423,TSS5	chr10:6986587-	0	0.0472102
GINS4	TSS27180	chr8:41386724-	1.73616	3.37256
ACOT9	TSS32278	chrX:23721776-	12.2099	19.597
NME1	TSS523	chr17:49230919-	15.1466	439.674
MGMT	TSS8037	chr10:13126549-	8.76687	19.0969
SAP30L-AS1	TSS28048	chr5:153769328-	1.08573	1.18277
PIH1D2	TSS8479	chr11:11193479-	8.82E-09	0.270128
NPY6R	TSS33059	chr5:13713688-	0	0
FAM210B	TSS26552	chr20:54933982-	1.46912	2.01553
SFXN4	TSS31169	chr10:12090042-	0.238913	27.2038
ANKRD34A	TSS18752	chr1:14547050-	0	1.02098
CDKL3	TSS20839,TSS	chr5:133634114-	2.58156	0.911006
LOC100506124	TSS15708	chr2:166713989-	0.78802	0.859142
FDX1L	TSS25385	chr19:10420886-	10.5515	17.6584
ANXA2R	TSS9487	chr5:43039181-	5.00508	1.58681
KIAA0922	TSS9488	chr4:15438749-	12.6003	29.3617
TRIO	TSS9105	chr5:14143828-	11.6383	10.1624
CAMK2D	TSS8757	chr4:11437218-	10.4155	22.1283
NRSN2-AS1	TSS21533	chr20:300330-	0.441534	3.34221
RTN4IP1	TSS2101	chr6:107018902-	1.87412	2.49664
TNFAIP8L2	TSS25604	chr1:151129104-	9.31467	6.26149
PCOLCE	TSS24965	chr7:10019988-	1.54894	0.422174
LINC01184	TSS16842	chr5:127357242-	0.852911	1.32051
LOC105447645	TSS9038	chr19:49205706-	0.0189324	0.0513199
C6orf201	TSS25220	chr6:40794394-	0.111309	0.0718461
LOC100499489	TSS19670	chr10:22724352-	0.588379	1.36662
ACTR3BP2	TSS18874	chr2:92129158-	0.0101678	0.00875961
SNX33	TSS31014	chr15:75941347-	0.543886	0.263128
PRR7-AS1	TSS21179	chr5:176864889-	1.39604	0.655884
LOC202181	TSS9125	chr5:177045500-	4.84171	2.01664
LINC00649	TSS5425	chr21:35321229-	0	0
ZG16	TSS4661	chr16:29789560-	0	0.0196841
KIFAP3	TSS27980,TSS	chr1:169890469-	5.56823	16.0354
STKLD1	TSS20482	chr9:136243282-	0.749361	0.172976
XRCC6BP1	TSS27909	chr12:58335444-	3.27303	2.43947
PANK1	TSS254,TSS52	chr10:91339252-	0.297269	0.322387
CDC42EP2	TSS29443	chr11:65082288-	1.25766	1.72177
ACACA	TSS32445,TSS	chr17:35441926-	1.53621	4.63615
LRRC23	TSS21616	chr12:7013896-	1.42933	2.97506
NEGR1	TSS15413	chr1:71868624-	0.0833563	0.0656772

LINC01590	TSS31946	chr6:88106841-	1.0187	0.417797
UCP2	TSS9303	chr11:7368571!	49.1741	46.5461
EFCAB13	TSS4759	chr17:4540132!	1.27164	1.04717
FRRS1	TSS17914	chr1:10017425!	0.249024	0.501253
EXD2	TSS11814,TSS	chr14:6965819!	1.61978	1.90398
ATP6V1G2	TSS33177	chr6:31512227-	0.422602	0.165244
NIPA1	TSS22617,TSS	chr15:2304327!	6.21442	4.98633
PLD6	TSS29582	chr17:1710430!	1.8162	3.91034
LOC653160	TSS1236	chr1:35441299-	0.0242332	0.450428
SAP25	TSS7632	chr7:10016985!	12.0969	2.22557
ZAK	TSS17925	chr2:17394056!	1.09114	3.49081
SIAE	TSS21984,TSS	chr11:1245056!	0.380362	0.836234
FAAH	TSS28976	chr1:46859938-	1.16747	0.636186
ZNF570	TSS13022,TSS	chr19:3795867!	0.965701	2.00969
DCST2	TSS20193	chr1:15499100!	0.0740414	0
DENND3	TSS24993	chr8:14213871!	18.9118	8.54604
STK39	TSS6620	chr2:16881052!	2.48452	2.24168
NRBP2	TSS20042	chr8:14491575!	0.902742	0.916501
INSIG1	TSS1601	chr7:15508948!	12.7058	35.1619
MMAB	TSS8185	chr12:1099915!	0.682424	8.0035
PEX11G	TSS20867,TSS	chr19:7541755-	1.13758	1.24952
GALE	TSS11922,TSS	chr1:24122088-	2.44282	13.8007
ACTL10	TSS21758	chr20:3225430!	1.0975	2.3589
ZNF629	TSS12096	chr16:3078976!	2.03538	3.55151
MGC16275	TSS25309	chr17:7220613!	0.485554	0.94679
GUCA1B	TSS1333	chr6:42151021-	2.35874	1.05899
CIDEC	TSS1362,TSS2	chr3:9908393-!	0	0.250707
PYCARD-AS1	TSS8527	chr16:3121320!	0.746051	0.75571
TMEM184A	TSS4111	chr7:1581870-	0.0229456	0.0836637
JAZF1	TSS7865	chr7:27870192-	9.80346	14.6092
WDHD1	TSS27541	chr14:5540565!	0.888475	2.48646
LMNB1	TSS13472,TSS	chr5:12611231!	5.32095	18.8001
KLHDC8B	TSS4129	chr3:49209017-	0.343911	0.798994
PIM3	TSS23120	chr22:5035414!	25.0073	46.7884
LINC01125	TSS7738	chr2:98286205-	0	0.322375
RYBP	TSS21131	chr3:72423743-	15.6303	11.0919
OPTN	TSS29888	chr10:1314208-	8.81116	2.74321
XIRP2	TSS18121,TSS	chr2:16774499!	0.0133277	0.00257642
PTPRJ	TSS7890	chr11:4800210!	3.22251	1.43301
RACGAP1	TSS12047	chr12:5038294!	3.34946	4.7414
TICAM2	TSS10921	chr5:11491419!	2.16957	1.64751
PLA2G15	TSS27674	chr16:6827924!	5.3658	3.48485
SPNS1	TSS30435	chr16:2898609!	6.66015	19.1485
ST8SIA4	TSS7403	chr5:10014263!	6.1075	5.74947
ETS2	TSS14274,TSS	chr21:4017723!	1.2514	2.43041
MTHFD2P1	TSS8772	chr3:95373266-	0.00572299	0.386583
SMPD1	TSS6338	chr11:6411643-	2.49882	2.61836
SLC25A15	TSS18102	chr13:4136354!	0.574909	4.09722
ZNF607	TSS14574,TSS	chr19:3818726!	2.55295	2.68271
SLAIN1	TSS13299,TSS	chr13:7827198!	5.93719	5.89097
GGT7	TSS4255	chr20:3343252!	1.93852	2.16634
LOC101060321	TSS15033	chr17:3458108!	2.27807	0.0674898
TRIM61	TSS1331	chr4:16587559-	1.50428	2.82351
SSR4P1	TSS8793	chr21:4649086!	0.0997231	0.154432
SLC45A3	TSS17638	chr1:20562698!	1.24485	2.03754

CTPS1	TSS2463,TSS5	chr1:41444970-	2.60053	34.2424
MROH6	TSS28283	chr8:14464836-	0.270444	0.188407
GARS	TSS27241	chr7:30634180-	27.4954	63.8995
LOC101559451	TSS897	chr17:4607524-	2.84195	6.66663
SUCLG2-AS1	TSS8290	chr3:67705120-	0.0196718	0.365303
CKAP5	TSS25864	chr11:4676508-	6.61362	12.5889
FAM174A	TSS5944	chr5:99871008-	1.05235	3.04433
CFLAR	TSS10691,TSS	chr2:20198082-	36.1938	24.7989
CPT1A	TSS28523	chr11:6852208-	13.7658	14.8714
ZNF620	TSS20576,TSS	chr3:40547529-	1.53799	0.358401
MCM2	TSS1261	chr3:12731719-	10.548	32.7403
CHPT1	TSS17515	chr12:1020914-	26.1375	17.6788
NAT16	TSS10500	chr7:10081377-	0	0.170995
ZHX2	TSS30203	chr8:12379390-	21.4226	13.8422
STK33	TSS11092,TSS	chr11:8413412-	0.286705	1.75768
FAM166A	TSS9459	chr9:14013803-	0	0.033973
SEPSECS-AS1	TSS20118	chr4:25162293-	0.131165	0.30504
LINC01547	TSS16081	chr21:4635319-	1.02714	0.778103
SPATA1	TSS13930	chr1:84971983-	0.440319	0.0649444
LINC00324	TSS18720	chr17:8123947-	2.63899	0.653266
CILP2	TSS12555	chr19:1964907-	0.0827208	0.136045
PMAIP1	TSS33790	chr18:5756719-	80.9155	71.1109
HLA-E	TSS21849	chr6:30457182-	229.573	149.977
GNA11	TSS8849	chr19:3094407-	3.30134	2.13328
FALEC	TSS32712	chr1:15048823-	0	0
ALKBH5	TSS893	chr17:1808686-	24.0232	28.2294
SLC1A4	TSS2571,TSS5	chr2:65215578-	5.678	13.1001
RNASEH2A	TSS13011	chr19:1291742-	6.83776	15.4209
PTCH2	TSS8686	chr1:45285515-	0	0.143174
ATAD2	TSS25789	chr8:12433209-	3.37593	4.44176
LOC105377348	TSS17063,TSS	chr4:10374921-	0.613439	0.648845
PTGES2-AS1	TSS20141	chr9:13089080-	0.365453	0.194211
INMT-FAM188	TSS3387	chr7:30791750-	0	1.04E-06
ZNF350	TSS24869	chr19:5246759-	6.94108	4.55035
MIR762HG	TSS4300	chr16:3088678-	1.14201	1.86302
CCDC28B	TSS30807	chr1:32665986-	2.08671	3.14437
GPR132	TSS9345	chr14:1055157-	13.9998	10.4757
GRTP1	TSS20323	chr13:1139784-	0	0.0580253
WNT4	TSS20509	chr1:22443797-	0.267677	0.155381
ECE1	TSS13714,TSS	chr1:21543739-	19.8662	23.5396
IFIT5	TSS271	chr10:9117432-	5.28279	6.26652
EXT1	TSS12229	chr8:11881160-	1.39573	0.518303
MTHFD1L	TSS27142,TSS	chr6:15118681-	6.24512	42.6144
AIM2	TSS28614	chr1:15903227-	17.5943	10.2234
HSD17B12	TSS12618	chr11:4370214-	8.95776	21.3594
RAB24	TSS18226	chr5:17672819-	5.16528	6.89599
LINC01431	TSS22229	chr20:2333723-	0	0.48273
POLA1	TSS32147	chrX:24712063-	1.20998	4.56645
CTAGE6	TSS11106	chr7:14345218-	0.140458	0.550683
FAM132A	TSS18270	chr1:1177825-	0	0.147508
ANXA5	TSS1269	chr4:12258915-	41.5029	41.4955
APOOP5	TSS18671	chr16:5978804-	0	1.92763
SEC24D	TSS31103	chr4:11964397-	4.86894	5.46619
GNPDA1	TSS4653	chr5:14138023-	15.4898	23.2827
GSPT2	TSS27125	chrX:51486480-	6.69634	7.16853

GMDS	TSS30965,TSS	chr6:1624034-2	1.82471	17.6457
GRIN3A	TSS5318	chr9:10433163	0.00548327	0.12304
LOC10192775E	TSS29606	chr17:58042456	1.87992	1.44339
PSMD6-AS2	TSS2864	chr3:63989697-	2.50256	0.894239
SCMH1	TSS2374,TSS2	chr1:41492870-	2.41006	7.60168
TEX30	TSS11536	chr13:1034182	4.63635	11.2049
C1QL3	TSS25011	chr10:1655574-	1.52334	0.402388
SFXN3	TSS4294	chr10:1027909	2.36752	1.14819
TBC1D3C	TSS31923	chr17:36337710	2.90551	2.98E-12
PYCR1	TSS21194,TSS	chr17:7989026-	2.48761	34.5412
RPL21	TSS22356	chr13:2782569-	60.8138	225.949
LCA5L	TSS1089	chr21:4077776	0	0.146907
POC1A	TSS27393	chr3:52109248-	0.862397	2.10958
SH3BGRL3	TSS8970	chr1:26606212-	110.606	114.256
GSTM2P1	TSS28412	chr6:11136762-	0	0.722213
MYO15A	TSS4780	chr17:1801201	0.039215	0.0193074
LINC01521	TSS21944	chr22:3174274	0.315398	0.541584
DUSP10	TSS20094,TSS	chr1:22187476-	5.98911	15.4026
RRM1	TSS23091	chr11:4115923-	7.25371	16.9034
SGPP1	TSS27248	chr14:6415093	20.8968	12.26
SREBF2	TSS4448	chr22:4222908	24.2151	52.4253
ITGA4	TSS19100	chr2:18232161	13.8015	22.015
CRADD	TSS22140	chr12:94071150	4.73419	6.9171
ACP6	TSS14827	chr1:14711916-	1.09217	2.08524
PAICS	TSS22696,TSS	chr4:57301914-	6.79161	80.5057
SDCBP	TSS5697	chr8:59465727-	61.0195	35.583
GAS8	TSS1290,TSS1	chr16:90086030	0.884028	2.11834
SLC39A8	TSS11676,TSS	chr4:10317219-	1.79611	15.5989
ATP6V1G2-DC	TSS33177	chr6:31497995-	2.76E-05	3.8103
SLC41A1	TSS10725	chr1:205758220	4.75381	7.46418
EME1	TSS26182	chr17:48450580	0.640395	0.826801
CEP83	TSS27561	chr12:9470205	0.860125	4.0208
SLC45A4	TSS12953,TSS	chr8:14221726	1.33077	0.921226
PASK	TSS30670,TSS	chr2:24204551	6.49073	4.40835
ST6GALNAC6	TSS25624,TSS	chr9:13064759	20.2323	12.8406
SCCPDH	TSS28631	chr1:24688737-	3.80192	5.31382
NUCB2	TSS17881	chr11:1729828	2.10552	2.236
RND1	TSS26614	chr12:4925091	4.0343	1.12068
ST3GAL5	TSS22648,TSS	chr2:86066270-	5.52019	3.94701
LOC101927027	TSS31189	chr2:17927838	5.4157	4.58704
TCAF2P1	TSS21782	chr7:14350708	1.03799	0.579516
NAB2	TSS31023	chr12:57482670	8.1604	17.1132
NMB	TSS25118	chr15:8519835	1.31099	2.50803
AKT3	TSS27875,TSS	chr1:24365153	12.6055	7.2763
HLA-DQB2	TSS29850	chr6:32723874-	31.2513	46.1939
DLK2	TSS32742,TSS	chr6:43418089-	0.695103	0.952645
PROX2	TSS14828	chr14:7531973	0.550483	0.0958515
ARHGAP21	TSS26153	chr10:2487253-	2.59101	4.48907
LINC00638	TSS7635	chr14:1052875	0	0.425563
ANKRD32	TSS19341	chr5:93954390-	1.8524	2.4692
SH3BP5-AS1	TSS5983	chr3:15295690-	6.39092	2.91687
DEGS1	TSS20499	chr1:22437090	36.0107	32.8118
GCLM	TSS14399	chr1:94350755-	30.765	23.6904
CATSPER2P1	TSS18262	chr15:4402814	0.227128	0.40686
UGDH-AS1	TSS29802	chr4:39529458-	0.00212694	0.265085

FAM222A	TSS15947	chr12:11015218	0.631008	0.694687
CRB3	TSS23416	chr19:6464259-	0.84309	0.933456
ZDHHC14	TSS8337	chr6:157802556	7.54883	10.454
UBE2S	TSS21818	chr19:55912649	5.51892	13.8439
INF2	TSS1661	chr14:10515594	10.4371	15.0617
GRAMD1A	TSS32405	chr19:35491245	8.42269	12.1368
HIST1H1E	TSS4846	chr6:26156558-	3.57189	0.889178
KNSTRN	TSS31571	chr15:4067492-	0.818297	7.81857
ZDBF2	TSS18387,TSS	chr2:207139364	3.04032	2.02909
CD63	TSS14377,TSS	chr12:56119226	89.4735	93.675
MLANA	TSS27166	chr9:5890908-5	0.307121	0.61862
WHAMMP3	TSS30218	chr15:23187728	2.93087	1.77976
GALNT3	TSS28814	chr2:166604312	2.29962	1.58226
KCNU1	TSS8254	chr8:36641841-	0.0144256	0.0288664
PPP1R3B	TSS22901,TSS	chr8:8993763-9	1.83649	1.155
ZNF273	TSS19367	chr7:64363619-	1.00602	1.50028
SGK223	TSS13640	chr8:8175257-8	5.51066	9.37855
AIFM2	TSS3738	chr10:71872022	6.42916	14.5621
FTO-IT1	TSS19715	chr16:54073304	0.533286	0.7355
MCMDC2	TSS15601,TSS	chr8:67782983-	0.0931302	0.301191
LINC01599	TSS1350	chr14:50474036	2.67455	1.23648
FBXO44	TSS261,TSS28	chr1:11714431-	4.65381	3.90179
ITGAV	TSS15183,TSS	chr2:187454789	2.29945	1.90974
SYVN1	TSS82	chr11:64894756	19.3842	21.1468
PFKFB1	TSS10850,TSS	chrX:54959566-	0	0.0226679
ZNF165	TSS8961	chr6:28048481-	1.58441	2.49732
ZNF615	TSS13610	chr19:52494586	4.624	2.60878
SUPT3H	TSS8279	chr6:44794466-	0.70205	1.3657
KCNC1	TSS30493	chr11:17757494	0	0.0299102
VWA5A	TSS24109	chr11:1239861-	0.717455	0.823889
SGOL2	TSS26262	chr2:201390864	3.58368	1.26161
C7orf13	TSS6320	chr7:156431059	1.70902	1.58186
LRRRC37A11P	TSS13296	chr17:37186158	0.0252444	0.0276885
SLC26A11	TSS804	chr17:78194199	1.27213	1.10074
C16orf86	TSS18368	chr16:67700716	0.945354	0.556799
CHAC2	TSS31338	chr2:53994928-	0.7898	13.9611
CEP72	TSS20045	chr5:612404-65	0.742061	2.14017
BCAS4	TSS25813	chr20:49411436	25.7742	37.5804
ACSF3	TSS10043,TSS	chr16:89160216	6.18028	6.59886
OPN3	TSS193	chr1:24175645-	4.13034	7.76788
LOC101928053	TSS5553	chr11:10830845	1.55741	0.16376
FITM2	TSS18579	chr20:42935196	0.526679	1.47046
KCNRG	TSS334	chr13:50589389	0.977456	0.511668
RDH16	TSS29171	chr12:57345215	0.214289	0
MIR1244-2	TSS33539	chr12:9392065-	3842.77	8216.44
APOBEC3G	TSS19880	chr22:39473009	12.9735	20.8962
FABP3	TSS4263	chr1:31838099-	0.80644	0.729387
ZNF395	TSS23840	chr8:28203101-	26.4657	16.2454
FHOD1	TSS20874	chr16:6726329-	6.94277	12.0687
RNASEH2B-AS1	TSS20991	chr13:51456514	0	0
EVI2A	TSS32137	chr17:2964342-	8.08448	10.0084
CDC37L1-AS1	TSS9464	chr9:4676600-4	6.31035	2.29515
ARMCX5	TSS14060,TSS	chrX:101854095	3.85769	5.48916
LZTS3	TSS18785	chr20:3143262-	0.563441	0.270668
ADCY10P1	TSS6915	chr6:41068772-	0.833459	0.168787



ZNF85	TSS18140	chr19:21106058	4.68407	3.33944
ZFP82	TSS28156	chr19:36882860	5.44531	3.06174
FLOT1	TSS12274	chr6:30695510	25.6399	19.5669
PLSCR3	TSS3136	chr17:7293046	2.52E-09	6.27746
ENO1	TSS10129,TSS	chr1:8921058	115.012	911.539
NCAPG2	TSS10513	chr7:158423860	2.06908	3.45231
RAD51L3-RFF	TSS15255	chr17:33336130	1.69E-06	2.11E-05
FAM208B	TSS22970	chr10:5726800	7.01903	13.2254
P4HA1	TSS12469	chr10:74766970	7.41026	9.1798
STK38	TSS14351	chr6:36461659	35.7154	11.9153
CEACAM21	TSS5698,TSS6	chr19:42055880	5.64923	3.06892
PTGR2	TSS12710,TSS	chr14:74318530	0.766995	1.97767
ACSS2	TSS16003,TSS	chr20:33462760	2.46671	1.41736
ABHD15	TSS26663	chr17:27887680	4.91693	4.34241
ZFP30	TSS26993	chr19:38123380	2.38293	1.60457
DGKH	TSS13780,TSS	chr13:42614170	0.268439	0.562112
IFT43	TSS12853	chr14:76452090	1.3281	9.39842
ALDH1B1	TSS9601	chr9:38392660	0.890347	8.49288
PLEKHO1	TSS12961,TSS	chr1:150121620	39.623	36.0521
PNMA1	TSS33024	chr14:74178480	10.489	9.27616
DDX12P	TSS15967	chr12:95702860	2.26591	3.61005
SMCO3	TSS4666	chr12:14957580	0	0.199967
HMGA1	TSS27486,TSS	chr6:342045760	24.843	167.456
LOC101929090	TSS25902	chr1:117568100	0	4.72E-28
ATP6V0A1	TSS20188	chr17:40610860	20.6295	17.151
CCDC183-AS1	TSS18712	chr9:139698370	0.732636	1.8763
CCDC13	TSS7013	chr3:427498730	0.125234	0.0121187
ZNF43	TSS18268,TSS	chr19:21987750	7.14886	4.96913
MIR4461	TSS33487	chr5:134263720	0	0
TCAF2	TSS18562,TSS	chr7:143318040	1.87457	0.663782
SSBP3-AS1	TSS7835	chr1:547021150	0.679485	0.368237
LINC01347	TSS3251	chr1:243219610	2.36874	1.23523
PLGLB2	TSS15797	chr2:880476050	0.0788501	0.572871
STX1A	TSS27922	chr7:731135340	0.457805	2.02771
CHAF1B	TSS17304	chr21:37757680	0.848688	4.67637
KIAA1958	TSS7612	chr9:115249240	1.14751	1.02575
LOC101929210	TSS3683	chr4:950389700	0	0.0254277
BMP8B	TSS12785	chr1:402239020	0.624315	0.438131
TK2	TSS20159,TSS	chr16:66541900	1.32165	0.457798
HGSNAT	TSS9157	chr8:429955910	3.74219	3.72165
CHAF1A	TSS8697	chr19:44026590	2.03458	7.66096
CERK	TSS740	chr22:47080300	11.3341	4.07726
CORT	TSS19123	chr1:105097750	2.25E-46	0.333774
SLC19A2	TSS25522	chr1:169433140	1.6104	3.98681
GOLGA2P2Y	TSS5072	chrY:263561130	0	0.0429172
LINC00888	TSS26648,TSS	chr3:183165390	1.62637	1.08303
STAG3	TSS24113,TSS	chr7:997753460	1.12948	1.68479
BTN3A1	TSS34056	chr6:264024640	3.01188	3.1467
LOC100506100	TSS27136	chr9:131486740	1.42421	2.92645
EZH2	TSS18315,TSS	chr7:148504460	1.53056	5.45943
TP53BP2	TSS12964	chr1:223967590	10.1119	9.12317
ECE2	TSS11835,TSS	chr3:183967440	1.67052	24.0244
C17orf97	TSS2203	chr17:26011700	2.46793	3.59111
TMC5	TSS12479,TSS	chr16:19421860	0.0829297	0.0916968
FAM213B	TSS12645,TSS	chr1:25178980	2.94683	13.4403

FAHD2B	TSS11283	chr2:97749322-	1.62921	2.62858
USP12	TSS5102	chr13:27640286-	9.34924	10.3401
GATSL3	TSS31530	chr22:30681106-	2.06241	1.39791
BCL3	TSS12629	chr19:45251971-	7.09828	5.55454
TRPV2	TSS12622	chr17:16318851-	6.01396	12.7594
MFSD1	TSS1711	chr3:158519714-	11.8928	26.0631
ECT2L	TSS22043	chr6:139117247-	0.0798688	0.253558
WNK3	TSS20365	chrX:54219255-	0.12124	0.134103
EFNB1	TSS19707	chrX:68048839-	0.210884	1.55073
MCL1	TSS27021	chr1:150547026-	54.3473	40.7637
CNKSRI	TSS24019	chr1:26503980-	0.246646	1.0507
WDR76	TSS6645	chr15:44119111-	0.518436	2.92439
MFSD4	TSS26464	chr1:205538111-	0.978214	0.296254
EHD4	TSS3655	chr15:42191638-	2.76796	14.1233
GOLGA2P2Y	TSS19036	chrY:27601457-	0	0.0454953
HSPH1	TSS12650,TSS	chr13:31709110-	37.553	55.3678
RAB33A	TSS9113	chrX:129305771-	1.63832	2.09389
KANK3	TSS9055	chr19:8387467-	0.509157	0.110859
SUOX	TSS30642	chr12:56391042-	2.36749	0.714266
LSS	TSS20181	chr21:47608359-	6.80249	24.2866
LOC100132356	TSS25798	chr5:43065288-	4.01859	1.97524
LINC00467	TSS11193	chr1:211556096-	0	2.07858
CCER2	TSS31581	chr19:39399619-	0	0.072592
PTPN12	TSS21722,TSS	chr7:77166772-	16.0692	10.2678
C17orf107	TSS31760	chr17:4802947-	1.44443	0.731386
WFS1	TSS16394	chr4:6271576-(-	1.20168	1.44943
TPCN1	TSS3688,TSS6	chr12:11365924-	5.5022	9.22561
RPL39L	TSS30664	chr3:186838740-	1.55377	1.99305
LOC642846	TSS6962	chr12:9436252-	1.98745	3.18302
AP5B1	TSS31072	chr11:65541368-	4.99447	6.25381
CITED2	TSS20736,TSS	chr6:139693391-	11.7576	6.3213
SMTN	TSS4484,TSS4	chr22:31477281-	1.38217	0.850435
CSE1L	TSS29941	chr20:47662782-	12.191	43.7147
ST6GAL1	TSS1756,TSS8	chr3:186648314-	83.3438	147.911
CYP3A5	TSS1346	chr7:99245811-	0	0.0404379
NAGS	TSS31114	chr17:42082031-	1.20344	0.271104
PIF1	TSS25681	chr15:65107828-	0.217003	0.639815
OMG	TSS2739	chr17:29621661-	0.554784	0.20549
FDFT1	TSS10601,TSS	chr8:11653081-	48.2066	150.349
LOC101926911	TSS7576	chr15:91565851-	0.438865	0.165536
ZNF529-AS1	TSS17723	chr19:37063971-	0.473548	1.68646
EXTL3-AS1	TSS25209	chr8:28555919-	0.679432	0.105464
TCEA2	TSS15847,TSS	chr20:62688438-	0.883943	3.23662
LOC101927157	TSS14586	chr4:47916243-	0	0.430744
GPD2	TSS24174,TSS	chr2:157291964-	4.1723	6.43838
ZNF836	TSS23079	chr19:52658124-	3.43899	1.80408
PGK2	TSS3244	chr6:49753363-	0	0.0664189
APLP2	TSS23879,TSS	chr11:12993971-	36.1249	22.8265
L2HGDH	TSS27133	chr14:50709151-	0.422001	2.35009
TST	TSS20609,TSS	chr22:37406899-	3.24268	3.82944
PPAP2C	TSS25076,TSS	chr19:281039-(-	0.301409	0.506776
ZNF480	TSS2652	chr19:52800421-	5.03336	8.25471
AKAP7	TSS30428,TSS	chr6:131456821-	0.326884	0.640214
LRRIC1	TSS21298	chr6:53659777-	1.30061	0.760433
TMEM110-MU	TSS824	chr3:52867130-	2.10E-06	0.307643

ARL10	TSS23938	chr5:17579250-	1.19207	1.2114
ANXA2P2	TSS8720	chr9:33624222-	67.1715	71.8517
HSPA12B	TSS8989	chr20:3713316-	0.0979428	0.0324924
HEXB	TSS13253,TSS	chr5:73935847-	13.1245	12.7043
NT5C3B	TSS7598,TSS8	chr17:3998133-	11.7923	23.9078
DRD4	TSS25036	chr11:637304-	0	0.297243
MYLK4	TSS2453	chr6:2663862-	0.50691	0.0461488
TAGAP	TSS13194,TSS	chr6:15945550-	42.626	20.0134
VAMP5	TSS22651	chr2:85811530-	9.36366	3.18197
LOC101929340	TSS1320,TSS2	chr11:1246290-	0.0778873	0.197942
KHDC1	TSS11959,TSS	chr6:73951036-	2.07444	0.65547
PPT2-EGFL8	TSS28739	chr6:32121775-	7.82E-141	0.563549
PRKAG2	TSS11304,TSS	chr7:15125320-	8.50307	10.4417
ESR2	TSS13944,TSS	chr14:6469342-	3.20636	1.99791
ARL2	TSS23451	chr11:6478158-	16.0379	59.7709
ATN1	TSS18342,TSS	chr12:7033625-	9.91134	15.3954
TMC2	TSS7389	chr20:2517252-	0	0.0786384
CCDC112	TSS33051,TSS	chr5:11460288-	6.40768	4.06204
FGD1	TSS5378	chrX:54471886-	1.20771	0.486982
RNF222	TSS4724	chr17:8294022-	0	0.100185
FZD5	TSS27033	chr2:20862730-	0.078213	0.428692
ZNF391	TSS30516	chr6:27356523-	1.19579	1.01669
LOC101927919	TSS27751	chr6:11799397-	0.309771	0.10907
GMNN	TSS18748,TSS	chr6:24775158-	2.40362	16.8477
C10orf25	TSS19651	chr10:4548937-	0.525903	0.385095
C9orf43	TSS19859,TSS	chr9:11617292-	0	0.570403
ZBTB20	TSS14758,TSS	chr3:11403334-	2.72597	1.26349
KDM7A	TSS4214	chr7:13978454-	11.1607	3.29734
IL10RA	TSS12310	chr11:1178571-	22.0754	14.5094
LPAR2	TSS25016	chr19:1973446-	3.76581	3.4921
CTNNAL1	TSS26125	chr9:11170484-	3.15698	3.49746
SLC25A13	TSS21319	chr7:95749531-	2.25148	7.17295
IL21R	TSS11049,TSS	chr16:2741348-	4.74354	8.59091
QRICH2	TSS26325	chr17:7427012-	0.369391	0.316444
PER3	TSS16018	chr1:7844488-	1.58529	1.17917
JAK2	TSS606	chr9:4985244-	4.66513	1.92696
DNAJC9-AS1	TSS17071	chr10:7500712-	0.525645	0.116588
ABCG1	TSS15932,TSS	chr21:4361979-	5.4051	1.14113
DIP2A	TSS10116	chr21:4787886-	6.43194	3.00583
GRHL1	TSS19982	chr2:10091791-	0.121262	0.0844725
CRAT	TSS18918	chr9:13185707-	2.64654	4.43296
H1FX-AS1	TSS14205	chr3:12903511-	0	0.159314
INAFM2	TSS28363	chr15:4061625-	1.70559	3.63768
HIST3H2A	TSS18335	chr1:22864506-	0.520972	4.62094
ADARB1	TSS26031	chr21:4649449-	2.34553	2.75054
FUT8-AS1	TSS32254	chr14:6587731-	1.68	0.300395
NEB	TSS25289	chr2:15234185-	0.39796	0.194942
AP1S2	TSS28888	chrX:15843928-	7.18619	12.4426
CMTM1	TSS13594,TSS	chr16:6660029-	4.2298	0.183733
CHRN2	TSS2839	chr1:15454025-	0.217818	0.0464981
ANKRD62P1-F	TSS1910	chr22:1713459-	0.0101329	0.0989095
C1orf198	TSS14549,TSS	chr1:23097286-	2.1576	2.60372
MIR1244-1	TSS29179	chr12:1226488-	10567.6	12384
ZNF233	TSS16359,TSS	chr19:4476403-	0.0374543	0.329688
HNRNPLL	TSS23275	chr2:38790327-	3.0005	1.50888

CKS1B	TSS33944	chr1:154947117	4.52459	14.7641
ACAT2	TSS13866,TSS	chr6:160182988	13.1963	56.8403
CCDC114	TSS13025	chr19:48799708	0	0.0105699
BZW2	TSS20832	chr7:16685758-	4.45976	40.6316
RGPD1	TSS25465	chr2:87144737-	1.47761	1.46004
LOC100288637	TSS13879,TSS	chr15:30938317	0.288952	0.348707
LINC00526	TSS13858	chr18:5236722-	1.6464	0.963974
TIPARP-AS1	TSS27045	chr3:156390959	0.160484	0.0283244
STK32C	TSS11782	chr10:13402099	0.960935	5.82389
VPS9D1-AS1	TSS5147	chr16:89778269	0.367916	11.0391
MCOLN1	TSS9340	chr19:7587495-	2.61194	4.88098
CIB2	TSS11301	chr15:78396947	1.27475	0.81231
LNP1	TSS27634	chr3:100120036	0.729582	0.930325
PAX8-AS1	TSS15499,TSS	chr2:113993109	1.83389	1.97486
FBXO15	TSS27472,TSS	chr18:71740587	0.590038	0.0623112
LOC100505921	TSS13060	chr7:7989469-8	0.706245	0.128806
DIRC3	TSS29446	chr2:218148749	0	0
NEK7	TSS20562	chr1:198126107	14.938	10.4491
SCARB1	TSS6473	chr12:12526217	3.69826	18.8968
NUPR1L	TSS2055	chr7:56182373-	0	1.52044
TFDP2	TSS12565,TSS	chr3:141663269	2.36366	2.4844
C2orf27A	TSS14870	chr2:132480069	0.521534	0.44003
SYNJ2BP	TSS9509	chr14:70833219	3.73211	3.21079
SQSTM1	TSS10031,TSS	chr5:179233387	390.306	266.227
ZNF32	TSS5618,TSS8	chr10:44139306	7.09614	13.3674
LOC100288069	TSS9920	chr1:700244-77	7.26912	3.65503
PARVG	TSS18375,TSS	chr22:44568839	6.48869	11.1944
JUND	TSS33730	chr19:18390509	64.8499	49.5338
DNM1P46	TSS5188	chr15:10033036	0	0.0910864
RAB30	TSS17262,TSS	chr11:82684174	19.3971	11.4009
CDC42EP3	TSS1094,TSS2	chr2:37869024-	6.8639	9.7143
CMTM7	TSS14081	chr3:32433162-	23.5467	14.4423
GCSH	TSS25662	chr16:81115557	0.414517	4.92842
PRDM10	TSS21794,TSS	chr11:12976960	3.31154	2.96233
PDIA5	TSS18129	chr3:122785859	1.47543	9.94622
CENPW	TSS9024	chr6:126660934	0.763278	3.87062
SRM	TSS15558	chr1:11114648-	13.2122	174.754
LY75-CD302	TSS18711	chr2:160625138	1.61028	0.507704
TMEM198	TSS26962,TSS	chr2:220408384	0	0.343366
OBSCN	TSS9766	chr1:228395830	0.399363	0.524288
GRAMD4	TSS1784	chr22:47022657	4.60081	4.14509
SCOC-AS1	TSS16780	chr4:141204879	0	0.802951
TIMELESS	TSS30217	chr12:56810156	9.42719	8.19113
FAM167B	TSS1520	chr1:32712817-	0.825966	0.409499
TMOD4	TSS2236	chr1:151142462	0	0.251631
GCAT	TSS31050	chr22:38203917	0	1.30603
ZNF137P	TSS11449	chr19:53099936	3.11724	1.58425
DNA2	TSS11906,TSS	chr10:70173820	0.935813	2.22267
PQLC3	TSS32183	chr2:11295497-	5.94501	4.29613
GGA2	TSS11694	chr16:23474862	36.0815	24.3143
FAM127A	TSS16176	chrX:134166339	2.556	9.73961
HLA-F	TSS6550	chr6:29691116-	34.0181	39.4372
ARHGAP27	TSS10092,TSS	chr17:43471267	18.6485	9.4854
LOC646736	TSS13862	chr2:227007509	0	0
ATF7IP2	TSS20854,TSS	chr16:10479917	2.55417	2.14424

TCF19	TSS2861	chr6:31126302-	3.6656	3.02346
GRIN3B	TSS17095	chr19:1000436-	0.351122	0.0418139
SLC26A5	TSS11594,TSS	chr7:102993176	0	0
LOC100133091	TSS5952	chr7:76178657-	1.51421	1.43205
DANCR	TSS28010	chr4:53578620-	35.6001	115.808
GVINP1	TSS24090	chr11:6734380-	8.57959	3.00647
LOC642423	TSS5534	chr15:85747906	2.05923	2.59834
CA5B	TSS18483	chrX:15756411-	1.7366	1.16559
FAM87A	TSS22070	chr8:325930-36	0.0379402	0.0293643
FSD1L	TSS31086	chr9:108210314	4.53445	0.84188
NT5DC2	TSS1440,TSS7	chr3:52558384-	1.11282	9.14579
NFKB2	TSS16693,TSS	chr10:10415386	23.868	32.946
CKS2	TSS674	chr9:91926109-	32.1671	63.67
LCP2	TSS25367	chr5:169675087	2.42163	1.27668
SRGN	TSS6877	chr10:70847827	151.502	176.782
STK4-AS1	TSS16012	chr20:43592439	0	0.0993673
CCDC168	TSS525	chr13:10338177	0.0274029	0.0181711
CALML6	TSS26094	chr1:18462657-	0.535326	0.0345838
DICER1-AS1	TSS26084	chr14:95624024	0.392934	0.762319
AMY1A	TSS13916,TSS	chr1:104292278	1.56102	0.439531
HPS4	TSS1677,TSS3	chr22:26846848	5.6664	7.8887
DNAJC18	TSS18237	chr5:138745897	0.954664	1.64103
FAM229A	TSS8381	chr1:32826870-	3.44396	2.00573
MCTP2	TSS29746,TSS	chr15:94841429	3.31876	1.52291
HSP90B1	TSS14942	chr12:10432417	53.1935	131.289
NPIPA3	TSS3260	chr16:14805548	8.38842	0.0128252
ZNF260	TSS17792	chr19:37001588	4.20634	2.61281
ABHD8	TSS16083	chr19:17402939	3.57654	3.23956
RNF43	TSS15380,TSS	chr17:56429860	0.365138	0.530459
PLEKHA8	TSS9620	chr7:30067976-	2.85631	1.45404
MMACHC	TSS5116	chr1:45965855-	1.3207	2.95896
PARVB	TSS18217,TSS	chr22:44395090	5.42233	39.9061
WEE2-AS1	TSS6594	chr7:141404137	0.159176	0.277314
TMC3	TSS28321	chr15:81624759	0	0.0617404
FLJ27354	TSS26380	chr1:90090407-	0	0.571643
CDHR2	TSS20553,TSS	chr5:175969517	0	0.0156027
AKR7L	TSS10320	chr1:19592475-	0	0.0794115
IRS1	TSS8464	chr2:227596037	1.30891	1.29386
DNAJB2	TSS27373	chr2:220144039	42.4975	25.7348
SLC12A4	TSS12722,TSS	chr16:67977376	3.47287	1.68843
SMAP2	TSS19645,TSS	chr1:40839377-	44.7421	39.017
LACTB	TSS10161	chr15:63413998	7.72867	7.14928
BNIP1	TSS12642	chr1:151009028	0.711107	0.210538
IMPG2	TSS32448	chr3:100941389	0.0662231	0.0315322
RBM14-RBM4	TSS10925	chr11:66384057	8.22839	15.2997
RIMBP3	TSS31216	chr22:20455997	0.130981	0.0977274
MALAT1	TSS4337	chr11:65265237	1216.51	355.766
ZNF680	TSS12559	chr7:63980254-	2.14873	2.42261
MXI1	TSS22833,TSS	chr10:11196736	11.9284	9.45913
EIF4E3	TSS1179,TSS2	chr3:71728439-	1.74983	0.814547
USP13	TSS7710	chr3:179370937	1.63662	1.90931
RFX2	TSS22592	chr19:5993174-	0.161588	0.80723
SYT2	TSS18421,TSS	chr1:202559724	0	0.173506
BRCA1	TSS10596,TSS	chr17:41196317	0.0948116	2.28849
FAM27E3	TSS31363	chr9:67784943-	0.528727	1.75989

B3GALNT2	TSS25263	chr1:23561050-	4.00492	6.40563
TSC22D1-AS1	TSS26520	chr13:4515003-	0.21349	0.0283541
RNF122	TSS7767	chr8:33405271-	3.71584	3.59728
CMTM4	TSS14971	chr16:6664865-	0.38286	0.150066
ZNF665	TSS8703	chr19:5366655-	0.543096	0.41079
ZNF772	TSS17761	chr19:5798095-	2.70691	2.78673
IFT81	TSS1428	chr12:1105621-	0.796979	0.923439
ABHD5	TSS2484	chr3:43732374-	1.24211	2.51346
RNF19B	TSS2694	chr1:33402046-	9.50303	8.35923
GLCE	TSS20106	chr15:6945297-	0.350573	0.443345
NPFF	TSS1763	chr12:5390047-	1.17499	1.75059
PROM2	TSS2164	chr2:95940200-	0.121009	0
CHEK1	TSS1671,TSS1	chr11:1254950-	0.775332	3.9883
USP3-AS1	TSS23704	chr15:6387990-	1.99092	0.850839
FLJ23867	TSS15312	chr1:18016714-	0.327084	0.0379828
PAM	TSS5660	chr5:10220152-	1.85262	1.41267
LIPT2	TSS3645	chr11:7420292-	0	0.896347
HSPA2	TSS26584	chr14:6500718-	2.22694	1.15347
CASK	TSS20632	chrX:41374188-	2.11227	1.44686
EIF3CL	TSS27638	chr16:2872278-	0.318838	8.71662
MPL	TSS27543	chr1:43803474-	0	0.204113
KBTBD8	TSS27679	chr3:67048726-	7.52581	18.0516
PRR7	TSS22217,TSS	chr5:17687379-	0.657399	6.10899
LINC01091	TSS19486,TSS	chr4:12457393-	0	0.0316595
CBX7	TSS14009	chr22:3952677-	12.5677	8.76617
MICAL1	TSS10658,TSS	chr6:10976526-	10.9162	10.4126
C1RL-AS1	TSS24108	chr12:7260903-	0.503845	0.575136
TNIP1	TSS1764,TSS1	chr5:15040950-	55.7512	81.4186
LINC01063	TSS9015	chr3:19635837-	1.40232	0.914229
AMDHD1	TSS25070	chr12:9633707-	0	0.836037
TUBGCP3	TSS23067	chr13:1131393-	7.16964	10.1369
ORC1	TSS19555	chr1:52838500-	0.795499	3.33569
TFR2	TSS16342,TSS	chr7:10021803-	0.452906	1.57095
C9orf172	TSS3126	chr9:13973886-	0.0603297	0.0583782
EPHX1	TSS12508,TSS	chr1:22599777-	2.11692	4.15262
SPATA20	TSS27300	chr17:4862444-	4.36172	4.82026
LINC00896	TSS12507	chr22:2019385-	0	0.0949785
EBF1	TSS21842	chr5:15812292-	7.36855	9.68871
NUDT6	TSS16590,TSS	chr4:12381379-	0.831705	0.647974
ABHD17A	TSS10877	chr19:1876974-	7.21276	13.0485
NBPF14	TSS27217	chr1:14825024-	4.52E-265	0.0111559
SLC5A2	TSS1242	chr16:3149443-	0.348404	0.0197019
RAD9B	TSS17624,TSS	chr12:1109400-	0.126837	0.466454
BCOR	TSS27505,TSS	chrX:39910498-	11.5767	8.13239
IDUA	TSS17519	chr4:980784-9-	0.203472	0.835696
TMEM75	TSS8208	chr8:12895880-	0.417253	0.43618
C9orf9	TSS34147	chr9:13575428-	0.603525	0.468583
ECT2	TSS1912	chr3:17246847-	0.606682	1.14503
LRRCC1	TSS29186	chr8:86019322-	0.685849	0.496023
KIF16B	TSS19093	chr20:1625274-	1.83416	1.7144
C16orf54	TSS18081	chr16:2975378-	9.21595	4.23848
CDC42BPG	TSS4981	chr11:6459166-	1.87843	0.486816
KIAA0040	TSS29906,TSS	chr1:17512612-	16.4265	10.442
MAFG-AS1	TSS23025	chr17:7988570-	0.5578	1.20492
HLA-DPB1	TSS8979	chr6:33043702-	57.2111	67.5023

SQLE	TSS6728	chr8:126010719	8.3317	36.8797
ZNF726	TSS7095	chr19:24097686	0.0189428	0.355968
NUDT16	TSS13155,TSS	chr3:131100514	7.10118	5.14394
CEBPB	TSS15422	chr20:48807119	12.8255	11.3875
UCN	TSS18946	chr2:27530264-	0	0.505397
TRIM46	TSS21930,TSS	chr1:155146262	0.0935616	0.137712
LOC101928979	TSS32819	chr1:145376209	0	0.225685
SLFN13	TSS42	chr17:33762114	2.27164	1.56851
ENTPD3-AS1	TSS23824	chr3:40432441-	0.356261	0.569016
HSPA1L	TSS9719	chr6:31777395-	3.80216	1.50249
ABCC4	TSS28458	chr13:95672082	0.560342	3.27149
MKNK1-AS1	TSS2953	chr1:47004367-	0.294277	0.184184
HLA-L	TSS29661	chr6:30227338-	4.13321	3.01638
CYP51A1-AS1	TSS27736	chr7:91763876-	0	0.0455968
ZSCAN9	TSS20794	chr6:28193028-	4.93252	4.89744
FITM1	TSS10017	chr14:24600674	2.04325	1.23661
TLDC2	TSS20830	chr20:35504526	0.43706	1.84E-09
LOC100129203	TSS3536	chr11:94963349	1.74352	0.756133
TMEM249	TSS18271,TSS	chr8:145576889	0	0.132433
BCAP29	TSS19666,TSS	chr7:107220427	2.06204	3.13703
CHD5	TSS28316	chr1:61618466-	0.0922081	0.0517521
PTTG1	TSS5290,TSS8	chr5:159848816	6.09824	6.45448
ZNF681	TSS28383	chr19:23921996	1.57094	1.15341
NFKBID	TSS6641	chr19:36379142	21.5779	9.15965
ARHGAP9	TSS24036,TSS	chr12:57866037	20.3044	20.0407
KIAA1524	TSS17425	chr3:108268717	0.590068	1.35824
N4BP2L2-IT2	TSS9879	chr13:33078642	2.33929	0.908589
TNFRSF12A	TSS3462	chr16:3070312-	0	1.26978
ATE1-AS1	TSS17170	chr10:12368782	0	0.234041
OSTF1	TSS17853	chr9:77703397-	28.9088	28.2649
PHYH	TSS12070,TSS	chr10:13319799	2.10844	2.93096
SMIM17	TSS22159	chr19:57154526	0	0.0679452
KIF4B	TSS2584	chr5:154393259	0	0.015152
NOL4L	TSS20974,TSS	chr20:31030867	1.24316	0.555643
FAM214B	TSS264	chr9:35104117-	2.05454	1.87241
ITSN1	TSS6971	chr21:35014786	0.545472	0.538349
RGS12	TSS14951,TSS	chr4:33158736-	1.2314	0.69626
ALS2CR12	TSS6512	chr2:202152996	0.566723	0.039903
PPT2	TSS24458,TSS	chr6:32121228-	1.27593	2.25733
KSR1	TSS11144	chr17:25799039	1.92839	8.00071
TMPRSS5	TSS14605	chr11:11355826	0.236823	0.0733607
C20orf96	TSS29336	chr20:25150362	1.8851	1.34795
DUSP16	TSS17432	chr12:12626219	2.12371	2.53065
ARMCX3	TSS12082,TSS	chrX:100878119	7.49946	9.13362
ABRACL	TSS11874	chr6:139349818	20.5198	37.8476
EID3	TSS32015	chr12:10469756	4.69089	4.07932
C16orf96	TSS26930	chr16:4606490-	0.140713	0.0742616
NABP1	TSS12351,TSS	chr2:192542797	6.26267	6.66725
CADM2	TSS13638,TSS	chr3:85008132-	0	0.0207269
TBC1D3H	TSS15455	chr17:34746062	0.000164142	0.888738
TBC1D32	TSS19148	chr6:121400639	0.690093	0.613721
S1PR1	TSS441	chr1:101702304	86.5143	96.3424
LOC401052	TSS19511	chr3:10048101-	0.421631	0.106075
LOC400927-C	TSS14680	chr22:38686696	2.79543	1.34359
COL6A4P2	TSS22849	chr3:129931662	0	0.0215193

TOR4A	TSS33904	chr9:140172279	3.41905	4.14295
MTAP	TSS8446	chr9:21802634-	2.47313	8.24613
ANXA2P1	TSS1924	chr4:154228620	1.64103	1.01599
ACACB	TSS5492	chr12:10957720	1.17989	0.458231
DLG3	TSS10999,TSS	chrX:69664704-	0.181434	0.418904
SYNPR	TSS22112,TSS	chr3:63263913-	0	0.011968
CHSY1	TSS21151	chr15:10171592	3.21512	6.91254
SARAF	TSS31219	chr8:29920527-	169.72	91.3049
FANCI	TSS12604	chr15:89787190	1.45669	3.91322
ITM2B	TSS18506	chr13:48807270	99.2624	47.9665
PTGER4P2-CL	TSS30137	chr9:66494268-	0.294589	0.134635
TIGD3	TSS1426	chr11:65122287	1.45968	0.663894
MYO5C	TSS27405	chr15:52484514	0.165357	0.284334
ARG2	TSS19469	chr14:68086570	6.60535	5.03218
ANGPT2	TSS17308	chr8:63571746-	0.379483	0.163151
XRRA1	TSS21573	chr11:74551954	2.05353	2.14568
SEPT7-AS1	TSS28914	chr7:35794573-	0.681425	0.587859
ARTN	TSS8210	chr1:44398991-	0	0.290827
CCBL1	TSS32821	chr9:131595220	0.927271	1.98982
HMGN3	TSS11628	chr6:79910961-	10.0489	26.869
LOC101927620	TSS20666	chr14:53620077	0	0.0710725
SHCBP1	TSS24357	chr16:46614467	0.707283	1.75827
CLEC18A	TSS11438,TSS	chr16:69984607	0.982222	0.397729
ENDOV	TSS24521	chr17:78388960	3.46548	4.85875
PAQR6	TSS3026	chr1:156213117	0.203731	0.107955
FNDC3B	TSS20775,TSS	chr3:171757417	0.270817	0.890619
POU2F2	TSS27170	chr19:42590267	28.4768	39.0793
ACTA1	TSS4319	chr1:229566992	0.335716	1.33999
IFFO2	TSS16075	chr1:19230773-	1.91254	2.56721
NLRP1	TSS21501	chr17:5404718-	13.7709	5.0735
NOSTRIN	TSS18930,TSS	chr2:169643040	0	0.0382195
NOTCH2	TSS32369	chr1:120454170	20.9517	16.2018
TTC23	TSS32613,TSS	chr15:99676527	0.319252	0.442755
CXorf57	TSS15104	chrX:105855150	1.35498	2.32195
GIPC3	TSS6401	chr19:3585568-	0	0.150317
SLC25A23	TSS24933	chr19:6440074-	1.44325	15.4273
LAT	TSS1310,TSS5	chr16:28996140	3.44287	0.934092
CCDC34	TSS22756	chr11:27360060	1.45675	3.70129
GNG10	TSS21902	chr9:114423850	2.10652	6.92028
MAP3K6	TSS28293	chr1:27681669-	0.220625	0.318226
PCBD1	TSS16606,TSS	chr10:72643264	4.29971	17.7818
ACVR2B	TSS7168	chr3:38495789-	0.814871	0.457732
MSL3P1	TSS16239	chr2:234774080	0.645924	2.24934
CTNNA1	TSS1156,TSS8	chr5:138089084	22.5733	21.5588
TP53INP1	TSS17661	chr8:95938199-	16.4315	5.86375
RNF39	TSS5747,TSS5	chr6:30038042-	1.52509	0.161128
FBXO32	TSS16488,TSS	chr8:124510120	2.18094	0.716578
GLMP	TSS30438	chr1:156262477	5.1968	5.78754
C1orf168	TSS4325	chr1:57184476-	0	0.00326643
MIR4426	TSS3663	chr16:61089610	0	12859.5
DOK4	TSS14261	chr16:57505860	0.290502	0.399815
FAM231D	TSS7083	chr1:149287450	3.50664	2.06222
DLG4	TSS1192,TSS2	chr17:7093209-	0.661335	0.68909
ESRP2	TSS11646	chr16:68262440	0.35774	0.695694
NDC80	TSS11514	chr18:2571509-	0.893963	2.06864



LOC100507487	TSS4127	chr4:129349170	0	0.101878
TMEM2	TSS27963	chr9:74298281-	6.49219	4.17975
FGD3	TSS16023,TSS	chr9:95709600-	30.1118	13.992
ZNF101	TSS10178,TSS	chr19:1977896-	21.4729	9.98588
LOC101927905	TSS23020	chr12:8388010-	1.36882	0.809313
LOC100128568	TSS1464	chr19:5978413-	0	0
SCARNA7	TSS17885	chr3:160232694	4.74911	1.56531
C16orf93	TSS1792	chr16:30768740	0.731586	0.0768739
C9orf64	TSS16897	chr9:86553226-	2.53078	7.57177
ADAMTS6	TSS31691	chr5:64444562-	0.181131	0.195363
GOLGA2P10	TSS2332	chr15:82763610	0.740045	2.0231
PIK3R1	TSS12910,TSS	chr5:67511583-	8.86722	5.94293
SLFN11	TSS17814	chr17:33677320	8.33681	3.01254
PUS7	TSS27455	chr7:105096950	2.8141	15.3084
SPAG5	TSS15358	chr17:26904580	1.51144	2.62326
CYSRT1	TSS21749	chr9:140119080	0	0.200048
SLC8B1	TSS30187	chr12:11373650	8.39993	3.36613
FAM127B	TSS32205	chrX:134184960	1.12972	3.63771
CCDC102A	TSS21807	chr16:57546080	2.72742	1.53622
AMY1A	TSS2202,TSS6	chr1:104198140	0.735956	0.240004
ARHGAP10	TSS23763	chr4:148653450	0	0.301596
TTC21A	TSS30444	chr3:39149151-	1.06064	0.860796
MYOT	TSS12301	chr5:137203540	0	0.122665
MAP3K8	TSS11136	chr10:30722940	7.30551	4.85313
ROS1	TSS2846	chr6:117609520	0	0
BCL2L2	TSS30887,TSS	chr14:23775970	3.33536	1.58102
NPC1	TSS13234	chr18:21111460	4.49491	4.75689
LOC102723701	TSS18213	chr8:37592278-	0	0.218664
DNMT3A	TSS34080,TSS	chr2:25455829-	5.33428	5.03411
LOC442028	TSS9054	chr2:95534429-	0.00119821	0.0511974
ISL2	TSS11326	chr15:76629060	0	0
FLJ32255	TSS2217	chr5:42985500-	4.29511	2.77653
LOC102723582	TSS18164	chr3:122135050	1.1002	0
DERL3	TSS9316	chr22:24176680	7.91894	7.8492
NLRC5	TSS25049	chr16:57050980	12.0498	12.0852
TCEA1	TSS33374	chr8:54879113-	27.5416	26.4545
IL6ST	TSS12065	chr5:55230924-	4.85774	11.9121
CCDC64	TSS19518	chr12:12042760	3.21175	1.52826
MST1	TSS13385	chr3:49721379-	1.04019	0.134233
LOC100133331	TSS13166	chr5:180750500	0.00121786	0.126106
MPZL1	TSS4946	chr1:167691180	4.76071	6.75178
REEP6	TSS11350	chr19:14911640	0.207331	0.830036
HELLS	TSS18833	chr10:96305520	1.15309	4.98629
USP27X-AS1	TSS19619	chrX:49641326-	0	0.380076
TECR	TSS11850	chr19:14640370	8.41153	19.2364
LINC00540	TSS15774	chr13:22784420	0.316583	0.114401
HP09053	TSS29113	chr3:99535475-	6.74E-54	0.117635
MIR4426	TSS15958	chr1:192685450	0	118693
UBE2J1	TSS16900	chr6:90036343-	28.277	26.8603
ARHGEF39	TSS5137	chr9:35659340-	0.540963	0.47566
LINC00539	TSS28390,TSS	chr13:21877650	0	0.435406
HEATR4	TSS32631	chr14:73945180	0.35319	0.141569
PDE8B	TSS10886	chr5:76506705-	0	0.215328
PDZK1P1	TSS5522	chr1:147466090	0.186959	0.0785205
GGH	TSS24837	chr8:63927638-	3.14535	2.82672

MFSD10	TSS20348,TSS	chr4:2932287-7	15.1883	23.2906
EPS8L2	TSS26472	chr11:706119-7	1.94846	1.63848
TMEM150A	TSS32996	chr2:85825669-	3.88636	12.7562
RECQL4	TSS14153	chr8:145736666-	1.26785	2.68751
MMP14	TSS9941	chr14:2330574-	0.291963	0.207151
SYNE2	TSS1201,TSS6	chr14:6431968-	8.73379	4.81954
SLC12A2	TSS25767	chr5:12741948-	4.80629	4.4726
MBOAT1	TSS27649	chr6:20099915-	1.46603	0.442964
GJA9-MYCBP	TSS1507	chr1:39328161-	0.000835988	7.11E-06
HSP90B2P	TSS19353	chr15:9979772-	1.99028	2.87488
NAGPA-AS1	TSS620	chr16:5083702-	0.973607	0.181743
MIR5047	TSS2678	chr17:6249733-	0	125.86
TRIM47	TSS20533	chr17:7387024-	1.2728	1.35511
LINC01287	TSS6021	chr7:15309700-	0.0743091	0.0256094
CLIP3	TSS13882,TSS	chr19:3650556-	0.195109	0.21734
PXMP2	TSS20712	chr12:1332641-	1.68751	2.78106
MROH8	TSS4826	chr20:3572962-	0.113699	0.702537
TMSB15B	TSS26909	chrX:10321719-	3.92154	0.972118
PAQR4	TSS30224,TSS	chr16:3019245-	0.658928	1.19509
GDAP1	TSS2283	chr8:75262617-	0.850794	1.60742
DISP2	TSS12915	chr15:4065043-	0.137118	0.0596884
ZNF345	TSS11343,TSS	chr19:3734125-	3.11775	2.01549
HESX1	TSS10380	chr3:57231943-	0.4142	1.10764
LOC10192851	TSS13982	chr6:74779166-	0.345581	0.0241574
DNMT1	TSS13645	chr19:1024402-	9.5367	27.1587
FLJ35934	TSS23319	chr17:1831447-	0	0.226267
NKIRAS1	TSS28643	chr3:23933571-	3.03467	3.47428
CCNE1	TSS3439	chr19:3030290-	0.1405	4.56996
LCK	TSS23247,TSS	chr1:32716839-	8.69112	12.5506
B3GNTL1	TSS11520	chr17:8090166-	0.788238	1.40741
NID2	TSS19067	chr14:5247151-	0	0.0793562
PEX11A	TSS27073	chr15:9022476-	0.813706	2.6436
ZNF141	TSS18578	chr4:331595-3-	4.20016	4.07118
PRR22	TSS27832	chr19:5782970-	1.32676	2.34601
AGO4	TSS14619	chr1:36273827-	8.78286	3.28568
KIAA1161	TSS3622	chr9:34366663-	0.670769	0.524183
NDRG1	TSS26384	chr8:13424941-	23.6663	8.85056
GOLGA2P7	TSS30755	chr15:8486759-	0.531375	2.70877
LYN	TSS13116	chr8:56792385-	38.3953	37.8293
DUSP14	TSS3838	chr17:3584995-	1.64715	2.28734
DNAJB4	TSS25041	chr1:78470635-	29.5212	12.3805
LOC101928402	TSS28585	chrX:12309308-	0	0
P2RY11	TSS1478	chr19:1022219-	3.30E-37	17.6029
JMJD1C-AS1	TSS25012	chr10:6522498-	0.571349	0.426576
LOC10099657	TSS446	chr2:16210124-	0.635077	3.20562
GPX1	TSS19236	chr3:49394608-	31.0486	59.664
SLCO3A1	TSS5106	chr15:9239693-	1.10336	0.167201
GGACT	TSS24467,TSS	chr13:1011824-	0.066774	1.30519
HECTD2	TSS5253	chr10:9317004-	1.39179	1.02037
SNORA15	TSS997	chr7:56128162-	11.9544	4.47969
ZNF192P1	TSS6854	chr6:28129538-	0.56246	0.152491
HK2	TSS7828	chr2:75059781-	0.788618	17.0422
NOP14-AS1	TSS31187	chr4:2937272-	0.540997	0.763063
RCCD1	TSS24277	chr15:9149810-	3.19775	2.50128
ZNF10	TSS17408	chr12:1337072-	2.51961	1.21874

HUS1B	TSS711	chr6:655938-65	0	0.940197
SLC43A2	TSS20407,TSS	chr17:1472547-	22.9578	9.14808
ATP2A1-AS1	TSS20151	chr16:2889027-	0	1.25459
WDR62	TSS32317	chr19:3654578-	0.511643	1.45301
SEPW1	TSS8119	chr19:4828184-	19.1046	13.4156
GS1-259H13.2	TSS21154	chr7:99195901-	0.484936	0.649379
GLIDR	TSS7958	chr9:41948513-	4.27077	5.86619
PIM1	TSS10204	chr6:37137921-	23.0245	9.44642
EFEMP2	TSS11270	chr11:6563391-	0.329868	0.419692
PRRT3-AS1	TSS32392	chr3:9989087-(	1.38E-08	0.542954
FAM71F2	TSS17091,TSS	chr7:12831231-	0.639368	0.150294
LOC100294362	TSS8948	chr17:7832563-	0.823656	0.250362
CTSD	TSS33070	chr11:1773981-	41.0709	33.3119
IDI2-AS1	TSS24642	chr10:1068576-	0.287259	1.48155
PDE4B	TSS1215,TSS2	chr1:66258192-	27.3876	19.5316
GGNBP1	TSS34206	chr6:33551475-	0.250374	0.155321
ARSB	TSS14013,TSS	chr5:78073036-	2.45755	3.06157
MUSTN1	TSS13813	chr3:52867130-	1.18561	0.435914
LOC100507291	TSS18474	chr3:13910864-	3.67858	0.815952
TBKBP1	TSS24883	chr17:4577262-	0.525474	1.86264
POPODC2	TSS9937	chr3:11936089-	0.603637	0.233783
MBNL3	TSS10757,TSS	chrX:13150334-	3.80366	4.85436
TMCC1-AS1	TSS22976	chr3:12961271-	0	0.232569
SLC46A1	TSS23926	chr17:2672166-	1.38478	0.77607
ITGA7	TSS25440,TSS	chr12:5607835-	0.310406	0.101646
C3orf35	TSS10804,TSS	chr3:37427759-	0	0.316102
PCSK4	TSS28309	chr19:1481426-	0	0.0509035
CDC6	TSS22670	chr17:3844414-	0.20223	6.82093
CHRM5	TSS6354	chr15:3426108-	0.145154	0.112364
ZFP14	TSS15993	chr19:3682535-	3.51272	1.25066
MEI4	TSS28354	chr6:78400372-	0	0
MSH4	TSS11372	chr1:76262555-	0.134048	0.0933852
ZNF235	TSS12658	chr19:4479050-	5.94371	2.69276
SCUBE3	TSS20048	chr6:35181838-	0.187901	0.138264
LOC101928279	TSS13364	chr4:4763486-	0	0.0581797
PRKAR2A-AS1	TSS2209	chr3:48885369-	1.25507	0.0901336
SGOL1	TSS3051	chr3:20202084-	2.03816	2.08904
ANXA2P3	TSS2737	chr10:6658528-	0.0528399	0.825719
TUFT1	TSS27417,TSS	chr1:15151278-	3.8656	2.11035
ZNF577	TSS16993,TSS	chr19:5235905-	3.23314	1.32433
WBP2NL	TSS17061	chr22:4239472-	0.6983	0.116164
RPL22L1	TSS14729	chr3:17058266-	4.41201	28.3229
SNX11	TSS27002,TSS	chr17:4618491-	11.0616	20.1221
KIAA1024	TSS25923	chr15:7972485-	0.0951198	0.122672
LINC00341	TSS15371	chr14:9587360-	3.27913	3.01222
MYO1A	TSS22534,TSS	chr12:5742230-	0	0.124556
DNAJB13	TSS10517	chr11:7366136-	0.390454	0.340196
LOC100132057	TSS6195	chr1:14368712-	0.599966	0.400101
MKLN1-AS	TSS33592	chr7:13099450-	0.643319	1.37429
SPACA6P	TSS34109	chr19:5219659-	0.695858	0.0898153
TMEM139	TSS10357,TSS	chr7:14298199-	1.02059	0.0420535
DDIAS	TSS16636	chr11:8261273-	1.43631	2.50852
ADAM20P1	TSS28378	chr14:7093559-	0.232489	0.157474
SAMSN1	TSS5195,TSS7	chr21:1585754-	25.9009	28.2407
ANKS6	TSS32243	chr9:10149429-	0.621235	1.90238

SFXN2	TSS12599	chr10:10447429	1.25319	2.11565
SYK	TSS24601,TSS	chr9:93563961-	34.2988	31.3561
LOC100129461	TSS17728,TSS	chr6:5004049-	0.167033	1.03897
PLK4	TSS22853,TSS	chr4:12880201-	0.0118252	1.3735
SKAP1	TSS27323	chr17:4621080-	3.40162	2.43065
EIF4EBP3	TSS13099	chr5:139927250	0.399871	10.9481
TMEM135	TSS18218	chr11:8674888-	0.725786	0.827368
CENPA	TSS31089,TSS	chr2:27008881-	0	0.204688
GOLGA2P10	TSS19560	chr15:8314019-	0.47702	1.5267
FKBP5	TSS22884,TSS	chr6:35541361-	8.5947	11.5399
PTGES3L	TSS11552	chr17:4112010-	0.667163	0.500899
BRIP1	TSS8592	chr17:5975654-	0.099038	0.37912
LMTK3	TSS4565	chr19:4898852-	0.216922	0.115794
FSIP2	TSS32875	chr2:18660335-	0.023956	0.0154442
RILPL1	TSS20864	chr12:12395590	0.71849	0.265416
RGL4	TSS5028	chr22:2403304-	2.5307	2.10712
CENPM	TSS13227,TSS	chr22:4233472-	3.12635	13.2569
STIL	TSS8930	chr1:47715810-	0.11456	1.54899
PRNP	TSS31401,TSS	chr20:4666796-	23.0387	24.1895
RIMBP3B	TSS23744	chr22:2173803-	0.124485	0.089048
TRG-AS1	TSS25570	chr7:38381177-	1.47514	0.510674
SLC39A5	TSS17962,TSS	chr12:5662381-	0	0.0358937
HSF4	TSS9839	chr16:6719728-	6.04E-10	0.0156414
CDKL5	TSS16731,TSS	chrX:18443724-	0	0.495449
MAGEE1	TSS5798	chrX:75648045-	0.436485	0.913078
KDM5D	TSS8973	chrY:21867300-	12.9041	10.7094
LINC01278	TSS6554	chrX:62646438-	1.70185	2.42127
ZNF487	TSS1232	chr10:4393257-	0.346249	0.341414
SSR3	TSS26265,TSS	chr3:15625734-	13.9976	24.4226
KHK	TSS1472	chr2:27309610-	0.315236	0.66043
C4B	TSS6072	chr6:31982571-	0.35299	0.30281
CCDC138	TSS24084	chr2:10940320-	1.63321	2.22529
FAM162A	TSS3584	chr3:12210302-	8.03893	58.2799
GALNTL6	TSS12644	chr4:17273457-	0.00259057	0.0180324
LTBP2	TSS26019	chr14:7496488-	0.681083	0.376965
SAPCD1-AS1	TSS6198	chr6:31731912-	0	1.64109
RGS3	TSS10286,TSS	chr9:11620700-	3.62522	1.45926
IFNGR2	TSS21320	chr21:3477520-	22.5332	24.1247
ZNRF2P1	TSS24845	chr7:32767561-	0.260469	0.345782
OGFRL1	TSS16450	chr6:71998476-	13.5929	9.60485
VIM-AS1	TSS32159,TSS	chr10:1725623-	3.81603	2.46034
LOC399715	TSS31903	chr10:6368506-	0.863844	0.27671
LYST	TSS17375,TSS	chr1:235824330	5.90769	3.32542
SRD5A3	TSS19153	chr4:56212387-	1.35278	1.20362
SND1-IT1	TSS20456	chr7:12763756-	0.260321	0.443395
KANSL1-AS1	TSS12678	chr17:4427093-	0.351341	0.364508
LSR	TSS26137	chr19:3573955-	6.27677	6.37011
PDLIM7	TSS3985	chr5:17691039-	6.49961	11.8946
GALNT11	TSS23286	chr7:15172275-	4.67621	6.01918
SORBS3	TSS1267,TSS6	chr8:22409250-	5.64424	3.26015
ANP32A-IT1	TSS20728	chr15:6909615-	0.763094	0.901564
LOC100132057	TSS26794	chr1:14787463-	0.602841	0.397734
FBXO6	TSS13979	chr1:11724149-	4.32751	6.76338
SH3BP2	TSS10683,TSS	chr4:2794749-	2.55869	7.44992
LOC155060	TSS2736	chr7:14898237-	0.809488	0.81297

SOX12	TSS34173	chr20:306214-6	3.44417	3.50604
BPGM	TSS9810	chr7:134331530	3.14468	5.57003
TAF7L	TSS13904,TSS	chrX:100523240	0	0.00638383
HMGB3	TSS21960,TSS	chrX:150148980	0	0.892125
LOC283335	TSS12859	chr12:53436972	0.541196	0.395019
EPHA6	TSS14876,TSS	chr3:96533424-	0	0.0140784
TMEM156	TSS27697	chr4:38968365-	22.8273	8.86011
NEK8	TSS20498	chr17:2705583-	1.71955	3.98152
AGPAT5	TSS11409	chr8:6565877-6	7.95379	21.1381
INA	TSS19261	chr10:1050369-	0.108848	0.0245746
PCTP	TSS14735,TSS	chr17:53828339	6.30754	4.64537
MIR1244-2	TSS2676	chr5:118310280	0	4046.8
TBC1D19	TSS6546	chr4:26585545-	0.711187	0.853257
MIR4435-2HG	TSS28120	chr2:112124590	12.6584	21.9509
VSIG10	TSS944	chr12:11850139	0.224153	0.140108
CD52	TSS8683	chr1:26644410-	270.759	145.759
SMAD7	TSS21204,TSS	chr18:46446222	19.9564	6.7716
ZNF528	TSS28162	chr19:52901120	2.3351	1.86417
ZNF763	TSS7708	chr19:12075868	5.92594	1.33403
SRRM2-AS1	TSS22919,TSS	chr16:2787076-	0	0.0804601
CKLF	TSS29895	chr16:66586465	8.87506	4.44781
DYNC2H1	TSS13230	chr11:10298015	0.23761	0.162821
C5orf63	TSS2264	chr5:126378249	1.96631	1.65621
LY9	TSS23153	chr1:160765860	25.8394	52.9744
SNAI3	TSS11489	chr16:88744089	1.86019	1.31556
LHPP	TSS29435	chr10:12615034	2.41616	2.23308
CORO1B	TSS1119,TSS3	chr11:67205517	9.04728	11.8898
TJP2	TSS11126,TSS	chr9:71736179-	1.28143	1.61427
PACRG	TSS16964,TSS	chr6:163148160	0.140365	0.0463128
TTC9	TSS23725	chr14:71108500	9.74208	5.35459
PAPPA-AS1	TSS4534	chr9:119160436	0	0.203892
APOLD1	TSS22640,TSS	chr12:12878850	0.602119	0.338893
LIME1	TSS26705,TSS	chr20:62367052	7.37459	3.47826
MOK	TSS13616,TSS	chr14:10269080	0.58998	0.959379
HSPB9	TSS29749	chr17:40274755	0	0.0720385
LINC00623	TSS27520,TSS	chr1:14957548-	4.13255	4.33088
TMEM154	TSS15223	chr4:153547265	12.3603	5.08023
SLC35E3	TSS225	chr12:69139935	4.76125	3.44963
HDGFL1	TSS23262	chr6:22569677-	0	0.166386
C21orf58	TSS23723,TSS	chr21:47720340	0.229022	0.745478
SETBP1	TSS19210,TSS	chr18:42260137	7.70349	3.72324
TCP11L2	TSS2890	chr12:10669656	23.5563	6.44991
AMY1A	TSS21813,TSS	chr1:104230039	1.46244	0.436773
PPP2R3A	TSS29271,TSS	chr3:135684514	0.326642	0.33976
SLC17A9	TSS26731	chr20:61583998	2.04563	25.9452
LINC00304	TSS15257	chr16:89225627	0.261028	0.0310949
CCNB1IP1	TSS33528	chr14:20779526	17.6329	19.3376
CATSPERG	TSS17670	chr19:38826442	0.293016	0.154219
GAL3ST4	TSS30868	chr7:99756864-	0.105401	0.204007
KLRG1	TSS1686	chr12:9142220-	0	0.617364
ECHDC2	TSS16264	chr1:53361581-	6.42374	3.10502
PIN1P1	TSS2727	chr1:70385004-	0	0.233826
C1RL	TSS1631	chr12:7247145-	0.961506	1.14456
LOC100506801	TSS3861	chr1:21619782-	1.16035	0.657005
LIMD1-AS1	TSS12677	chr3:45719656-	0.362993	0.587651

HMGN3-AS1	TSS4687	chr6:79943390-	0.0201974	0.366461
CAPN12	TSS20812	chr19:3922083-	2.2757	1.00817
LMAN1	TSS2560	chr18:5699505-	9.04956	20.2289
TNNC1	TSS5466	chr3:52485106-	0	0.489001
SNTB1	TSS33811	chr8:12154798-	5.05547	2.36216
AZIN1-AS1	TSS532	chr8:10387649-	0	0
OCLN	TSS1014,TSS3	chr5:68788118-	0.0258722	0.0729152
SNORD10	TSS10946	chr17:7480128-	100.999	0
LOC654342	TSS28166	chr2:91824708-	2.07691	1.77418
CCDC24	TSS31043	chr1:44457279-	0.354272	0.898295
ABCA5	TSS17431,TSS	chr17:6724057-	1.64463	0.953779
FSD1	TSS17284	chr19:4304590-	0	0.15372
SOCS1	TSS11876	chr16:1134827-	14.5387	9.2671
SLC10A5	TSS20575	chr8:82605890-	0	0.0561614
NFATC1	TSS19945,TSS	chr18:7715577-	15.9245	10.6961
PM20D2	TSS31858	chr6:89855768-	2.83451	10.095
THRA	TSS15855,TSS	chr17:3821844-	1.6509	3.0331
ZNF850	TSS21244	chr19:3723437-	1.17961	0.871251
SNHG19	TSS2350	chr16:2204782-	41.272	42.0633
F8A3	TSS20587	chrX:15411464-	3.61E-07	2.24E-07
RRAS2	TSS11265,TSS	chr11:1429946-	8.76243	12.4367
PIK3AP1	TSS10627	chr10:9835306-	26.4841	124.095
HLA-DRB5	TSS32083	chr6:32485153-	139.712	202.37
DHX58	TSS16245	chr17:4025342-	1.8376	1.91006
TANK	TSS2428,TSS3	chr2:16199346-	37.5519	29.0826
DUSP22	TSS20778	chr6:292056-3-	16.8938	19.9269
EVI2B	TSS2913	chr17:2963078-	107.877	42.8447
FABP5P3	TSS10074	chr7:15213397-	0	0.0341112
PRR11	TSS12241	chr17:5723285-	0.796721	0.541468
TCIRG1	TSS13834,TSS	chr11:6780646-	36.7588	28.0117
PCDHGA10	TSS14507	chr5:14079274-	1.85E-281	0.319029
TC2N	TSS31425,TSS	chr14:9224609-	3.67259	2.73501
GENPE	TSS22650	chr4:10402696-	1.233	0.387201
HIST1H2BN	TSS17743	chr6:27806439-	2.65256	7.06388
FOXRED2	TSS10083,TSS	chr22:3688323-	0.99804	3.98337
CTTNBP2NL	TSS14252	chr1:11293879-	0.45817	0.478355
RGS19	TSS10347,TSS	chr20:6270453-	18.9446	29.6803
SLC29A1	TSS1676,TSS2	chr6:44187241-	2.51404	27.135
ATP6V0E2-AS	TSS9335	chr7:14956478-	0.201115	0.206882
CLCN5	TSS17250,TSS	chrX:49687224-	1.04585	0.652947
CEP55	TSS20768,TSS	chr10:9525636-	0	0.940379
RAPGEF3	TSS11862,TSS	chr12:4812845-	0.15674	0.115515
LINC00884	TSS29453	chr3:19420786-	0	0.371655
CACTIN-AS1	TSS10605	chr19:3607244-	2.98E-34	0.251178
KCNJ13	TSS7666	chr2:23363051-	0.702078	0.563657
IFI35	TSS13403	chr17:4115874-	7.96476	9.78095
C12orf75	TSS32051	chr12:1057244-	2.36346	1.10421
SLC34A3	TSS19083,TSS	chr9:14012520-	0	0
RHBDL2	TSS4348,TSS5	chr1:39351477-	0.247056	0.0188007
GBAT2	TSS7889	chr1:15131948-	1.21934	1.78213
PROZ	TSS24494	chr13:1138129-	0.252192	0.268655
LOC284412	TSS28963	chr19:3775684-	0	0.238352
PDZK1P1	TSS16857	chr1:14592438-	0	0.0775528
PWAR5	TSS2133	chr15:2523000-	3.41993	0.724702
FPGT-TNNI3K	TSS29594	chr1:74663895-	8.74E-31	0.0496081

CBLN3	TSS29811	chr14:24895730	0.899948	1.16382
PFKM	TSS29230,TSS	chr12:48499650	5.24124	49.301
PAOX	TSS6299	chr10:13519270	2.76192	2.48317
FAM19A2	TSS15000	chr12:62102020	0	0.0729678
HMGCR	TSS26387	chr5:74632992	6.90301	26.6117
ALPK1	TSS6999	chr4:113218490	2.15994	1.1079
DNAJC10	TSS336	chr2:183580760	9.49589	13.8421
SERPINF2	TSS19690,TSS	chr17:16461290	0.817418	0.134141
MDGA1	TSS25727	chr6:376002830	2.05628	0.343282
LOC389247	TSS6509	chr4:184415880	0	0.26323
LINC00877	TSS21888	chr3:720846690	0	0.766325
HIVEP2	TSS13656	chr6:143072600	9.64623	6.24825
PRR34	TSS458	chr22:46446330	0.124867	0.0773671
SLC25A10	TSS27740	chr17:79679260	0.143399	5.82421
MAST2	TSS27466	chr1:462692840	2.572	4.68639
LINC01572	TSS29514	chr16:72317190	0.00267004	0
YJEFN3	TSS21261	chr19:19639660	0.640863	0.632739
PAX8	TSS28044	chr2:113973570	0.0119895	0.343863
LOC374443	TSS27597,TSS	chr12:97698790	20.462	6.81682
FAS	TSS8975	chr10:90750280	4.13642	7.20576
LINC01140	TSS12588,TSS	chr1:875954470	0.246672	0.22048
KIF1B	TSS2879	chr1:102707630	2.00388	1.62262
ZNF347	TSS16840,TSS	chr19:53641950	4.24785	1.97634
TXNDC5	TSS10264,TSS	chr6:78814820	18.6484	59.1054
ATP13A5	TSS24213	chr3:192992830	0	0
ZNF222	TSS31965	chr19:44529490	4.81984	2.16795
HCFC1-AS1	TSS8453	chrX:153234210	0.067177	0
CDKN2D	TSS1647,TSS9	chr19:10677130	16.1899	6.1414
GLIPR1	TSS26336	chr12:75874510	25.0042	15.2898
PLXNA2	TSS16777	chr1:208195580	0.0998399	0.102994
ICOSLG	TSS10739	chr21:45642870	18.7441	16.4394
PRKX	TSS32706	chrX:35223830	11.3406	10.1623
ZNF441	TSS22223	chr19:11877810	9.63109	3.52366
HLA-DOA	TSS6923	chr6:329719590	18.2997	20.9062
PDK1	TSS19448,TSS	chr2:173420100	4.66523	4.28545
LFNG	TSS19774,TSS	chr7:25521620	25.2944	8.02396
LOC101927050	TSS19814	chr3:125546070	0.927037	0.850517
ANKRD13B	TSS8166	chr17:27920520	0.221896	3.83249
CDCA5	TSS17855	chr11:64844920	0.571044	4.58182
SEPN1	TSS16850	chr1:261266660	3.04758	6.01971
WTIP	TSS10250	chr19:34972870	0	0.110917
ZNF630	TSS10435,TSS	chrX:479175660	3.32051	1.30141
LOC102723850	TSS27577	chr17:36337710	2.18E-05	0.936086
FTH1P3	TSS21596	chr2:276154890	11.4415	37.6754
LOC643770	TSS27246	chr12:98879320	0.402224	0.233642
LOC100506142	TSS4028	chr2:467953950	0.863757	0.143393
CKAP2L	TSS5527	chr2:113493920	0.00912736	0.384033
NRG4	TSS8226	chr15:76234320	1.13833	0.35258
KIF23	TSS23792	chr15:69706580	0	0.925048
MAD2L1	TSS21053	chr4:120980570	0.821017	6.28485
TMC3-AS1	TSS25886	chr15:81616670	0	0.177486
TMSB15A	TSS19757	chrX:101768600	0	0.518463
NRN1L	TSS29736	chr16:67918780	0	0.00867578
NRIP1	TSS26006	chr21:16333550	4.85281	5.58002
ARHGAP25	TSS2181,TSS2	chr2:689619120	32.628	23.5167

LOC100506551	TSS101	chr12:11741524	0.361993	0.164661
STOM	TSS32525	chr9:124101261	5.04777	12.3148
LBX2-AS1	TSS2735	chr2:74729743-	4.56E-07	0.509153
RFX3-AS1	TSS22907	chr9:3668085-1	1.15003	0.720083
FLJ37201	TSS30274	chr10:91451056	0.119285	0
FAM109B	TSS30350	chr22:42470254	0.558364	1.6846
TEX26-AS1	TSS23200	chr13:3145697-	0.00550195	0.055388
HCG17	TSS2878	chr6:30201815-	1.4044	2.22499
SLC18B1	TSS25710	chr6:133090506	2.34457	6.62507
ZNF501	TSS5782	chr3:44771097-	1.01296	1.08401
TRAM1L1	TSS12377	chr4:118004709	0.0597598	0.00578474
RHCE	TSS29085	chr1:25688739-	0.506405	0.152917
C22orf24	TSS11687,TSS	chr22:32329506	0	0.285253
HSD17B11	TSS27603	chr4:88257676-	22.8196	10.9416
MDFIC	TSS681	chr7:114562208	14.1982	12.7697
ARHGAP11B	TSS23778	chr15:30918878	0.245077	1.67217
C1QTNF9B-AS1	TSS30610,TSS	chr13:2446302-	0.90451	0.405931
GOLGA2P10	TSS13130	chr15:82944741	0.505626	1.85339
RGS9BP	TSS30825	chr19:33166311	0	0
LOC553103	TSS5638	chr5:131646968	0	0.316102
LOC103091866	TSS32063	chr1:14957626-	5.9561	2.02559
11-Sep	TSS9294	chr4:77870866-	3.95685	9.70925
CTSB	TSS15475	chr8:11700033-	39.8932	17.8677
CDK6	TSS15138,TSS	chr7:92234234-	1.8653	6.96842
MLLT11	TSS17122	chr1:151032156	1.44458	2.02645
GCNT1	TSS1474,TSS2	chr9:79056581-	0.75362	0.766638
RASSF2	TSS33560,TSS	chr20:4760668-	34.542	26.4623
ARNTL	TSS27705	chr11:13299271	6.14	2.52865
PHOSPHO2-K1	TSS22893	chr2:170550961	0.0124326	0.574209
VCL	TSS7345	chr10:7575787-	6.9819	6.05189
DDX60	TSS22050	chr4:16913744-	1.52604	1.36206
METRNL	TSS5925	chr16:765172-	1.39637	4.78414
LACTB2-AS1	TSS30993	chr8:71520811-	0.387761	0.159506
LOC728392	TSS7936	chr17:5402746-	5.50021	1.63144
MTA3	TSS15923,TSS	chr2:42721708-	4.15223	5.07646
DHX32	TSS21102	chr10:12752496	3.22106	6.87455
P2RX4	TSS10813	chr12:12164766	2.25098	2.77517
ZFYVE28	TSS333,TSS91	chr4:2271323-1	0.0664799	0.620597
LOC102723885	TSS17016	chr7:87845974-	0	0.482116
FMNL3	TSS5218	chr12:50031721	10.1288	9.05947
SNX16	TSS23691	chr8:82711817-	4.83607	3.06385
SC5D	TSS23126,TSS	chr11:12116338	2.33719	5.68246
NAMPT	TSS15360	chr7:10588873-	6.42475	10.8503
CYB5A	TSS2341	chr18:71920526	10.3668	17.3395
ARRB2	TSS27357	chr17:4613788-	29.9387	22.9949
ZNF438	TSS2066,TSS2	chr10:31133564	0.127568	1.11907
MDH1B	TSS19179	chr2:207602488	0	0.0159393
PCDHGB7	TSS19245,TSS	chr5:140797211	0.657546	0.293346
NAAA	TSS29829	chr4:76831807-	5.11906	5.89514
ZC4H2	TSS29332,TSS	chrX:64135681-	3.66311	3.41353
FOXM1	TSS8661	chr12:2966846-	0.43967	1.38398
SGK3	TSS24520,TSS	chr8:67624652-	0.363047	0.957421
LRRC70	TSS27955	chr5:61874561-	0.540573	0.186031
GRIK1-AS2	TSS2330	chr21:30968359	0	0.320887
JPH3	TSS23249,TSS	chr16:87635446	0.166593	0.109381



IBA57-AS1	TSS17731,TSS	chr1:228351786	0	0
SULT1A3	TSS31954	chr16:30210548	5.56645	0.361016
EDNRB-AS1	TSS13427	chr13:7839307	0	0
WHAMMP2	TSS26144	chr15:28982728	0.648468	0.78979
WARS	TSS17973,TSS	chr14:10080012	24.7612	89.144
LINC01410	TSS29492	chr9:66457288-	2.26128	0.714835
FAM218A	TSS11208	chr4:165878098	0.851534	0.530716
NUAK2	TSS1704	chr1:205271190	20.0607	4.57886
LOC100506746	TSS33561	chr4:87846045-	0	0.308638
AHNAK	TSS3	chr11:62201018	26.9631	8.54979
ZBTB12	TSS24766	chr6:31867393-	0.24547	2.80415
SH3BGR	TSS10046,TSS	chr21:40817796	0	0.618251
NINL	TSS18119	chr20:25433333	0.286338	0.248451
PRC1	TSS14842	chr15:91509267	1.22399	2.56852
CXorf58	TSS6781	chrX:23926122-	0	0.117424
LOC100287632	TSS3030	chr6:119103870	0.0306193	0.0118872
NHLRC4	TSS1204	chr16:616994-6	0.174206	0.573373
CENPU	TSS23560	chr4:185615218	1.78543	2.87445
DUSP19	TSS7349	chr2:183943286	0.190073	0.108719
NODAL	TSS8379	chr10:72191697	0.304097	0.0841015
SAMHD1	TSS19290	chr20:35520226	1.79134	6.0867
ESPL1	TSS7189	chr12:53662082	0.122706	0.799573
MYH7B	TSS7236	chr20:33543637	0.0844667	0.130721
MANEAL	TSS23210,TSS	chr1:38259773-	1.02694	3.3878
AURKC	TSS10093,TSS	chr19:57742376	0	1.06186
IRF8	TSS13695	chr16:85932778	103.775	146.701
MCM8	TSS959	chr20:5931297-	2.585	5.06268
CCNF	TSS892	chr16:2479394-	0.748827	1.62899
TNFRSF1A	TSS29860	chr12:6437922-	0.97175	0.454601
ANKRD20A1	TSS11918	chr9:67926760-	0.0432102	0.0254066
UBE2T	TSS8494	chr1:202300784	2.52982	12.6897
ATOX1	TSS3395	chr5:151122382	19.9977	91.6773
CDH26	TSS23204,TSS	chr20:58533470	0.0137769	0.520589
WEE1	TSS1691,TSS4	chr11:9595227-	6.1153	6.67453
DAAM1	TSS23160,TSS	chr14:59655380	4.39032	2.71445
PLGLB1	TSS5115	chr2:87237587-	2.29795	0.895128
BCL2L11	TSS16214	chr2:111878490	16.8422	13.2567
VEGFA	TSS14119,TSS	chr6:43737945-	1.30865	6.82791
THEM4	TSS13685	chr1:151843342	1.61638	2.85099
ZNF793	TSS931	chr19:37997840	1.74476	1.28511
STPG1	TSS34009,TSS	chr1:24683488-	1.24292	0.645705
LOC100506990	TSS10831	chr8:12294521-	2.49973	2.14195
LMLN	TSS2916	chr3:197687070	0.407372	0.296115
UNG	TSS24745,TSS	chr12:10953539	4.73238	12.8183
TTK	TSS24729	chr6:80714321-	0.263896	1.45293
PNPLA4	TSS18871,TSS	chrX:7866803-	0.513316	2.76961
IGSF9B	TSS31920	chr11:13377857	0.0998941	0.0632518
C9orf72	TSS16439,TSS	chr9:27546543-	12.5173	5.1804
UPP1	TSS22751,TSS	chr7:48128199-	8.82641	14.2981
AGPAT4-IT1	TSS13137	chr6:161581168	0	0.0191694
CKMT2	TSS5451	chr5:80529138-	0	0
DNAH11	TSS17246	chr7:21582832-	0.0759716	0.0292759
CLEC11A	TSS2405	chr19:51226604	0.436908	0.286445
SERPINC1	TSS4178	chr1:173872947	0.0582089	0.0676374
AURKA	TSS27078	chr20:54944444	0.749282	2.70994

ZNF329	TSS7414	chr19:58637694	6.03636	4.79167
TSPAN4	TSS13285,TSS	chr11:842823-8	1.56496	1.24093
INADL	TSS30837	chr1:62208148-	2.6519	2.68339
OIP5	TSS6456	chr15:41601465	0.467768	2.41688
MLLT4	TSS21683,TSS	chr6:168227670	7.86197	5.43933
FRY	TSS11718	chr13:32605430	0.715352	0.0615937
RNLS	TSS2462	chr10:90033620	1.26038	1.10501
ITPRIPL1	TSS13373,TSS	chr2:96991061-	1.82209	1.78454
SLC25A18	TSS22477	chr22:18043138	0	0.388686
HSFX1	TSS7160	chrX:148674185	0.338017	0.0242099
LOC100507437	TSS11007	chr14:10588397	0	0.100901
C14orf1	TSS666	chr14:76117232	10.9124	25.773
LINC00528	TSS14879	chr22:18260055	3.45821	1.60987
CHRNE	TSS11674	chr17:4801063-	1.13533	0.995173
TOP1MT	TSS14188,TSS	chr8:144391490	7.89635	12.4648
KIFC1	TSS16054	chr6:33359312-	0.953029	1.45018
ZFH3	TSS13059,TSS	chr16:72816785	0.958996	0.419851
ZNF568	TSS20421	chr19:37407230	4.31343	2.55648
TAS2R19	TSS31586	chr12:11174217	0	0.193452
SLC20A1	TSS20312	chr2:113403435	11.5198	14.9384
PLAC8	TSS21111,TSS	chr4:84011210-	11.2446	138.924
TTLL13P	TSS19488	chr15:90792765	0	0
RAD51	TSS18765,TSS	chr15:40987320	0.663617	1.4404
SLC25A4	TSS1036	chr4:186064410	2.58796	4.87908
TIFA	TSS5880	chr4:113196787	8.27742	10.383
ACSBG2	TSS1297	chr19:6135643-	0.303882	0.0034585
SNX25	TSS4413	chr4:186131285	6.40524	11.2246
CFAP70	TSS4195	chr10:75013515	2.68822	0.221492
C9orf66	TSS20221	chr9:213107-27	0.391801	0.402927
LOC113230	TSS27930	chr19:14183820	0.367795	0.0855074
CLEC2B	TSS8870	chr12:10004967	19.1073	10.6273
PEBP4	TSS10811	chr8:22570764-	0.916797	0
ASPDH	TSS6221,TSS8	chr19:51014850	1.10099	0.189826
KIF11	TSS28666	chr10:94352824	1.44868	1.52435
SLC37A3	TSS27430	chr7:140033557	1.73966	1.74376
NT5M	TSS18078	chr17:17206679	0	0.772497
TUBB8	TSS32306	chr10:92827-95	0.0103904	0.0169951
SLC1A6	TSS12399,TSS	chr19:15060844	0.479653	0.228109
LOC100506476	TSS14926	chr14:74254062	0	0.434987
ASIC4	TSS21150	chr2:220378897	0	0
ANKRD34C-AS1	TSS13896	chr15:79484048	0	0.0556653
USP6NL	TSS23534,TSS	chr10:11502508	15.4744	13.1042
INPP5A	TSS2296	chr10:13435135	8.85108	15.8387
LDHA	TSS22632,TSS	chr11:18415935	22.0905	208.743
HSFX1	TSS31242	chrX:148855729	0.338017	0.0242101
MYH13	TSS21928	chr17:10204182	0.0969399	0.0282479
B3GNT2	TSS17128	chr2:62423261-	6.66799	13.1365
TRIM17	TSS17876	chr1:228595635	0.177172	0.377318
TNKS1BP1	TSS12817	chr11:57067102	1.80699	2.49982
OTUD1	TSS22489	chr10:23728197	12.1273	4.57878
KLHDC1	TSS13565	chr14:50159822	0.462452	0.255728
HCST	TSS18051	chr19:36393387	5.37868	6.96735
ZBTB21	TSS12322	chr21:43406935	8.88761	6.10618
MGST2	TSS18450	chr4:140586927	0.328994	2.39994
HIST2H2AC	TSS3399	chr1:149858524	0.153528	1.87501

MEIKIN	TSS12986	chr5:131142680	0	0.35539
SMIM6	TSS31164	chr17:73642640	0	0
TBC1D2	TSS14110,TSS	chr9:100961270	1.19267	0.787919
HEG1	TSS19301	chr3:124684550	2.67641	3.87426
PDE3B	TSS11013	chr11:14665260	4.7568	2.67999
HABP4	TSS24251	chr9:992124360	4.41398	3.53996
PPEF1	TSS13037	chrX:187090440	0	0.128115
HENMT1	TSS21659,TSS	chr1:109190900	5.50267	5.12551
EPHB6	TSS13075,TSS	chr7:142552770	13.2371	8.56707
LOC101927178	TSS10118	chr14:35550280	5.08E-145	0.400335
PARP9	TSS33175,TSS	chr3:122246750	7.39048	6.83081
LRGUK	TSS16114	chr7:133812100	0.13166	0.191114
ADGRE5	TSS7661	chr19:14491950	8.60878	9.65235
CELF6	TSS16318,TSS	chr15:72577060	2.812	1.25217
HECTD2-AS1	TSS21824	chr10:93066710	0	0
UAP1L1	TSS13671	chr9:139971950	5.04495	6.58909
SSH3	TSS24689	chr11:67070910	0.338298	0.285696
POLR3G	TSS3498	chr5:897706800	0.401113	5.20235
CYP2U1	TSS26460	chr4:108852710	3.43722	2.16041
BGLAP	TSS6458	chr1:156211750	1.04127	0.147334
DLGAP1-AS1	TSS24680	chr18:35941110	10.239	3.9895
SPAG1	TSS2499,TSS5	chr8:101170260	2.92135	3.19347
ASMT	TSS11209,TSS	chrX:171434700	0.26522	0.241374
STAG3L5P	TSS29466	chr7:999337010	2.99807	6.58424
CAPN8	TSS28983	chr1:223714970	0	0.022253
TCEAL1	TSS10544,TSS	chrX:102883640	4.50365	5.09458
CHRNA10	TSS23928	chr11:36868160	0.493601	0.527985
SYNE3	TSS5219	chr14:958838300	2.96437	3.57169
ABCA17P	TSS13768	chr16:23909220	0	0.128393
LMF1-AS1	TSS10672	chr16:97103200	0	0.307549
HLA-DRB6	TSS33416	chr6:325204890	10.0517	10.063
TMEM86A	TSS5023	chr11:18720280	0.251289	0.107423
FAM209B	TSS15766	chr20:55108300	1.66558	0.739102
CACNG1	TSS17858	chr17:65040650	0	0.0981969
VWA3B	TSS22834	chr2:987035940	0	0.0140897
PXN	TSS25192,TSS	chr12:12064820	2.40812	1.67568
AHNAK2	TSS18008	chr14:10540350	0.0298657	0.124413
CBY3	TSS16144	chr5:179105550	0.388661	0.603203
KIF24	TSS13915	chr9:342523770	0.429002	0.427145
CYP2F1	TSS10395	chr19:41620350	0	0.136209
C4A	TSS20518	chr6:319498330	0.144225	0.150094
ERO1A	TSS16706	chr14:53106630	5.38643	9.25368
JAKMIP2	TSS7966	chr5:146965000	0.061412	0.040206
C16orf59	TSS17993	chr16:25101140	0	1.52475
CORO6	TSS2985	chr17:27941770	0.704099	0.246043
UBQLNL	TSS21419	chr11:55356220	0	0.0744708
TMEM253	TSS32087	chr14:21567090	0.368004	0
CENPH	TSS14159	chr5:684853740	4.70622	9.09
NACC2	TSS20726	chr9:138898380	0.224256	0.89698
C2orf27B	TSS26521	chr2:132552530	0.06125	0.0557729
ZNF30	TSS2479	chr19:35417800	1.39513	1.46802
PRPF40B	TSS14113,TSS	chr12:50017190	0.438914	1.70051
KIF4A	TSS23340	chrX:695098780	0	0.119118
MSRA	TSS29779,TSS	chr8:991177800	4.53933	6.93887
ISOC1	TSS15996	chr5:128430440	4.32568	9.50374

ZNF491	TSS6966	chr19:11909390	0.690604	0.208991
MTRNR2L4	TSS32950	chr16:3421052-	0.0783275	1.07038
LOC81691	TSS25544	chr16:20817760	0	0.166749
RIPK3	TSS3130	chr14:24805220	5.60822	5.77878
HTATSF1P2	TSS23263	chr6:3020389-	1.90233	0.982694
CDK5R1	TSS15154	chr17:3081410-	3.57315	6.50254
CAPS2	TSS23041,TSS	chr12:75669750	0.817239	0.176919
C15orf62	TSS29436	chr15:41062150	8.50582	10.6007
RNF149	TSS29134	chr2:101892060	15.5232	14.9969
GPX4	TSS25650,TSS	chr19:1103924-	84.6115	125.893
RAD51AP1	TSS9496	chr12:4647949-	1.15845	1.76255
KIAA1467	TSS7067	chr12:1319731-	0.587213	1.17161
GOLM1	TSS28734,TSS	chr9:88641057-	1.54661	1.04202
MICU3	TSS775	chr8:16884746-	1.58251	1.00518
HSPB6	TSS14522	chr19:36245460	0	0.12486
MAPK12	TSS670	chr22:50691330	0.629219	5.7351
STX4	TSS12863,TSS	chr16:31044410	20.0249	28.323
SRSF12	TSS9733	chr6:89805677-	0.157916	0.197447
TCAF1	TSS10425,TSS	chr7:143548460	7.04537	2.72006
KDM4D	TSS24721	chr11:9470684-	0.416137	0.356652
FLJ42351	TSS17786	chr2:113399400	0	0
ZMAT3	TSS16357	chr3:178735010	2.72521	7.20715
KCNQ4	TSS19358	chr1:41249683-	0.0110559	0.15406
SMKR1	TSS19300	chr7:129142310	0	3.98226
ANKRD20A4	TSS2963	chr9:69381980-	0.0557937	0.115147
IPO5	TSS29659	chr13:98605920	11.0859	48.398
RRBP1	TSS6440	chr20:17594320	5.56657	6.3136
GTSE1	TSS27372	chr22:46692630	0.396359	0.745126
LOC101929154	TSS25933,TSS	chr5:77180479-	0	0
TGFBR2	TSS1984	chr3:30647993-	48.1576	21.3318
ZNF829	TSS10577,TSS	chr19:37379020	2.19297	1.81718
TTC30A	TSS5243	chr2:178479020	0.199107	0.590079
ZNF530	TSS23301	chr19:58111250	2.08663	1.08456
ADORA3	TSS602	chr1:112042050	0.184186	0.14266
PLGLB2	TSS9524	chr2:87237587-	0.0790379	0.0633662
ZWINT	TSS8983	chr10:58117190	1.47954	6.57286
C15orf41	TSS22613,TSS	chr15:36871800	0.46516	2.37876
SPRY3	TSS13582,TSS	chrX:154842220	0.113932	0.0451735
SLC16A8	TSS5225	chr22:38474140	0	0
EHMT1-IT1	TSS2917	chr9:140657470	0.763073	0.285328
PSTPIP1	TSS13888	chr15:77287460	6.02495	2.75384
TAGLN	TSS13586	chr11:11707000	6.15336	6.23447
RAB23	TSS11293,TSS	chr6:57051790-	0.613418	0.849681
NAV1	TSS1109,TSS2	chr1:201617440	0.15569	0.330555
CD58	TSS24545	chr1:117057150	10.1064	11.8378
CC2D2B	TSS10805	chr10:97759840	0.323104	0.202118
MIR181A1HG	TSS7545	chr1:198777130	0	0
FZD3	TSS18796	chr8:28351721-	0.589776	0.87209
FCHO2	TSS1783	chr5:72251807-	3.20445	1.23323
TBC1D3F	TSS29837	chr17:34581080	0.00421821	0.299718
SAPCD1	TSS29227	chr6:31730772-	0	0
AVPI1	TSS25836	chr10:99437180	1.29274	1.2389
RNVU1-19	TSS16401	chr1:147994140	15.3077	24.3835
FAM95B1	TSS16238	chr9:43027662-	0	0.11341
TRIM45	TSS2342	chr1:117653670	0.148885	0.182467

ASF1B	TSS13534	chr19:14230320	1.19921	3.55032
SLC29A2	TSS21835,TSS	chr11:66129997	0.830812	6.9154
SLC24A5	TSS27977	chr15:48413168	6.74E-168	0.0736451
FLJ45513	TSS11805	chr17:47923277	0.539098	0.267174
MR1	TSS23862	chr1:181002560	2.55275	2.15139
GCNT7	TSS2191	chr20:55066547	0	0.306279
LYPLAL1-AS1	TSS14084	chr1:219254316	0	0.0368551
USP35	TSS6786	chr11:77899857	1.31795	1.02998
SLC6A16	TSS9120	chr19:49792897	2.83344	0.991711
LOC101929516	TSS7270	chr1:400307417	0	1.76E-170
RIN3	TSS16802	chr14:92980124	7.52242	11.3288
ABHD17C	TSS8008	chr15:80987657	0.399172	0.485677
LOC100132831	TSS12692	chrX:406904697	0	0.0118696
SPTBN1	TSS24719,TSS	chr2:546834537	12.6972	31.4103
LOC102724094	TSS29409	chr7:100657600	0	2.82038
KCTD11	TSS8103	chr17:72552077	4.83572	2.8494
FAM159A	TSS7255	chr1:530990657	7.29296	6.15033
HIST1H2AH	TSS18504	chr6:271148607	1.07471	0
MSMO1	TSS13595	chr4:166248817	10.5171	42.932
ERICH6-AS1	TSS17961,TSS	chr3:150421350	0.797684	0.99315
ANKRD30A	TSS33995	chr10:37414784	0.000894325	0
ZNF549	TSS9064	chr19:58038697	4.23885	3.22029
CD44	TSS6556	chr11:35160416	59.2654	52.9696
CABP7	TSS26205	chr22:30116347	7.18E-83	0.113289
LOC400684	TSS5554	chr19:32880959	1.00962	0.123635
AUNIP	TSS25700	chr1:261584037	0.137396	0.55009
EIF4EBP1	TSS16319	chr8:378880197	7.82533	57.2786
ZBTB10	TSS17129,TSS	chr8:813978537	4.6656	2.66385
FUT8	TSS15280,TSS	chr14:65877309	6.46535	5.11925
CCDC106	TSS15829	chr19:56158957	3.97408	9.00282
CENPI	TSS16743	chrX:100354797	0.417557	0.437771
TTYH1	TSS26526	chr19:54926604	0	0
PARP15	TSS25445,TSS	chr3:122296448	11.1069	9.94935
C2orf15	TSS1253	chr2:997581847	0.0671624	0.650486
SNX18	TSS15311,TSS	chr5:538135887	4.9521	2.82614
ZNF283	TSS17657,TSS	chr19:44331447	2.17296	2.24865
SLC2A1-AS1	TSS29322	chr1:434247197	2.08988	0.0675029
SCARNA9L	TSS9279	chrX:201541837	0	0
SPATA6L	TSS29677	chr9:45983157	0	0.00180319
LZTFL1	TSS18456,TSS	chr3:458648097	3.54885	2.51776
C2orf91	TSS6898	chr2:421625077	0.129036	0.0683979
SCN3B	TSS12357	chr11:12349989	0.151611	0.111456
TRIM74	TSS21671	chr7:750249027	1.4893	0.500102
UXT-AS1	TSS3932	chrX:475182317	1.04E-14	4.89E-18
FAM95B1	TSS10924	chr9:424685887	0	0.11341
GAA	TSS26875	chr17:78075354	2.50573	3.51329
PCNA	TSS21122,TSS	chr20:50955987	33.7056	102.403
MIR4697HG	TSS13678	chr11:13376637	0.0486782	0.0627835
SPATS2L	TSS17664,TSS	chr2:201170607	0.112115	0.216957
GPX3	TSS3225	chr5:150399998	1.69961	1.41768
NPEPL1	TSS18254,TSS	chr20:57264186	2.9538	3.7785
LOC644172	TSS33311	chr17:43677468	0.235479	0.0202653
ACSL4	TSS2621	chrX:108884567	6.79873	18.2444
PCK2	TSS1667,TSS6	chr14:24563339	12.8682	23.6298
BCL2	TSS23880	chr18:60790578	10.2039	16.7399

LY6E	TSS15755	chr8:14409990-	23.341	81.0995
TMEM220	TSS31357	chr17:10616638-	1.1687	2.02613
DCK	TSS5377	chr4:71859264-	19.2359	11.027
TMEM236	TSS18441	chr10:18041226-	0	0.0122028
SPIN4	TSS14932	chrX:62567106-	1.69089	0.744307
ZYX	TSS3905	chr7:143078359-	20.8318	34.1093
TMEM27	TSS11974	chrX:15645438-	0	0.228492
FAM86C2P	TSS33459	chr11:67559237-	0.350625	3.09564
SELPLG	TSS1444,TSS2	chr12:10901567-	3.59992	2.43478
LTB	TSS4955	chr6:31548335-	162.813	42.661
ALOX15	TSS17077	chr17:4534213-	0.149059	0.025644
TBC1D1	TSS11442,TSS	chr4:37892704-	11.8266	11.3566
SPRED3	TSS4369,TSS6	chr19:38880839-	0.534293	0.0666859
SKA3	TSS26518	chr13:21727730-	0	0.964953
CCNB2	TSS34143	chr15:59397280-	0.874549	0.163536
ZRANB2-AS2	TSS6649	chr1:71547006-	0	0
TAS2R5	TSS26223	chr7:141490016-	2.03465	0.0985727
EIF2AK2	TSS2207,TSS4	chr2:37332283-	6.17824	6.98682
PAFAH2	TSS21715	chr1:26286257-	0.976916	2.73158
MSH5	TSS30796	chr6:31707724-	0.145108	1.23873
ABCA2	TSS16338,TSS	chr9:139901680-	0.945777	0.291069
PPM1J	TSS21534	chr1:113252610-	0.835199	0.271289
STMN1	TSS21770,TSS	chr1:26210676-	27.9129	28.35
CAMSAP2	TSS6437	chr1:200708680-	1.22971	1.50583
BIN3-IT1	TSS19492	chr8:22497883-	1.59543	0.598518
SERTAD2	TSS10244	chr2:64858754-	11.9323	9.07783
ZNF519	TSS21516	chr18:14075980-	0.863265	0.591215
RIMBP3B	TSS3540	chr22:21899957-	0.0634302	0.0898699
LOC643542	TSS6579	chr18:65183780-	0	0.00380915
P2RX5-TAX1B	TSS1570	chr17:3566186-	0.987623	0.597681
ARHGAP11A	TSS6589,TSS6	chr15:32907340-	1.95149	2.12383
CTSZ	TSS11374	chr20:5757024-	66.7347	76.4765
LOC101929295	TSS8007	chr11:94883700-	0.30805	0
MAN1C1	TSS27818	chr1:25943958-	25.2232	25.2537
PLXNB2	TSS3168	chr22:50713407-	2.19015	5.34841
POMGNT2	TSS25763	chr3:43120720-	1.71002	1.8778
EPB41L5	TSS15655,TSS	chr2:120770600-	1.4315	2.80399
TMEM9B-AS1	TSS1457	chr11:8986221-	0.893482	0.552039
MATN1	TSS942	chr1:31184123-	0	0.125498
CCNE2	TSS20862	chr8:95892452-	1.49803	1.97507
LOC101927827	TSS469	chr9:44384584-	0.237693	0.042217
ANKRD20A2	TSS3539	chr9:42368302-	0.0546383	0.0163701
RRH	TSS29002	chr4:110749140-	0	0.0697333
CIDEB	TSS3836	chr14:24774390-	1.36E-87	0.338911
ACTRT3	TSS11548	chr3:169484710-	0.612974	0.632924
FAM229B	TSS15771	chr6:112408670-	0.665921	0.154663
RBFADN	TSS2601	chr18:77827250-	0	0.302544
IRF1	TSS28505	chr5:131817300-	31.2889	20.4748
CCDC78	TSS27068	chr16:77258170-	0	1.45329
SLC16A11	TSS17689	chr17:6944948-	1.07003	0.631431
CASC5	TSS13489	chr15:40886440-	0.728531	0.780526
DEPDC1B	TSS14962	chr5:59892738-	0.310065	0.345258
CEP126	TSS9183	chr11:10178570-	3.06692	1.01304
RENBP	TSS3401	chrX:15320072-	8.78892	8.54258
ZNF600	TSS290	chr19:53268747-	7.90519	6.29278

ZNF256	TSS24614	chr19:58452200	5.01921	5.85005
NUSAP1	TSS14551	chr15:41624897	1.09277	5.28917
DHCR24	TSS4715	chr1:55315299-	1.45753	20.2654
PCNA-AS1	TSS31973	chr20:5100231-	24.1319	14.0302
ERCC6L	TSS8288	chrX:71424506-	0.794611	0.689527
MTURN	TSS28072	chr7:30174551-	5.16092	2.93099
CMTM3	TSS15750,TSS	chr16:66637934	5.5763	2.35884
DPYD	TSS8147	chr1:97543299-	1.50986	1.76462
LOC100129550	TSS26555	chr3:122605359	2.86339	1.19224
SLC27A3	TSS28400	chr1:153747767	1.72606	1.03464
CDCA3	TSS4082	chr12:6955888-	0.543126	0.532852
TNFRSF14	TSS5244	chr1:2487803-2	7.8721	10.2067
SPRY3	TSS33668	chrY:59100402-	0.112097	0.0451733
PDZK1	TSS25749	chr1:145727665	0.212142	0.139142
FLJ31104	TSS634	chr5:55290994-	0	0.0913474
ASIC2	TSS14334,TSS	chr17:31340105	0.228662	0.00284255
BMI1	TSS7014	chr10:22610138	5.69189	23.9599
LPP	TSS15405,TSS	chr3:187871660	1.02693	1.33467
KIAA0825	TSS3274	chr5:93486555-	0.243272	0.0592936
CSMD3	TSS22130,TSS	chr8:113235158	0.0498852	0.0293364
PRR34-AS1	TSS15707	chr22:46449725	0.823341	1.23158
COLQ	TSS19026,TSS	chr3:15491639-	1.0818	0.813865
GK3P	TSS34044	chr4:166198945	1.61488	0.779171
LINC00883	TSS6875	chr3:106959538	0.417698	0.227214
LOC100134868	TSS20431	chr20:25990434	0.901446	1.20813
CABP4	TSS3647,TSS6	chr11:67219885	1.5675	0.309859
LINC00954	TSS20924	chr2:20068614-	0.453768	0.249285
CREG1	TSS5389	chr1:167510250	3.20807	5.76781
F8	TSS10377,TSS	chrX:154064065	0.75157	0.569109
CCDC151	TSS2524,TSS6	chr19:11531277	0.245182	0.088973
PRR29-AS1	TSS704	chr17:62073430	0	0.0350904
ERAP2	TSS24233	chr5:96211643-	6.78758	4.07687
ZBED8	TSS15744	chr5:159820154	0.170845	0.312615
POLE2	TSS15720	chr14:50110269	0.785897	2.06978
LRRC20	TSS26619,TSS	chr10:72058725	0	0.507262
TFDP3	TSS24877	chrX:132350690	0	0.617178
DPY19L1P1	TSS26928	chr7:32620552-	0.629914	1.11415
CCDC42	TSS5827	chr17:8633245-	0	0
SKA1	TSS30543	chr18:47901397	0.138641	0.870592
ZNF69	TSS15366	chr19:11998669	0.907874	0.914787
LOC101060553	TSS19660	chr13:11180054	0.170865	0
SETD7	TSS32586	chr4:140417088	4.07473	7.69027
ACTBL2	TSS34182	chr5:56775842-	0	0.0122848
HMMR	TSS33355	chr5:162887516	0.743068	1.72941
NDUFV2-AS1	TSS23645	chr18:9121262-	7.05429	0.966295
MKI67	TSS18867	chr10:12989492	0.148279	0.949299
ZNF841	TSS6968	chr19:52567718	6.91284	3.23861
CUX1	TSS10059,TSS	chr7:101459185	3.50463	6.27946
LINC00669	TSS34236	chr18:36786887	0	0
ARHGAP18	TSS6274	chr6:129898239	2.28968	2.56156
BUB1	TSS11113	chr2:111395274	0.0632006	1.85407
CYTH4	TSS32582	chr22:37678494	11.9598	4.17093
PLEKHG4	TSS16254,TSS	chr16:67312059	0.22874	0.804193
ABCA3	TSS30215	chr16:2325878-	0.703943	0.707289
ACADM	TSS17064	chr1:76190031-	27.2995	27.922

PRR4	TSS29318	chr12:10998447	0.209555	0
NFIX	TSS12382,TSS	chr19:13106580	0.317841	0.849887
DCAF12	TSS8938	chr9:34086380-	0.785259	1.99835
LOC101930452	TSS28555	chr12:9520059-	0.0691403	0.0476765
CRABP2	TSS19457,TSS	chr1:156669390	0.285333	0.774388
LRRN2	TSS1997,TSS2	chr1:204586300	0.936482	0.449858
PIGZ	TSS4737	chr3:196673210	0.826608	0.225858
FAM216A	TSS25682	chr12:11090620	1.90837	12.4714
ARHGEF12	TSS2308,TSS2	chr11:12020760	2.28184	2.81462
NFIL3	TSS20410,TSS	chr9:94171326-	3.49893	1.63663
MAPK8IP2	TSS7410	chr22:51039110	0.0908264	0.0200867
OGN	TSS19787	chr9:95146248-	0	0.0667671
RNF166	TSS17331,TSS	chr16:88762900	9.29519	9.65141
PLCXD2	TSS25404	chr3:111393520	1.38503	0.136192
CD48	TSS27250	chr1:160648530	64.9576	359.432
RTN2	TSS21257,TSS	chr19:45988540	0.394163	0.147078
CUBN	TSS20497	chr10:16865960	0.0637882	0.109671
TMC4	TSS22396	chr19:54663830	0	0.0758878
C1orf101	TSS19712	chr1:244624670	0.174269	0.0786673
LOC103908605	TSS12624	chr9:46843668-	3.28199	2.49528
RAB40AL	TSS24360	chrX:102192190	0	0.187384
FBXO2	TSS10346	chr1:11708417-	1.18468	1.75181
BIN1	TSS10812	chr2:127805590	23.5295	23.6499
RASGRP2	TSS14311,TSS	chr11:64494380	62.8178	18.7111
LYL1	TSS29204	chr19:13209840	15.8646	9.88778
LINC00623	TSS14921,TSS	chr1:144298160	1.39542	0.991193
LOC100130691	TSS9552	chr2:178148230	0.198576	0.198492
LINC01389	TSS2130	chr1:47846467-	0	0.558792
MTM1	TSS15189	chrX:149737040	7.65179	4.47168
C16orf45	TSS6157,TSS8	chr16:15528320	1.91862	1.31359
BBS5	TSS21214	chr2:170336000	0	0.845432
TMLHE	TSS14514	chrX:154718670	2.98473	2.55725
PCDHGA6	TSS17225	chr5:140753650	0.527894	0.273653
LINC01585	TSS23015	chr15:91203460	0	0.0289632
HLA-F-AS1	TSS11375	chr6:29694377-	1.78597	0.36218
MTRNR2L8	TSS1326	chr11:10529430	6.48903	2.82885
CDT1	TSS27853	chr16:88870180	0.498644	4.40087
MYH14	TSS5874	chr19:50706880	0.0498262	0.0227204
FAM83D	TSS33541	chr20:37554950	0.792427	0.684877
FBXO40	TSS16521	chr3:121312160	0.0975722	0.0672768
CDCA2	TSS13202	chr8:25316512-	0.0938705	0.699309
FHL3	TSS34115	chr1:38462441-	0.643358	1.57496
C1orf54	TSS1079,TSS4	chr1:150244680	0.530223	0.98848
CDKN2A	TSS10620,TSS	chr9:21967750-	2.03258	3.6136
ZNF572	TSS2475	chr8:125985530	2.79	0.706483
KYNU	TSS13142	chr2:143635190	10.1589	26.6126
MAGI2	TSS16022	chr7:77646373-	0.0890534	0.119206
GNMB	TSS24103	chr7:23286315-	0.878293	0.793272
SPINT2	TSS26304	chr19:38755090	21.474	11.2938
NCAPG	TSS11639	chr4:17812435-	1.20934	1.42245
DRICH1	TSS17028	chr22:23950630	0.882724	0.11401
RAPGEF4	TSS15303,TSS	chr2:173600520	0	0
RAD21-AS1	TSS5071	chr8:117886660	2.06E-10	0.0352484
ZDHHC23	TSS10644	chr3:113666740	3.18829	2.70017
TMEM236	TSS20697	chr10:17794250	0	0.0122051



FAM50B	TSS6387	chr6:3849631-6	5.08406	6.83085
CHEK2	TSS1245	chr22:29083730	2.85834	4.57841
EXO1	TSS21106,TSS	chr1:242011496	0	1.59925
CIB1	TSS13456,TSS	chr15:90773476	45.6911	65.696
GJB7	TSS19745	chr6:87992696-	0	0.0806182
FAM27C	TSS9542	chr9:44990235-	0	2.80655
LOC441242	TSS17922,TSS	chr7:65111923-	1.43969	1.4174
KIAA0101	TSS17721,TSS	chr15:64657210	0.609142	4.59975
ZNF610	TSS24374,TSS	chr19:52839497	1.17681	0.34074
ARHGEF25	TSS28534,TSS	chr12:58003962	0	0.013509
GPR65	TSS7376	chr14:88471467	3.1592	4.58613
TOP2A	TSS17871	chr17:38544772	0.932988	1.75085
FAM27B	TSS27092	chr9:67792928-	0	4.32072
HTATIP2	TSS12991,TSS	chr11:20385230	24.9358	36.6173
ARL4A	TSS16670,TSS	chr7:12726451-	2.32505	2.97109
GBP2	TSS21064	chr1:89571815-	8.61442	4.60459
ERP27	TSS15192,TSS	chr12:15066960	1.3765	0.798374
CDC25C	TSS20364,TSS	chr5:137620956	0.312704	0.325693
FTH1	TSS15377	chr11:61731756	571.824	1472.53
C11orf65	TSS7841	chr11:10825372	0	0.447641
XRCC2	TSS10681	chr7:152343586	0.114923	1.59018
LOC100128398	TSS22783	chr19:58514267	2.38523	0.5038
FAM24B	TSS10950	chr10:12460860	5.35962	3.36615
SPA17	TSS17549	chr11:12454370	0	1.25886
RAB41	TSS5408	chrX:69502021-	0	0.321598
H2AFJ	TSS18445	chr12:14927269	1.00834	1.3376
VN1R1	TSS17467	chr19:57966547	1.5789	0.48464
GOLGA8G	TSS790	chr15:28623780	2.99E-06	2.40E-06
LOC284454	TSS2007	chr19:13945329	5.5504	6.01595
GOLGA8IP	TSS14927	chr15:23255247	0.0140406	0.162778
ZNF582	TSS32695	chr19:56894647	1.93745	1.72745
OLFML1	TSS2641	chr11:7506599-	0.228551	0.0235904
PCDH11Y	TSS14055,TSS	chrY:4868266-1	0.00117439	0.0133572
TYMSOS	TSS20071	chr18:649619-6	0	0.286425
CAPN5	TSS32473	chr11:76777997	0.700948	0.0840465
SESN2	TSS22921	chr1:28585962-	7.00825	11.7132
LIPE-AS1	TSS26980,TSS	chr19:42901299	0.365355	0.491118
HIPK2	TSS22414	chr7:139246315	13.7813	7.46002
ZNF155	TSS2019	chr19:44488327	3.01406	3.26549
IGF1R	TSS25835	chr15:99191767	4.39918	2.95772
ANKRD24	TSS18439	chr19:4183350-	0	0.287079
HIST1H2BC	TSS21173	chr6:26123694-	2.55462	6.39625
ZCCHC7	TSS29447,TSS	chr9:37120468-	13.895	16.7042
NKAIN4	TSS32162	chr20:61872135	0	0
MELK	TSS12971	chr9:36572858-	0	1.11738
PTK2	TSS10654	chr8:141668480	5.27565	2.92159
CNIH2	TSS13093	chr11:66045677	0	0.245157
LOC100506207	TSS728	chr6:8435855-6	0	0.0635777
MCM4	TSS4116	chr8:48872762-	4.28443	19.4832
GLUD1P7	TSS13791	chr10:48952597	3.77636	0.175746
ORC6	TSS3396	chr16:46723557	1.31224	5.82279
MIR22HG	TSS15094	chr17:1614797-	27.111	13.3161
MORN4	TSS23586,TSS	chr10:99374309	0.365652	0.611418
CRB1	TSS21825,TSS	chr1:197170597	0	0.0227143
GSG2	TSS22791	chr17:3627196-	0.491557	1.97635

HIST1H2BD	TSS23795	chr6:26158348-	15.5233	15.078
LOC221946	TSS7518	chr7:5553484-	0.552725	0.214043
TROAP	TSS813	chr12:49716970	1.12729	2.03776
PLGLB1	TSS23564	chr2:88047609-	2.51373	0.588614
MSRB2	TSS4970	chr10:23384426	0.811295	0.883626
BTK	TSS10330,TSS	chrX:10060443-	37.6098	60.0098
TICRR	TSS12255	chr15:90118817	0.0833819	0.393327
DCUN1D3	TSS21039	chr16:20869395	3.42637	1.94754
FGFRL1	TSS20903,TSS	chr4:1005609-	1.01327	3.20383
ZNF717	TSS17644,TSS	chr3:75779111-	3.32772	3.40502
USP53	TSS2105	chr4:12013378-	4.24205	2.364
CRYL1	TSS31196	chr13:20977805	2.37434	1.47643
TK1	TSS31937	chr17:76170159	0.78802	3.45918
AP1S3	TSS7450	chr2:224620046	4.97898	6.31322
LOC102723703	TSS22719	chr10:82291005	0.662999	0.342833
SEC1P	TSS13473	chr19:49141295	0.386298	9.28E-12
BMF	TSS22579,TSS	chr15:40380090	53.4144	28.9466
LOC100505942	TSS3753	chr16:67551608	0	0.102869
VSIG8	TSS18698	chr1:159824105	0	0
ERCC6-PGBD1	TSS18257,TSS	chr10:50723150	0.890375	1.00397
PSAT1	TSS857	chr9:80911990-	12.7507	24.3348
WDFY4	TSS15150	chr10:49893517	31.1705	34.9937
NLRP9	TSS21909	chr19:56219797	0	0.0389134
HLA-DRB1	TSS900	chr6:32546546-	239.329	357.062
GNG3	TSS13132	chr11:62475065	0	0.206058
FAM129A	TSS8251	chr1:184760158	4.08239	1.717
ICAM3	TSS17358	chr19:10444457	42.8944	41.3285
FRY-AS1	TSS11685	chr13:32598195	0.283829	0.0293013
PRKACG	TSS14327	chr9:71627448-	0.117071	0
ZNF831	TSS4442	chr20:57766074	0.568822	0.216563
CDC45	TSS31753	chr22:19467348	0.174497	3.82699
BRSK1	TSS2975	chr19:55795535	0	0
GIMAP2	TSS24867	chr7:150382795	5.36054	7.78739
CDCA7L	TSS21725	chr7:21940516-	22.3702	13.9642
AGMAT	TSS34163	chr1:15898193-	1.93059	7.19339
C20orf202	TSS16966	chr20:1184097-	0	0
CLDN4	TSS26245	chr7:73245192-	0.375726	0
MTRNR2L1	TSS14584	chr17:22022436	0.260028	0.102085
CHRNA3	TSS18680	chr15:78885394	0.358172	0.0921696
ZSCAN31	TSS15082,TSS	chr6:28292514-	0.382879	0.597248
MAP3K5	TSS20092	chr6:136878186	3.70243	8.38701
GPM6B	TSS12360,TSS	chrX:13789061-	0.382843	0.589141
RAB6B	TSS24176	chr3:133543075	0.216467	0.382885
ANKRD20A2	TSS23484	chr9:43090424-	0.0677288	0.0157673
CCDC62	TSS15101	chr12:12325905	0.554748	0.499473
BASP1	TSS22100,TSS	chr5:17216931-	53.3482	78.8891
GEMIN8P4	TSS3921	chr1:90458823-	0.217219	0.552081
SLC44A5	TSS20984	chr1:75667815-	0.00885402	0
LOC339059	TSS20052	chr16:88809174	0.190432	0.475152
ANKRD31	TSS28269	chr5:74364121-	0.0497283	0.0384808
ZNF518B	TSS9797	chr4:10441503-	6.17808	3.85587
TEX14	TSS18805	chr17:56634037	0.550983	0.0625676
REREP3	TSS19014	chr15:22546564	0	0.253707
CLDN11	TSS14238,TSS	chr3:170136657	0	0.213834
TTC34	TSS13563	chr1:2572806-	0.181442	0.0602283

AURKB	TSS30376	chr17:8108048-	0.906721	2.88489
SLC43A3	TSS29392,TSS	chr11:5717442(-	2.73818	27.4493
LENEP	TSS8858	chr1:15496606(-	0	0.469687
ZNF257	TSS20870	chr19:2223526(-	1.95829	2.9281
NET1	TSS13292,TSS	chr10:5454513-	1.85092	3.17452
SCG5	TSS30941	chr15:3293386(-	0	0.0600568
KIF18A	TSS32545	chr11:2804216(-	0.17708	1.33149
STRBP	TSS16699,TSS	chr9:12588390(-	13.2232	14.6442
ATP2B4	TSS12374	chr1:20359591(-	3.56902	1.26959
IL20RB	TSS23332	chr3:13667670(-	0.288384	0.412287
BEX1	TSS3889	chrX:10231758(-	0.311664	1.76696
PIP5KL1	TSS29421,TSS	chr9:13068380(-	2.22339	0.241309
LINC01252	TSS27703	chr12:1170096(-	0.249855	0.0276269
RAB15	TSS18921	chr14:6541253(-	0.566094	0.375592
OTUD7B	TSS4268	chr1:14991222(-	0.740721	0.908817
BIRC5	TSS16259	chr17:7621027(-	0.0177657	1.41467
ADGRL1	TSS29121	chr19:1425854(-	0.249868	0.390902
SERPINB1	TSS219	chr6:2832565(-	14.6274	16.5823
ZC3H12A	TSS24899	chr1:37940118-	11.3335	11.2872
LOC102546294	TSS8480	chr5:14764786(-	0.150947	0.0500952
IL2RB	TSS33087	chr22:3752187(-	1.3015	1.75654
LINC01573	TSS30724	chr9:13944229(-	0	0.597505
LOC389641	TSS22916	chr8:23082733-	2.63546	3.32991
CDHR5	TSS19931	chr11:616564(-	0	0.106001
URAHF	TSS31824,TSS	chr16:9010616(-	0	0
NATD1	TSS12376	chr17:2114218(-	3.25015	1.68384
MRPL42P5	TSS13669	chr15:4082408(-	0	2.75912
KIF14	TSS21255,TSS	chr1:20052062(-	0	0.252592
SEMA4C	TSS27839	chr2:97525472-	0.135477	0.104861
PIK3R5	TSS14398,TSS	chr17:8782232-	9.92973	3.83074
CCDC150	TSS31257	chr2:19750435(-	0	0.048919
OR5K2	TSS33854	chr3:98216524-	0.212551	0
LINC00106	TSS22276	chrY:1465917(-	0	0.242279
DGCR9	TSS12425	chr22:1900534(-	0	0.0717859
UNC93B1	TSS28359	chr11:6775857(-	15.9817	36.9354
CDH20	TSS34195	chr18:5915777(-	0.465262	0.198098
KDM6B	TSS5084	chr17:7743234-	10.49	9.92015
C14orf178	TSS15103	chr14:7822717(-	0	0.208652
PLIN1	TSS18899	chr15:9020759(-	0.229383	0.11838
LOC100506321	TSS25071	chr14:6555663(-	0	0.0450765
APOBEC2	TSS28479	chr6:41020939-	1.78986	0.748252
CYP2W1	TSS31924	chr7:1022834(-	0.165802	0
DNAJB5	TSS14106,TSS	chr9:34989637-	0.402402	0.878304
KCNV2	TSS21666	chr9:2717525(-	0	0.388299
SLC22A23	TSS19678,TSS	chr6:3269206(-	0.950696	1.00633
SLC4A8	TSS14472,TSS	chr12:5178510(-	0.419513	0.241841
SLC22A13	TSS24140	chr3:38307297-	0	0.0269735
LATS2	TSS14645	chr13:2154717(-	1.01615	1.23654
MSH5-SAPCD	TSS30796	chr6:31707724-	0.255944	0.133689
SNX24	TSS28277	chr5:12218115(-	1.82391	0.819228
DPY19L2P1	TSS29183	chr7:35120898-	0	0.252733
ACTL6B	TSS20310	chr7:10024072(-	0	0.055232
NAPSB	TSS31837	chr19:5083705(-	61.1294	41.2355
LRRC24	TSS32198	chr8:14574776(-	6.88E-227	1.71E-88
ARMC12	TSS20987	chr6:35704808-	0.616616	0.198558

TAF4B	TSS20565	chr18:23806840	1.09606	5.92745
LACTB2	TSS32863	chr8:71549500	0.721677	9.81786
SIGLEC16	TSS4115	chr19:50472917	0.0481712	0.471898
STRC	TSS9431	chr15:43891760	0	0.090494
SLC2A3	TSS28651	chr12:80718230	10.8709	6.61251
SIMC1	TSS21391,TSS	chr5:17566536	6.59813	4.16587
GIPR	TSS2716	chr19:46171500	0.0138278	0.149892
GP5M2	TSS23259	chr1:109419600	0.503613	0.62749
PKMYT1	TSS21406	chr16:30227910	0.156198	2.27432
C3orf22	TSS22894	chr3:12624584	0	0.0300021
NUF2	TSS18707	chr1:163291720	0.248688	1.50257
PRPSAP2	TSS27247,TSS	chr17:18759610	12.7961	18.0537
TRIM2	TSS32180,TSS	chr4:154074260	1.28896	0.0694108
PWWP2B	TSS29196	chr10:13421070	6.77045	11.2647
EFHD2	TSS19360	chr1:15736390	17.807	33.0488
C8orf46	TSS24541	chr8:67405490	0	0.0293533
CCNA2	TSS25733	chr4:122737590	2.32093	2.34605
TAL2	TSS27266	chr9:108424730	0.865514	0.806855
C8G	TSS30046	chr9:139839690	0.352022	0
STARD4	TSS5353	chr5:110831730	9.14115	11.1274
CLDN10	TSS10701,TSS	chr13:96085850	0	0
LINC01353	TSS5002,TSS8	chr1:203256270	0	1.07235
TNNT3	TSS5441	chr11:19407980	0.411723	0.159556
GRN	TSS6709	chr17:42422450	51.6453	46.1742
TMEM229B	TSS21475	chr14:67936980	0.491614	0.628632
SLC39A14	TSS32456,TSS	chr8:222247610	2.3922	14.696
CHST12	TSS19682	chr7:24431940	1.20444	2.81472
TTC41P	TSS25754	chr12:10423750	0	0.0816108
LOC100288152	TSS10003	chr5:47335040	0.464832	0.100007
ACER2	TSS34007	chr9:194089240	0.294995	0.456735
LGALS4	TSS19159	chr19:39292310	0.299795	0.0290414
FHIT	TSS27560	chr3:597350350	0.685245	4.23551
ITPRIP	TSS24189,TSS	chr10:10606940	4.06401	3.80839
LINC00106	TSS23179	chrX:15159170	0	0.242279
MUC20	TSS11652	chr3:195447750	2.28916	0.766685
CNBD2	TSS32696	chr20:34556500	0.614446	0.0484793
DLG1-AS1	TSS28723	chr3:197025110	0.407286	0.147222
HOXC4	TSS20231,TSS	chr12:54410630	1.94629	1.44299
CIT	TSS23761	chr12:12012350	0.277469	0.379849
CYFIP1	TSS19453,TSS	chr15:22892640	4.74776	3.47914
S100A6	TSS17006	chr1:153507070	41.6381	95.9453
KIF3A	TSS12326	chr5:132028310	1.70216	2.78249
TYMS	TSS10767	chr18:6576030	3.31E-47	8.40005
CEP170B	TSS33109	chr14:10533160	0.160075	0.989317
SRRD	TSS8911	chr22:26879840	3.29377	14.6841
WDR90	TSS6723	chr16:6993620	0.845656	1.86116
GOLGA8S	TSS31557	chr15:23599890	0.472303	0.158871
MMP25-AS1	TSS1432	chr16:31021250	0.987077	0.577394
ZNF606	TSS3312	chr19:58488440	3.48284	1.02573
LOC101928103	TSS31060	chr2:215674950	1.00541	0.373679
BEX4	TSS13802	chrX:102470010	11.4214	8.67725
HIST1H2BF	TSS6517	chr6:261997860	0.307213	1.67931
NCAPH	TSS5402	chr2:970014780	0.170054	0.73422
ZFAND4	TSS13113,TSS	chr10:46110940	1.4996	2.99639
BCL6	TSS22349,TSS	chr3:187439160	15.166	8.86225

DCAF4L1	TSS3582	chr4:41983712-	0.190127	0.303036
SUN2	TSS17155,TSS	chr22:39130718-	65.4947	30.1831
MYH15	TSS25572	chr3:108099215-	0.0796824	0.0241556
LOC102723824	TSS32861	chr2:42369574-	0	0.649271
FAM89A	TSS9199	chr1:231154700-	3.56954	3.72769
TNFSF12	TSS13350	chr17:7452374-	4.61563	1.80569
C1orf145	TSS33920,TSS	chr1:228391200-	1.15044	1.12657
ZNF234	TSS10182	chr19:44645700-	2.55212	2.61615
DLGAP5	TSS22718	chr14:55614830-	0	0.71942
FILIP1	TSS11213	chr6:76005582-	0	0.14111
CENPF	TSS7705	chr1:214776530-	0.51456	0.40449
INSL3	TSS31275	chr19:17927320-	0.783404	0.557274
ARL15	TSS32013	chr5:53180613-	1.63579	1.61975
SPIRE1	TSS16171,TSS	chr18:124465100-	0	0.366273
HIST1H2BL	TSS1741	chr6:277752560-	3.5468	1.21485
BRCAT54	TSS13352	chr5:447444290-	0	0.0834794
ZNF792	TSS33458	chr19:35447250-	1.81507	0.815144
IL17RE	TSS1019,TSS1	chr3:99442950-	0	0.0403571
CCNB3	TSS27652	chrX:500275390-	0	0.154353
SLC4A9	TSS4915	chr5:139739780-	0	0
IL1RAP	TSS9132	chr3:190231830-	3.0393	1.39939
PRDM1	TSS2408,TSS2	chr6:106534190-	3.44547	4.90103
PMPCB	TSS14902	chr7:102937870-	10.5848	20.0557
HLA-DPB2	TSS31386	chr6:330802920-	2.37431	3.00794
SEZ6	TSS14424,TSS	chr17:27281940-	0	0.0997673
SERPINB6	TSS19108,TSS	chr6:29483920-	11.6097	17.8106
LOC100289333	TSS18379	chr19:12305820-	0.0580354	1.79435
PPP1R15A	TSS1899	chr19:49375640-	70.6492	40.7882
GPC1	TSS12632	chr2:241375110-	1.19656	0.614371
TXNDC16	TSS21	chr14:52897300-	0.804078	0.325602
SLC2A7	TSS6726	chr1:90633580-	0	0.0470654
MCM10	TSS29452	chr10:13203550-	0	2.31312
PRKCQ-AS1	TSS10291	chr10:66223860-	0.865828	0.287328
GAB3	TSS3775,TSS9	chrX:153903520-	1.75077	1.97127
KCNQ5	TSS33149	chr6:73331570-	0.116481	3.33842
TSGA13	TSS17167,TSS	chr7:130353480-	0	0
LOC100507053	TSS8688	chr4:100010000-	0.196915	0.145464
ANKRD44-IT1	TSS20508	chr2:198115580-	1.7091	0.228887
RHBDF1	TSS23513	chr16:10805700-	0.354164	0.228468
FAM188A	TSS32532	chr10:15820170-	3.68142	4.29752
LOC100507506	TSS3541	chr6:41363050-	0.177801	0
LOC100130872	TSS18595	chr4:11895700-	0.0519641	0.180963
SLC2A14	TSS10147,TSS	chr12:79651070-	3.35071	1.87472
AGRN	TSS23100	chr1:95550200-	0.850315	2.47858
KRT18P55	TSS33581	chr17:26603010-	0.444169	0.307772
PKD2L2	TSS24720	chr5:137225120-	0.0973614	0
ZNF876P	TSS7223	chr4:20638800-	0.0968125	0.188839
MARVELD3	TSS31618	chr16:71660050-	0.36945	0.0256338
AANAT	TSS14421,TSS	chr17:74449430-	1.60057	0.282423
FAM65A	TSS16761,TSS	chr16:67562710-	30.2472	16.7098
PLXNC1	TSS1585,TSS7	chr12:94542490-	2.58453	3.26103
COL11A2	TSS18385	chr6:331304680-	0.748977	0.989035
PAIP2B	TSS8465	chr2:714098670-	2.40319	1.33443
GPR82	TSS1325	chrX:415834070-	0.301336	0.496921
HLA-DQA1	TSS28504	chr6:326051820-	66.7732	150.123

LOC646626	TSS1589	chr1:85742040-	1.66025	3.34E-08
CTAGE4	TSS2956	chr7:14388054-	0.660254	0.710773
UBE2E2	TSS9331	chr3:23244783-	6.73076	20.3666
KIF2C	TSS5517,TSS6	chr1:45205489-	0.0662158	1.60891
SNHG4	TSS21393	chr5:138609440-	0.564109	16.1785
RPL17-C18orf1	TSS15629,TSS	chr18:4700754-	3.53516	2.81283
SRGAP2-AS1	TSS18685	chr1:121102010-	0.338166	0.00798347
SOBP	TSS5658	chr6:107811310-	0.192486	0.273388
LOC100130075	TSS29605	chr12:69198210-	0	0.120851
CFLAR-AS1	TSS25262	chr2:20200501-	0.572046	0.0739229
BLK	TSS5920	chr8:11351520-	50.6841	40.9917
MINPP1	TSS13369,TSS	chr10:8926422-	1.8023	3.12472
CTF1	TSS16268	chr16:3090792-	0	0.151114
SIDT1	TSS7331	chr3:11325121-	3.38884	5.90913
ZFP3	TSS6038	chr17:4981753-	3.02245	2.91374
EML5	TSS5452	chr14:8908117-	1.02986	1.09234
ANKDD1B	TSS32531	chr5:74907300-	0	0.027064
ZNF880	TSS13618	chr19:52873160-	3.82023	3.48697
YPEL4	TSS26215	chr11:57412550-	0	0.0207609
SLC52A1	TSS17138	chr17:4935896-	0.125507	0.0825985
B9D1	TSS4906,TSS5	chr17:19240860-	0.49268	1.52853
FAM65B	TSS1427,TSS2	chr6:24804508-	80.2134	21.1922
EPHA5	TSS25764	chr4:66185280-	0.166405	0.0144872
HIST1H2AC	TSS30658	chr6:26124372-	12.5105	19.2055
MTRNR2L2	TSS5486	chr5:79945818-	3.25194	1.40238
RNF103-CHMF	TSS6147	chr2:86730552-	8.98E-29	8.90E-18
LOC102724596	TSS26819,TSS	chr17:47438520-	4.3466	0.330949
IL15	TSS13161	chr4:142557740-	4.761	1.3287
RHOXF2B	TSS32086	chrX:119292460-	0	0
CPOX	TSS10430	chr3:98298289-	4.80497	7.08427
C4B	TSS20518	chr6:31949833-	0.143003	0.139666
LOC100505716	TSS2117	chr2:28530557-	0.665042	0.0664496
SERPINB9	TSS9218	chr6:2887499-	16.2923	38.6247
PFN4	TSS14956	chr2:24337678-	0.243545	0.235843
ZNF844	TSS22813	chr19:12175540-	12.21	5.51572
MAML3	TSS19838	chr4:140637540-	0.192779	0.233076
SLC9A3	TSS22945	chr5:473333-50-	0	0
ACVR1	TSS13482,TSS	chr2:15859295-	2.30309	0.789744
COTL1	TSS26844	chr16:84599200-	112.942	238.555
NPHP4	TSS30463	chr1:5922867-	0.881952	1.56249
ZCCHC24	TSS18077	chr10:81142080-	0.918914	0.697587
LOC284009	TSS17827	chr17:2310274-	0	1.42368
RASD1	TSS23103	chr17:17397750-	0.110768	0.347567
LOC100288181	TSS14697	chr8:143783660-	0.115495	0.191128
MAPKBP1	TSS21379	chr15:4206663-	3.08116	3.68856
LOC101928324	TSS32408	chr1:26789247-	3.02794	0.522658
DUSP23	TSS25444	chr1:159750750-	12.7809	21.4121
FOXD2-AS1	TSS5903	chr1:47897806-	1.14012	0.34481
RNF213	TSS20630	chr17:78234650-	16.2922	10.9256
CDC20	TSS4662	chr1:43824625-	0.857357	2.6832
SGOL1-AS1	TSS5927	chr3:20215735-	3.18E-202	0
ANLN	TSS4913	chr7:36429411-	0.536014	0.150196
RILPL2	TSS22055	chr12:12389950-	14.8144	36.462
RASSF1-AS1	TSS13483	chr3:50374941-	7.19954	2.70504
FOSL1	TSS19912	chr11:65659600-	0.706904	4.76262

LOC401357	TSS32769	chr7:56876816-	0	0.00523284
HIST1H3D	TSS33255	chr6:26197011-	1.10491	3.25499
RDX	TSS13085	chr11:11004560-	3.56205	6.17659
DNAJC27-AS1	TSS5447	chr2:25194980-	0	0
IL17RC	TSS20638,TSS	chr3:9958757-(-	0.137126	0.237918
IQCH	TSS17370	chr15:6754713-	0.174957	0.0189776
UBXN11	TSS32663,TSS	chr1:26608772-	8.67593	8.30813
ZEB2	TSS32191	chr2:14514194-	5.37458	3.57525
PDE4A	TSS17748,TSS	chr19:1052744(-	0.09165	1.26433
ZNF44	TSS3907	chr19:1238262-	10.2865	3.99693
KIAA1107	TSS30886	chr1:92632608-	0.645944	0.00735153
FUCA2	TSS15663	chr6:14381594(-	3.23894	4.83905
CREB3L2	TSS28407	chr7:13755972-	4.53368	4.31122
LRRC8C	TSS32115	chr1:90098643-	2.51707	2.08197
LOC101241902	TSS15171	chr8:79635082-	1.40964	0.522292
STX17-AS1	TSS4299	chr9:10264859(-	0	0
LOC100129931	TSS18816	chr4:7032280-	0.0254908	0.0751365
HADH	TSS5542	chr4:10891086(-	5.5576	15.6299
GPR157	TSS7062	chr1:9164475-(-	3.08495	1.24478
CYSLTR2	TSS6064	chr13:4922784(-	0	0.0207863
KTN1-AS1	TSS19112	chr14:5604287-	0	1.41633
STXBP1	TSS16272	chr9:13037448(-	0	0.553309
NOL9	TSS19102	chr1:6581406-(-	6.82268	12.3125
AUTS2	TSS12653	chr7:69063904-	0.748653	0.888366
TCF4	TSS13400,TSS	chr18:5288956-	28.2871	15.7406
NUTM1	TSS30608	chr15:3463551(-	0	0.125713
HRAT5	TSS5795	chr5:269670-2-	0.751634	0.243003
SBF2-AS1	TSS4755	chr11:9779839-	2.87453	3.16429
NEK2	TSS8205	chr1:21183159(-	0.168401	1.01361
RAD54L	TSS15520	chr1:46713366-	0.105002	1.77657
MXRA8	TSS15146,TSS	chr1:1288068-	0.243878	0.427528
COL7A1	TSS143	chr3:48601505-	0.126602	0.0215025
C4orf32	TSS10740	chr4:11306655-	2.80193	5.56165
HMGA1P7	TSS12177	chr6:13443511(-	0	0.0441361
FTCDNL1	TSS24806	chr2:20062525(-	0	0.823179
C6orf99	TSS21747,TSS	chr6:15929089(-	0	0.069492
NOX1	TSS8294	chrX:10009831-	0.26346	0.13356
IRGM	TSS27101	chr5:15022608-	0	0
PLK1	TSS27152	chr16:2369014-	0.667754	0.90876
RILP	TSS21953	chr17:1549444-	1.0266	0.616223
SBF2	TSS8320	chr11:9800213-	1.83351	1.24603
AK1	TSS7447	chr9:13062875(-	5.20309	1.71069
USP27X	TSS18082	chrX:49644469-	3.07876	1.44101
LBH	TSS4953	chr2:30454396-	36.3772	19.7596
ZNF382	TSS16512	chr19:3709620(-	1.34473	0.979789
SATB1-AS1	TSS18606	chr3:18486728-	1.10913	1.76891
SPTY2D1-AS1	TSS11980	chr11:1862135(-	3.30E-06	2.37E-07
ZNF528-AS1	TSS17453	chr19:5289209-	3.97224	1.59504
CYCSP52	TSS23036	chr1:15709815-	0	0.014753
HFE	TSS2485	chr6:26087508-	1.12007	0.338798
TPTE	TSS11012	chr21:1090618(-	0	0.0277968
TTC38	TSS7714	chr22:4666386(-	2.47422	2.57606
ZNF341-AS1	TSS4055	chr20:3237517(-	0	0.877749
GOLGA8G	TSS23156	chr15:2876475(-	2.82E-06	2.21E-06
PLA2G10	TSS22836	chr16:1476640-	0.536352	0.219457

PSAP	TSS27533	chr10:73576054	279.051	417.472
HIST1H3J	TSS278	chr6:27858092-	3.33838	0
BUB1B	TSS1996	chr15:40453209	0.209909	1.72395
DOK3	TSS20236,TSS	chr5:176928909	13.433	26.7739
MYO1G	TSS23448	chr7:45002259-	20.5543	14.2217
PM20D1	TSS607	chr1:205797149	0.144735	0.304199
LUCAT1	TSS30475	chr5:90598802-	9.79381	6.07998
ZNF154	TSS14051	chr19:58207644	3.63984	3.11519
GALNT6	TSS1584	chr12:51745834	0.612974	1.09703
ACPT	TSS29316	chr19:51293677	0.0353161	0.0820979
GNAS-AS1	TSS1093	chr20:57393974	0.547157	0.0978748
RDH5	TSS30307	chr12:56114150	1.7648	1.77E-18
GINS2	TSS10717	chr16:85711279	0.20567	11.4461
ZNF32-AS2	TSS26536	chr10:44141389	0.963027	0.413344
ANKRD9	TSS24762	chr14:10297319	0.542756	0.553205
BAIAP2	TSS9025	chr17:79008946	0.919977	1.25558
PDE4D	TSS22552,TSS	chr5:58264865-	2.96698	1.69464
LOC101927164	TSS1225	chr1:224407314	0	7.77E-165
LAT2	TSS2271	chr7:73624086-	31.4287	90.2257
CDK1	TSS22584,TSS	chr10:62538088	0.158776	2.34585
POC1B-GALN	TSS28908	chr12:89913189	0.0585474	0.249665
SKIDA1	TSS25730	chr10:21802408	0.0583678	0.0156823
ABALON	TSS27550	chr20:30309309	0.584388	1.05571
GBP4	TSS20502	chr1:89646830-	6.4991	3.96779
RSPH9	TSS22066	chr6:43612766-	0	0
ASPM	TSS14677	chr1:197053256	0.140011	0.270515
PLEK	TSS10646	chr2:68592321-	21.0533	193.984
KLF7	TSS13639,TSS	chr2:207938867	6.30875	3.67732
GPR83	TSS4282	chr11:94110476	0.121579	0.1333
ZNF81	TSS33434	chrX:47696300-	7.92574	4.74503
APOA1-AS	TSS12080	chr11:11670684	0	0.408459
TBL1Y	TSS15434	chrY:6778726-1	0.00485211	0.0150421
HOXB2	TSS21843	chr17:46620018	0	0.404975
MED4-AS1	TSS26833	chr13:48651274	4.38E-28	0.44728
KLHL7-AS1	TSS26738	chr7:23140846-	0.017391	0.0807855
IDH1-AS1	TSS18246	chr2:209119956	0	0
KIF15	TSS31134	chr3:44803208-	0	0.538906
VAV2	TSS406	chr9:136627019	12.9647	12.804
SLC35E4	TSS32104	chr22:31031794	0.649424	0.720219
PAX5	TSS28508	chr9:36833271-	21.3437	33.8122
SH3PXD2B	TSS28188	chr5:171752186	0	0.00635909
CCDC40	TSS8897	chr17:78010430	0.17273	0
ZSCAN18	TSS22023,TSS	chr19:58595208	11.2723	9.20443
CDCA8	TSS31328	chr1:38158072-	0.737004	2.50347
MIR2052HG	TSS10088	chr8:75512100-	0.0212887	0.101226
SLC2A6	TSS32439	chr9:136336219	6.48179	14.2451
SAGE1	TSS29394	chrX:13497578-	0.267882	0
STAU2	TSS27188,TSS	chr8:74332603-	3.81009	3.55636
LOC102724919	TSS11229	chr1:186404294	0	0
LRR63	TSS28145	chr13:46786077	0	0
POLQ	TSS6592	chr3:121150274	0.392119	0.3755
EVI5	TSS6930	chr1:92974252-	4.24667	1.86515
CAPN3	TSS14650,TSS	chr15:42651697	4.64027	2.26759
SEC31B	TSS17684	chr10:10224640	1.25686	0.660558
GLT8D2	TSS2052	chr12:10438276	0.633746	0.00915318



ATHL1	TSS5048	chr11:289137-2	9.30306	6.57676
EPB41L2	TSS2823,TSS4	chr6:131160487	9.87502	10.992
LGALS8-AS1	TSS17493	chr1:236686368	0.485564	0.127327
TTYH3	TSS13783	chr7:2671602-2	3.1885	8.83744
ZNF98	TSS32528	chr19:22573898	0.120919	0.229558
NUDT9P1	TSS19868	chr10:92911760	1.9688	0.709943
FCMR	TSS10257,TSS	chr1:207076630	94.8108	46.1492
SNN	TSS26590	chr16:11762288	25.9123	29.9556
TFDP1	TSS20275,TSS	chr13:11423900	3.82631	22.75
PAK1	TSS14505	chr11:77033059	3.03439	5.55133
HYKK	TSS28105	chr15:78799908	0	0
CCDC116	TSS1593	chr22:21987088	0	0.0478178
NRG3	TSS30285,TSS	chr10:83635068	0	0.027051
FNIP2	TSS30400	chr4:159690187	0.186739	0.0229676
FAM20A	TSS20826,TSS	chr17:66531256	0.459948	0.173435
FAM183B	TSS2926	chr7:38724945-	0.506898	0.676232
CDC25A	TSS4456	chr3:48198667-	0.109739	1.80534
ERN1	TSS33630	chr17:62120388	1.8901	1.86709
PFKFB3	TSS12014,TSS	chr10:6186842-	36.7201	15.0701
ATP8B1	TSS13463	chr18:55313658	0.19824	0.448642
TBX6	TSS20090	chr16:30097114	0	0
CFAP52	TSS26053	chr17:9479943-	0	0.106297
ACRV1	TSS16472	chr11:12554222	0	0.191611
LOC339666	TSS19253	chr22:32772650	0.419767	0.476167
NADK2	TSS20602,TSS	chr5:36192690-	6.2847	8.53878
PLAC8L1	TSS25081	chr5:145463878	0	0.927066
SNRK-AS1	TSS12021	chr3:43388410-	0.700684	3.79E-151
PTGER4	TSS8469	chr5:40680031-	3.70829	4.4628
FBXO25	TSS9469	chr8:356807-47	3.58972	3.91887
HLTF	TSS11826	chr3:148747908	3.06424	3.29118
IQGAP2	TSS13986,TSS	chr5:75699079-	1.27224	1.48345
FKBP9P1	TSS10791,TSS	chr7:55748766-	0.801206	0.269916
DTL	TSS10665	chr1:212208894	0.496328	3.92822
C5	TSS10324	chr9:123714618	0.566717	0.280188
PRG2	TSS27891	chr11:57154259	0	0.393454
BEST4	TSS4622	chr1:45249256-	0	0.301195
FOXH1	TSS32670	chr8:145699114	5.16E-09	6.97E-08
DOCK3	TSS8077	chr3:50712671-	0.00971012	0.120209
HIF1A-AS1	TSS11063	chr14:62147758	0.343358	0
TRIP6	TSS2690	chr7:100464948	5.23296	13.1168
LIMS2	TSS21372,TSS	chr2:128395998	0.290725	1.45345
ABCB9	TSS12547	chr12:12340548	0.564781	0.335435
TPTE2P5	TSS11081	chr13:41371120	0.0324048	0.289324
TEKT4P2	TSS9774	chr21:9907188-	1.99035	3.88253
F12	TSS5992	chr5:176829138	0	1.06225
SLC16A6	TSS23695	chr17:66263166	3.01775	2.87774
LOC100129617	TSS3562	chr16:81698958	0.190109	0.0736151
OCIAD2	TSS321	chr4:48887396-	70.2543	89.8476
PLEKHA4	TSS18728	chr19:49340358	0.443189	0.929619
TMEM108	TSS14071,TSS	chr3:132757137	0	0
PWARSN	TSS18055	chr15:25227140	2.88948	0.633758
GTF2A1L	TSS27047	chr2:48844918-	8.40E-230	0.153973
TMSB4Y	TSS31087	chrY:15815446-	1.02807	0.579954
RNF139-AS1	TSS15888,TSS	chr8:125474737	0.281814	0.147351
LOC101929567	TSS1149	chr2:8699962-8	0	0.00868035

CKAP2	TSS12226,TSS	chr13:53029494	7.96995	4.33552
SNED1	TSS28889	chr2:241938254	1.80322	0.367775
LINC01119	TSS9582	chr2:47055002-	0	0
KCNK6	TSS11545	chr19:38810480	2.73107	2.36082
PRMT5-AS1	TSS34175	chr14:23388664	9.13E-229	0
ZNF532	TSS33332	chr18:56530060	7.14896	3.76367
CAPN2	TSS12789,TSS	chr1:223889294	14.9648	6.22804
CCDC65	TSS27715	chr12:49297890	0.596157	0.347977
XYLT1	TSS21626	chr16:17196180	3.23778	1.69942
UAP1	TSS2270	chr1:162531290	7.01821	10.5718
SPC25	TSS6797	chr2:169727400	0	0.629952
XKR9	TSS19839,TSS	chr8:71581599-	0.466275	0.0643875
CLSPN	TSS1678	chr1:36197712-	1.01268	1.95008
LOC102723850	TSS7151	chr17:36284010	4.07E-05	0.0453254
BTBD8	TSS26442	chr1:92545861-	0.520938	0.0252258
LOC100130987	TSS13470	chr11:67085300	0.121974	0.473174
LHFPL4	TSS34123	chr3:9540044-0	0.238849	0.047922
SERPINH1	TSS13797	chr11:75273100	2.29274	1.54571
LOC100505625	TSS14169	chr5:6686437-0	0.104321	0.100937
GCNT2	TSS24571,TSS	chr6:10521567-	1.09439	1.19311
SLC48A1	TSS2003	chr12:48166960	8.7535	5.29031
LILRB1	TSS12713,TSS	chr19:55128380	9.42677	9.9334
TPD52	TSS23033,TSS	chr8:80947102-	25.4627	27.8837
RFTN2	TSS9789	chr2:198435520	0.32547	0.0237337
NEXN-AS1	TSS31436	chr1:78347032-	0	0.12151
C18orf61	TSS3975	chr18:12200770	0.180108	0.0507035
APOL1	TSS16107	chr22:36649110	7.23526	3.83615
LINC00921	TSS2897	chr16:3313767-	2.23544	1.51798
FAM227A	TSS6385	chr22:38974124	0.0706112	0.0254057
CD84	TSS33208	chr1:160510880	2.36674	2.22921
APMAP	TSS13140	chr20:24943570	14.0232	17.8669
TDRKH	TSS34060	chr1:151744040	2.61777	1.97372
LOC101927100	TSS14489	chr5:11493785-	0	0
ACVR2B-AS1	TSS14167	chr3:38492517-	0	0
TMEM169	TSS29202	chr2:216946580	0.130105	0.0402793
CNGA4	TSS10918	chr11:6260321-	0	0.0555281
HIST1H2BG	TSS3841	chr6:26216427-	2.23767	2.90662
ZDHHC9	TSS30415,TSS	chrX:128937260	1.36726	3.55147
ATG9B	TSS20748	chr7:150709290	0.340608	0.21028
STMN3	TSS28090,TSS	chr20:62271050	2.40107	1.5517
LRIG1	TSS29112	chr3:66429220-	2.18168	2.56298
GDPD5	TSS10081	chr11:75145684	4.90781	1.22341
RSPH4A	TSS33940	chr6:11693764-	0.279333	0.33882
SNORA62	TSS21160	chr3:39452544-	17.671	0
LOC100506670	TSS26176	chr22:43434590	0.239432	0.265522
NEO1	TSS18825	chr15:73344824	1.37407	0.836067
BHLHB9	TSS3326,TSS6	chrX:10197564	0.28383	0.213855
PLAGL1	TSS22546,TSS	chr6:144261430	2.69859	2.08143
ZNF396	TSS12929	chr18:32946660	0	0.0861908
ZNF571-AS1	TSS28404,TSS	chr19:38039850	0.803048	0.25435
MTRNR2L3	TSS13206	chr20:55933490	0.184038	0.152533
YPEL3	TSS25695,TSS	chr16:30103634	108.838	33.5563
IL17D	TSS31040	chr13:2127748-	0	0.190561
SLC35D2	TSS20448	chr9:99075718-	4.4686	3.89457
CCDC17	TSS29753	chr1:46085715-	0.101355	0.423855

FLNA	TSS25347	chrX:15357689	71.8156	72.1907
ENDOU	TSS22922	chr12:4810351	0	0.16882
TFRC	TSS26366,TSS	chr3:19577615	12.3144	58.8842
SLC30A4	TSS10689	chr15:4577467	1.4282	0.745603
DSCC1	TSS8874	chr8:12084618	0.575093	1.48944
USP46-AS1	TSS5984	chr4:53525572	0	0.999912
HERC6	TSS22303	chr4:89299890	2.18576	1.01143
LOC149684	TSS9617	chr20:3688857	0	0
LOC100506844	TSS5571	chr12:5832523	3.28741	4.61926
WBSCR27	TSS33333	chr7:73248920	0	0.0846954
SNORD58C	TSS30089	chr18:4701560	0	474.704
BCL11A	TSS18781	chr2:60678301	8.33106	9.23006
SERHL	TSS18626	chr22:4289658	1.50098	0.275731
SOCS6	TSS13502	chr18:6795613	0.381768	0.18748
SLC35G1	TSS28427	chr10:9565372	0	0.838192
TMTC2	TSS9353	chr12:8308093	0.338889	0.472074
PLCD3	TSS33443	chr17:4318900	0.378881	1.22316
LOC10099625	TSS24606	chr15:3282895	7.30629	2.31464
TNIK	TSS5759	chr3:17078029	1.021	0.892919
OR52N4	TSS10260	chr11:5775922	0.383116	1.00255
ZNF883	TSS27524	chr9:11575939	0	0.466911
SLCO4A1	TSS23717	chr20:6127379	5.3527	6.96292
SNORA61	TSS16833	chr1:28906275	16.0663	25.639
POU5F1P4	TSS9195	chr1:15540297	0.318405	0.423172
PAQR7	TSS32955	chr1:26187974	1.15314	1.32203
IMPA2	TSS30278	chr18:1198142	6.17544	4.71342
CLUL1	TSS32251,TSS	chr18:596997	0	0.019021
SULT1A1	TSS14402,TSS	chr16:2861690	4.22897	2.1796
ZNF542P	TSS11800,TSS	chr19:5687946	4.71615	7.67178
CCNB1	TSS14063	chr5:68462836	1.06293	4.66406
ZNF436-AS1	TSS20541,TSS	chr1:23695463	0.528893	0.451993
DOK2	TSS8132	chr8:21766383	0.598026	1.36944
GPR174	TSS31445	chrX:78426468	1.06946	2.39769
LOC100506022	TSS15564,TSS	chr1:9485152	0.132876	0
HEBP1	TSS13009	chr12:1312779	5.56395	10.0209
ALK	TSS23462	chr2:29415639	0.0022791	0.0123452
LINC01393	TSS14341	chr7:11471901	0	0.0316642
LINC00659	TSS16040	chr20:6140547	0	0
CHRFAM7A	TSS33292	chr15:3065344	0.0158619	0.0456535
HIST1H2BJ	TSS1664	chr6:27100094	2.44704	1.1684
HIST3H2BB	TSS10014	chr1:22864580	0	0.821548
EXOC2	TSS1243	chr6:485137-6	8.4264	9.85173
AFAP1L1	TSS1903	chr5:14865140	0	0.00823721
GTF2IRD1P1	TSS5734	chr7:66274979	4.33E-115	0.225498
GUCY2EP	TSS29479	chr11:7639120	0.0871124	0.0490459
APOC1	TSS3720	chr19:4541792	0	1.20974
GSTM5	TSS8727	chr1:11025486	0	0.651247
ZNF492	TSS56	chr19:2281712	0.286257	0.3356
PKN3	TSS8422	chr9:13146480	0.58443	1.45765
ZNF879	TSS10363	chr5:17845077	5.35405	1.74809
HIST2H2BE	TSS8291	chr1:14985600	1.36108	1.81117
AIG1	TSS3411,TSS6	chr6:14338049	2.80136	4.88471
RNF208	TSS20752	chr9:14011469	0	0.816435
LINC01123	TSS15160	chr2:11113376	0	0.0981738
CASC2	TSS14204	chr10:1198063	0	0

ID2	TSS8245	chr2:8822112-1	6.26667	2.1042
SMIM1	TSS28282,TSS	chr1:3689324-1	0	1.55792
RALGPS2	TSS20860	chr1:17869428-1	24.7776	12.7718
GABARAPL1	TSS33645	chr12:10365488-1	38.7632	14.5644
ENTPD1-AS1	TSS10566	chr10:97512962-1	0.610863	0.3163
LEFTY1	TSS15953	chr1:22607398-1	0.51419	0.177026
LOC728673	TSS14278	chr9:66553199-1	1.58975	1.64037
DEGS2	TSS13356	chr14:10061275-1	2.55835	1.46062
PCDHGB3	TSS18965	chr5:140749830-1	0.121129	0.133971
EFCAB6	TSS18286	chr22:43924625-1	0.0177491	0.00488344
HIST1H2BE	TSS32692	chr6:26184023-1	2.06207	3.34016
GK5	TSS11085	chr3:141876368-1	0.241464	1.182
BMS1P18	TSS15341	chr22:16162065-1	0	0.275223
SHISA4	TSS23003,TSS	chr1:201857796-1	0	0
RCN1	TSS28576	chr11:32112476-1	0.780833	5.99066
LOC101928370	TSS344	chr1:101700428-1	6.45363	5.6812
SMS	TSS25096	chrX:21958690-1	5.86657	11.3307
RXFP2	TSS7202	chr13:32313678-1	0	0
S100A10	TSS34070	chr1:151955385-1	38.5679	16.4974
CDKN1A	TSS11170,TSS	chr6:36644236-1	37.1853	52.2025
GARNL3	TSS15704,TSS	chr9:130025940-1	0.825799	0.391939
LXN	TSS32112	chr3:158384202-1	2.10749	1.66778
LOC101928710	TSS14108	chr17:76613465-1	0	0.0154137
ADGRG7	TSS20805,TSS	chr3:100328432-1	0	0
PPP2R3B	TSS14149	chrY:244667-2	0.419806	0.94203
BTBD18	TSS15364	chr11:57510985-1	0.535392	0.481654
CIART	TSS26773,TSS	chr1:150254942-1	0.515997	0.433323
PTPN20	TSS27762,TSS	chr10:46550122-1	0.219486	0.189316
HOXB-AS1	TSS467	chr17:46621712-1	0	0
LINC01465	TSS9039	chr12:62995530-1	1.92321	0.425629
PRDX2	TSS24841	chr19:12907635-1	17.6629	38.7301
TTC8	TSS33703	chr14:89290496-1	1.23118	2.57519
CRYBB2	TSS1097	chr22:25615617-1	0.838546	1.25267
LOC100287834	TSS14907	chr7:62856717-1	0.268691	0.0266729
FYN	TSS17929,TSS	chr6:111981534-1	11.3533	15.744
CCDC50	TSS11788	chr3:191046875-1	20.573	12.7044
FRAT2	TSS7169	chr10:99092255-1	7.75181	5.16303
FOXP4-AS1	TSS25584,TSS	chr6:41491632-1	2.49345	1.52088
SERPIND1	TSS21223	chr22:21128382-1	0.162352	0.0314282
IL17RA	TSS32365	chr22:17565848-1	4.43577	2.75575
CYP4F29P	TSS27348	chr21:15215455-1	0	0.0580828
ESCO2	TSS9575	chr8:27632057-1	0	0.970813
CAMK4	TSS20682	chr5:110559946-1	1.226	0.497998
RFC3	TSS8927	chr13:34392205-1	2.49062	7.94554
UBASH3B	TSS33226	chr11:12252639-1	0.111416	0.61067
APBB1	TSS15015,TSS	chr11:6416353-1	5.80978	4.15784
FSCN3	TSS10009	chr7:127233688-1	0.362655	0
HIGD1B	TSS19477,TSS	chr17:42923720-1	0	0
PALMD	TSS28660	chr1:100111430-1	0.01729	0
LOC100996437	TSS1536	chr7:66119505-1	0	0.143213
MT2A	TSS6614	chr16:56642475-1	5.5859	25.7987
AMZ1	TSS22446,TSS	chr7:2719155-1	0.393019	0.320184
NMRK1	TSS28247	chr9:77676115-1	9.01871	4.10357
NAIP	TSS12141	chr5:70264309-1	3.15891	2.47961
CLEC18C	TSS12583	chr16:70208075-1	0.362258	0.372719

KLF3	TSS2564	chr4:38665789-	11.0187	5.66739
CPB2	TSS23363	chr13:4662732-	0	0.00604183
LOC645752	TSS3114	chr15:78206558-	0.0706585	0.078031
METRNL	TSS13554	chr17:81037566-	13.4984	6.14427
DPCD	TSS28032	chr10:10334808-	0.395418	6.85324
CFAP45	TSS12311	chr1:159842158-	0.102408	0.218122
RSPH10B2	TSS10399	chr7:5965776-	0	0.030852
CRYZ	TSS30127	chr1:75171171-	17.5304	23.2284
EFCAB11	TSS32836,TSS	chr14:90261338-	18.289	13.0751
PLAG1	TSS12074	chr8:57073467-	1.78414	1.1689
HIST1H4H	TSS26346	chr6:26285353-	8.95404	3.7306
CEP70	TSS31536	chr3:138213180-	0.667345	1.2977
CCDC144NL-A	TSS421	chr17:20771748-	0.176758	0.491071
KLF1	TSS25505	chr19:12995236-	0.434444	0.526188
BAG3	TSS31944	chr10:12141088-	8.60796	4.05773
ERICH6	TSS27111	chr3:15037767-	0	0.0016944
LPAR5	TSS22204,TSS	chr12:6728000-	7.28911	8.5888
MORN3	TSS12225	chr12:12208928-	0	0.260736
GAMT	TSS8689	chr19:1397024-	1.24445	5.51129
PSRC1	TSS4694	chr1:109822178-	0	0.00730756
SUSD3	TSS7330	chr9:95820969-	14.421	42.7006
MEIS3P1	TSS24892	chr17:15690168-	0	0.155876
ICA1	TSS10373,TSS	chr7:81528148-	0.0797763	0.277977
RSPH10B	TSS3730	chr7:6793739-	0	0.0364734
KIF18B	TSS24921	chr17:43002078-	0.162052	0.468584
NPPA-AS1	TSS13498	chr1:11900375-	4.49617	1.82231
LOC102723927	TSS26395	chr2:242912838-	0.332969	0.338403
LDLRAP1	TSS31342	chr1:25870075-	5.96401	10.5876
TPX2	TSS5814	chr20:30326908-	0.381712	1.93887
NR1I3	TSS23841	chr1:161199458-	6.82E-65	0.160939
NCEH1	TSS31205	chr3:172348434-	1.29515	1.47449
DIAPH3	TSS28974,TSS	chr13:60239720-	0	0.0569936
JHDM1D-AS1	TSS7798	chr7:139877060-	2.26037	1.09383
SLC25A53	TSS27668	chrX:10334389-	1.28723	0.81497
SAMD15	TSS3842	chr14:7784376-	0.515983	0.0868646
SLMO2-ATP5E	TSS12278	chr20:57603738-	5.76166	3.24142
PP2D1	TSS3014	chr3:20021452-	0.297283	0.230202
NFE2L3	TSS12582	chr7:26191846-	2.63579	1.77598
GPX7	TSS21104	chr1:53068042-	6.0818	5.26099
CD96	TSS33060	chr3:111260928-	1.11412	0.481787
BIN2	TSS11498,TSS	chr12:5167482-	9.1842	5.95139
NQO1	TSS1067,TSS1	chr16:69743308-	26.1486	30.9094
ITK	TSS407	chr5:156607908-	1.87348	0.799165
TMEM221	TSS1075	chr19:17546317-	0	0
RHOXF2B	TSS25307	chrX:119206228-	0	0
FAM213A	TSS21239,TSS	chr10:82167584-	3.50161	7.31971
HJURP	TSS28809	chr2:234745348-	0.165722	0.98353
NUDT7	TSS22843	chr16:77756388-	2.91426	0.815889
PLA2G16	TSS1560,TSS1	chr11:63341948-	0.579936	0.544889
SCGB1B2P	TSS14477	chr19:35067637-	0	0
KIF20A	TSS31755	chr5:137514416-	0	0.302766
SEL1L3	TSS5994,TSS6	chr4:25749048-	43.198	21.2886
ITM2C	TSS15828,TSS	chr2:231729318-	11.5751	12.0209
SLC41A2	TSS3102	chr12:10519727-	1.76537	1.53843
TMOD2	TSS8044	chr15:52043757-	2.60336	1.81513

LOC101929162	TSS11123	chr12:10813030	1.37404	0.0424294
LINC00412	TSS2889	chr13:27810418	0	0
LOC100507002	TSS22605	chr17:63096929	0	0.909981
A73_1	-	chrEBV(Akata_	0.0186891	0.694938
KLF5	TSS11872,TSS	chr13:73629110	0.414543	0.0284811
LRR1Q3	TSS6096	chr1:74491701-	0	0.119747
PRSS36	TSS11752	chr16:31150246	0	0.0409733
GLA	TSS17055	chrX:100652770	37.8435	26.3403
CELSR2	TSS31750	chr1:109792640	0.192943	0.233252
BRI3BP	TSS28716	chr12:12547819	3.858	15.587
HIST1H2BK	TSS6451	chr6:27106071-	39.2471	103.656
WNT3A	TSS32022	chr1:228194720	0	0.0466588
PTPN20	TSS13175,TSS	chr10:48737040	0.229416	0.214548
UBAC2-AS1	TSS22313,TSS	chr13:99848620	0.664412	0.746321
CEP128	TSS26117	chr14:80962820	0.583101	0.926991
SKOR1	TSS18583	chr15:68112040	0.256268	0
IRF5	TSS18036,TSS	chr7:128577990	15.3388	21.8311
KCNQ5-AS1	TSS20326	chr6:73844525-	0	0.103751
LINC01315	TSS5928	chr22:42760409	0.510287	0
HIST1H1D	TSS18920	chr6:26234439-	0.955877	0
FLJ36777	TSS31163	chr4:70991500-	0.295777	0
EPM2A	TSS23105	chr6:145946439	0.85958	3.74743
FAM86JP	TSS25204	chr3:125635440	1.02123	2.71067
DRC7	TSS14094	chr16:57728710	0	0.00421873
SYCE1L	TSS6931	chr16:77233348	0.938726	0
TIPARP	TSS11994,TSS	chr3:156392200	15.0234	10.6182
CYP21A2	TSS17224	chr6:32006092-	0.00450806	0.00526576
NR3C2	TSS11337	chr4:148999910	0.449479	0.264595
ZSCAN12P1	TSS14760	chr6:28058584-	0.729163	0.539444
CRTC3-AS1	TSS579	chr15:91163240	2.61782	9.20E-248
LOC101928989	TSS11444	chr11:81590890	0	0.181604
IFI30	TSS3946	chr19:18284589	81.8269	937.73
REP15	TSS25350	chr12:27849420	1.28603	1.22951
MRS2P2	TSS18756	chr12:72242070	0.875703	0.365623
PATL2	TSS15399	chr15:44957920	2.89716	0.868515
COL9A2	TSS24781	chr1:40766162-	0.813718	2.3138
MTUS1	TSS10599,TSS	chr8:17501302-	1.60204	1.28113
CLTCL1	TSS21623	chr22:19166980	0.821613	0.213234
IFIH1	TSS4974	chr2:163123588	9.26578	10.0857
CARNS1	TSS7752	chr11:67183148	1.07124	0.623967
LOC101926933	TSS11592	chr14:23398810	2.13869	1.08112
PDHA2	TSS17318	chr4:96761238-	0	0.0617581
C1QTNF9B	TSS2955,TSS5	chr13:24465230	2.66E-11	8.35E-10
UBE2C	TSS19674,TSS	chr20:44441210	0	4.55911
C12orf56	TSS17374	chr12:64660760	0	0
LAMA2	TSS2606	chr6:129204289	0	0.0440582
PLEKHH3	TSS25851,TSS	chr17:40819930	0.392171	0.528465
LINC01279	TSS18508	chr3:112315640	0.457796	0.0708547
MTSS1L	TSS28999	chr16:70695100	0.459397	0.429306
ARHGAP5-AS1	TSS2693	chr14:32544620	0	0.869676
ADPRH	TSS18487	chr3:119298270	2.42433	5.89138
ZNF93	TSS21726	chr19:20011720	2.91842	2.65641
FAM219A	TSS19454	chr9:34398181-	8.98709	5.32995
ZNF197-AS1	TSS6986	chr3:44658619-	0	0.283724
MLKL	TSS801	chr16:74705750	1.74872	1.21425

XYLB	TSS4453	chr3:38388250-	0	0.513942
DLGAP4-AS1	TSS24687	chr20:35136104-	0.801337	0.124218
HIST2H2AB	TSS21762	chr1:149859018-	0	0.690194
PTPN4	TSS19178	chr2:120517206-	1.59154	1.60058
ASMT	TSS14244,TSS	chrY:1664347-	0.168776	0.0810114
CHST2	TSS32437	chr3:142838617-	2.45736	4.23452
BEX2	TSS10661,TSS	chrX:102564273-	9.97994	11.22
HAPLN3	TSS15002	chr15:89420515-	0.321334	0.391048
TGFB3	TSS33747	chr14:76424439-	0.696726	0.460846
TNFAIP8L2-S	TSS25604	chr1:151129104-	1.58E-08	5.39E-15
ZIK1	TSS13165	chr19:58095627-	2.52546	2.91988
LOC100996693	TSS14007	chr2:220361076-	0	0
NKX3-1	TSS18258,TSS	chr8:23536205-	1.54033	0.583674
HLA-DQA2	TSS20361	chr6:32709162-	18.5333	48.6648
ANKEF1	TSS484	chr20:10015646-	0.423186	1.68199
GSAP	TSS32337	chr7:76940067-	9.75986	8.37615
RGPD6	TSS7387	chr2:111271378-	1.47423	0.684561
SPNS2	TSS9070	chr17:4402128-	0.151829	0.296187
POU6F1	TSS18026,TSS	chr12:51580718-	4.34787	1.38394
TSPY26P	TSS9478	chr20:30776948-	0	0
ROGDI	TSS21599	chr16:4846962-	1.01521	1.53024
GPR52	TSS6688	chr1:17441721-	0	0.197937
GRAP	TSS34154	chr17:18923989-	40.3292	19.1539
CCDC15	TSS12041	chr11:1248240-	0.62132	0.268463
PRKCQ	TSS12251	chr10:6469104-	0.597782	0.155461
HOXA5	TSS11334	chr7:27180670-	0	0.238342
NAPRT	TSS16485	chr8:144656954-	6.45807	9.75665
FDXR	TSS17073,TSS	chr17:72858618-	1.2317	12.2473
HIST1H2AE	TSS21731	chr6:26217147-	8.69759	1.54823
PCCA	TSS4664	chr13:10074126-	0.747563	1.98361
IL18R1	TSS141	chr2:102972742-	0.693983	0.840417
PCDHGA8	TSS15622	chr5:140771482-	0.0177839	0.0921802
ZNF599	TSS24153	chr19:35248978-	0.608075	0.0985192
SH2D4B	TSS19526,TSS	chr10:82297657-	0	0.0112744
CELF4	TSS10189	chr18:34823007-	0.0110459	0.0536008
KCNQ5-IT1	TSS8571	chr6:73340222-	0	0.490151
HIST1H2AK	TSS27460	chr6:27805657-	5.66569	1.21385
NKILA	TSS19467	chr20:56285238-	0.977844	0.77455
RGMB	TSS16967	chr5:98104998-	4.34586	4.21327
IFITM4P	TSS18655	chr6:29718583-	0	0
MID1IP1-AS1	TSS14225	chrX:38660500-	0.393574	1.18612
SYT11	TSS26752	chr1:155829259-	1.08452	1.0412
PCED1B	TSS30915	chr12:47473389-	7.73728	4.18769
TMEM232	TSS3304	chr5:109755197-	0	0
LRRTM2	TSS3873	chr5:138205078-	0.213772	0.124069
FAM46C	TSS18436	chr1:118148609-	21.8415	14.6784
BIVM-ERCC5	TSS844	chr13:10345949-	8.63E-07	0.609811
SAMD10	TSS21292	chr20:62605469-	0.455333	3.33349
LOC100505715	TSS8345	chr19:44395959-	1.1739	0.637886
ZNRF1	TSS23368	chr16:75032914-	0.0186708	0.118004
C2orf48	TSS21123	chr2:10281508-	0	0.0186055
ADHFE1	TSS15886	chr8:67344717-	0.410058	0.0747235
IL12A-AS1	TSS18814	chr3:159631189-	0	0.0554291
HSD17B14	TSS31553	chr19:49316279-	1.16833	0.875299
AQP7P3	TSS15673	chr9:42858151-	0	0.178732

LOC100129034	TSS9693	chr9:12711575-	8.51726	7.36717
ST6GALNAC5	TSS18291	chr1:77333185-	0	0
PLCXD1	TSS21792,TSS	chrY:142990-1	1.30049	1.75396
LINC00853	TSS32085	chr1:47644921-	0	0
CASKIN2	TSS11424,TSS	chr17:73496340	0.158689	0.159988
KLHL32	TSS26099,TSS	chr6:97372495-	0.28633	0.0853023
FAM13C	TSS12999,TSS	chr10:61005880	0	0.0885939
LOC100499484	TSS33537	chr9:10000070-	0.925199	0.204319
FGF8	TSS10744,TSS	chr10:10352980	0	0
IGFALS	TSS26498,TSS	chr16:1840413-	0.727008	0.238835
LEPR	TSS26605,TSS	chr1:65886334-	0.511058	0.81391
FAM209A	TSS15309	chr20:55099780	0	0.759394
SNORA8	TSS5595	chr11:93465520	212.063	55.4533
THNSL1	TSS1025	chr10:25305500	1.29595	2.32852
MZB1	TSS1083	chr5:138723250	15.462	54.6011
LINC00971	TSS2929	chr3:84687555-	0.0398926	0.00225862
SYCP3	TSS15180	chr12:10212240	1.49591	0.718872
PAWR	TSS13717	chr12:79985740	9.37572	10.4222
FKBP1B	TSS29253	chr2:24272583-	1.80667	0.123627
AMPH	TSS31931	chr7:38423296-	0	0.267796
KIAA0513	TSS12543,TSS	chr16:85061350	2.16255	0.471339
FAM72B	TSS13976	chr1:120839000	0.513567	0.686063
FZD2	TSS22964	chr17:42634810	0.0913263	0.212055
HSPB1	TSS21342	chr7:75931874-	73.9842	52.1964
FKBP9	TSS16972,TSS	chr7:32997015-	0.666527	0.500082
ASB12	TSS4891	chrX:63444071-	0	0.0860397
CNTLN	TSS28031	chr9:17134988-	0	0.299766
BCL9L	TSS3825	chr11:11876680	7.36049	3.34933
CLMP	TSS25152	chr11:12294300	0	0.052413
SMAGP	TSS10869,TSS	chr12:51639130	7.06506	2.31731
CHADL	TSS29919	chr22:41625510	0	0.054563
CERS6	TSS14045	chr2:169312750	1.57762	3.87812
TCAP	TSS14543	chr17:37821590	0.366362	0.284125
ANXA1	TSS31934	chr9:75766646-	4.68823	2.07542
DRP2	TSS1501	chrX:100474930	0	0
POT1-AS1	TSS1931	chr7:124569920	0.10717	0.0663647
FURIN	TSS10616,TSS	chr15:91411820	21.3947	11.5948
CSGALNACT1	TSS2147,TSS2	chr8:19261671-	5.59767	1.41155
SH3PXD2A	TSS25133	chr10:10535370	1.03111	0.995753
MTRNR2L10	TSS7489	chrX:55207823-	0	0
LINC-PINT	TSS27801	chr7:130562320	8.52557	2.99736
XKR4	TSS7295	chr8:56015016-	0.0705615	0.0718589
SEMA6C	TSS3428	chr1:151104160	0.167414	0.103657
DLL1	TSS11168	chr6:170591290	0.424452	0.554426
NOXO1	TSS10900	chr16:2028917-	0	0.0444491
LY96	TSS29137	chr8:74903563-	12.6353	8.44735
LOC105274304	TSS18094	chr17:74668000	0.213194	0
ARHGEF3	TSS25743,TSS	chr3:56761445-	2.88856	4.8558
KIRREL	TSS22445	chr1:157963060	0	0.00292398
CCL28	TSS19356,TSS	chr5:43376747-	1.56885	2.25527
TCF3	TSS10743,TSS	chr19:1609288-	34.9302	45.4555
CKM	TSS33323	chr19:45809670	0	0.0866115
SLC7A11-AS1	TSS5020	chr4:139010160	0.492462	0.454902
FAM83E	TSS10641	chr19:49103850	0	0.315088
KCTD16	TSS1516	chr5:143550430	0.199487	0.000306302



IL11	TSS18678	chr19:55875749	0	0
GALNT9	TSS12313,TSS	chr12:13268097	0	0.393834
ENTPD1	TSS12456,TSS	chr10:97471539	5.26236	15.0779
SNHG5	TSS23221	chr6:86386724	49.2231	49.276
ENG	TSS16849,TSS	chr9:130577290	0.963808	2.87262
SOGA1	TSS24750,TSS	chr20:35405844	3.04192	2.37305
MAPK11	TSS25213	chr22:50702147	1.17313	1.88175
PRKG2	TSS10936,TSS	chr4:82008523	0	0.00823674
CSNK1G2-AS1	TSS27931	chr19:19525257	0.145453	0.253609
ABCC11	TSS13624,TSS	chr16:48200827	0.0194104	0
VWA3A	TSS30329	chr16:22103858	0.0939643	0
PCED1B-AS1	TSS14005	chr12:47602202	8.93522	3.90726
SPRED2	TSS28004,TSS	chr2:65537984	0.15945	0.945795
LOC554223	TSS24406	chr6:29759682	0.389357	1.18283
ZNF470	TSS33138	chr19:57078889	1.21963	1.01589
NPHP3	TSS21266	chr3:132399452	3.80174	1.79998
FAS-AS1	TSS11478	chr10:90751180	0.300916	0.209805
ZNF502	TSS26476	chr3:44754134	1.38766	2.06613
BCAT1	TSS13393,TSS	chr12:24962957	0.554623	2.50975
FAM72C	TSS13942	chr1:143896524	0.614246	0.559459
LOC102724467	TSS9088	chr16:87799936	2.5683	0.161631
PRR19	TSS34116	chr19:42806289	1.89E-79	0.417683
DRAIC	TSS5258	chr15:69854058	0	0
CD86	TSS33360,TSS	chr3:121774208	11.892	6.41722
TRAF3IP3	TSS11493,TSS	chr1:209929376	28.3158	19.0073
C20orf194	TSS23116	chr20:32299477	0.828691	0.55031
C9orf173-AS1	TSS30305	chr9:140144670	0	0.0210454
CDC42BPB	TSS7605	chr14:10339877	6.30453	7.75531
FAM86B1	TSS23223	chr8:12039612	1.19496	4.33612
RGPD6	TSS14989	chr2:110550334	1.47422	0.653695
HIST1H4C	TSS26976	chr6:26104175	27.028	11.1286
SH2D1A	TSS13741	chrX:12348013	1.02884	0.206761
GXYLT2	TSS3517	chr3:72937384	0.00605326	0.0767717
STX1B	TSS25481	chr16:31000576	0	0.07159
CHEK2P2	TSS5277	chr15:20487996	0	0.0927304
GK	TSS3239	chrX:30671475	0.89095	1.76879
OCRL	TSS9422	chrX:12867425	0.621634	1.72278
ASPH	TSS23375,TSS	chr8:62413114	1.9346	1.22195
TSL	TSS8953	chr7:27655592	0	0.279365
SYNC	TSS28038	chr1:33145506	2.06E-271	2.87E-41
NINJ1	TSS7940	chr9:95883770	9.16474	12.6683
ZNF157	TSS1816	chrX:47229998	0.572812	0.407093
PLCXD1	TSS14000,TSS	chrX:192990-2	1.5295	2.54895
ARHGAP31	TSS16347	chr3:119013219	1.35962	1.37414
MFI2	TSS19463,TSS	chr3:196728617	0.398718	1.26756
MAGED4B	TSS21227	chrX:51804922	0.893863	0.757786
RUNX2	TSS11658,TSS	chr6:45296053	0.913819	0.461126
DENND5B	TSS18427,TSS	chr12:31535156	8.05171	2.74903
LINC01098	TSS13298	chr4:178649910	0	0.161461
ZNF221	TSS19529,TSS	chr19:44455374	1.07284	0.968336
LINC01176	TSS15207	chr7:30430500	2.58367	0.708016
LOC100507642	TSS12467	chr7:149717-1	0.163043	0.238444
TESPA1	TSS26358,TSS	chr12:55342086	2.83883	2.83816
ZNF578	TSS21428	chr19:52956828	0.546584	0.32599
OTUB2	TSS29588	chr14:94492729	0.202491	0.200258

HOXA2	TSS21024	chr7:27139972-	0	0.180348
FUT4	TSS5806	chr11:94277010-	1.52425	1.1411
SIX5	TSS7284	chr19:46268042-	0.197642	0.183581
CD79A	TSS21105	chr19:42381189-	553.022	403.694
VASN	TSS19916	chr16:4421848-	0.616068	0.452471
C1orf233	TSS6639	chr1:1533387-	0.80243	1.27635
ATP5J2-PTCD	TSS14482	chr7:99014361-	1.70198	0.27969
CES3	TSS10124,TSS	chr16:6699513-	0.134471	0.0173325
NEIL3	TSS13833	chr4:178230990-	0.615486	0
SLC12A7	TSS19076	chr5:1050488-	15.2422	15.7537
RCAN3AS	TSS15205	chr1:24822822-	0	0
UNC5B	TSS17678	chr10:7297229-	0.105937	0.130198
FAM72C	TSS5790	chr1:206138430-	3.23E-06	0.606348
ZBTB8A	TSS615	chr1:33004745-	0.060562	0.0624846
RPL34-AS1	TSS24182	chr4:109459340-	0	0
TCEAL3	TSS24053	chrX:102862830-	4.74219	4.35407
GPR152	TSS5120	chr11:6721877-	1.0237	0.179102
SORD	TSS2516	chr15:4531530-	4.08313	23.6274
SELL	TSS34139,TSS	chr1:169659800-	94.4384	141.476
TMEM74B	TSS23467,TSS	chr20:1161204-	0	0
TCP10L	TSS23883	chr21:33947150-	0.214201	0.459219
GAS6-AS1	TSS11352	chr13:11451850-	1.31609	4.12942
MTSS1	TSS14104	chr8:125563010-	16.873	12.6236
CXorf65	TSS28684	chrX:70323738-	1.07158	0.325003
ITGB4	TSS11999,TSS	chr17:73717510-	0.166087	0.0834428
ANO9	TSS21275	chr11:417929-2	1.80112	1.37048
LOC101927740	TSS26865	chr5:158527490-	0.293792	0.490781
LOC101928330	TSS32152	chrX:11842549-	0	0
CAMKK1	TSS4176,TSS8	chr17:3763616-	2.28898	8.76245
CCDC113	TSS14112	chr16:58283830-	0	0.404968
PPFIBP1	TSS25179	chr12:27677040-	1.25649	2.95218
MYEF2	TSS3254	chr15:48431620-	2.94236	1.63115
LINC00441	TSS12153	chr13:48870640-	0.170769	0.0992806
CCDC122	TSS22538	chr13:44410480-	0.520745	0.736405
LOC339874	TSS31950	chr3:131043930-	0.00563329	0
SFN	TSS3713	chr1:27189632-	0.725998	0.156588
XKR8	TSS430	chr1:28285972-	1.83257	2.56266
DPRXP4	TSS17516	chr17:29302350-	0	0.38963
APBB2	TSS28628,TSS	chr4:40812043-	0.580969	0.241368
CTSC	TSS14895	chr11:88026750-	4.90854	40.6002
NKAIN3	TSS4043	chr8:63161500-	0.258738	0.110868
MAGED1	TSS1895,TSS2	chrX:51546154-	6.63704	17.5993
ASB9P1	TSS23236	chr15:93338710-	0	0.0221434
LOC101929574	TSS32773	chr10:82289350-	1.44837	0
PPP2R3B	TSS11448	chrX:294667-30-	0.447485	1.65889
DNM3	TSS31416	chr1:171810610-	0	0.0517988
MPP1	TSS32105	chrX:154006950-	2.24318	1.98385
MCM8-AS1	TSS28116	chr20:5971440-	0	0
AKAP3	TSS20274	chr12:4724673-	0	0.197126
SDR42E1	TSS32791	chr16:82031250-	1.47056	2.25214
PLCD1	TSS17377,TSS	chr3:38048986-	1.71238	0.708057
LAMTOR5-AS	TSS12569	chr1:110950430-	0	0.265169
CADM4	TSS16633	chr19:4412652-	0.622454	1.60663
C4orf19	TSS26972,TSS	chr4:37455551-	0.132218	0.130258
BCYRN1	TSS24987	chrX:70430034-	0.554913	4.31841

CHRNA1	TSS28554	chr2:233404430	0	0.051132
SLC23A1	TSS12373	chr5:138702884	0.401146	0.310597
PLCB2	TSS19385	chr15:40580097	3.54825	2.42464
GPT2	TSS13880,TSS	chr16:46918297	3.67185	4.92031
LRRC34	TSS20325	chr3:169511215	0.585681	0.837746
FABP5	TSS7655	chr8:82192717-	1.73827	48.9116
PHACTR2	TSS12000,TSS	chr6:143929310	1.21939	0.707162
FAM72D	TSS5151	chr1:143896457	0.000297465	3.53E-05
LOC101928674	TSS20618,TSS	chr17:76356528	0.339713	0.26482
ZFP28	TSS7927	chr19:57050310	2.70034	1.49172
RAPSN	TSS28550	chr11:47459307	0	0.243313
TNK1	TSS6574	chr17:7284292-	1.0802	0.553542
LAMC1	TSS16203	chr1:182992594	4.70836	6.83643
FAM46A	TSS3724	chr6:82455446-	3.47635	1.77171
C12orf42	TSS20445	chr12:10363130	1.70984	1.11958
SLC9A9	TSS1579	chr3:142984060	0.783194	0.335741
ATP4A	TSS28637	chr19:36041094	0	0.00317106
RSPO4	TSS10240	chr20:939095-0	0	0.0253917
C2orf61	TSS21857	chr2:47314129-	0	0.0491038
LY75	TSS18711	chr2:160659867	6.65067	7.70794
RARRES3	TSS32111	chr11:63304270	8.49674	4.8652
MBOAT7	TSS32680	chr19:54677105	6.95345	10.4996
GGTLC2	TSS17660,TSS	chr22:22987090	2.33332	1.49805
PLEKHB1	TSS16937,TSS	chr11:73357220	4.2832	1.25694
FKSG29	TSS1553	chr13:10000367	0	0.366737
HS3ST3A1	TSS11590	chr17:13397348	0.0206802	0.108703
CD70	TSS8286	chr19:6585849-	4.52319	45.4802
8-Sep	TSS26392,TSS	chr5:132086508	0.824841	1.033
FAM57A	TSS9838	chr17:635846-0	1.13304	3.02028
LOC100507150	TSS11091	chr8:23193720-	0	2.78E-09
LPAL2	TSS32966	chr6:160887580	0.300869	0.155187
RAC3	TSS7119	chr17:79989537	0.0388809	0.828382
LOC101929680	TSS4557	chr2:166938040	0.149547	0.0341059
SNPH	TSS14091	chr20:1246959-	0.12956	0.209441
FGD2	TSS20633	chr6:36973422-	11.6316	19.4264
LILRB5	TSS4395	chr19:54754268	0.445786	0.363801
KLHL10	TSS22372	chr17:39994040	0	0.105144
SPTBN5	TSS23821	chr15:42140340	0.0793801	0.0474575
PRRT1	TSS5904	chr6:32116139-	0	0
PMEPA1	TSS26853,TSS	chr20:56223447	11.7117	7.66042
CYTH3	TSS28771	chr7:6201411-0	3.50986	5.81539
ACTA2	TSS11966,TSS	chr10:90694830	2.60595	1.79515
ZNF682	TSS12334,TSS	chr19:20115220	1.78744	1.5334
DPY19L2P4	TSS14712	chr7:89748713-	0.562971	0.0871933
RGS16	TSS8910	chr1:182567757	4.9139	5.32926
ACVR2A	TSS32846,TSS	chr2:148602085	1.52158	0.716318
MT1G	TSS9404	chr16:56700640	0	0.732131
ELOVL6	TSS16536,TSS	chr4:110970228	0	1.80439
RIC3	TSS26357	chr11:8127596-	1.32357	1.23913
ARL6	TSS29541	chr3:97483364-	0.611092	1.84104
CTNND1	TSS24262	chr11:57529230	6.24048	8.16971
ITGB1BP2	TSS5373	chrX:70521597-	0	0.730796
DHDH	TSS2194	chr19:49436938	0	0.388757
SHISA7	TSS9539	chr19:55940104	0.0639473	0
GPR137C	TSS18950	chr14:53019865	0.123246	0.0520305

TTC39B	TSS18428,TSS	chr9:15170841-	0.395725	0.32416
CDKN3	TSS16429	chr14:5486367-	0.482677	1.92126
BRSK2	TSS13652,TSS	chr11:1411128-	0.084942	0.0733338
MYO1C	TSS14172,TSS	chr17:1367479-	8.64235	9.33272
MAK	TSS4620	chr6:10762955-	0	0.208405
OR2A4	TSS16759	chr6:13202078-	0.55014	0.192763
SLC9A3R2	TSS32527,TSS	chr16:2076868-	0.438982	1.50232
ST8SIA5	TSS24026	chr18:4425908-	0	0.0656998
LOC103908605	TSS27628	chr9:44401769-	3.30151	2.24309
C15orf52	TSS25283	chr15:4062365-	0.339361	0.150067
CRB2	TSS154,TSS22	chr9:12611844-	0.175054	0.135464
LOC100130992	TSS15510	chr10:2254100-	1.20919	0.276101
DENND2C	TSS14454	chr1:11512719-	1.0294	0.194948
C8orf37-AS1	TSS13963	chr8:96281063-	0	1.99165
LINC01372	TSS13772	chr7:66800962-	4.88762	0
LOC554249	TSS25589	chr9:42018874-	1.29682	1.15543
KALRN	TSS33331,TSS	chr3:12381355-	0.0447914	0.040438
E2F8	TSS20262,TSS	chr11:1924560-	0	0.321133
SCN8A	TSS5226	chr12:5198501-	0.0706251	0.0429496
C22orf34	TSS33501	chr22:4980817-	0.966786	3.00044
GTF3C2-AS1	TSS9461	chr2:27558408-	0	2.53E-267
LOC100996583	TSS34140	chr1:2497973-	0	1.88773
LRRC3	TSS7575	chr21:4587536-	0.194134	0.491899
HYAL3	TSS18123,TSS	chr3:50330258-	1.38494	3.55049
BHLHE40	TSS4285	chr3:5021096-	18.7139	14.7453
CDKN2C	TSS15159,TSS	chr1:51434366-	0.772818	0.42029
RGL1	TSS1884,TSS2	chr1:18360518-	0.38663	0.363474
HIST2H2AA4	TSS30316	chr1:14982262-	6.34526	11.5769
FAM66D	TSS16923	chr8:11973290-	0.166435	0.260963
SPC24	TSS5579	chr19:1125783-	0	0.265632
TNXB	TSS16442,TSS	chr6:32008931-	0.605986	0.05477
SPTBN4	TSS27093,TSS	chr19:4097312-	0.0929824	0.0277679
RNASET2	TSS5498	chr6:16734300-	52.7906	53.2784
NTM	TSS19183,TSS	chr11:1312403-	0	0.12347
TAS2R50	TSS1377	chr12:1113851-	0	0.193918
RHEBL1	TSS9742	chr12:4945845-	3.08817	2.48523
GOLGA8M	TSS15833	chr15:2894384-	0.201026	0.177504
HAVCR1P1	TSS25343	chr19:2434499-	0	0.207779
SIAH2	TSS30525	chr3:15045890-	9.78857	14.8934
GBP6	TSS1778	chr1:89829435-	0	0.294391
KLHL31	TSS6708	chr6:53512698-	0.127114	0.0954722
LGALS3	TSS20908,TSS	chr14:5559593-	4.00118	6.91664
NT5DC1	TSS25246	chr6:11642199-	5.87608	6.18154
DDR1	TSS12084,TSS	chr6:30850389-	10.2046	3.63787
CD19	TSS24582	chr16:2894325-	39.5371	97.9888
LOC643733	TSS1307	chr11:1047722-	2.42497	1.10446
TEKT5	TSS32315	chr16:1072136-	0	0.223893
MCF2	TSS30884,TSS	chrX:13866392-	0.265777	0.244905
LOC399815	TSS31873	chr10:1246391-	0.998463	0.414882
ZAP70	TSS16890,TSS	chr2:98330030-	1.19789	0.703001
FADS3	TSS7303	chr11:6164099-	13.4063	20.0506
SMN2	TSS7570	chr5:70220767-	7.75557	17.1496
CDR2L	TSS9971	chr17:7298372-	0.173398	0.191734
SNURF	TSS22889	chr15:2520006-	1.59E-22	0.0019152
GCHFR	TSS255	chr15:4105628-	7.85563	22.6805

SMN2	TSS34219	chr5:69345349-	8.9747	16.5543
SOX30	TSS1617,TSS2	chr5:157052680-	0.544092	0.194056
EPS8L1	TSS5333,TSS9	chr19:55587220-	0	0.0934308
CERCAM	TSS16744,TSS	chr9:131181430-	1.28352	0.773186
PXYLP1	TSS34235	chr3:140950660-	0	0.341969
SLC44A4	TSS1009,TSS1	chr6:31830969-	0.0178111	0.0827518
GADD45A	TSS6426	chr1:68150859-	7.52712	10.5093
HS3ST3B1	TSS297	chr17:14204360-	0.255757	0.944366
GPRIN1	TSS21823	chr5:176022800-	0.443634	0.918255
PCDHB14	TSS2987	chr5:140601890-	0.241622	0
HIST2H2AA4	TSS28927	chr1:149813780-	7.25173	11.6871
GAREML	TSS25169,TSS	chr2:26395959-	0.553238	0.379704
SQRDL	TSS16934,TSS	chr15:45923340-	16.1477	15.6213
STAT4	TSS29285,TSS	chr2:191894300-	1.81863	4.5028
THBS2	TSS16360	chr6:169615870-	0	0
LY86	TSS20251	chr6:65889330-	17.1422	23.4346
MAP3K19	TSS9444	chr2:135722060-	0	0.0180601
CDC14C	TSS5507	chr7:48964156-	0.313498	0
C9orf117	TSS10928	chr9:130469270-	0	0.103805
LOC727751	TSS19557	chr15:83140200-	0.304763	0.366717
GINS1	TSS27351	chr20:25388320-	1.42881	2.39801
DNALI1	TSS12148	chr1:38022519-	0	0.169038
GPC2	TSS30947	chr7:99767228-	0.0171973	0.812166
LOC554249	TSS27261	chr9:46686628-	1.32981	1.07061
MCC	TSS15849,TSS	chr5:112357790-	0.191499	0.184214
ARHGEF34P	TSS29239	chr7:143956080-	1.03002	1.32809
DNMBP	TSS27959	chr10:10163530-	1.65893	2.54473
TNFSF14	TSS13084	chr19:6663147-	0.20692	0.082839
ZNF404	TSS1292	chr19:44376510-	0.920707	0.597446
MTRNR2L9	TSS33484	chr6:62284007-	24.4603	14.0024
LOC101929679	TSS14213	chr15:86298170-	0	0
THEMIS2	TSS3759	chr1:28199053-	26.9715	22.583
ANKRD53	TSS5305	chr2:71205574-	0	0.0530304
PCP4L1	TSS28453	chr1:161228510-	1.32616	0
CHAC1	TSS27085	chr15:41245630-	12.5061	11.7047
HMMR-AS1	TSS26657	chr5:162909600-	0	0.0318357
SLC13A4	TSS741	chr7:135365980-	0.214018	0
LOC727751	TSS424	chr15:82944740-	0.130864	0.113531
PRSS12	TSS18999	chr4:119201190-	0.0567752	0
MUC6	TSS9130	chr11:1012823-	0	0.00411711
LOC439933	TSS19167,TSS	chr4:36245737-	0	0.196394
ABHD1	TSS25623	chr2:27346656-	0	0.22721
FAM13A	TSS13377,TSS	chr4:89647104-	0.494496	0.29343
RSPH14	TSS18469	chr22:23401590-	0	0.00595299
PRKCA	TSS22660	chr17:64298920-	0.232637	0.259999
AK8	TSS15529	chr9:135600960-	0.365453	0.599281
ENO4	TSS7357	chr10:11860900-	0.169964	0.107653
GOLGA8T	TSS27971	chr15:30427980-	0.484805	0.296915
FAM212A	TSS23009	chr3:49840686-	6.1088	3.36735
NUP210L	TSS1369	chr1:153965160-	0.0015847	0.0511248
PTPRVP	TSS11654	chr1:202137170-	0.520077	0.0246438
CYP27B1	TSS18510	chr12:58156110-	0.305455	0.459075
ACCS	TSS19145,TSS	chr11:44087720-	0.899051	1.43204
PLET1	TSS28714	chr11:11211880-	0	0.0704953
C9orf139	TSS22784	chr9:139921910-	0.356362	0.0627051

RHOBTB2	TSS16991,TSS	chr8:22844929-	4.97873	8.16374
FAM49A	TSS25324	chr2:16730729-	9.86186	4.94093
SYNE1	TSS10902,TSS	chr6:152442818-	2.16259	0.727026
GSN-AS1	TSS27076	chr9:124043045-	0.417285	0.126366
ZBTB46	TSS11485	chr20:62375020-	0.452904	0.303409
LHFPL2	TSS21580	chr5:77781037-	3.85473	2.03502
LINC00665	TSS27968	chr19:36803962-	5.09734	11.9301
ZFP36L2	TSS15384	chr2:43449540-	41.7257	31.8548
GPR18	TSS10983	chr13:99906966-	9.63464	5.57981
TRIP13	TSS26800	chr5:892968-91-	0.412539	3.76035
LOC100507564	TSS14632	chr1:53704281-	1.7634	0
LOC100500773	TSS25516	chr8:96959212-	0	0.165341
CCDC171	TSS22200	chr9:15553096-	0.28842	0.0538798
GABARAPL3	TSS26354	chr15:90889762-	0	0.0939485
RAB42	TSS26277,TSS	chr1:28918711-	0	0
SNORA22	TSS22618	chr7:65220512-	5.9726	0
C1orf61	TSS23878	chr1:156374052-	0.643563	0.544639
LCMT1-AS2	TSS6769	chr16:25151891-	0	0.105815
TAS2R30	TSS19415	chr12:11285882-	0	0.258039
LOC101927136	TSS2898	chr6:53426086-	0	0.0120631
LRR19	TSS7912	chr9:26993134-	0.496742	0.178175
ERRFI1	TSS12683	chr1:8071778-81-	1.38868	1.24201
SH2B2	TSS1405	chr7:101928352-	1.53555	4.77212
TCEAL2	TSS10354	chrX:101380659-	0.0706333	0.740175
FMR1-AS1	TSS29011	chrX:146990941-	0.204101	0
PHC2	TSS27877,TSS	chr1:33789223-	13.8143	14.2232
FGFR3	TSS20200	chr4:1795038-1-	0.252887	0.144963
ZNF826P	TSS730	chr19:20578625-	3.10659	0.724095
SPATA45	TSS7994	chr1:213003482-	0	0
RNF224	TSS3040	chr9:140122017-	0	0
TMEM65	TSS25121	chr8:125323158-	5.80517	2.24852
CCDC71L	TSS18543	chr7:106297210-	3.8685	8.09496
FAM188B	TSS32763	chr7:30811032-	0	0.318617
TCEAL4	TSS10771,TSS	chrX:102831158-	11.5291	19.6626
SERF1A	TSS17211	chr5:70196489-	0.00525534	0.00525023
SLC5A11	TSS28667,TSS	chr16:24857182-	0	0.136564
RLN2	TSS3503	chr9:5299865-81-	0	0.856071
LRIT3	TSS514	chr4:110769339-	0	0.169984
GAS8-AS1	TSS11296	chr16:90095315-	0	0.195327
ARHGEF5	TSS13991	chr7:144052488-	1.50135	1.76008
P2RX2	TSS2637	chr12:13319536-	0	0
CHST7	TSS20201	chrX:46433121-	0.0180692	0.531612
PGM2L1	TSS24526	chr11:74041356-	6.86926	2.24585
MBOAT2	TSS24512	chr2:8996700-91-	0.596069	0.0798489
ZNF337-AS1	TSS16307,TSS	chr20:25604680-	0.593142	0.202296
BCL6B	TSS22292	chr17:6926368-	0.0620753	0
AIF1L	TSS15667	chr9:133971862-	0.143346	0.0706113
ITPRIPL2	TSS23775	chr16:19125252-	1.97292	0.842132
HTRA4	TSS17316	chr8:38831667-	0.193077	0.215961
NCF1	TSS5054	chr7:74188308-	52.8568	78.2741
TEAD2	TSS24379,TSS	chr19:49843852-	3.44556	1.81277
PTMS	TSS28522	chr12:6875540-	1.39882	9.99988
NCF1C	TSS20183	chr7:74572383-	49.565	68.1242
RASGEF1A	TSS11733,TSS	chr10:43689980-	0.461536	0.399291
MUC5B	TSS9935	chr11:1244294-	0.0716526	0.0133283

PSEN2	TSS10487	chr1:22705827-	3.31032	3.69561
TCEAL6	TSS15878	chrX:10139493-	0.608101	0.714063
AKIP1	TSS21097,TSS	chr11:8932700-	3.65601	5.19371
HHIPL2	TSS14756	chr1:22269560-	0.484924	0.0670414
PLSCR1	TSS8261	chr3:14623296-	4.48872	3.47309
FCGBP	TSS9085	chr19:4035396-	0.522186	0.270098
C1orf53	TSS938	chr1:19787168-	0	0.313342
UBE2Q1-AS1	TSS16210	chr1:15452608-	0	1.63941
CTTN	TSS14968	chr11:7024461-	0	0
ZNF415	TSS29871,TSS	chr19:5361113-	0.652682	1.16991
BALF5_1	-	chrEBV(Akata_	0.00975687	0.0768479
SMIM18	TSS5732	chr8:30496116-	0	0.258174
USP51	TSS24086	chrX:55511048-	0.511795	0.370701
HIF1A-AS2	TSS24154	chr14:6221375-	8.97E-62	0.120127
LDB3	TSS13334,TSS	chr10:8842820-	0.08684	0.053763
CNKSR2	TSS27494	chrX:21392535-	0.897697	1.35459
RPS6KA6	TSS14218	chrX:83313353-	0.0829958	0.0722452
GOLGA6A	TSS10598	chr15:7436219-	0	0.0757787
MAPRE3	TSS1383,TSS2	chr2:27193238-	2.40113	2.63553
MST1R	TSS32008	chr3:49924435-	0.327397	0.0579125
PDZD9	TSS16352	chr16:2199518-	0	0.0353793
SLC25A30-AS	TSS10038	chr13:4599229-	0	0.181655
LOC285593	TSS32471	chr5:17300663-	0.411909	0
SERF1A	TSS7854	chr5:69321071-	0.00524815	0.00519937
ATP1A3	TSS1780,TSS2	chr19:4247073-	0.45493	0.537162
ARHGEF35	TSS9669	chr7:14388317-	1.25931	1.24803
TNFSF9	TSS6251	chr19:6531009-	1.94759	5.94824
CD40	TSS27310	chr20:4474689-	36.136	49.2208
CTPS2	TSS14222,TSS	chrX:16606121-	1.1535	1.5156
C19orf18	TSS9872	chr19:5846980-	0.334156	0.561579
ZNF354C	TSS18092	chr5:17848760-	2.24865	1.77031
GOLGA6D	TSS9772	chr15:7557518-	0	0.0571511
DRAM1	TSS7743	chr12:1022711-	1.16697	1.94564
C11orf63	TSS19106	chr11:1227532-	0.59631	1.08104
NCR3	TSS23271	chr6:31556659-	5.70709	1.37163
MIR497HG	TSS8298	chr17:6919136-	4.49E-73	0.211196
CTSH	TSS26537	chr15:7921409-	84.2368	57.4106
EP300-AS1	TSS20531	chr22:4158121-	0	0.0266867
TSPO2	TSS1920,TSS3	chr6:41010236-	0.245944	0.541128
ISPD	TSS23087	chr7:16127151-	0	0.10841
NPTX1	TSS3182	chr17:7844063-	0.0632911	0.128567
DPY19L1	TSS32346	chr7:34968492-	3.47708	3.41649
ZNF442	TSS10532	chr19:1246018-	1.43066	0.424952
HDAC9	TSS1000,TSS1	chr7:18126571-	7.28005	4.20407
DAPK2	TSS19440	chr15:6419923-	5.60675	2.59655
NDUFA4L2	TSS29567	chr12:5762868-	3.55064	1.32859
TUBA3FP	TSS14596	chr22:2136249-	0.720656	0.218607
MYBL1	TSS26594	chr8:67474409-	0.45623	0.0799378
GBP7	TSS9368	chr1:89597433-	0.103287	0.221091
C1orf204	TSS33394	chr1:15980426-	0	1.12E-08
FKBP14	TSS32457	chr7:30050198-	1.43387	0.989186
ZNF625	TSS29477	chr19:1225570-	1.74079	0.603965
PRCD	TSS22867,TSS	chr17:7452366-	0	0.106982
MAP7	TSS16738,TSS	chr6:13666341-	0.658105	0.0653929
TLR6	TSS18501	chr4:38825328-	22.0323	14.1924

CG2D2A	TSS28868	chr4:15471488-	0.00821857	0.00291503
NCF1B	TSS22293	chr7:72634673-	37.3529	44.9551
FAM180B	TSS20512	chr11:47608229-	0	0.0522496
FXYD1	TSS13090,TSS	chr19:35629692-	3.62648	1.07833
ZNF541	TSS24631	chr19:4802394-	0	0
TMED7-TICAM	TSS2503	chr5:114914192-	3.71E-06	9.86E-06
GOLGA6L22	TSS32031	chr15:2273626-	0	0.0442052
UBE2Q2L	TSS33699	chr15:8484124-	0	0
FMO5	TSS21354	chr1:14665588-	0.787199	0.631136
RARG	TSS12761,TSS	chr12:5360434-	1.4702	1.8095
SIT1	TSS20322	chr9:35649296-	5.80812	3.41384
VANGL1	TSS10374,TSS	chr1:11618457-	0.0344587	0.186673
SPRED1	TSS10158	chr15:3854505-	0.0029412	0.548476
NPHP1	TSS15193	chr2:11088091-	0	0.130491
RAPH1	TSS29296	chr2:20429840-	0.219362	0.185841
NCF4	TSS25377	chr22:3725702-	17.3279	29.7717
HIST2H3A	TSS29892	chr1:14981225-	0.458411	0
ZNF433	TSS29314	chr19:1212553-	3.80467	1.66899
GUSBP5	TSS23493	chr4:14448062-	0	0.00590547
FAM83H	TSS33462	chr8:14480610-	0.214993	1.14083
OGFR-AS1	TSS10996	chr20:6143197-	0.0831047	0
MCPH1-AS1	TSS17771	chr8:6473123-	0	0.0335688
SERPINB9P1	TSS21467	chr6:2854890-	11.9443	7.35194
LINC01237	TSS7759	chr2:24282351-	0	0.47456
ZSWIM5	TSS8861	chr1:45482075-	0	0.125207
ARMC9	TSS18723,TSS	chr2:23206325-	0.649911	0.632217
SCN7A	TSS31831	chr2:16726008-	0	0.0367679
PBK	TSS14396	chr8:27667137-	0	0.540723
C17orf96	TSS15116	chr17:3682795-	0.871355	4.62656
ZNF284	TSS18521	chr19:4457629-	0.578659	1.03214
SWAP70	TSS11197	chr11:9685623-	60.5232	58.8889
CD81-AS1	TSS23152	chr11:2349978-	0.579305	0.0641469
LRRC37A8P	TSS7586	chr17:3423122-	0.113078	0.0340272
LOC101928105	TSS13997	chr3:15045225-	0	0.663576
LTBP3	TSS16612	chr11:6530602-	1.44681	2.33542
CTIF	TSS5647	chr18:4606542-	0.980399	2.38497
LAMB1	TSS22631	chr7:10756424-	0.154175	0
FSTL4	TSS18154	chr5:13253215-	0.00799482	0.143328
MFGE8	TSS23519,TSS	chr15:8944191-	2.64578	1.09726
ADAP1	TSS13289,TSS	chr7:937536-9-	0.960082	1.3066
ALOX5AP	TSS2231,TSS3	chr13:3128761-	18.5458	11.8933
TMEM231	TSS25274	chr16:7557201-	0.350185	0.919349
DLG5	TSS3796	chr10:7955054-	0.193876	0.354447
LINC01134	TSS9099	chr1:3816967-	0.280214	0.813776
CTNNA3	TSS15687,TSS	chr10:6767227-	0.0240243	0.0123791
PRELID2	TSS10289	chr5:14513590-	0.0730853	0.427711
HOXA3	TSS24710,TSS	chr7:27145808-	0.256337	0.0939876
PPP1R26	TSS17451	chr9:13837164-	1.95994	1.63188
ADCY4	TSS6148	chr14:2478755-	0.563223	0.119152
TOP1P2	TSS12107	chr22:2516046-	0	0
TSNAX-DISC1	TSS27996	chr1:23166439-	4.85E-09	0.096829
LRFN4	TSS33650	chr11:6662487-	0.353121	3.97787
ARID3A	TSS23995	chr19:926036-	5.0683	7.28963
FLJ26850	TSS2526	chr19:5055393-	0	0
GRIA4	TSS30930,TSS	chr11:1054807-	0.246277	0.0657607



KIF21A	TSS3119	chr12:39687020	1.32606	2.96168
INPP4B	TSS17732	chr4:14294918	0.20537	0.0709074
JADE3	TSS20993,TSS	chrX:46771710	6.86441	12.7616
ARHGEF4	TSS10864,TSS	chr2:13167422	0.420428	0.0462411
PER1	TSS1059	chr17:8043787	4.63552	7.76802
ITGB7	TSS30466	chr12:5358510	28.2549	17.233
CNGB3	TSS23000	chr8:87586162	0	0
RAB39A	TSS9287	chr11:10779920	0.123243	1.22176
LINC00173	TSS10168,TSS	chr12:1169712	0.816063	1.35603
ZDHHC1	TSS17360	chr16:6742832	0.181031	0.440045
CCDC87	TSS14142	chr11:6635763	0	0.0587183
SLC25A41	TSS25810	chr19:6426047	0	0.116642
PELI2	TSS24172	chr14:5658509	3.96648	1.74478
COL10A1	TSS19318	chr6:11644008	0.600707	0.123995
WDFY3-AS2	TSS17035	chr4:85887970	0	0
HIST2H3A	TSS1922	chr1:14982418	0.458411	0
NPPA	TSS2098	chr1:11905766	1.94024	0.0470414
SYS1-DBNDD1	TSS28455	chr20:4399180	1.55E-39	9.81E-15
KIF13A	TSS31243	chr6:17759413	4.90363	2.94528
VPS9D1	TSS25539	chr16:8977354	2.5348	1.51445
SPECC1	TSS14350,TSS	chr17:1991264	0.609441	0.778506
LOC100129148	TSS31659	chr7:13910220	8.65E-236	0.709826
TLE6	TSS1787	chr19:2977535	0	0
LOC101929468	TSS16437	chr4:10541212	0.00190108	4.51E-10
EGFL8	TSS33085	chr6:32132381	0	3.92E-11
RAB40A	TSS24703	chrX:10275468	0	0
STX16-NPEPL1	TSS7650	chr20:5722630	7.37E-152	0.0619902
MRC1	TSS19219	chr10:1785134	0.065869	0.0460251
ERO1B	TSS10851	chr1:23637842	4.89698	2.91156
PCDHGA2	TSS21445	chr5:14071832	0.0654896	0.100048
DPYSL2	TSS11896,TSS	chr8:26371708	2.32059	2.1023
GRIK5	TSS15896,TSS	chr19:4250246	0.0866989	0.0921974
GYS2	TSS21721	chr12:2168912	0.0843613	0.185024
FAM105A	TSS9765	chr5:14581890	0.236315	0.13597
ACTA2-AS1	TSS3671	chr10:9069244	0.044818	0.438075
MBOAT4	TSS30751	chr8:29989186	0	0.199075
CARD16	TSS2269	chr11:1049120	7.54573	14.0302
DUXAP8	TSS7231	chr22:1615052	0.00716205	0.0228374
FAH	TSS6580	chr15:8044523	2.07122	17.8558
HIST2H3D	TSS22695	chr1:14978477	3.02871	1.15201
AMY1C	TSS4769	chr1:10423004	6.60E-06	0.000871337
CHKB-AS1	TSS17568	chr22:5102145	0	1.11289
ABCA1	TSS6540	chr9:10754328	1.33977	0.342767
DMXL2	TSS13455	chr15:5173992	0.531669	0.386556
CLIC4	TSS6984	chr1:25071759	31.4411	28.21
TNFRSF13C	TSS4206	chr22:4232103	25.2562	57.5237
CLEC18B	TSS23026	chr16:7444252	0.386192	0.350304
CCDC136	TSS195,TSS36	chr7:12843146	0.586188	0.268207
KIAA1324L	TSS15463,TSS	chr7:86506221	1.40381	0.712688
RBAK-RBAKD1	TSS6621	chr7:5085451	4.58E-150	1.57E-07
PNLDC1	TSS13452	chr6:16022128	0.223951	0
LINC01277	TSS7840	chr6:14328755	0	0
SORT1	TSS13429,TSS	chr1:10985218	0.641154	0.0472372
LINC00997	TSS6609	chr7:32797897	1.40154	1.09789
METTTL7A	TSS15893	chr12:5131853	25.2318	8.33015

KIAA1683	TSS18914	chr19:18367905	5.03524	0.675983
SH3RF3	TSS3610	chr2:109745996	0	1.37349
SOX10	TSS15026	chr22:38368318	0.20109	0.0359241
TSPAN9	TSS26673	chr12:3186520-	0.212654	0.0339572
CR1L	TSS23779	chr1:207818457	0.642769	2.97267
PCP2	TSS12576,TSS	chr19:7696500-	0	0.776385
SLC6A13	TSS332	chr12:329786-	0	0.137864
PFKFB2	TSS11403	chr1:207226619	4.61072	3.9477
SNORA27	TSS10841	chr13:27829537	0	82.9739
SPSB1	TSS13985	chr1:9352940-	8.77578	2.66915
FAM86B2	TSS20692	chr8:12283123-	0.167883	2.28121
LOC10192853C	TSS31780	chr12:13346442	0	0
DLGAP1-AS4	TSS22941	chr18:3962352-	0	0.0632929
LGALS1	TSS2721	chr22:38071612	60.0041	48.5391
FAM72A	TSS5429	chr1:206138910	0.629396	0.00043541
PWAR1	TSS19949	chr15:25380788	0	0.0143764
ITIH4	TSS22507	chr3:52847005-	0.661284	0.458561
ADAM8	TSS31827	chr10:13507597	6.53139	2.1623
FAM167A	TSS10279	chr8:11278972-	6.92373	10.2406
FAM221A	TSS31723	chr7:23719732-	0.980949	3.12225
HIST1H2AG	TSS11995	chr6:27100816-	4.03296	0.0977251
CEBPB-AS1	TSS5549	chr20:48801139	0.427461	0.400493
IGSF8	TSS14184,TSS	chr1:160061128	9.58462	14.068
BLVRA	TSS33718	chr7:43798271-	1.36757	4.67687
CBX2	TSS1487	chr17:77751976	0	0.086611
LINC00260	TSS11355	chr1:203699704	0.902628	0.32061
CDC14B	TSS14180,TSS	chr9:99262394-	0.810503	0.40497
DNM1P35	TSS22326	chr15:76020010	0.042916	0.0474539
OAF	TSS27321	chr11:12008174	0.221314	1.44741
MTRNR2L7	TSS1082	chr10:37890369	0.00628122	0.016221
ARRDC3	TSS3486	chr5:90664540-	56.2528	14.9781
NAPSA	TSS192	chr19:50861730	0.374215	0.153764
SENCR	TSS17218	chr11:12856156	0	0.228424
SHANK3	TSS16304	chr22:51113069	0	0.0234227
PRKY	TSS440	chrY:7142012-	4.1177	2.85011
SNX9	TSS15245	chr6:158244202	22.0311	15.0985
ABLIM1	TSS19534,TSS	chr10:11619086	74.5266	36.7865
C15orf65	TSS8594	chr15:55700722	0	0
ZNF223	TSS17212	chr19:44556160	1.75231	0.85837
YIPF7	TSS25031	chr4:44624353-	0	0.118893
OR2A1-AS1	TSS9628	chr7:143892410	2.1052	1.08971
MIR600HG	TSS12670	chr9:125871772	10.9162	4.50369
PGLYRP2	TSS6698	chr19:15579456	0	0
MARK2P9	TSS16660	chr10:94178417	0	0.0414765
CDCA7	TSS502	chr2:174219560	0	1.67673
RUVBL1-AS1	TSS15788	chr3:127794652	0	0.537855
FBXL13	TSS19976,TSS	chr7:102453307	0	0.17133
LOC388282	TSS25768	chr16:57844548	0	0
PLSCR2	TSS14103,TSS	chr3:146151074	0.238563	0.775561
HOMER1	TSS15456	chr5:78669646-	0.694601	3.20718
NTN5	TSS11645	chr19:49164660	0	0
PLCH1	TSS20246,TSS	chr3:155197670	0	0.0432983
NEK11	TSS20937	chr3:130745690	0.434158	0.845606
HPSE2	TSS3741	chr10:10021680	0	0
PTGFRN	TSS33489	chr1:117452544	0.0313403	0.0246764

RAP2A	TSS29531	chr13:98086474	6.98341	6.03598
KDF1	TSS26370	chr1:27276046	0.178338	0.157858
MIR1254-1	TSS16644	chr10:70519074	0	0
GGT3P	TSS34048	chr22:18761207	0.563861	0.492803
BAGE4	TSS11521	chr21:11020847	0.335065	0.0668311
LINC00331	TSS4606	chr13:79361450	0	0.0107969
MFHAS1	TSS22609	chr8:86419984	10.5953	5.71034
CEMIP	TSS13606	chr15:81071680	0.192108	0.140645
CYP51A1	TSS13336,TSS	chr7:91741462	8.68688	36.3396
SERPINF1	TSS23245	chr17:16652580	1.37295	1.25272
C1orf127	TSS29457	chr1:11006529	0.0803529	0
RGS6	TSS16899,TSS	chr14:72398810	0	0.170069
NGFRAP1	TSS13271,TSS	chrX:102631250	1.01982	0.86203
SLC15A3	TSS707	chr11:60704554	10.1726	16.5547
LINC00963	TSS3856	chr9:132250930	0.790102	2.29847
SLC16A3	TSS11411,TSS	chr17:80186287	10.2309	10.0036
SLC5A5	TSS21200	chr19:17982787	0.244587	0.141986
LOC101929710	TSS15291	chr5:95297704	0	0.184947
TSPO	TSS11758,TSS	chr22:43547510	22.8938	75.6239
TAS2R31	TSS7108	chr12:11182980	0	0.224448
PIK3IP1	TSS19147	chr22:31677570	36.1118	12.9519
MYO1H	TSS30834	chr12:10982650	0	0.165631
LOC101929148	TSS31345	chrY:24247838	0	0.00582096
MAP10	TSS9939	chr1:232940637	0.449415	0.317273
LINC01473	TSS14607	chr2:186898260	0	0.0743604
LPIN3	TSS25069	chr20:39969490	0.278801	0.133572
WEE2	TSS11936	chr7:141408150	0	9.41E-09
EPHX3	TSS14497,TSS	chr19:15337720	0	0
PCDHGA9	TSS18193	chr5:140782510	0.25154	0.0973796
HSPA7	TSS20942	chr1:161575840	4.45353	1.60585
LINC00649	TSS13252	chr21:35303510	0.243169	0.147921
KDELC2	TSS30314	chr11:10834280	0.332003	0.311452
CLIP2	TSS17534	chr7:73703804	6.54535	5.12492
SNORA63	TSS14404	chr3:186505087	115.922	13.708
ABCB4	TSS20018	chr7:87031360	5.3299	2.85043
ZSWIM6	TSS27089	chr5:60628099	11.3871	2.7983
FCGR2B	TSS4793	chr1:161632904	17.7691	15.878
MIRLET7BHG	TSS1923	chr22:46481870	2.69338	0.641665
IFIT3	TSS23408,TSS	chr10:91087570	9.71759	55.767
BEX5	TSS1007,TSS1	chrX:101408670	3.32195	2.23072
LINC01535	TSS31113	chr19:37742780	0.299311	0.313
DPY19L2P2	TSS13114,TSS	chr7:102815467	0.173167	0.485062
SRGAP3	TSS32951	chr3:90222750	0.186433	0.0403742
RGS1	TSS19340	chr1:192544850	19.4547	15.7794
SPATA6	TSS13920	chr1:48761043	0.173899	0.23994
RGAG4	TSS5653	chrX:71346960	2.91871	1.43887
EIF3CL	TSS17751	chr16:28390890	0.00316157	0.0286056
DOK6	TSS11243	chr18:67068280	0	0.025871
LOC731157	TSS24862	chr5:89705816	0	0
DMC1	TSS30246,TSS	chr22:38914950	0	1.18772
1-Mar	TSS16904,TSS	chr4:164445440	14.0201	6.72505
NFIA	TSS16869,TSS	chr1:61542945	0.0737283	0.130326
ZNF582-AS1	TSS12135	chr19:56905040	3.69295	1.83624
SCG2	TSS21784	chr2:224461657	0	0.107355
POU2AF1	TSS12548	chr11:11122290	65.6254	107.468

ENO2	TSS28403	chr12:7023613-	5.50015	6.79983
PEX5	TSS23501,TSS	chr12:7341758-	4.61536	19.5568
ADAMTSL5	TSS10570	chr19:1505016-	0.247955	0
ALCAM	TSS23354	chr3:105085556	4.89246	5.95168
MYH2	TSS32044,TSS	chr17:10424464	0.0707747	0.0118101
TBC1D22A-AS	TSS32893	chr22:47309987	0.841112	0.958985
SPAG9	TSS32943,TSS	chr17:49039534	7.96259	9.20351
NIPAL2	TSS10034	chr8:99204386-	2.49546	1.65401
ADGRG2	TSS7275	chrX:19007424-	0	0
LOC256880	TSS4680	chr4:100871650	0	0
HOXA6	TSS6577	chr7:27185201-	0	0
SIGIRR	TSS18551,TSS	chr11:4057154	5.60615	3.00367
ZNF469	TSS5876	chr16:88493878	0.706883	0.348925
LOC101929089	TSS12365,TSS	chr11:11838260	0	0.436096
ITGAD	TSS18210	chr16:31404632	0	0.0473888
IPCEF1	TSS16101,TSS	chr6:154475617	0.319789	0.397354
GGTLC1	TSS15672,TSS	chr20:23965689	0	0
RTN4RL2	TSS14898	chr11:57228009	0.406079	0.141496
PSCA	TSS11615,TSS	chr8:143751729	0	0
HIST1H2BH	TSS961	chr6:26251878-	0.65555	2.17125
FOXI1	TSS15816	chr5:169532916	0	0.198388
STAT1	TSS7078	chr2:19183376-	8.84311	15.6193
CTAGE8	TSS10933	chr7:143963766	3.85E-06	0.881843
TWSG1	TSS18171	chr18:9334764-	1.46363	2.11284
PKDREJ	TSS23605	chr22:46651559	0.0556449	0.0775009
PRR15L	TSS31346	chr17:46029330	0.802654	0
LOC440700	TSS27177	chr1:165667986	0.439469	0
MEF2C	TSS21386,TSS	chr5:88014057-	15.8534	28.8867
SLC43A1	TSS23311,TSS	chr11:57252000	1.80331	5.64852
RTN4R	TSS1262	chr22:20228937	0	0.092124
MICALCL	TSS5867	chr11:12308446	0	0
SMARCA1	TSS2669	chrX:12858047	0	0.0339026
ZNF625-ZNF20	TSS29477	chr19:12242167	0.375059	0.113939
SNORA48	TSS26942	chr17:7478030-	133.096	68.5402
THNSL2	TSS14695,TSS	chr2:88469813-	0.594951	0.880116
LIMA1	TSS11087,TSS	chr12:50569562	0.0786081	3.93253
TTC28	TSS14924	chr22:28374007	0.0680728	0.0236644
MIR142	TSS10876	chr17:56408592	0	0
LOC389705	TSS5529	chr9:14993324-	0	0.0569873
SH3D21	TSS17160,TSS	chr1:36771993-	0.589515	0.687989
SLC13A3	TSS1348,TSS9	chr20:45186467	0.25858	0
LINC01346	TSS31377	chr1:40006714	0.0432291	0.363027
PLXNB1	TSS2103,TSS3	chr3:48445260-	0.4124	0.539553
GJC2	TSS5131	chr1:228337414	0.244763	0.102045
KCNH1	TSS16948	chr1:210851656	0.00188778	0.00820696
PDE6G	TSS23322	chr17:79617488	0	0.397182
CKB	TSS16175	chr14:10398599	0	2.02587
RNF125	TSS14713	chr18:29598444	2.95885	2.70696
DHRS3	TSS2546	chr1:12627938-	0.0267862	0.165981
LRRRC16A	TSS248	chr6:25279655-	1.21974	0.387448
RAB3C	TSS21661	chr5:57878938-	0	0
CNDP1	TSS28174	chr18:72201697	0	0.0635686
ZNF285	TSS16641	chr19:44889807	0.505388	1.75393
GYS1	TSS28677	chr19:49471387	6.65266	10.6128
AMY1C	TSS2201	chr1:104198302	8.17E-06	0.000328929

TCP11	TSS23134	chr6:35085848-	0	0
GGT1	TSS30439,TSS	chr22:2497971-	2.81609	2.45997
CAGE1	TSS5951	chr6:7326886-	0.0176009	0.063408
NBEA	TSS21542,TSS	chr13:3551642-	0.838844	0.339128
MYLPF	TSS1183	chr16:3038612-	2.13283	0.198815
RAET1E-AS1	TSS31787,TSS	chr6:15018463-	0.0133556	0.0621089
CILP	TSS28250	chr15:6548833-	0.164789	0.0300079
FAM196B	TSS7931	chr5:16929071-	0.443902	0.372221
MYC	TSS26937	chr8:12874831-	14.9945	294.272
RASGRP3	TSS27224,TSS	chr2:33661415-	4.41863	4.91953
BAGE5	TSS11521	chr21:1102084-	0.360229	0.0709977
MB21D1	TSS8872	chr6:74134855-	6.24566	6.43665
GOLGA8H	TSS8338	chr15:3089623-	0.382957	0.235166
PLEKHG6	TSS11857,TSS	chr12:6419601-	0	0
KLF9	TSS15652	chr9:72999512-	3.06017	1.69612
LY6G5C	TSS5114	chr6:31644460-	0	0.289189
SYNGR1	TSS13839,TSS	chr22:3974595-	3.19472	6.28625
RTKN	TSS22032,TSS	chr2:74652987-	1.42742	2.30284
CENPV	TSS22426	chr17:1624584-	1.21202	14.9182
XCR1	TSS34176	chr3:46062290-	0.192206	0
ACRBP	TSS3615	chr12:6747241-	0	0.488248
ZNF512B	TSS1175	chr20:6258805-	0.699118	3.70045
C3orf49	TSS18782	chr3:63805040-	0	0
RNASE4	TSS235,TSS30	chr14:2115237-	7.21E-07	0.273891
E2F1	TSS17116	chr20:3226329-	1.34951	5.36394
STXBP5-AS1	TSS20483	chr6:14716252-	0	0.14544
DEFA11P	TSS25783	chr8:6886122-	0	0
LOC101929337	TSS10120	chr3:19396543-	0	0
HIST1H4D	TSS28248	chr6:26188937-	2.05694	1.12514
CCDC158	TSS3786	chr4:77234191-	0	0
LINC01136	TSS23680	chr1:20326788-	0.566839	0.297329
TSACC	TSS12810,TSS	chr1:15630710-	0.42861	0.322075
MAST4	TSS19705,TSS	chr5:65892175-	2.10181	1.52468
IQCD	TSS24359	chr12:1136332-	0.381371	0.349239
ACTN1	TSS15177	chr14:6934083-	0.696798	0.925654
ULK2	TSS15924	chr17:1967414-	0.414108	0.0691865
LOC101926943	TSS31940	chr7:74103270-	0.812214	0.231761
OR2A42	TSS10180	chr7:14392900-	0.656249	0.569451
CGN	TSS5382	chr1:15148386-	0.194352	0.277919
ZNF677	TSS28330	chr19:5373863-	0.802206	0.905943
ELL2	TSS15992	chr5:95220801-	3.89112	3.27079
ZNF843	TSS2936	chr16:3144688-	0	0
SLC10A4	TSS32796	chr4:48485359-	0	0
LTC4S	TSS5481	chr5:17922098-	0.832705	0.582102
LOC102723704	TSS15542	chr4:10369819-	0	0.145222
C9orf173	TSS18047	chr9:14014571-	0	0
LOC100289511	TSS4854	chr14:7023299-	1.69395	1.19863
PLA2G12B	TSS26802	chr10:7469493-	0	0.0338953
HEMK1	TSS27861	chr3:50606908-	2.65801	2.8048
DOK7	TSS26015,TSS	chr4:3465032-	2.22627	1.16976
MYADML2	TSS29626	chr17:7989752-	0	0
DAND5	TSS28956	chr19:1308043-	0	0
CASP1	TSS20240	chr11:1048962-	5.32661	30.1312
CHODL	TSS17972,TSS	chr21:1928965-	0	0.163921
DBNDD2	TSS10035,TSS	chr20:4403463-	1.7149	11.9231

SLC51A	TSS5715	chr3:19594338-	0.00525268	0.383704
ENO1-AS1	TSS7494	chr1:8938893-	0	0
SOCS2-AS1	TSS5612	chr12:9395940-	0	0
C4orf48	TSS27363,TSS	chr4:2043719-	4.67396	9.8807
MT1F	TSS29049	chr16:5669185-	2.57247	1.14016
PRR36	TSS34033	chr19:7933604-	0	0.0381347
SOS1	TSS30788	chr2:39208689-	5.99261	5.03058
C5orf58	TSS15665,TSS	chr5:16965992-	0	0
DEPDC4	TSS25106	chr12:1006460-	0	0.130897
KCNS1	TSS2483	chr20:4372094-	0.410053	0.147602
FRMD6	TSS11887,TSS	chr14:5195583-	0.161026	0.278659
PRRT3	TSS4066	chr3:9987225-	1.1368	0.516221
HAVCR1	TSS1685,TSS2	chr5:15645642-	0	0
C1orf220	TSS7660	chr1:17851193-	2.11025	1.37933
TSNAXIP1	TSS26523	chr16:6784078-	0	0.0691178
GRAPL	TSS8552	chr17:1903078-	25.0259	9.82378
CFAP53	TSS6892	chr18:4775356-	0	0.019482
MIR4458HG	TSS23561	chr5:8457799-	0.975496	1.16411
MARCKSL1	TSS31487	chr1:32799429-	44.2222	596.791
SYNGR3	TSS4287	chr16:2039945-	1.32747	3.23814
PPAP2A	TSS6164	chr5:54720669-	1.56011	1.73174
LINC01012	TSS14917,TSS	chr6:27661813-	2.58693	0.99598
WIPI1	TSS11145	chr17:6641742-	2.11136	0.679776
KIAA0319	TSS32608,TSS	chr6:24544331-	0.275361	0.15494
DLGAP1-AS2	TSS3659	chr18:3603734-	3.25113	0.85481
CELSR3	TSS17409	chr3:48673895-	0.268666	0.727522
FLVCR2	TSS18908,TSS	chr14:7604493-	0	0.273135
CLDN12	TSS6424	chr7:90032647-	2.0421	1.73034
HSF5	TSS29124	chr17:5649752-	0.0748762	1.33194
ZMYND12	TSS15580	chr1:42896000-	0	0.00749764
FRG2EP	TSS22512	chr3:75713480-	0	0
CCND2	TSS263	chr12:4382901-	2.87364	21.7129
NTN3	TSS24777	chr16:2521499-	0	0.167105
DPF1	TSS25147,TSS	chr19:3870164-	0.404695	0.109675
MORC4	TSS4175	chrX:10618396-	4.343	1.41423
ZDHHC11	TSS28416	chr5:795719-8-	0.0170916	0.185252
RFPL3S	TSS24701,TSS	chr22:3275589-	1.6844	0.646459
BHMT	TSS12095	chr5:78407603-	0	0
MYT1L	TSS17344	chr2:1792884-	0.000371635	0.0368081
CORIN	TSS23675	chr4:47596014-	0	0.00791321
LOC101927954	TSS14077	chr9:95770396-	0.241647	0.317198
MIR133A1HG	TSS21481	chr18:1940543-	0	0
FAM45B	TSS9802	chr10:1208636-	1.74887	5.10E-11
TIAF1	TSS12362	chr17:2740053-	1.70673	0.800916
LOC100506136	TSS75	chr7:96250968-	0	0.183183
PIR	TSS12481	chrX:15402923-	6.59339	9.73649
NEK3	TSS11798,TSS	chr13:5270677-	0.459329	1.55598
SLC26A7	TSS26292,TSS	chr8:92221721-	0	0
ZNF781	TSS13127	chr19:3815864-	0	0.596595
TOMM20L	TSS13152	chr14:5886264-	0	0.0730157
C2CD2	TSS32694,TSS	chr21:4330521-	0.726826	0.975722
C20orf144	TSS19227	chr20:3225009-	0	0
IGLON5	TSS2364	chr19:5181510-	0.0568543	0
HFM1	TSS9234	chr1:91726322-	0.647324	0.124118
CHST5	TSS24911	chr16:7556242-	0.0946554	0.198874

MIR3652	TSS20176	chr12:10432420	3.96E-05	6.39E-05
EPHA1-AS1	TSS6104	chr7:14310490	0.0343927	0.100284
CXorf21	TSS14774	chrX:30576940	6.79693	5.4167
P2RY4	TSS7268	chrX:69478015	0	0
RRM2	TSS19146,TSS	chr2:10262694	0	5.28285
MFSD2A	TSS20651	chr1:40420783	0.310159	4.47469
ARHGAP24	TSS11578,TSS	chr4:86396283	3.92056	3.15683
ATP6V1B1-AS	TSS31464	chr2:71169142	0.643392	0.354073
C6orf52	TSS17849,TSS	chr6:10671650	0	2.05134
NKX2-3	TSS5058	chr10:10129268	0	0
LOC644285	TSS11693	chr5:86614231	0.156957	0.0839591
LLGL2	TSS11659	chr17:73521782	5.13907	5.63236
CRYM-AS1	TSS27770	chr16:21312169	1.50197	0.437998
GSTM2	TSS27503	chr1:11021064	0.947031	1.54352
CCR10	TSS29247	chr17:40831419	0.386913	0.509767
LINC00920	TSS21881	chr16:66442426	0	0.130118
ZNF818P	TSS11178	chr19:53716200	7.87591	3.62339
HIST1H4E	TSS23969	chr6:26204872	6.08311	0.6131
IPO11-LRRC7	TSS27955	chr5:61874561	0.210163	1.15658
NME4	TSS10469,TSS	chr16:446754	3.96696	40.926
RGCC	TSS12993	chr13:4203154	3.9851	0.652197
HOXB-AS3	TSS22920,TSS	chr17:4666778	0	0
KLKB1	TSS32923	chr4:18714867	0.480971	0
CHRNA2	TSS14242	chr8:27317277	0.356878	0.0251033
IFNLR1	TSS26135	chr1:24480646	5.92754	12.9958
TMX2-CTNND	TSS4595	chr11:57479994	1.77E-39	0.0945691
MIR3654	TSS11086	chr7:132719619	0	0
RPL13AP17	TSS6344	chr7:77976558	0.0233214	0.0895069
LRP11	TSS6464	chr6:15013989	0.857719	0.345967
LOC101928075	TSS249	chr14:71075514	0.646207	0.399418
CDKL2	TSS32789	chr4:76501703	0.120858	0.0735177
RAB43	TSS12340,TSS	chr3:12880641	0.764971	0.219783
TMEM91	TSS15714,TSS	chr19:41869870	2.22819	1.47334
TMLHE-AS1	TSS27416	chrX:15469620	0.0678811	0.0210317
MORC2-AS1	TSS27281	chr22:31318294	2.92589	3.56269
KLHL41	TSS5070	chr2:17036621	0.326661	0
SPG20	TSS16805,TSS	chr13:36875774	12.143	7.19526
KEL	TSS7206	chr7:14263820	0	0
N4BP3	TSS27334	chr5:17754055	8.2026	3.07113
CELF5	TSS31703,TSS	chr19:3224700	0.0947557	0.133326
PRH1-PRR4	TSS4512	chr12:1099844	2.10E-05	0.205597
PCDHGB8P	TSS31636	chr5:14080585	0	0.107241
HORMAD2-AS	TSS19761	chr22:30404730	0.507629	0.0444844
IL24	TSS22374	chr1:20707078	1.67837	1.17405
MYH1	TSS25310	chr17:10395626	0.0821227	0.0106571
PCDHGA4	TSS20021	chr5:14073459	0.19957	0.126889
FRMD5	TSS10253,TSS	chr15:44162958	0.0722257	0.239238
SMCR2	TSS23974	chr17:17577340	0	0
LOC101929125	TSS23435	chr20:3789140	0	0
SCNN1A	TSS1477,TSS2	chr12:6456008	0	0
PLEKHG1	TSS4591	chr6:15092099	16.2105	6.33056
FOXD4L4	TSS22798	chr9:70427648	0.0153767	0.214003
GJC3	TSS5453	chr7:99520891	0	0
FBXL16	TSS16987	chr16:742499	1.00026	0.267632
WDR11-AS1	TSS31161	chr10:1225213	0.500301	0.11067

SUSD1	TSS14333	chr9:114803060	0.831374	1.18868
SCRN1	TSS16334,TSS	chr7:29959718-	18.402	9.71688
NAP1L5	TSS16960	chr4:89617065-	0	2.12675
MYOZ3	TSS30715	chr5:150040402	0.276089	0.145705
XPNPEP2	TSS27296	chrX:128872941	0	0.193658
LOC728485	TSS17552	chr19:37264019	0.24448	0.864326
DIO1	TSS7952	chr1:54359860-	0	0.129703
SERINC5	TSS7057	chr5:79407049-	2.87864	1.87536
GSTA4	TSS1586	chr6:52842745-	0.354965	0.27506
TACR2	TSS18273	chr10:71163957	0.352166	0.071754
NOCT	TSS3351	chr4:139936912	2.63811	5.05124
HELZ2	TSS30459,TSS	chr20:62189438	2.05246	1.00665
ANK2	TSS10442,TSS	chr4:113739238	0.0693004	0.0916724
LOC284648	TSS26606	chr1:182584274	0	0.122026
IL15RA	TSS11333,TSS	chr10:5994333-	4.65023	6.09358
GLIS3	TSS10638,TSS	chr9:38241274	0	0.0198568
ARHGEF33	TSS27511	chr2:39146503-	0.191476	0.0816691
LURAP1	TSS3074	chr1:46669005-	0	0.0191922
FSBP	TSS15168	chr8:95439939-	0.000426062	2.74E-06
MFI2-AS1	TSS6676	chr3:196729776	0	0
OR2A1-AS1	TSS32514	chr7:143935665	3.14621	1.56508
ZNF208	TSS13131	chr19:22148896	2.24503	1.61896
SCARNA17	TSS4331	chr18:47340392	15.8132	4.44997
DDN	TSS22473	chr12:49388932	0	2.30035
C7orf61	TSS11712	chr7:100054237	0	0.617566
PITPNM3	TSS15173	chr17:6354582-	0	0.0703774
SLC29A4	TSS19418	chr7:53225601	0	0.216825
FOXD4	TSS26417	chr9:11623017	0.778057	0.437091
LOC388692	TSS31070	chr1:149287129	2.34728	1.11431
KCTD1	TSS2058,TSS2	chr18:24034872	0.549223	1.00636
ACSL1	TSS13170,TSS	chr4:185676748	7.17254	8.79589
B4GALT6	TSS9198	chr18:29202208	0.107662	0.0624893
LACC1	TSS12297,TSS	chr13:44453419	2.15631	1.69459
LLPH-AS1	TSS9823	chr12:66524530	0.730258	0
MIAT	TSS21056	chr22:27053445	20.0125	3.41395
HSPA1B	TSS33155	chr6:31795511-	134.277	41.912
COL19A1	TSS19876	chr6:70576447-	1.38854	1.07686
CORO7-PAM1	TSS29739	chr16:4390251-	2.38E-28	1.56E-38
CHRNA9	TSS14791	chr4:40337345-	0	0.0459121
KCNIP2	TSS16773,TSS	chr10:10358572	0.284949	0.559576
HVCN1	TSS12117,TSS	chr12:11108649	42.3606	34.2007
LOC101929148	TSS24807	chrY:24585086-	0	0.00582096
PLXNA1	TSS23941	chr3:126707436	2.75345	5.14875
MPZL2	TSS1248	chr11:11812412	0	0
CRLF1	TSS19334	chr19:18704034	0	0.118321
PCDHGA5	TSS12730	chr5:140743897	3.28E-280	0.156054
MGAT3	TSS18581,TSS	chr22:39853324	4.59421	2.85442
HSF2BP	TSS19080	chr21:44949077	0	0.111826
TXN	TSS10846	chr9:113006097	123.646	415.259
SLC22A1	TSS3063	chr6:160542862	0	0.198534
RNVU1-20	TSS17437	chr1:149605916	0.432266	3.65799
ASRGL1	TSS26157	chr11:62104772	0.364138	0.923643
CALHM2	TSS20320	chr10:10520654	8.03003	2.44779
LINC00634	TSS14512	chr22:42348190	0	0.385812
HTR7P1	TSS10331	chr12:13153375	0.32587	0.282769



C12orf71	TSS32736	chr12:2723398	0	0.161746
TCTE1	TSS29556	chr6:44247896	0	0
ZNF471	TSS22301	chr19:5701921	0.139004	0.275655
ZNF729	TSS14706	chr19:2246925	0	0.0228829
NIPSNAP3B	TSS472	chr9:10752602	3.15049	4.95979
LGALS9B	TSS26232	chr17:2035317	3.38565	5.89
SPDEF	TSS2696	chr6:34505578	0	0
LMOD2	TSS12927	chr7:12329586	0.0042062	0
EFHB	TSS30200	chr3:19920965	0.263649	0.216106
ARL11	TSS1032	chr13:5020243	3.55058	2.87385
GABRR2	TSS27554	chr6:89966839	0.435558	0.2361
ZFYVE9	TSS28294	chr1:52607765	0.309404	0.68966
ACKR2	TSS31504	chr3:42850963	0	0.00385145
NSG1	TSS27823,TSS	chr4:4387982	0.574072	0.0716877
TUBA3D	TSS15335	chr2:13223357	0.697005	0.314565
LOC10013162	TSS22828	chr11:1182519	1.25487	0.0238511
S100A11	TSS14624	chr1:15200498	57.3285	73.7097
FLRT1	TSS527	chr11:6387136	0	0.146681
TNXA	TSS20526	chr6:31976196	0.243507	0.0123365
LINC00167	TSS24217	chr11:1298725	0.618509	0.0359108
RGPD8	TSS2655	chr2:11312594	4.26228	2.30872
IER3	TSS17843	chr6:30710975	4.00005	2.76904
LAX1	TSS23338,TSS	chr1:20373428	5.25301	1.91897
KATNAL2	TSS19548	chr18:4452678	0.359644	0.363151
LINC00618	TSS20196	chr14:9740991	0	0.49667
LINC00607	TSS13433	chr2:21647628	0	0.0944425
LOC10012904	TSS2860	chr1:94057524	0	0.118936
TRPC1	TSS1401	chr3:14244326	0.72673	0.0330827
RASGRF1	TSS1652,TSS2	chr15:7925228	0.570978	0.069046
ZNF853	TSS26005	chr7:6655526	1.52777	0.814795
HOXA1	TSS1429	chr7:27132613	0	0
HES6	TSS20751	chr2:23914690	4.37152	3.85901
DBN1	TSS11783,TSS	chr5:17688361	2.10317	2.94222
BIVM	TSS12493	chr13:1034513	0.934356	0.479633
IRF4	TSS22768	chr6:391738	18.2699	72.0424
C16orf71	TSS12220	chr16:4784288	0	0
S100A5	TSS33179	chr1:15350962	0	0
LOC647859	TSS19052	chr5:70370029	0	0
DCBLD1	TSS15458	chr6:11780381	0.805561	0
ABCD2	TSS4675	chr12:3994502	0.30621	0.149661
LCT	TSS26279	chr2:13654541	0	0.010566
PYGM	TSS17483	chr11:6451386	1.30922	0.921929
PLA2G4E-AS1	TSS16581	chr15:4226496	0	0
ZNF608	TSS22590	chr5:12397260	1.4461	1.95392
COPZ2	TSS16392	chr17:4610353	0	0
CPNE2	TSS24263	chr16:5712645	1.65046	1.5637
SMTNL2	TSS12028,TSS	chr17:4487275	0	0
ANKRD37	TSS8710	chr4:18631783	1.12188	3.52226
KCNC3	TSS31498,TSS	chr19:5081519	2.55194	3.41544
SEPT4-AS1	TSS31886	chr17:5659719	0	0
CLECL1	TSS8066	chr12:9868455	29.2677	24.4876
BCAR3	TSS12661,TSS	chr1:94027297	2.10813	4.89167
DGCR10	TSS26516	chr22:1901013	0.328885	0
CD300A	TSS9705	chr17:7246252	0.420674	27.7504
MCOLN2	TSS24083	chr1:85391265	4.30461	8.9343

FAM160A1	TSS32270	chr4:152330397	0.0661926	0.0951362
ALOX12P2	TSS17772,TSS	chr17:6756894-	0	0.520084
GPR37L1	TSS31224	chr1:202092028	0.254624	0.0422442
HAPLN2	TSS20831	chr1:156589085	0	0
KCNK7	TSS2682	chr11:65360325	0.810589	0.231288
TMEM17	TSS2629	chr2:62727355-	0.165967	0.165257
PRG4	TSS12989	chr1:186265404	5.33E-10	0.0963232
PHEX	TSS17292	chrX:22050561-	0.330729	0.0707848
CECR5-AS1	TSS1797	chr22:17640278	0	0.574017
CBS	TSS15403,TSS	chr21:44473300	1.25057	2.23771
SERPINI1	TSS10488,TSS	chr3:16745343-	3.83664	1.87625
GPR182	TSS4944	chr12:57388354	0.386174	0.0230123
ZNF80	TSS33847	chr3:113953479	0.795055	0.197414
DQX1	TSS21837	chr2:74745257-	0.35485	0
LAIR1	TSS29769,TSS	chr19:54865232	4.30813	3.14991
DLL4	TSS26409	chr15:41221530	0	0.0595189
IKZF2	TSS1485,TSS2	chr2:213864410	3.10374	14.6094
EDRF1-AS1	TSS20907	chr10:12743329	0.63997	0.497697
KCNN4	TSS27499	chr19:44270684	14.4879	6.248
VIM	TSS27432	chr10:17270257	105.576	47.736
CD2	TSS19958	chr1:117297085	1.40551	0.378734
RAB37	TSS15382,TSS	chr17:72667255	5.13773	1.43117
FOXD4L4	TSS10096	chr9:42718065-	0.0153767	0.214003
NEK5	TSS15184	chr13:52638899	0	0.0819371
ROBO3	TSS14460	chr11:12473530	0.180567	0.0735488
GRAMD3	TSS17930,TSS	chr5:125695787	0	0.352498
PRR5	TSS16994,TSS	chr22:45064420	5.72121	10.0732
LGSN	TSS24624	chr6:63985855-	0	0.0895166
LINC00886	TSS11088	chr3:15646513-	0.881128	0.52527
ZNF300	TSS20373	chr5:150273950	1.92158	3.2597
GJD3	TSS4947	chr17:38516904	0.0430469	0.324837
LOC101928597	TSS618	chr12:13360924	0	0
OIT3	TSS17573	chr10:74653310	0.00460486	0.00254698
RNF212	TSS15694	chr4:1065265-	0.326555	0.297465
PID1	TSS6190	chr2:229888688	23.5904	16.9216
IL6R	TSS18684	chr1:154377668	2.43762	1.672
CYB561	TSS21081,TSS	chr17:61509664	0.710148	1.45478
VASH1	TSS26739	chr14:77228234	0.660192	0.260696
PDE1C	TSS18180,TSS	chr7:31790792-	0	0.00820735
FBLL1	TSS32960	chr5:16795658-	0.0935234	0.229616
DACT3-AS1	TSS5341,TSS9	chr19:47163620	0.549763	0
STOX1	TSS10748	chr10:70587290	0	0.257002
LOC728730	TSS31829	chr2:39664556-	0.159648	0.137337
SPATA21	TSS11022	chr1:16725137-	0	0
CCDC103	TSS16505	chr17:42977079	0	0.928268
RAB11FIP5	TSS137	chr2:73300509-	3.30536	0.989243
LOC101409256	TSS28595	chr7:90025605-	0.210987	0
TMEM121	TSS27556	chr14:10599295	0.832293	1.76721
EHD2	TSS20652	chr19:48216600	0.219613	0.0811843
OR2A42	TSS21801	chr7:144015217	0.366194	0.569451
LOC152225	TSS31547	chr3:101659702	0	0.085665
UCA1	TSS17164	chr19:15939750	0	0
THOC7-AS1	TSS25297	chr3:63846320-	0	0.319547
PRR25	TSS12660	chr16:855442-8	0	0
NTN1	TSS25240	chr17:8924858-	0.151299	0.0557518

TRIQK	TSS10779,TSS	chr8:93895757-	0.673014	1.40219
ENC1	TSS16108	chr5:73923230-	0.817818	2.28551
GPX2	TSS29809	chr14:65405869-	0.740174	0.211145
CETN4P	TSS2327	chr4:12365134-	0	0
NAALADL1	TSS23594	chr11:64812294-	0.827118	0.934891
CLDND2	TSS25509	chr19:5187035-	2.06499	0
DENND5B-AS1	TSS29159	chr12:31742856-	1.57185	0.0455363
LOC148696	TSS26578	chr1:20799172-	2.05832	1.04343
FIGNL2	TSS1566	chr12:52211675-	0.0828869	0.128292
LRRC4C	TSS21013,TSS	chr11:40135756-	0.241769	0.0350255
IGSF22	TSS17315	chr11:1872585-	0	0.0650563
LOC10192778C	TSS207,TSS97	chr14:62022989-	0.184037	0.0129473
RND2	TSS31715	chr17:4117725-	0.219703	0.218621
CD69	TSS29692	chr12:9905081-	44.413	22.8064
ADGRB1	TSS8990	chr8:143545376-	0	0.102311
TJP3	TSS23992,TSS	chr19:3708334-	1.23235	0.263139
LOC101927211	TSS19319	chr6:56979708-	0	0
SCN1A	TSS19935,TSS	chr2:166845669-	0	0.0368317
LOC10050686C	TSS32579	chr7:130598222-	1.54889	0.0828464
GPRASP2	TSS13089	chrX:10196710-	0.47522	1.09E-91
TNFRSF1B	TSS33080	chr1:12227059-	14.5226	22.7187
SMTNL1	TSS1865	chr11:57310111-	0.28123	0.217845
PIK3IP1-AS1	TSS14934	chr22:31731334-	0	0
B3GNT7	TSS4498	chr2:232260334-	1.9772	1.45572
SNORA65	TSS19066	chr9:130210786-	0	0
TBC1D16	TSS32552,TSS	chr17:7790614-	1.43513	1.75326
KCNC4-AS1	TSS17497	chr1:110751072-	0	0.0670121
LOC100507547	TSS17106	chr6:32120578-	0	0
TPM4	TSS11532,TSS	chr19:16178316-	16.646	61.3314
CPT1C	TSS33405	chr19:50194364-	0.127375	0.150337
ADCY9	TSS2711	chr16:4012649-	0.512912	0.589691
NDUFAF4P1	TSS26228	chr15:49448494-	0	0.0112017
ARMCX5-GPR	TSS16623	chrX:101854271-	7.73E-37	0.123912
GNAQ	TSS29984	chr9:80331189-	0.330797	0.161942
GOLGA8K	TSS12735	chr15:32681789-	0.344693	0.239489
KIAA0754	TSS921	chr1:39875175-	1.23639	1.2977
ASNS	TSS31200,TSS	chr7:97481428-	20.99	22.1742
LOC100506123	TSS6103	chr2:98081774-	2.21696	0.787735
SDC3	TSS33103	chr1:31342312-	0.126239	1.3232
EBER2_1	-	chrEBV(Akata_	0	14.9073
LMO7	TSS16792,TSS	chr13:76194569-	2.25157	0.625514
CLYBL	TSS33132	chr13:1002589-	1.99252	4.88018
BTNL2	TSS4734	chr6:32361115-	0	0.0479754
JARID2-AS1	TSS28750	chr6:15248045-	0	0
TBX15	TSS9236	chr1:119425669-	0.137796	0.0484809
FLJ21408	TSS5633	chr16:27279529-	0	0.149064
ISG15	TSS18696	chr1:948846-94-	20.2335	24.4326
CASP12	TSS2310	chr11:10475644-	0	0.263314
EPHX2	TSS24708,TSS	chr8:27348518-	0.386748	0.216292
LINC01424	TSS30405	chr21:46222159-	0.76465	0.565569
RAB3D	TSS17997	chr19:1143272-	1.57045	0.589378
RHOXF1-AS1	TSS13478	chrX:11917020-	0	0
CLDN7	TSS28763,TSS	chr17:7163221-	1.14402	0.257211
RXRA	TSS15922,TSS	chr9:137218309-	2.44888	2.25693
SLC44A3	TSS15589,TSS	chr1:95285897-	0.45277	0

LINC00640	TSS10524	chr14:51800110	0	0
PPIL6	TSS21968	chr6:109711417	0.0923992	0.0623581
LOC101927830	TSS31658	chrX:154576449	0.0678811	0.0210317
SRD5A3-AS1	TSS27787	chr4:56232767-	0	0.0425713
FAM186B	TSS890,TSS97	chr12:49976657	0.543855	0.413066
FAM13A-AS1	TSS23703	chr4:89630939-	1.98948	0.641809
GABBR1	TSS1842,TSS2	chr6:29570004-	5.10854	2.81717
HMCES	TSS22779,TSS	chr3:128997680	16.5164	21.1331
LMOD1	TSS3264	chr1:201865580	0.186511	0
ANGPTL3	TSS29212	chr1:63063157-	0	0
CRIM1	TSS4842	chr2:36583369-	2.09079	3.72186
ULBP1	TSS30402	chr6:150285140	1.80767	0.55863
KLF3-AS1	TSS24218	chr4:38614321-	0.799295	0.0149885
ZNF660	TSS32468	chr3:44626455-	0.286347	0.522638
RASA3	TSS31864	chr13:11474710	10.6115	6.14051
ZC3HAV1L	TSS30764	chr7:138710457	0.91979	1.36377
MLF1	TSS5808	chr3:158288950	0.0411687	0.281523
SPATA41	TSS14101,TSS	chr15:10088460	0	0.0231111
PNOG	TSS30299,TSS	chr8:28174648-	6.25683	7.50731
ZNF815P	TSS3081	chr7:58627907-	0.634043	0.31656
STX11	TSS20219	chr6:144471650	2.03114	5.00557
LOC100129697	TSS32771	chr16:89006440	1.55355	0.53232
RNF112	TSS30698	chr17:19314490	0.408581	0.0843384
LOC100506860	TSS31352	chr12:58985480	0	0
ADD3-AS1	TSS30366	chr10:11170537	0	0
TECTA	TSS4670	chr11:12097337	0.125724	0.0614435
TMEM133	TSS26898	chr11:10086287	0.6663	1.08942
ANKRD33B	TSS23444	chr5:10564434-	2.27371	4.04962
LINC00471	TSS5255	chr2:232373130	0	0.0868895
DLX4	TSS2993,TSS4	chr17:48046567	0	0.137544
COX7A1	TSS7903	chr19:36641820	0	0
TRIP10	TSS5924	chr19:6739692-	13.6931	12.8689
DEPDC7	TSS32849,TSS	chr11:33037400	0	0.22362
LVCAT8	TSS2372	chr4:185505240	0.562867	0.416787
GNG13	TSS4551	chr16:8480407-	0	0
LOC100507190	TSS19991	chr12:68825627	0	1.3512
PROB1	TSS32546	chr5:138727630	0.148696	1.8416
LOC101928060	TSS26604	chr19:44501047	3.51E-236	0.240944
DPF3	TSS50,TSS945	chr14:73086000	0.705256	0.222813
LINC00515	TSS31092	chr21:26955080	3.37134	0.68535
LGALS17A	TSS28946	chr19:40170010	0	0
ADPRHL1	TSS20662,TSS	chr13:11407620	0	0
NR6A1	TSS21552	chr9:127279550	0.0968815	0.727118
C9orf153	TSS17583,TSS	chr9:88835179-	0	0.0192214
LOC100996342	TSS4356	chr22:17602480	0	0.0106805
S1PR2	TSS21544	chr19:10332100	4.9413	15.3623
CEP112	TSS14147,TSS	chr17:63631657	0.554513	0.0681511
LYNX1	TSS12841,TSS	chr8:143845757	0.0472884	0.288141
TAC4	TSS186	chr17:47915670	0	0
SLC10A1	TSS31047	chr14:70242557	0	0.0220526
HAR1A	TSS31433	chr20:61732640	0	0.0491393
NAALAD2	TSS26233	chr11:89867817	0.810999	0.40751
GSG1L	TSS23575,TSS	chr16:27798840	0	0.00431365
GOLGA6B	TSS26543	chr15:72947037	0	0.0527717
IL17C	TSS26355	chr16:88705000	0	0.220757

COL18A1	TSS13509,TSS	chr21:4682505-	6.49175	1.98125
PLEKHG5	TSS11929,TSS	chr1:6526151-	0.0286706	0.214512
PRKAG2-AS1	TSS15981	chr7:15157412-	0.600722	4.55846
GLIS1	TSS18753	chr1:53971905-	0	0
NFKBIA	TSS9808	chr14:3587071-	53.7634	48.808
KAZALD1	TSS5878	chr10:1028209-	0	0
USP44	TSS1065,TSS1	chr12:9591033-	1.23615	0.704508
POTEM	TSS21506	chr14:1998395-	0.374413	0.427246
KIF5C	TSS26213,TSS	chr2:14963279-	0.679658	0.441828
DUSP5	TSS31124	chr10:1122576-	4.90838	71.0517
SUSD2	TSS13867	chr22:2457744-	0	0.0213993
RORA	TSS16665,TSS	chr15:6078048-	1.56826	0.577483
SLMO1	TSS27777,TSS	chr18:1240789-	0	1.20442
DNAH12	TSS18494	chr3:57327726-	0.00645298	0.042146
SLC45A2	TSS15139	chr5:33944720-	0	0.0416559
MIR6753	TSS22953	chr11:6781226-	0	0
LOC101929241	TSS25577	chr14:9792515-	0	0
LIN28A	TSS10494	chr1:26737268-	0	0.0251629
SLC25A2	TSS19030	chr5:14068219-	0	0.127324
KRTAP5-9	TSS17756	chr11:7125946-	0	0.0948993
TNS3	TSS30551	chr7:47314751-	2.93223	3.49421
HIST1H3H	TSS32869	chr6:27777841-	2.57819	0
DIP2A-IT1	TSS14158	chr21:4788238-	0	0
GAS7	TSS10381,TSS	chr17:9813925-	1.39536	1.02647
ERVH48-1	TSS31842	chr21:4433736-	0.313565	0.0455233
TMEM38A	TSS8203	chr19:1677193-	1.82948	3.37318
OR5B21	TSS13006	chr11:5827464-	0	0.0423477
SAXO2	TSS16878	chr15:8255515-	0.267324	0.0435646
RLN1	TSS3697	chr9:5334931-	0	0.154392
SFTPFB	TSS15050	chr2:85884439-	0	0.0965862
TRIB1	TSS22728,TSS	chr8:12644256-	1.72344	3.12795
C3orf18	TSS15550,TSS	chr3:50595455-	0.966734	1.13779
NOXA1	TSS8595	chr9:14031784-	0.403798	0.0893551
SLC7A9	TSS31716	chr19:3332141-	0	0
CNR2	TSS18706	chr1:24200459-	16.6408	10.125
LOC101927156	TSS24565	chr2:18198856-	0	0.54545
ZNF540	TSS28404,TSS	chr19:3804227-	1.04408	0.492069
AHCYL2	TSS1087,TSS1	chr7:12886485-	3.43235	2.08276
TSPAN5	TSS1294	chr4:99391517-	1.16162	0.719315
LINC01366	TSS30241	chr5:16975839-	0.10499	0
NINJ2	TSS1666,TSS2	chr12:673461-	2.13922	3.19885
LOC101928718	TSS12698	chr1:11228793-	0	0.0371902
BTBD19	TSS12174	chr1:45274153-	0.94923	0.666405
CPNE5	TSS19611	chr6:36708554-	4.95487	3.78444
GOLGA8J	TSS20534	chr15:3037515-	0.295192	0.162753
OAS2	TSS27108	chr12:1134162-	8.94004	15.8417
CALB1	TSS1630	chr8:91070835-	0	0
LOC101060498	TSS17096,TSS	chr4:40309201-	0.791018	0.531674
HIPK4	TSS30973	chr19:4088517-	0	0.0974216
NDC1	TSS24763	chr1:54231133-	5.37644	11.8426
EGLN3	TSS18144,TSS	chr14:3439342-	0.185627	0.492617
HRH4	TSS20771	chr18:2204059-	0	0.109654
CEACAM22P	TSS15288	chr19:4504104-	0.0731627	0
DHCR7	TSS30926	chr11:7114545-	2.17273	19.2674
LINC00176	TSS1338	chr20:6266569-	0.452542	0.113942

LGALS9C	TSS5154	chr17:18380098	2.42088	5.41189
SBK1	TSS4994	chr16:28303838	0.0518456	0.341039
LINC00278	TSS18532	chrY:2871036-	0	0.17824
SMARCD3	TSS11223,TSS	chr7:150936058	0.304592	0.343188
STEAP2-AS1	TSS32812	chr7:89511666-	0	0.0468754
LINC01301	TSS19951	chr8:61314729-	0.339247	0.0680779
GOLGA6C	TSS5769	chr15:75550898	0.0319977	0.0287433
CNRIP1	TSS21613	chr2:68511302-	0	0.0705171
AQP1	TSS13435,TSS	chr7:30951414-	0	0.028468
LOC100499484	TSS33537	chr9:10000070-	0.544401	0.106913
RTN4RL1	TSS25707	chr17:1837970-	0	0
LRRK1	TSS20460	chr15:1014594-	5.27296	7.804
SGK2	TSS17158,TSS	chr20:42187634	1.10059	0.0555283
DMGDH	TSS6468	chr5:78293386-	0	0.0144401
EPHB4	TSS27283	chr7:100400186	0.10961	0.640082
SLC22A18AS	TSS4160	chr11:2908574-	0	0
TCEAL5	TSS25435	chrX:10252861-	0.0417101	0.294106
C3orf52	TSS3890	chr3:11180518-	0.618501	0.886852
PKD1L1	TSS33187	chr7:47814249-	0.0655294	0.025351
EXTL2	TSS17574	chr1:10133792-	2.2986	2.63387
LINC00943	TSS31333	chr12:12722158	0.757171	0.123428
CD22	TSS22625,TSS	chr19:35820068	21.1638	95.5301
CA3	TSS15889	chr8:86351055-	0.289442	0.0611416
IER5L	TSS4492	chr9:131937830	2.0491	0.926431
LOC283194	TSS11318	chr11:58701118	0.308027	0.0397457
TRPA1	TSS2149	chr8:72933485-	0	5.73E-67
SPNS3	TSS17742	chr17:4337218-	0	0.411456
CRTAM	TSS2249,TSS4	chr11:12270920	0.0361854	0.0183823
LOC440028	TSS24754	chr11:9776316-	0.408291	0.587107
ATF3	TSS11138,TSS	chr1:212738678	11.6418	13.2054
LOC100134317	TSS14953	chr19:36802244	0	0.370345
GLTPD2	TSS31551	chr17:4692253-	0	0
HDGFRP3	TSS34247	chr15:83806808	1.34232	0.823022
MND1	TSS28722	chr4:154265800	0	2.25941
LOC101927237	TSS23632	chr4:68283022-	0.279431	0
ARMC4	TSS10666,TSS	chr10:28101098	0	0
ADSSL1	TSS1637,TSS1	chr14:10519058	0.419939	0.0203235
NKAPL	TSS10309	chr6:28227074-	1.57049	1.53324
LRRC73	TSS15576	chr6:43474702-	0	0
SPIRE2	TSS11016	chr16:89894906	1.19679	0.262187
KCNA6	TSS7042	chr12:4918341-	0	0.0721779
IZUMO4	TSS1133	chr19:2096867-	1.67901	1.18005
NT5C1B	TSS30356	chr2:18744136-	0	0.180731
PAPSS2	TSS6395	chr10:89419478	0.181431	0.219426
AHR	TSS31097	chr7:17338275-	3.66192	2.51866
TRAF3IP2	TSS15840,TSS	chr6:111876580	4.71695	5.49495
EEPD1	TSS30079	chr7:36192835-	0.562659	0.385474
BATF	TSS28992	chr14:75988788	5.17375	49.908
MT1X	TSS33732	chr16:5671638-	2.96579	9.21179
ZNF664-FAM111	TSS14866	chr12:12445776	1.40E-07	1.42E-242
FXVD7	TSS15425	chr19:35634158	6.10146	0.710615
GRAP2	TSS15937,TSS	chr22:40297088	0.991021	3.49973
KRT8P41	TSS27822	chr11:9115909-	0.203537	0.15764
NAA11	TSS22333	chr4:80238271-	0.0411922	0.0139617
MAP3K15	TSS19306	chrX:19378175	1.1061e-318	0.0025258

GUCY2D	TSS8260	chr17:7905987-	0.0965046	0
MARCKS	TSS18852	chr6:11417851-	13.0271	95.868
SESN3	TSS16698,TSS	chr11:9489867-	48.4863	17.9539
RAB3A	TSS17448	chr19:1830761-	0.291586	0.528448
SYN2	TSS28627	chr3:12045833-	0	0.0304621
FAM169A	TSS21057,TSS	chr5:74073398-	2.36354	2.24558
IRF7	TSS23085,TSS	chr11:612554-	20.5843	10.3983
MTMR9LP	TSS27684	chr1:32697260-	0.425157	0.0748163
LOC339260	TSS25786	chr17:2084183-	0.712458	0.127353
CYP3A7	TSS28483	chr7:99302659-	0	0
DGAT2	TSS28485	chr11:7547977-	5.99674	6.02592
POU5F1B	TSS19501	chr8:12842785-	0	0.15938
TTY10	TSS30207	chrY:22627553-	0	0.0883915
FAM63A	TSS22840,TSS	chr1:15096930-	2.74199	1.56949
LOC101927181	TSS24577	chr7:2477397-	0.811718	0.679545
PIP5K1B	TSS24400	chr9:71320329-	1.20105	1.6985
LARS2-AS1	TSS15488	chr3:45524186-	0	0.114811
BIRC3	TSS16443	chr11:1021881-	37.2003	16.7539
PPIAP30	TSS19455	chr10:1519672-	0	0
DNAH3	TSS23752	chr16:2094443-	0.0272815	0.0052768
PLEKHA1	TSS28802,TSS	chr10:1241340-	5.34742	3.34016
LINGO3	TSS30668	chr19:2289773-	10.1289	4.85069
TF	TSS7065	chr3:13346497-	0	0.0245978
RNF219-AS1	TSS20474	chr13:7862898-	0.869647	1.88E-07
ARL4C	TSS24670,TSS	chr2:23540168-	8.41199	5.43527
VWCE	TSS20879	chr11:6102575-	0.210367	0.967392
PRRT2	TSS9673	chr16:2982340-	0.260536	0.0403404
MINOS1P1	TSS1092	chr13:3307035-	0	0.187462
SPESP1	TSS3703	chr15:6922283-	0.560499	0.153273
TLR10	TSS19649	chr4:38773859-	34.8731	50.3101
LOC102724301	TSS32511	chr11:1196002-	0	0
MGP	TSS21162	chr12:1503411-	0	0.13115
ATP6V1B1	TSS1891	chr2:71162997-	0.164657	0.0206456
ZNF90	TSS8339	chr19:2018880-	0.799471	0.743844
GPR160	TSS9153	chr3:16975573-	5.21594	13.3767
FOXD4L3	TSS26586	chr9:70917782-	0.506254	0.210977
PRPH2	TSS11004	chr6:42664332-	0.262373	0.338507
RGS9	TSS22732	chr17:6313345-	0	0.0433055
WDR17	TSS21054	chr4:17698698-	0	0.480254
TMEM14E	TSS30233	chr3:15205748-	0.481113	0.11472
RCAN3	TSS14765,TSS	chr1:24828840-	9.29025	4.95076
LOC101928855	TSS29952	chr17:7877543-	0.192177	0.17001
SNORA6	TSS8491	chr3:39449881-	54.0468	69.8294
FAR2	TSS18897,TSS	chr12:2930193-	0.647036	0.294585
LINC00239	TSS31460	chr14:1021967-	0	0
RDM1	TSS25937,TSS	chr17:3424508-	0.110028	0.199513
SAPCD2	TSS2094	chr9:13995657-	0.807427	1.21466
CAB39L	TSS13529,TSS	chr13:4988278-	3.16912	2.62594
PTPRN2	TSS24289,TSS	chr7:15733174-	0.466074	0.988518
GXYLT1P3	TSS33033	chr9:42493516-	0	0.0607549
TUB	TSS11859,TSS	chr11:8060179-	0.170138	0.166944
IQCA1L	TSS13923	chr7:15088796-	0	0
ABCB1	TSS32080	chr7:87133178-	10.1366	2.45248
NHLRC1	TSS23909	chr6:18120717-	0	0.590744
EXD1	TSS17996	chr15:4147493-	0	0.0228297

MYO6	TSS20317,TSS	chr6:76458892-	0.0345649	0.0878949
MCHR1	TSS8476	chr22:4107518-	0	0
INE2	TSS18688	chrX:15803838-	3.81E-08	2.09E-07
CCDC173	TSS6813	chr2:17050193-	0	0.0376192
ZNF295-AS1	TSS12161,TSS	chr21:4342930-	0	0.0770115
SDSL	TSS11832	chr12:1138601-	0.184552	0.228826
OR7D2	TSS31875	chr19:9296269-	0.163646	0.158342
LOC101928812	TSS29411	chr11:4537692-	0	0
RPS6KL1	TSS20387	chr14:7537065-	0.190719	0.526193
MYBL2	TSS19580	chr20:4229565-	1.49468	9.99083
HSBP1L1	TSS19044	chr18:7772458-	0	0.831775
MS4A1	TSS18667	chr11:6022328-	230.61	535.886
PPID	TSS14228	chr4:15963027-	11.8516	30.274
SP7	TSS19884,TSS	chr12:5372035-	0	0
TEC	TSS21176	chr4:48137799-	1.93177	2.53718
RGS7	TSS21048	chr1:24093881-	0.0253044	0.00209584
GPR179	TSS20005	chr17:3648149-	0.0693759	0.0784553
TBC1D12	TSS9122	chr10:9616218-	0.881372	1.35219
POU5F1P3	TSS15792	chr12:8286364-	0	0.140903
DRC1	TSS4540	chr2:26624783-	0.0896853	0.0555496
PSORS1C1	TSS32909	chr6:31082607-	0	0
AMY1C	TSS18602	chr1:10429244-	6.44E-06	0.00120668
PLD4	TSS18244	chr14:1053911-	9.01449	8.22973
DEPDC1-AS1	TSS20925	chr1:68962358-	0	0
AMOT	TSS15541,TSS	chrX:11201810-	1.22414	0.281454
AOC2	TSS19638	chr17:4099660-	2.06965	1.09816
TYRO3P	TSS25653	chr15:7655162-	0	0.417287
ETV5	TSS1549	chr3:18576410-	0.370823	0.1722
ARSD	TSS17255	chrX:2822010-	1.82032	1.32506
STX3	TSS14532	chr11:5952253-	3.50975	4.76596
OASL	TSS13115	chr12:1214580-	0	0.483975
TRIB3	TSS11247,TSS	chr20:361272-	7.05746	13.0847
FAM151B	TSS6410	chr5:79783799-	0	0.461794
AGRP	TSS24950	chr16:6751647-	0	0
TMEM119	TSS2856	chr12:1089836-	0	0
ZC2HC1B	TSS366	chr6:14418557-	0	0
TRIM36	TSS23413,TSS	chr5:11446045-	0.444271	0.420306
STK38L	TSS27144	chr12:2739707-	5.28665	7.74218
IKZF4	TSS200	chr12:5641468-	1.42028	1.04413
HS1BP3-IT1	TSS7421	chr2:20790534-	0	0
LINC00102	TSS20949	chrX:2531031-	0.338369	0
FAM186A	TSS21789	chr12:5072109-	0.0187972	0.0136358
MCTP1	TSS10623,TSS	chr5:94041241-	0	0.545983
KLHL35	TSS10356	chr11:7513343-	0	0
FAM159B	TSS21559	chr5:63986134-	0	0.161544
LOC100133331	TSS14025	chr1:323891-3-	2.00144	2.18043
KRT2	TSS30077	chr12:5303834-	0	0
DCAF8L1	TSS31010	chrX:27996109-	0.0595565	0.0044137
ANTXRPL1	TSS1815	chr10:4759026-	0.542774	0.233014
MROH5	TSS9511	chr8:14244392-	0	0
LOC101929431	TSS2853	chr10:3272329-	0	0.0413392
MICAL2	TSS11970,TSS	chr11:1213212-	0.384601	0.116012
CDK14	TSS13689,TSS	chr7:90225675-	8.87719	9.32411
TMEM240	TSS30267	chr1:1470157-	0	0.068001
RPS16P5	TSS3506	chr6:53199257-	0.682963	0.550246



LDHAL6B	TSS16064	chr15:59499014	0.389774	0.16101
ANKRD20A11F	TSS8223	chr21:15316091	0.542288	0
WDR93	TSS25026	chr15:90234027	0	0.18289
GOLGA8N	TSS4638	chr15:32885656	1.16004	0.494707
SYCP2L	TSS25607	chr6:10887063-	0	0
BLNK	TSS2067,TSS3	chr10:97951454	43.951	89.9454
MMP23A	TSS10531	chr1:1631377-	0	0.439076
C5orf17	TSS12765	chr5:23951456-	0	0.00591522
PHACTR1	TSS30078	chr6:12717036-	5.23562	7.40546
DDAH1	TSS25609,TSS	chr1:85784167-	0.251071	0.199698
LINC01023	TSS937	chr5:108063521	4.91291	2.99203
GPRIN3	TSS9176	chr4:90165428-	0.761748	0.469471
ARHGEF11	TSS23985	chr1:15690463-	0.564442	0.255088
RPH3AL	TSS23510	chr17:62179-20	0.21524	0.428351
CD82	TSS31901	chr11:44587140	61.0278	86.0118
GALNT15	TSS21507	chr3:16216183-	0.0652311	0.0649063
MAP1A	TSS10643	chr15:43809801	0.231002	0.935132
C1QTNF4	TSS9170	chr11:47611211	0.0334197	0
KLHL29	TSS11818	chr2:23608297-	1.11079	1.43919
SNORA5C	TSS3342	chr7:45144504-	0	3.15731
EDA2R	TSS11741,TSS	chrX:65815481-	0.268733	2.25952
GBGT1	TSS2914	chr9:136028334	4.53061	12.3137
ZNF239	TSS4570,TSS5	chr10:44051791	1.12652	4.5084
LOC285766	TSS7792	chr6:181465-20	0	0.0685684
CNGA1	TSS1935,TSS2	chr4:47937993-	0	0.0239228
GLP1R	TSS6841	chr6:39016556-	0	0.0545847
REM2	TSS33328	chr14:2335243-	1.40414	0.381573
TSPAN10	TSS31628,TSS	chr17:79604190	0.0567035	0
ADA	TSS2724	chr20:43248161	7.02242	8.82276
TTC22	TSS26211	chr1:55246751-	1.10631	1.01541
LOC285847	TSS7440	chr6:35694538-	0.133161	0.0206282
RASSF4	TSS19047	chr10:45455211	0.519281	0.194089
SELM	TSS19259	chr22:31500761	14.8599	4.13454
TMEM89	TSS19071	chr3:48658274-	0	0
PTCHD2	TSS9550	chr1:11539294-	0.305653	0.0191785
FAM66A	TSS26855	chr8:12219527-	0.190281	0.101903
KLF2	TSS25271	chr19:16435650	37.6494	8.92873
AGPAT9	TSS11607,TSS	chr4:84457066-	0.768045	4.86467
MEDAG	TSS18116	chr13:3148031-	0.00468794	0.0326672
LOC100506123	TSS14542	chr2:97949671-	2.17061	0.788404
TBC1D3	TSS28700	chr17:36284004	4.89E-13	0.359766
RASL10A	TSS12381	chr22:2970892-	0	0.0976206
PTPRE	TSS19927,TSS	chr10:12970531	3.94087	5.21359
FAM83H-AS1	TSS5854	chr8:144816301	0	0.0753446
TMEM255A	TSS24054	chrX:11939250-	0.550267	1.78205
TRIM73	TSS21671	chr7:75024902-	0.00836118	0.00649649
BCL2L1	TSS16454	chr20:30252260	6.51189	6.89766
IFITM1	TSS6110	chr11:313990-1	21.8064	31.0843
GSTM1	TSS28878	chr1:11023041-	0.574214	0.819772
LRCH2	TSS25394	chrX:114345181	0.000587388	0.0605129
LOC392232	TSS23111	chr8:73117533-	0	0.040394
APOBEC3A_B	TSS21474	chr22:39353520	8.12E-07	2.60477
FIRRE	TSS12355	chrX:13083667-	0.135889	0.516996
MINA	TSS30359	chr3:97660660-	1.84225	11.5148
RNF157	TSS23270	chr17:74138531	0	0.0751306

PCDHGB6	TSS24404	chr5:140787769	0.405478	0.22491
MAL	TSS28322	chr2:95691399-	1.2897	0.573698
CXADRP2	TSS14178	chr15:22014419	0	0.168977
NOS2	TSS7614	chr17:2608379-	0.165155	0.0399439
ARRDC5	TSS11759	chr19:4890448-	0.368331	0.460898
LINC00996	TSS21705	chr7:15013074-	0.155532	0.757069
WDR86	TSS10214,TSS	chr7:151078206	0	0
ANGPTL7	TSS15624	chr1:11249345-	0	0.0608121
TRAF1	TSS30596,TSS	chr9:123664670	2.11683	6.32923
LOC400794	TSS9149	chr1:165446078	0	0.0475246
C11orf74	TSS29702,TSS	chr11:36616042	0	0.12807
ADAM21	TSS26723	chr14:7091887-	0	0.0646237
GHR	TSS10156,TSS	chr5:42423876-	0	0.0035893
LOC102723831	TSS23171	chr6:15151780-	0	0.117946
COL23A1	TSS19278	chr5:177664616	0	0
TMEM130	TSS15906	chr7:98444110-	0.26095	0
CPPED1	TSS19737	chr16:12753659	3.43436	5.13967
TRIM39-RPP2	TSS8309	chr6:30297087-	2.03E-11	1.33749
TP53I11	TSS15748,TSS	chr11:44953898	8.08656	7.1259
LINC00942	TSS16631	chr12:1609656-	0.862984	0.0932397
FZD7	TSS15240	chr2:202899309	0.712949	0.105106
INPP1	TSS18709	chr2:191208199	1.26037	0.453158
PLCH2	TSS16732,TSS	chr1:2398897-2	0.561897	0.277446
NOL3	TSS16007,TSS	chr16:67204399	0.983355	0.290907
CYSLTR1	TSS7356	chrX:77526968-	7.22441	2.04717
CA14	TSS25848	chr1:15023013-	0	0.0390346
ULK4P1	TSS17768	chr15:3269881-	0.0293708	0.47814
CTH	TSS26028	chr1:70876900-	2.39995	3.10833
PLEKHN1	TSS13763	chr1:901876-9-	0	0.508101
TTY14	TSS17603,TSS	chrY:21034386-	0	0.135037
EPSTI1	TSS26549	chr13:43460529	4.26855	2.07057
LINC00243	TSS31605	chr6:30780642-	0.0221128	0.0342478
MTL5	TSS2893	chr11:6847490-	0.180842	0.242621
ACOT4	TSS19097	chr14:74058409	0	0.639087
FANCA	TSS33329	chr16:89803958	0.998694	3.33011
FLNC	TSS26922	chr7:128470482	0.000934832	0.00811762
NCALD	TSS17411,TSS	chr8:102698769	0	0.0132747
FAM156B	TSS30339	chrX:52976463-	0.700283	0.0012938
ZFP2	TSS26593	chr5:178322919	0.651913	0.259585
CPXM2	TSS30756	chr10:12550519	0	0.0166315
HCG4	TSS31518	chr6:29758807-	0.278625	0.0403266
FAM212B-AS1	TSS31074	chr1:112282462	0	6.79E-05
HSPA1A	TSS11690	chr6:31783290-	205.445	55.2099
IL12A	TSS11387	chr3:159706622	0.424588	1.21464
HSD17B13	TSS537	chr4:88224940-	0	0.0456276
SLC6A11	TSS29050	chr3:10857916-	0	0
TLL2	TSS28594	chr10:98124362	0.0315674	0.0325688
ODF3L2	TSS11542	chr19:463345-2	0.0290032	0
SCML1	TSS13426	chrX:17755568-	1.34883	3.93298
SLC16A14	TSS15248	chr2:230899689	0.798161	0.221158
CDH24	TSS32434	chr14:23516269	0.509648	0.209661
RUNX1-IT1	TSS13973	chr21:36410232	0.0629544	0
SNORA52	TSS17529	chr11:811680-8	22.3972	0
GPR150	TSS10724	chr5:94955979-	0	0.19864
TMEM170B	TSS12081	chr6:11538459-	0.905097	0.821597

KCNK4	TSS17673	chr11:64058792	0.101474	0
NDUFC2-KCTD13	TSS3760	chr11:77726760	2.87E-25	1.50E-12
ALOX5	TSS10016	chr10:45869620	21.0111	14.4544
CD38	TSS13265	chr4:15779930	2.58113	2.14603
APLF	TSS7194	chr2:68694690	0.48688	0.455709
JUNB	TSS4556	chr19:12902300	31.5699	25.7627
MXD1	TSS19969	chr2:70142172	4.48552	3.19147
MNX1-AS1	TSS33861	chr7:156803550	0.152421	0
RPMS1_1	-	chrEBV(Akata_	1.15E-07	0.43088
PLEKHF1	TSS23907	chr19:30156320	2.88999	3.53223
ZNF793-AS1	TSS13159	chr19:37988060	0.411271	2.64358
DOCK1	TSS10249	chr10:12859390	0.255411	0
MMP11	TSS15725	chr22:24115030	3.56327	1.69551
TCTN3	TSS4699	chr10:97423150	4.87861	22.2161
NME7	TSS9201	chr1:169101760	0.679528	5.71928
SPIB	TSS7198	chr19:50922190	23.7767	16.3407
SLFN14	TSS16002	chr17:33875140	0.322446	0.130751
SCD5	TSS29742	chr4:83550689	0.00709953	0.0219827
LINC00899	TSS26763	chr22:46435780	0.491006	0.290859
EDIL3	TSS7895	chr5:83236413	0	0.106056
ATP8B3	TSS13584,TSS	chr19:17820730	0.0775708	0.120031
GABRG1	TSS27700	chr4:46037786	0	0.0146626
LONRF3	TSS18759,TSS	chrX:118108570	0.549535	0.503162
REC8	TSS28806	chr14:24641230	1.77218	2.83183
SRRM3	TSS31810	chr7:75831210	0	0
PLA2G4C	TSS3791	chr19:48551090	0.459826	1.35978
PCGF2	TSS21720	chr17:36890140	0.249214	0.434238
H1FNT	TSS22166	chr12:48722760	0.441362	0
RASGRF2	TSS19134	chr5:80256507	0.0260953	0.133262
HIST1H2AL	TSS6913	chr6:27833106	0.0171278	0.640355
PLCB4	TSS10013,TSS	chr20:9049700	0	0.000766642
CECR1	TSS29760,TSS	chr22:17659670	5.86141	2.76622
CXCR3	TSS20481	chrX:70835765	3.34729	1.94996
MNX1	TSS14838,TSS	chr7:156797540	0	0.133317
HIST1H2AJ	TSS25129	chr6:27782079	0	0.772257
PKIG	TSS11367,TSS	chr20:43160420	31.7814	39.2661
PRICKLE1	TSS2082,TSS3	chr12:42852130	3.79476	3.58702
CNBD1	TSS29115	chr8:87878675	0	0.0333217
RAB9B	TSS26108	chrX:10307725	0	0.217666
AFF3	TSS11827,TSS	chr2:100163710	10.2305	7.63013
PCDHGA1	TSS23125	chr5:14071025	0.524457	0.172691
LINC00672	TSS12408	chr17:37081420	1.95146	0.668249
PTPRU	TSS18229	chr1:29563027	0	0.0297597
LPP-AS2	TSS349	chr3:187868990	0.245582	0.261406
ACP5	TSS20158,TSS	chr19:11685470	14.9102	6.00229
BBOX1-AS1	TSS31503,TSS	chr11:27068730	0	1.77578
ZFH2	TSS20797	chr14:23990060	0.0370009	0.0357859
CELF2-AS1	TSS22238	chr10:11358790	1.36875	0.469485
GRIK1-AS1	TSS26016	chr21:31120490	0	0.034883
SPAG4	TSS5077	chr20:34203800	1.03782	0.678445
E2F7	TSS180	chr12:77415020	0.0897596	0.538309
ZNF618	TSS9949	chr9:116638560	0.131085	0.019233
SSC5D	TSS15678	chr19:55999860	0	0.0680755
DYRK3	TSS29798	chr1:206808880	0.708617	1.85594
ZNF595	TSS14961	chr4:53178-880	4.60375	2.95961

CCDC88A	TSS27331	chr2:55514977-	2.20575	2.87422
CCR7	TSS16690,TSS	chr17:3871002-	59.1673	70.1441
PART1	TSS22275,TSS	chr5:59783539-	0	0.106539
NOTCH3	TSS27044	chr19:1527044-	0.211007	0.0367351
MCF2L2	TSS14336	chr3:18289579-	0	0.00665806
PRDM15	TSS24581,TSS	chr21:4321838-	1.74459	2.18008
LSMEM1	TSS23194,TSS	chr7:11212090-	2.49477	0.22302
ACTN2	TSS27857	chr1:23684975-	0	0.00113135
NRXN1	TSS15338,TSS	chr2:50145642-	0.0028229	0.0179101
PCDHGA12	TSS3267	chr5:14081015-	0.65954	0.196389
FAM111B	TSS19904	chr11:5887465-	13.1678	7.96743
SEMA3B	TSS18522,TSS	chr3:50304989-	0.480606	0.0488582
ZNF331	TSS1502,TSS2	chr19:5402417-	2.93767	3.85352
HACD4	TSS4660	chr9:21006364-	2.60257	1.44774
FAM66E	TSS927	chr8:7812534-	0.722721	0.192593
RHPN2	TSS27773	chr19:3346949-	1.11743	2.08634
MYB	TSS7341	chr6:13550245-	0.0864577	0.312333
FGR	TSS23849,TSS	chr1:27938800-	2.04826	16.7769
GABRR1	TSS13947,TSS	chr6:89887222-	0.000940539	0.114809
ZAR1L	TSS4601	chr13:3287790-	0	0
FAM131C	TSS34222	chr1:16384263-	0.0271701	0.105227
CACNB3	TSS16796,TSS	chr12:4920821-	1.29674	0.683244
ZBTB47	TSS28368	chr3:42695175-	0.0858847	0.132923
MEIS1	TSS15004	chr2:66662531-	0	0.0535339
ZNF350-AS1	TSS32358	chr19:5245238-	1.48995	0
FBXO16	TSS11778	chr8:28285925-	0	0
FFAR1	TSS26602	chr19:3584244-	0.110208	0
RHPN1	TSS31739	chr8:14445102-	0.364261	0.800337
L3MBTL4	TSS15507	chr18:5954704-	0	0.273622
LAMA5	TSS24390	chr20:6088411-	4.57532	2.24823
EML6	TSS8296	chr2:54952148-	5.53942	2.14099
LINC00426	TSS1384	chr13:3091440-	2.19813	3.14788
PIWIL4	TSS29982	chr11:9430047-	0.0962472	0.308652
SIGLEC11	TSS33873	chr19:5045224-	0.77479	0.131139
HERC5	TSS19815	chr4:89378267-	6.53152	1.69802
LOC100507144	TSS29109	chr11:3515419-	0	0.0687254
PCAT6	TSS10133	chr1:20278007-	0.51716	0.0669561
TXK	TSS18356	chr4:48068409-	1.5024	0.610892
ZNF750	TSS8048	chr17:8078730-	0	0.266784
CCSER1	TSS25654,TSS	chr4:91048683-	0.614568	0.794855
HIST1H2BM	TSS1843	chr6:27782821-	0	1.72039
DNAJA4	TSS15156,TSS	chr15:7855648-	4.16882	6.59984
ACSM1	TSS18527	chr16:2063455-	1.37172	0.531123
C1R	TSS22524	chr12:7187514-	0.258169	0.169147
CYP2C9	TSS24901	chr10:9669841-	0	0.0254081
ZMYND10	TSS5702	chr3:50378536-	0	0.0800816
NLRP2	TSS11531,TSS	chr19:5547665-	0.885676	0.888301
NDRG2	TSS19911,TSS	chr14:2148492-	0.651614	0.580719
LOC339166	TSS30653	chr17:5675553-	0.00874992	0.0561123
LOC100130298	TSS31612	chr8:61878679-	0.600693	0.841456
LINC00511	TSS31301	chr17:7059417-	0	0
EVA1C	TSS26615	chr21:3378474-	0	0.0272416
CTD-220118.1	TSS7370	chr5:79362171-	0	0
IRAK2	TSS30603	chr3:10206562-	8.74951	6.45966
FBLN5	TSS2358	chr14:9233575-	0.456421	0.0392619

C6orf132	TSS18454	chr6:42068856-	0	0
RUNDC3A-AS1	TSS5081	chr17:4237694-	0.195142	0.0919226
LINC01447	TSS31866	chr7:47661536-	0	0
NELL1	TSS22591	chr11:20691096-	0	0.0881298
GREB1	TSS10498,TSS	chr2:11674241-	0.125361	0.159076
TNFRSF8	TSS26581	chr1:12123433-	0.218904	2.17322
MEGF9	TSS21754	chr9:12336319-	2.8702	1.82592
BOLL	TSS15933,TSS	chr2:19859160-	0	0.0626553
TBC1D3P5	TSS30455	chr17:25745030-	0	0
POU5F1P5	TSS26530	chr10:6976970-	0	0
LINC01296	TSS5681	chr14:19880208-	0.903663	0.724003
PPL	TSS7113	chr16:4932507-	0	0.148801
MEP1B	TSS15692	chr18:29769986-	0	0.0238523
TSKS	TSS16630	chr19:50243010-	0	0.0784968
RASL11A	TSS8747	chr13:2784446-	1.09038	1.45478
IGDCC4	TSS10044	chr15:6567382-	0	0.0153195
NANOS3	TSS10067	chr19:1398806-	0.500338	0
RASL11B	TSS31313	chr4:53728494-	0.465719	0
CACNA1C-AS1	TSS29260	chr12:2777665-	0	0.585449
FOXD4L5	TSS10464	chr9:70175706-	0.202869	0.213252
LOC101927143	TSS20393	chr1:22439644-	0	0.20787
CORO2A	TSS19250,TSS	chr9:10088325-	0.962868	0.486648
MARVELD2	TSS19533	chr5:68710938-	0.38338	0.247394
FAM19A1	TSS23767,TSS	chr3:68040733-	0	0
CTBP2	TSS18264,TSS	chr10:1266764-	1.3052	0.762446
CDK20	TSS6610	chr9:90581358-	0	0.126635
IL19	TSS28191,TSS	chr1:20697221-	0.051656	0.373466
GPR61	TSS18030	chr1:11008249-	0.360997	0.0364519
LOC100240735	TSS15201	chr12:5447262-	0	0
GZMM	TSS4284	chr19:544033-	0.0539643	1.16886
MANSC4	TSS14493	chr12:2791559-	0	0
C17orf50	TSS2346	chr17:3408791-	0	0
PLS1	TSS30503,TSS	chr3:14231522-	0.406505	0.279673
LOC100128573	TSS8560	chr19:7537722-	0	0.0903638
GPRC5D	TSS18764	chr12:1309370-	0.334842	0.37089
SEL1L2	TSS7311,TSS9	chr20:1383004-	0	0.0074499
ITPK1-AS1	TSS25907	chr14:9353379-	0.184682	0.243395
LOC102724695	TSS31529	chr3:18652866-	0	0.0775531
CD59	TSS19708,TSS	chr11:3372455-	12.6109	9.35355
SMCR5	TSS30925	chr17:1767999-	0.436029	0.192884
CTHRC1	TSS14373,TSS	chr8:10438374-	0	0.27788
TUBB2A	TSS24805	chr6:3153900-	3.52678	4.81209
SH2D2A	TSS24342,TSS	chr1:15677603-	0	3.36617
LOC101929224	TSS20122	chr1:20063863-	0	0.227276
GLUL	TSS25561,TSS	chr1:18234722-	6.44725	3.88804
EPO	TSS32584	chr7:10031842-	0	0
SMIM2-AS1	TSS10824,TSS	chr13:4468468-	0	0.0630198
SGCD	TSS21065	chr5:15575376-	0	0.0515269
10-Mar	TSS23942,TSS	chr17:6077867-	0	0.0781095
BZRAP1	TSS34217	chr17:5637858-	0.652277	0.615247
ARHGAP44	TSS16957	chr17:1269282-	0.458819	0.426117
SYNM	TSS9553	chr15:9964528-	0.365488	0.067096
TIMP1	TSS19800	chrX:47441689-	5.61746	4.18464
FRAT1	TSS18913	chr10:9907902-	3.54101	1.24727
DNAJC6	TSS19335,TSS	chr1:65730376-	0.3107	0.389269

TFEC	TSS1177,TSS1	chr7:11557520-	4.89438	0.924545
LOC101929698	TSS14194	chr20:3109776-	0	0
FRMPD2B	TSS2223	chr10:4884403-	0	0
ANTXRL	TSS3903	chr10:4765823-	0	0
FHDC1	TSS31175	chr4:15386413-	0.11888	0.0664372
SYTL3	TSS7793	chr6:15907104-	0.41026	0.731629
RXFP4	TSS6205	chr1:15591147-	0	0
GRAMD1C	TSS28765,TSS	chr3:11355768-	9.04799	2.26253
TOX2	TSS31513,TSS	chr20:4254349-	0.240959	0.59655
KDM5B	TSS913	chr1:20269653-	3.73609	3.18253
ANKRD18DP	TSS33688	chr3:19778440-	0	0.0118298
LHFPL3	TSS325	chr7:10396910-	0.0017699	0.249635
PURG	TSS26973,TSS	chr8:30853317-	0.0126524	0
HOXB7	TSS27961	chr17:4668459-	0.486595	0.269318
LRRC17	TSS6165	chr7:10255334-	0	0.0472338
FLJ45079	TSS9042	chr17:7587508-	0	0.0213349
SDK1	TSS24880,TSS	chr7:3341079-	0.029213	0.0436808
BMP1	TSS684	chr8:22022652-	1.03775	0.843774
OR2A20P	TSS4967	chr7:14394776-	0.4832	0.268361
ATP6V0CP3	TSS26769	chr6:42695313-	0	0
PROC	TSS29004	chr2:12817599-	0	0
LINC01314	TSS30306	chr15:8048782-	0.124603	0.0714193
HDX	TSS27600	chrX:83572881-	0.000921333	0.112519
LOC100652998	TSS3009	chr12:5390776-	0	0.0807595
DGKG	TSS3763	chr3:18586498-	0.294669	0.286497
PTPN6	TSS19561,TSS	chr12:7055739-	41.1813	137.883
TAS2R42	TSS28304	chr12:1133859-	0.589019	0
TUBB6	TSS23150,TSS	chr18:1230766-	11.9082	19.0517
SCML4	TSS30952,TSS	chr6:10802336-	1.29519	0.472329
AHI1	TSS33754	chr6:13560510-	2.69068	1.76856
BATF3	TSS29865	chr1:21285975-	0.614173	14.7337
THRIL	TSS12419	chr12:1255099-	6.70261	9.71402
LOC100131498	TSS1876	chr20:4594724-	0	0.0773643
SALL2	TSS16220,TSS	chr14:2198923-	0.0252837	0.115887
FAM66B	TSS3306	chr8:7159132-	0.873028	0.181856
HSD17B6	TSS13263	chr12:5715700-	0.0574471	0.378255
ZNF788	TSS25916	chr19:1220307-	0.478691	0.622717
HMGN5	TSS22536	chrX:80369199-	2.65973	4.51419
TBC1D3	TSS2127	chr17:3633752-	7.51E-12	0.363725
ARHGAP42	TSS9675	chr11:1005584-	0.354634	1.47429
SNX22	TSS8507	chr15:6444391-	6.82331	4.01519
PPIAL4E	TSS14681	chr1:14880601-	0	0.299062
PAR6G-AS1	TSS870	chr18:7790580-	0	1.59656
P3H4	TSS3739	chr17:3995820-	0.0513589	0.053016
TRIM6-TRIM34	TSS17192	chr11:5617864-	0.00658873	0.024504
SNORD89	TSS16702	chr2:10188939-	204.315	41.6081
RAG1	TSS9953	chr11:3658956-	0	0.0503085
PYCARD	TSS10550	chr16:3121280-	17.002	8.31791
RAPGEF5	TSS12680	chr7:22157907-	0.490899	0.664748
TBXAS1	TSS18414,TSS	chr7:13947804-	25.059	10.4478
ABCA10	TSS18033	chr17:6714414-	0	0.0637907
LOC388436	TSS11603	chr17:1912269-	9.89513	4.4517
HMGCS1	TSS2345	chr5:43287571-	8.82638	44.4886
SLAMF7	TSS22128	chr1:16070884-	10.847	46.1662
APOBEC3B	TSS23211	chr22:3937840-	0.86781	0.264069

GXYLT1P3	TSS24229	chr9:43003238-	0	0
FER1L6	TSS22420	chr8:124864226	0	0.065799
GALM	TSS25984	chr2:38893051-	1.15194	1.28206
ETHE1	TSS16514	chr19:44010870	7.2749	5.44109
BMS1P17	TSS25691	chr14:19894368	0	0.0144854
SLC35G5	TSS16336	chr8:11188494-	0	0.281114
HIC1	TSS27312,TSS	chr17:1958392-	0.0836561	1.62032
RCOR1	TSS22431	chr14:10305898	6.34837	6.73101
SLC25A51P1	TSS915	chr6:66497771-	0	0
MMP23A	TSS23827	chr1:1568158-	0	0.488265
SLC39A2	TSS2040	chr14:21467418	0	0
TNNI2	TSS19110,TSS	chr11:1860232-	2.73437	0.606644
KCTD3	TSS10221	chr1:215740734	0.443047	1.05444
FAM150B	TSS9323	chr2:279560-28	0	0.052462
SNORD97	TSS3335	chr11:10823018	153.576	20.8661
MINOS1-NBL1	TSS11669	chr1:19923470-	8.35E-42	0.249613
LRRC2	TSS31913	chr3:46556877-	0.176237	0.110407
IFITM10	TSS21344	chr11:1753639-	0.364878	0.100212
CETP	TSS8114	chr16:56995834	0	1.22549
TSPEAR-AS1	TSS14138	chr21:45925926	0	0
SNORA18	TSS16737	chr11:93466663-	205.348	66.3255
APOBEC4	TSS28138	chr1:183615410	0	0.0247203
LOC388436	TSS25935	chr17:19057836	9.81182	4.3927
LOC102723354	TSS15883	chr14:10556048	0	0
SH3RF3-AS1	TSS30666	chr2:109743788	0	0.115195
LOC101060321	TSS7146	chr17:36284016	3.03E-05	0.308686
LINC01220	TSS7898	chr14:75761106	0	0
WNT16	TSS18656,TSS	chr7:120965420	0.61554	0.73959
JMJD7-PLA2C	TSS32576	chr15:42120288	2.29491	0.000377862
BACH2	TSS11185	chr6:90636246-	32.0805	14.1384
EGOT	TSS17496	chr3:4790877-4	0.804543	0.1496
RARRES2	TSS15485	chr7:150035406	0.580428	0.056323
CD80	TSS25452	chr3:119243138	1.5009	2.23042
GPR62	TSS14915	chr3:51989329-	0	0
AOAH	TSS18572	chr7:36552548-	0.785779	0.163229
FZD6	TSS23499,TSS	chr8:104310660	1.2342	2.69493
PDE6C	TSS7869	chr10:95372344	0	0.0691033
FMN1	TSS22633,TSS	chr15:33057744	0.0438822	0.0557791
PRSS27	TSS20035	chr16:2762422-	0	0.374
TP53I3	TSS25889,TSS	chr2:24300302-	2.64734	1.51305
MYO1F	TSS29723	chr19:8585673-	14.9898	4.71463
LOC414300	TSS1438	chr12:10549624	0	0.0689457
GLIPR2	TSS15605,TSS	chr9:36136532-	2.91599	5.10087
GRIN1	TSS20685	chr9:140033608	0.0891473	0
EFR3B	TSS24279	chr2:25264972-	0.280214	0.0884983
PFKFB4	TSS33030	chr3:48555116-	0.577106	0.417563
PDZD2	TSS2796	chr5:31799030-	0.235419	0.0635407
LINC01088	TSS12720	chr4:79892901-	0.00493635	0
GDAP1L1	TSS2131,TSS2	chr20:42875738	0	0.0285095
RMI2	TSS23473	chr16:11439294	4.4982	2.95234
NUDT8	TSS22135	chr11:67395408	3.96972	5.89578
ZNF135	TSS25648	chr19:58570606	0.992925	0.957631
COL6A1	TSS26420	chr21:47401668	0.113012	0.159027
RAB34	TSS32543,TSS	chr17:27041298	2.55426	16.743
SMC2-AS1	TSS15525	chr9:106842304	0	0.0188311

TM6SF1	TSS33129	chr15:83776320	5.52721	2.66842
CCR9	TSS33725	chr3:45927995	0.212765	0.0686327
LOC101927653	TSS26544	chr12:5895974	0	0
SLFN12L	TSS17599	chr17:3380194	0.781496	0.968475
LOC79999	TSS3186	chr17:1899652	11.0545	4.45598
TNFSF10	TSS18949,TSS	chr3:17222329	2.32705	0.971966
LOC105747689	TSS5405	chr2:19255490	1.90777	0.617184
DCC	TSS31996	chr18:4986654	0	0
TLE1	TSS24542	chr9:84198597	2.3203	1.29958
LINC01133	TSS4762	chr1:15993101	0.0429119	0.0332642
MYL1	TSS18204,TSS	chr2:21115486	0.0235392	0.0232477
LOC100129924	TSS19033	chr1:43253660	0.561614	0
LOC100507346	TSS2892	chr9:98225890	0.698578	0
GAL3ST2	TSS25060	chr2:24271623	0	0.0503729
BTN1A1	TSS1814	chr6:26501494	0	0.204405
UBASH3A	TSS31847	chr21:43823970	0	0.0940996
HAR1B	TSS25760	chr20:6172684	0	0
KHDC1L	TSS6091	chr6:73933267	0	0.484801
MATN2	TSS10478	chr8:98881310	0	0.0747635
HIST1H3E	TSS28125	chr6:26225382	0	1.75369
ZBED3	TSS9514	chr5:76372531	1.39803	0.805239
ULK4P1	TSS1468	chr15:3086475	0.0293765	0.478144
HAVCR2	TSS2523	chr5:15651284	2.06308	0.513431
MPP7	TSS538	chr10:2833992	0.157206	0.621089
PKIA-AS1	TSS117	chr8:79446126	0	0.122534
CFAP58	TSS5413	chr10:1061135	0	0.0820588
PRDM12	TSS13243	chr9:13353998	0	0.09717
STEAP3	TSS22991	chr2:11998138	0.1519	2.29363
HLA-DOB	TSS4447	chr6:32780539	7.57387	4.66278
PIK3R6	TSS16313	chr17:8706040	0.332118	0.474156
LINC01411	TSS12314	chr5:17376335	0.319801	0.0177096
RBM24	TSS14794,TSS	chr6:17281808	0	0.0811652
CD27	TSS31988	chr12:6554050	35.0058	35.1154
TAT-AS1	TSS17415,TSS	chr16:7159891	0	0.887689
SNX29P2	TSS26377	chr16:2931360	6.56796	5.4535
JAG2	TSS31816	chr14:1056073	0.255231	0.11618
FAM114A1	TSS16599	chr4:38869353	1.42785	1.04352
OR56B1	TSS22622	chr11:5757677	0	0.279669
DDO	TSS9851	chr6:11071338	0.0305299	0
SNORA45A	TSS15976	chr11:8705773	0	29.9122
LINC01611	TSS33633	chr6:85130750	0	0
ZFP92	TSS31675	chrX:15268378	0.307533	0.834188
ANKK1	TSS27355	chr11:1132585	0.105268	0.108666
TANC2	TSS19592	chr17:6108689	0.20524	0.809585
SNAI1	TSS7561	chr20:4859951	1.35409	0.293678
LPPR3	TSS7043	chr19:812487	0	0
ULK4P3	TSS12877	chr15:3039593	0	0.346101
F11-AS1	TSS30542	chr4:18720725	0	0.0190827
ARNTL2	TSS31854	chr12:2748578	0.332411	0.515616
B3GALNT1	TSS23073,TSS	chr3:16080167	0.30011	0.116151
PKD2L1	TSS33793	chr10:1020479	0	0.0111699
C20orf195	TSS4581	chr20:6218437	0	0.102651
NYAP1	TSS19730	chr7:10008154	0	0.0377852
OR7E156P	TSS12430	chr13:6431156	0	0
LOC100505530	TSS12245	chr6:37475123	0.282094	0



AXIN2	TSS30398	chr17:63524682	0.0512808	0.0158753
ADAM20	TSS28779	chr14:70989077	0	0
SUGT1P1	TSS33912	chr9:33504534-	0.772546	0.0648504
MAP2K6	TSS33141	chr17:67410837	0	0.739692
RIT2	TSS1994	chr18:40323182	0	0
SBSPON	TSS19980	chr8:73976777-	0.551127	0.401386
PCDHGA7	TSS3079	chr5:140762305	0.534739	0.0237729
C1orf21	TSS29755	chr1:184356149	0.106902	0.0137851
SLC12A5	TSS18591,TSS	chr20:44650328	0	0.0201088
VWA5B2	TSS25300	chr3:183948316	0	0.0586219
PLEKHD1	TSS31717	chr14:69951470	0.456076	0.00296345
C10orf91	TSS4069	chr10:13425877	0	0.283098
NEUROD2	TSS33514	chr17:37760020	0	0.0337916
CNN3	TSS14319,TSS	chr1:95362504-	5.81204	7.20236
PARD6G	TSS32416	chr18:77915116	0.602563	0.325581
TXNIP	TSS17959	chr1:145438437	109.665	53.7122
LINC00629	TSS9671	chrX:133684055	0	0
ADGRE2	TSS12002,TSS	chr19:14843508	1.31709	1.21754
SYDE1	TSS34168	chr19:15218174	0	0
ZNF676	TSS28314	chr19:22361902	0.0931585	0.271284
KLHL14	TSS3862	chr18:30252635	3.15689	0.859075
STAP1	TSS650	chr4:68424445-	31.5021	16.5281
MTRNR2L6	TSS13158	chr7:142374130	0.183257	0.14431
RAB19	TSS13026	chr7:140103842	0	0
LOC339529	TSS13355	chr1:244080705	0.35755	0.0197806
C1orf228	TSS23911	chr1:45140393-	0.466758	0.48915
ENTPD3	TSS10252,TSS	chr3:40428646-	0	0.126025
GRIN2D	TSS24679	chr19:48898137	0.0338552	0.0545825
SENPA3-EIF4A1	TSS33777	chr17:7465308-	9.99E-21	1.55491
RBM47	TSS24038,TSS	chr4:40425271-	2.75201	5.85824
LVRN	TSS16784	chr5:115298150	0	0
LINC00965	TSS26878	chr8:71410067-	0.1314	0.0178824
LINC00656	TSS4848	chr20:23105704	0	0
ZBP1	TSS2729	chr20:56178907	4.12549	1.5383
RASAL2	TSS10188,TSS	chr1:178062865	0.400766	0.443583
ZNF112	TSS31008	chr19:44830705	1.36715	0.918111
DEPDC1	TSS25131	chr1:68939834-	0.047173	0.0584125
SOX4	TSS21732	chr6:21593971-	3.0975	1.2328
KCNC4	TSS26979	chr1:110753335	0.921255	1.52643
LOC101926913	TSS12934	chr2:171556877	0	0.307346
HCN2	TSS16896	chr19:58989276	0.20581	0.0298697
BSN-AS2	TSS26529	chr3:49586738-	0.136901	0.0264971
SNORA59B	TSS9032	chr17:19460872	0	0
CTLA4	TSS12519	chr2:204732510	0	0
FNBP1L	TSS24686	chr1:93913687-	2.16339	0.978881
CLEC3B	TSS33752,TSS	chr3:45067758-	0	0
CREB5	TSS13924,TSS	chr7:28338939-	0.312993	0.240246
MYH4	TSS8360	chr17:10346607	0.1182	0.00514921
JAKMIP1	TSS13826,TSS	chr4:60279257-	0	0
SNORA12	TSS28380	chr10:10199697	19.2252	17.5358
LOC148709	TSS13559	chr1:202830887	0.0262004	0.218558
MGC45922	TSS26201	chr19:51320936	1.19181	2.22689
ITIH1	TSS12005,TSS	chr3:52811601-	0	0.124362
PPIAL4F	TSS5890	chr1:148201757	0	0.299446
CCDC42B	TSS28256	chr12:11358766	0.368655	0.482143

ARHGAP22	TSS20892,TSS	chr10:49654067	0	1.38811
KCNE2	TSS24954	chr21:35736327	0	0
FBXO39	TSS522	chr17:66795517	0.527928	0.0430457
CCDC63	TSS21546	chr12:11128476	0.0268702	0
TAS2R43	TSS10549	chr12:11243885	0.823579	0.638589
MEX3B	TSS1499	chr15:82334118	0	0.412595
LOC101927817	TSS16191	chr16:89497325	0.32858	0.274063
GBP5	TSS23968	chr1:89724633	4.49062	1.29383
SNORA40	TSS10696	chr11:93468275	253.495	24.6659
HOPX	TSS16762,TSS	chr4:57514153	2.42848	0.924714
FRMPD2B	TSS13863	chr10:49364600	0	0
ZNF300P1	TSS21855	chr5:15030999	0	0.0292734
KIR3DX1	TSS11060	chr19:55043908	0	0.0432233
FBXW10	TSS17856	chr17:18647325	0.151626	0.102583
LOC101927482	TSS22677	chr2:19712474	0	1.16614
GRHL2	TSS17022	chr8:10250466	0.0135313	0.102974
CSRNP1	TSS11742	chr3:39183341	12.3369	11.2067
DMRTC1	TSS6772	chrX:72091858	0.223292	0.123481
LOC102724050	TSS11875,TSS	chr12:54747474	0	0.23786
GPR55	TSS26365	chr2:23177204	0	0.605222
APOF	TSS10335	chr12:56754354	0	0.360595
BMS1P17	TSS3121	chr14:19670797	0	0.0144854
TDRD5	TSS13098,TSS	chr1:17956074	0	0.0465271
SUN3	TSS22806	chr7:48026745	0	0
SMIM14	TSS15166	chr4:39552545	18.6449	27.8664
FAM228A	TSS20659	chr2:24397911	0	0
KBTBD11	TSS14305	chr8:19220437	0.515607	0.192098
PON2	TSS20268	chr7:95034173	1.17765	8.65462
PPAPDC1A	TSS15987	chr10:12221646	0	0
NKG7	TSS369	chr19:51874875	0.568853	0.833748
RAB27B	TSS6169	chr18:52495707	0	0.0283169
AKR1C4	TSS18152	chr10:52387977	0	0.509438
TCEA3	TSS12595	chr1:23707401	0.684567	0.0611803
LSMEM2	TSS8091	chr3:50316457	1.28486	0.255617
VWA8-AS1	TSS24049	chr13:42535304	0	0
BFSP1	TSS26401,TSS	chr20:17474549	0.0428802	0.0624899
LINC00673	TSS33076	chr17:70399462	0	0.0772162
GNG7	TSS14621	chr19:25112177	31.2046	18.4708
LOC101928605	TSS9628	chr7:14389241	0.852395	0.359868
ITGA6	TSS20359	chr2:17329231	0.113438	0.18142
MPP2	TSS14864,TSS	chr17:41952726	0	0.0316717
TNNC2	TSS614	chr20:44451854	3.07828	0.503302
CD247	TSS6035	chr1:167399876	1.68259	1.6237
TMEM97	TSS23203	chr17:26646120	1.95781	10.8808
LINC00926	TSS29241	chr15:57592562	28.6069	12.1595
LOC101929549	TSS27648	chr12:48095827	0.770253	0.0895427
OAS1	TSS23129	chr12:11334475	7.73101	5.05589
VSTM2B	TSS14954	chr19:30017490	0	0
TMEM71	TSS2831	chr8:13372219	1.04534	1.02873
AATBC	TSS4790	chr21:45225638	0.602186	0.291273
GOLGA8R	TSS16545	chr15:30692764	0.482786	0.378711
SNORA64	TSS19637	chr16:20129737	0	0
DHH	TSS20872	chr12:49483205	0	0
NRADDP	TSS24702	chr3:47053031	0	0.458783
ZNF418	TSS31367	chr19:58433257	2.2695	1.28781

LOC401242	TSS20982	chr6:28827401-	0.0205555	0.0155223
LINC01543	TSS5357	chr18:24002958-	0	0
GNG8	TSS19241	chr19:47137332-	2.0714	1.63877
MUC12	TSS23774	chr7:10061290-	0	0.040272
LOC100130899	TSS18872	chr22:40428335-	0	0.118656
PLTP	TSS14246,TSS	chr20:44527258-	0.281475	0.299811
LYG2	TSS7989	chr2:99858710-	0	0.0461001
HSPG2	TSS26199	chr1:22148724-	0.126492	0.0236198
NROB2	TSS22847	chr1:27237974-	0	0
LOC100128164	TSS15198	chr3:16966177-	0.312845	0.126545
PSD3	TSS14314,TSS	chr8:18384812-	1.08222	1.08934
CPN1	TSS29317	chr10:10180206-	0.577063	0
KLF8	TSS21568,TSS	chrX:56258821-	4.49019	2.309
KCNT1	TSS22115	chr9:138594030-	0	0
GRM8	TSS21724,TSS	chr7:12607865-	0	0.157541
OXCT2	TSS15931	chr1:40235196-	0.218003	0.314958
SMPDL3B	TSS1547	chr1:28261465-	0	0
PRKCH	TSS6627	chr14:61788160-	1.02731	0.620364
EHD3	TSS31018	chr2:31456879-	7.98356	2.33873
FHL1	TSS14678,TSS	chrX:135228860-	1.01	2.45445
CCDC36	TSS3964,TSS9	chr3:49235860-	0.00749097	0.114849
TMEM220-AS1	TSS28906	chr17:10633095-	2.35E-06	0.472336
KPNA7	TSS22829	chr7:98771196-	0	0
LHFPL3-AS2	TSS18693	chr7:104535074-	0.0250334	0.290824
GPHN	TSS16531	chr14:66974124-	1.00199	5.05228
LOC100506985	TSS32573	chr1:24865763-	5.42731	1.72365
LOC101927272	TSS20414	chr16:50702765-	0.938039	0.0775727
UNC79	TSS13442	chr14:93799564-	0.0702953	0.0310803
TENM1	TSS14347	chrX:123509751-	0.0196713	0.0101461
CITED1	TSS22332,TSS	chrX:71521487-	0	0
TIMD4	TSS22581	chr5:156346292-	0	0.288849
CD83	TSS22317,TSS	chr6:14117486-	72.058	147.049
GIMAP5	TSS17151	chr7:150434435-	0.803315	0.811607
TSPAN33	TSS7748	chr7:12878471-	13.3641	13.1978
CD226	TSS11836,TSS	chr18:67530192-	0	1.53561
TCF7	TSS16502,TSS	chr5:13345040-	21.3374	5.68092
LOC101928523	TSS1794	chr9:106761989-	0	0.0516453
MTRNR2L5	TSS31912	chr10:57358749-	0.238775	0.0821973
ABI3BP	TSS23479	chr3:100468178-	0	0.0749327
SYT5	TSS11461,TSS	chr19:55684465-	0	0.908395
DNAH6	TSS5384	chr2:84743578-	0.214624	0.114499
HECW1	TSS21437	chr7:43152197-	0	0.0121638
RPL21P44	TSS10526	chr4:54851665-	1.64967	0.612238
SNORA23	TSS17760	chr11:9450312-	11.9913	11.9027
GBP1P1	TSS16031	chr1:89873237-	0.80711	2.06159
WDR64	TSS13905	chr1:241815579-	0	0.0681818
ALOX15P1	TSS8010	chr17:6561037-	0	0.576327
SNORD17	TSS23853	chr20:17943352-	97.7174	11.0084
KCNK9	TSS11253	chr8:140613080-	0	0
ASPRV1	TSS29438	chr2:70187223-	0.24923	0.353811
TULP2	TSS9929	chr19:4938422-	0	0.101327
BCAN	TSS15271	chr1:156611739-	0	0.0390813
TAS2R3	TSS9358	chr7:141463890-	1.15987	0
PXT1	TSS28263	chr6:36358328-	0	0
GAS6	TSS13383	chr13:11452352-	8.62E-08	0.524294

IL7	TSS10383	chr8:79645006-	2.54005	4.86965
SYNGR4	TSS21850	chr19:48867650-	0	0
KCNE5	TSS2705	chrX:108866920-	0.545825	0.0248757
MIR6891	TSS2740	chr6:31323000-	0	87.1626
NR5A1	TSS18927	chr9:127243514-	0	0
LOC440910	TSS12045	chr2:132036862-	0.0892626	0.0752996
FZD1	TSS32161	chr7:90893782-	0.893034	0.38152
TMEM61	TSS13460	chr1:55446336-	0	0
CYP3A4	TSS13758	chr7:99354582-	0	0.110711
AKR1C2	TSS11096,TSS	chr10:5029967-	0	0.237204
PRTG	TSS34133	chr15:55903738-	0	0.0281669
TRERF1	TSS12725	chr6:42192670-	0.787004	0.617656
HRASLS5	TSS31154	chr11:63228875-	0	0
KLHL23	TSS21442	chr2:170590355-	0.4996	0.117557
LOC102723385	TSS27465,TSS	chr16:19074075-	0	0.201524
LOC103171574	TSS31104	chr15:84977216-	2.23E-07	0.0729904
BALF3_1	-	chrEBV(Akata_	0	2.74E-05
LOC101927697	TSS20527	chr5:15774771-	0.0585537	0
PRSS8	TSS11395	chr16:31142750-	0	0
HIST1H2AI	TSS17752	chr6:27775976-	0	0.696005
GRIN2C	TSS11695,TSS	chr17:7283816-	0.101662	0.0393399
LINC00563	TSS13724	chr13:46870579-	0	0
GGT6	TSS5396	chr17:4460221-	0.00581049	0
PTPRM	TSS5781	chr18:7567313-	0	0.0106242
PGM5	TSS22817	chr9:70971814-	0	0.072532
MAB21L2	TSS30842	chr4:151503076-	0.0961271	0.111626
ETV7	TSS14803,TSS	chr6:36321997-	0.723062	0.374943
LINC00841	TSS719	chr10:4440475-	0	0
AKR1C1	TSS30829	chr10:5005453-	0	1.68195
TMEM52B	TSS14465,TSS	chr12:10323197-	0	0
ANKRD50	TSS15492	chr4:125585200-	0.805771	0.285389
ADCY5	TSS26952,TSS	chr3:123001142-	0.159838	0.000997294
YY1P2	TSS3886	chr2:139654890-	0.507396	0
ARMCX2	TSS34005	chrX:10091026-	2.11545	3.17902
SNORA58	TSS2792	chr3:13119784-	0	1.64884
SLC9A5	TSS5209	chr16:67282854-	0.186952	0.235137
CCDC79	TSS10455	chr16:66788878-	0	0
BCL11B	TSS23990	chr14:99635624-	0.195917	0.227342
GABRA3	TSS12577	chrX:151335630-	0	0.0517738
RGS17	TSS10493	chr6:15333203-	0	0.0745695
LRP6	TSS31678	chr12:12268960-	0.0672783	0.257017
FRMPD3	TSS8716	chrX:106765670-	0	0
TCF7L2	TSS3017	chr10:11471000-	0.0692879	0.0773918
PDE5A	TSS10274,TSS	chr4:120415549-	0.330116	0.212356
LOC729970	TSS31375	chr1:95393583-	0.742982	0.699702
NGFR	TSS18628	chr17:47572654-	1.57633	0.456312
LINC01187	TSS3108	chr5:169618650-	0	0
MXRA7	TSS1556,TSS3	chr17:7466973-	4.06434	3.14283
SMAD5-AS1	TSS17264	chr5:135465200-	0	0.0983004
ENPP5	TSS31835	chr6:46126918-	0.484186	0.0442093
GPR137B	TSS12184	chr1:23630583-	1.53392	2.35849
TGFBFR3	TSS19699,TSS	chr1:92145899-	0.22774	0.0806952
ACTC1	TSS19398	chr15:35080290-	0.0166089	0.0155026
ABO	TSS7379	chr9:136130562-	0.737912	0.0914618
APOE	TSS24787,TSS	chr19:45409005-	0.212802	0.0989727

ZNF890P	TSS10631	chr7:5160940-1	0.593684	0.265511
FAM84B	TSS5713	chr8:12756468-	2.1027	3.91007
SPAG6	TSS9092	chr10:2263437-	0	0.0279899
PHF24	TSS14710,TSS	chr9:34957483-	0.100494	0
LINC01146	TSS23069	chr14:8849089-	0	0.146022
LINC01378	TSS27998	chr4:11834955-	0	0
TRIM72	TSS11319	chr16:3122534-	0.209992	0.0650427
HSD17B3	TSS33617	chr9:98997588-	0	0
PDC	TSS309,TSS84	chr1:18641269-	0	0
LOC101929741	TSS25819	chr4:11958524-	0	0
LINC00865	TSS31969	chr10:9158924-	0	0.203525
HGD	TSS22775	chr3:12034701-	0	0.0525432
PAGE2B	TSS9366	chrX:55101488-	0	0.189728
GPR22	TSS24465	chr7:10711050-	0.282983	0.103766
IGLL5	TSS22034	chr22:2322995-	109.533	102.404
EPN2	TSS6124	chr17:1914068-	0.463552	1.06189
DDX43	TSS14270	chr6:74104284-	1.00549	0.644437
UNC45B	TSS12337,TSS	chr17:3347483-	3.35564	5.14067
GPR34	TSS12175	chrX:41548225-	0.544194	0.348281
ASAH2	TSS11177	chr10:5194699-	0	0.628689
NRIP3	TSS7732	chr11:9002122-	0.572357	0.248078
SOCS2	TSS18330,TSS	chr12:9396359-	0.211241	0.190805
FBXL2	TSS26727,TSS	chr3:33318933-	0.650865	0.184341
ZFAT	TSS21545,TSS	chr8:13549003-	1.217	6.06738
JUP	TSS4408	chr17:3991085-	8.64222	4.07641
PVRL3	TSS14069,TSS	chr3:11079060-	0.00799055	0.0254866
LOC101928476	TSS18837	chr1:10613231-	0	0.0662612
GOLGA8O	TSS29036	chr15:3273411-	0.500934	0.363582
LOC100126784	TSS5213	chr11:1973247-	0	0.0090336
SLC45A1	TSS1705	chr1:8378144-	0	0.0547018
ASB2	TSS11860,TSS	chr14:9440049-	0.193204	0.149583
LOC101927131	TSS6591	chr16:1155911-	0	0.0458468
GALNT8	TSS30100	chr12:4829751-	0.254167	0.13121
ITPKA	TSS27018	chr15:4178605-	0	0
WNT1	TSS12090	chr12:4937223-	0	0.0304923
TBC1D28	TSS25439	chr17:1853884-	0	0
GADD45B	TSS14685	chr19:2476122-	33.0836	68.4781
CDHR1	TSS32339	chr10:8595439-	0.100863	0.0195117
LECT1	TSS32157	chr13:5327739-	0	0
FAM166B	TSS9804	chr9:35561826-	0	0
SHC2	TSS1740	chr19:416582-	0.0908767	0
ABTB1	TSS30977	chr3:12739178-	20.9042	6.58733
RALB	TSS587	chr2:12101041-	14.054	10.4197
NUPR1	TSS21889	chr16:2854866-	0	0
LOC151174	TSS19053	chr2:23913375-	1.96497	1.15285
WTAPP1	TSS8036	chr11:1026544-	0.120147	0.0260794
ITIH6	TSS14575	chrX:54775331-	0	0
TPTEP1	TSS32571	chr22:1708280-	0	0.00852191
CRACR2B	TSS19601	chr11:828259-	1.83875	0.366866
ARRB1	TSS29679	chr11:7497116-	0.779162	0.303639
BTBD11	TSS19639,TSS	chr12:1077121-	0	0.0432022
NRXN2	TSS14413,TSS	chr11:6437364-	0.302459	0.722942
KRT8	TSS12688,TSS	chr12:5329097-	0.0246386	0
LINC00861	TSS28633	chr8:12693476-	0.371106	0.268454
THRB	TSS30052	chr3:24158644-	0.190199	0.0178364

SLG22A14	TSS25818	chr3:38347444-	0	0
DST	TSS11148,TSS	chr6:56322784-	0.0101234	0.0398086
ALS2CR11	TSS28519	chr2:20235214-	0.0150545	0.0524237
LOC101927708	TSS8108	chr11:3529209-	0	0.126807
ALKBH3-AS1	TSS13029	chr11:4393083-	0.331558	0
FAAH2	TSS25504	chrX:57313109-	0.180736	0.239104
KCTD4	TSS3705	chr13:4576698-	0	0.0496072
MCCD1	TSS13745	chr6:31496738-	0	0.477247
GRB14	TSS11983,TSS	chr2:16534891-	0.00398101	0.209371
GPR85	TSS11967,TSS	chr7:11272046-	0	0.0277015
DBIL5P2	TSS14098	chr2:63344985-	0.109322	0.0211697
GOLGA6L7P	TSS12554	chr15:2909010-	0	0
PGF	TSS9330	chr14:7540853-	0.0247889	0.422474
CACNA1F	TSS2468	chrX:49061522-	0.163352	0.0847834
ASAH2B	TSS10698	chr10:5249968-	0	3.17645
ARHGAP39	TSS20298,TSS	chr8:14575456-	0	0.136162
TCTEX1D4	TSS22655	chr1:45271581-	0.0756969	0.0586638
LOC101928514	TSS11507	chr17:7479512-	0.0857198	0.0552959
DCBLD2	TSS26779	chr3:98514813-	0.274393	0.247356
ITGA5	TSS3612	chr12:5478904-	5.06634	1.55814
CA7	TSS4180,TSS6	chr16:6687828-	0	0
AKR1C6P	TSS21540	chr10:4913858-	0	0
LOC400685	TSS15599	chr19:3530705-	0.501154	0.320589
FADS1	TSS26238	chr11:6156709-	0	3.40856
SV2A	TSS22325,TSS	chr1:14987487-	0.696948	0.0911689
LPAR6	TSS10989,TSS	chr13:4898518-	0.836269	0.38389
EFCAB14-AS1	TSS28410	chr1:47139707-	0	0
ATCAY	TSS30472	chr19:3880617-	0.128443	0
WFDC3	TSS11549	chr20:4440284-	0	0
DNM3OS	TSS16694	chr1:17210601-	0	0.0538386
GNAL	TSS13157,TSS	chr18:1168901-	0.558301	0.395877
SLG25A37	TSS18558	chr8:23386362-	3.87843	8.89724
LGALS3BP	TSS29725	chr17:7696733-	0.139412	0.385527
ZBTB38	TSS14506	chr3:14104305-	8.39281	5.08375
CD3E	TSS25524	chr11:1181752-	2.29126	1.12742
GGT8P	TSS5503	chr2:91963367-	0	0
FAM83F	TSS7260	chr22:4039095-	0	0.11867
SNORA10	TSS27228	chr16:2012334-	159.045	18.6654
LOC101930010	TSS14072	chr6:56708783-	0	0
NT5E	TSS3183	chr6:86159301-	6.35752	3.59902
DKFZp779M061	TSS23431	chr11:4579298-	0	0
GSN	TSS16538,TSS	chr9:12403037-	18.1724	4.8406
KCNJ10	TSS27660	chr1:16000725-	0.486782	0.0565052
ADGRL3-AS1	TSS12621	chr4:62937472-	0.00813982	0
LOC100287010	TSS14631	chr2:10499530-	0	0
TCONS_000291	TSS24660	chr21:4477793-	0.27557	0
CERS3-AS1	TSS21296	chr15:1009131-	0	0.141811
SEMA3G	TSS592	chr3:52467267-	0	0.0213538
TLX1	TSS25736	chr10:1028910-	0	0.0609914
ARHGAP6	TSS23665,TSS	chrX:11155662-	1.52157	0.39458
FRAS1	TSS2416	chr4:78978723-	0.0026976	0.0023244
NPAS1	TSS23743	chr19:4752414-	0.737666	0.206473
TSPYL5	TSS17400	chr8:98285713-	0.960773	3.16201
NGEF	TSS12798,TSS	chr2:23374339-	0	0.00356537
SH2D4A	TSS10575,TSS	chr8:19171080-	0	1.61245

SGCE	TSS4894	chr7:94214535-	1.4188	0.29767
C2	TSS10861,TSS	chr6:31865561-	0.465767	0.153544
VHLL	TSS8	chr1:156268414	0.0491888	0.228849
JCHAIN	TSS27549	chr4:71521257-	172.753	107.376
LOC101928438	TSS19432	chr9:102348067	0	0.0156314
BOD1L2	TSS18059	chr18:54814292	0.0393295	0
WDR78	TSS6130	chr1:67278571-	0.12472	0.0608165
PGM5P3-AS1	TSS7244	chr9:72689-888	0.0694968	0.802473
CXCR5	TSS21985,TSS	chr11:11875447	37.3524	9.57415
LINC01588	TSS19132,TSS	chr14:50448386	1.78128	1.40443
HOOK1	TSS9257	chr1:60280532-	2.81376	1.62736
MSC-AS1	TSS13033,TSS	chr8:72755357-	0	0.207543
LINC00612	TSS20977	chr12:9208184-	0	0.0473962
ADARB2	TSS23871	chr10:1223252-	0.0555329	0.0438023
FAM90A2P	TSS10597	chr8:12030962-	0	0.138002
LINC00337	TSS25474	chr1:6296299-6	0	0
RAB40B	TSS4388	chr17:80614942	0.706879	0.506951
GPR75-ASB3	TSS25928	chr2:53897449-	4.11438	0.269484
COL4A4	TSS27755	chr2:227867426	2.81278	0.783205
GPR153	TSS8730	chr1:6307405-6	0.0106491	0.00824189
CYP2C8	TSS20352	chr10:96796528	0	0.632978
MEF2C-AS1	TSS13572,TSS	chr5:88179146-	0.878016	0.840753
NEK6	TSS12930,TSS	chr9:127019884	8.73962	16.4048
CREG2	TSS12899	chr2:101964815	0	0.0485831
DPPA4	TSS24594	chr3:109044987	0	0.572373
SLC35G6	TSS26421	chr17:7384720-	0	0.16756
EPGN	TSS29678	chr4:75174186-	0	0.141241
PHGDH	TSS8483	chr1:120254418	19.9164	28.3256
CATIP-AS1	TSS30099	chr2:219231387	0	0.340532
PACSIN3	TSS25082,TSS	chr11:47199072	0	2.1912
MAP1LC3A	TSS17003,TSS	chr20:33134687	4.71463	1.56496
TMEM14A	TSS31298	chr6:52535883-	3.78754	5.72122
FAM171A2	TSS20774	chr17:42431106	0.101386	0.176607
IRS2	TSS12046	chr13:11040618	5.68865	2.4087
HPCA	TSS24186	chr1:33352097-	0	0.0390922
LINC00870	TSS20331	chr3:72200407-	0	0.0254819
CCDC141	TSS5649	chr2:179694486	0.148912	0.144022
MEGF6	TSS32717	chr1:3404505-3	1.74874	0.754201
TBC1D3K	TSS28208	chr17:36337710	1.86E-05	0.15248
HDAC11-AS1	TSS24732	chr3:13518487-	0	0.283762
FJX1	TSS24769	chr11:35639734	0	1.84417
HHIPL1	TSS5266	chr14:10011147	0.32204	0.0467548
ZBED3-AS1	TSS7634	chr5:76382622-	0	0.0331275
OR2A9P	TSS28556	chr7:143996616	9.50E-06	0.254586
ST8SIA6	TSS17239	chr10:17362675	0	0.00702616
LOC100505658	TSS12520	chr5:140937877	0.631601	0.0419149
FGFR4	TSS16280,TSS	chr5:176513872	0.773443	0.647639
ZNF215	TSS30768	chr11:6947653-	0.0238843	0.730219
PCDHGB2	TSS26620	chr5:140739702	0.789983	0.341381
LOC102724323	TSS32814	chr10:45940015	2.23613	1.63307
ITGA11	TSS3699	chr15:68594047	0.0602742	0
ZNF662	TSS22837,TSS	chr3:42947401-	0	0.0421559
DOC2GP	TSS6561	chr11:67380994	0	0
HHEX	TSS2981	chr10:94449680	38.4333	18.3787
LDLRAD4	TSS10360,TSS	chr18:13218728	1.97058	4.11736

HKDC1	TSS1229	chr10:70980058	0.130208	0.0641333
RPL29P2	TSS28397	chr17:7657637-	0.05929	0.123013
P2RY1	TSS13167	chr3:152552735	0.141749	0.186535
SMIM3	TSS1572	chr5:15015750-	0.230834	1.44473
MRC2	TSS2808	chr17:6070476-	0.0787347	0.0166164
PAGE2	TSS18566	chrX:55115484-	0	0
FAM212B	TSS11986,TSS	chr1:112264685	1.4557	1.72612
C17orf98	TSS17690	chr17:36991340	0	0
TMEM63C	TSS31731	chr14:7764810-	0	0.0246528
FLJ22447	TSS1607	chr14:6203725-	0	0
EBF4	TSS26644	chr20:2673523-	0.364616	0.176412
FUT5	TSS15991	chr19:5865836-	0	0
ESR1	TSS10653,TSS	chr6:152011630	0	0.12599
CCR3	TSS13841	chr3:46283871-	0.32267	0
CALR3	TSS14186	chr19:1658986-	0.444499	0.258349
JAKMIP2-AS1	TSS26128	chr5:146939550	0	0
ERBB3	TSS12581,TSS	chr12:56473808	0.290884	0.296491
BCL7A	TSS26702	chr12:12245979	4.82488	9.98908
LOC101928174	TSS28262	chr15:35047284	0	0.0120227
ZNF695	TSS18811	chr1:247108848	0.369241	0.0301583
STAT5A	TSS18547,TSS	chr17:40439564	14.7234	15.8873
ZNF99	TSS33310	chr19:22934984	0.0864814	0.035549
LOC730101	TSS26134	chr6:52529198-	0.576312	0.0285803
PAPPA	TSS6746	chr9:118916070	0	0.0226466
PDGFD	TSS26931	chr11:1037779-	0.10946	0.0191913
MAFF	TSS17075,TSS	chr22:38597938	2.16869	1.09845
SIPA1L2	TSS2938	chr1:23253371-	0.219321	0.102082
PKIA	TSS18970	chr8:79428335-	0.893919	0.86386
MSC	TSS16049	chr8:72753776-	1.87363	2.9783
EVPL	TSS32163	chr17:74002920	0	0
C4orf36	TSS20868	chr4:87797357-	0	0
ZNF559-ZNF1	TSS12384,TSS	chr19:9434901-	3.12E-07	8.53E-23
LINC01322	TSS19844	chr3:16492474-	0	0
KCND3	TSS27885	chr1:112318450	0.0970752	0.0718869
FOXE3	TSS10239	chr1:47881743-	0	0
SEMA6A	TSS8628	chr5:115779250	0.452341	0.777042
TIAM1	TSS27526	chr21:32490735	0.0889514	0.0235984
LINC01160	TSS27828	chr1:112141628	0	0.594301
TMEM59L	TSS7007	chr19:1872368-	0	0.022235
NBPF13P	TSS18169	chr1:146571065	0	0.00253008
RFX4	TSS10153,TSS	chr12:10697668	0.0110002	0.0804462
KCNA5	TSS16598	chr12:5153084-	0	0
ADAM32	TSS28452	chr8:38965049-	0	0.02078
LOC100505622	TSS15869	chr19:42636780	1.92919	2.93402
LMP-2B_1	-	chrEBV(Akata_	0	0.375791
OR2A20P	TSS3597	chr7:143996465	0.191814	0.114407
CNFN	TSS1636	chr19:42891170	1.84288	1.25459
LOC641746	TSS11290	chr7:64042987-	0	0.0149074
KIF17	TSS10847	chr1:20990506-	0	0
ATG16L2	TSS10423	chr11:72525450	9.41986	8.56708
LOC101929762	TSS31805	chr4:12011392-	0	0.0739526
C1orf186	TSS21202	chr1:20623887-	3.16407	3.66377
TRABD2A	TSS19544	chr2:85048790-	1.43735	1.22748
PRF1	TSS16486	chr10:72357100	1.06839	0.234358
ST6GALNAC3	TSS22385	chr1:76540388-	3.08481	2.66773



HCG27	TSS5060	chr6:31165536-	3.70363	0.363785
ADCY6	TSS22710,TSS	chr12:4915997-	0	0.0112993
WWTR1	TSS10315,TSS	chr3:14923502-	0.433386	0.0913278
TNS2	TSS17502,TSS	chr12:5344080-	0.156735	0.114774
LOC100129083	TSS30159	chr19:5191915-	0.584369	2.13E-181
GALNT16	TSS11460	chr14:6972668-	0	0
WDR31	TSS22788	chr9:11607793-	0	0.40034
LOC100129055	TSS19812	chr10:3846459-	0.00133203	0
PC	TSS1228,TSS5	chr11:6661599-	0.164907	0.370016
LOC101929512	TSS20351	chr2:16207976-	0	0.0794823
FAM90A1	TSS22118	chr12:8373855-	0.0532386	0.0612826
FAM43A	TSS3029	chr3:19440662-	9.98118	4.89799
ADAMTSL3	TSS7254	chr15:8432283-	0	0.0090516
KMO	TSS31152	chr1:24169543-	1.93595	5.66552
LOC91450	TSS996	chr15:7828557-	0	0.0391127
DKFZP434L187	TSS2665	chr15:3048823-	0.0109217	0.0226117
LOC440461	TSS10522	chr17:6619480-	1.63776	0.253364
CYP2C18	TSS23181	chr10:9644325-	0	0.058654
PRSS30P	TSS31500	chr16:2889573-	0	0.0807937
USP12-AS2	TSS765	chr13:2774639-	0	0
SCD	TSS31192	chr10:1021067-	1.03974	12.2763
ZNF33BP1	TSS3016	chr10:3808286-	0	0.0904635
CSF2RB	TSS12062	chr22:3730967-	6.75863	5.15113
PEG3	TSS14894,TSS	chr19:5732144-	0.0660625	0.0335217
MIR31HG	TSS28002	chr9:21454266-	0	0.0661325
LOC101927701	TSS1682	chr2:68023185-	0	0.0836015
CDKL4	TSS8991	chr2:39405687-	0	0
NFASC	TSS4647,TSS5	chr1:20479778-	0.10755	0.0197982
CAPN13	TSS20272	chr2:30945637-	0.0165818	0.0493472
LINC00525	TSS16427	chr7:47801073-	0	0.126532
IGFL4	TSS19208	chr19:4654300-	0	0.159356
LMAN1L	TSS21620	chr15:7510519-	0.159386	0.18518
LOC100303745	TSS13981	chr5:65240632-	0	0.912862
TLCD1	TSS14114,TSS	chr17:2705136-	0.346654	9.16001
BAMBI	TSS7863	chr10:2896642-	2.73043	0.352482
MPV17L	TSS20041	chr16:1548961-	0.140887	0.0623361
LOC101929555	TSS27350	chr6:40846624-	0	0
FAM182B	TSS17065,TSS	chr20:2574410-	0.168085	0.120267
LRP4-AS1	TSS32892	chr11:4686796-	0	0
ANGPT4	TSS7209	chr20:853296-	0	0
RHPN1-AS1	TSS10709	chr8:14444879-	0	0.139887
AMIGO2	TSS8831	chr12:4746948-	1.42758	0.708662
TLX2	TSS30705	chr2:74741595-	0	0
ITGB2-AS1	TSS6067	chr21:4634094-	0.159557	0.617721
SSBP2	TSS12379	chr5:80713178-	4.88545	2.85241
SNORA59A	TSS3273	chr1:12567299-	0	0
MGST3	TSS1221	chr1:16560010-	5.79951	4.40934
DLEC1	TSS274	chr3:38080695-	0.00391303	0.101019
IQUB	TSS2798,TSS7	chr7:12309223-	0	0.0582288
TM4SF4	TSS20646	chr3:14919236-	0	0
DOCK6	TSS5939	chr19:1130996-	0.662233	0.796266
TEX29	TSS16684,TSS	chr13:1119685-	0	0.285603
TMCC3	TSS13359,TSS	chr12:9496089-	1.6867	1.19221
TG	TSS27325	chr8:13387920-	0.005032	0.0973369
OSM	TSS1615	chr22:3065881-	0	0.804157

IRAIN	TSS23610	chr15:99189094	0.008646	0.121716
CDO1	TSS19232	chr5:115140429	0	0.0223119
PCOLCE-AS1	TSS2873	chr7:100187026	0.0175816	0
LHX1	TSS516	chr17:35294771	0.0127725	0.128523
NMNAT2	TSS1128,TSS2	chr1:183217371	0	0.0366541
SLC36A2	TSS15603	chr5:150694538	0.00640588	0
LOC100499194	TSS18511	chr2:114735249	0.290955	0
CKAP4	TSS29979	chr12:10663169	6.1319	5.87153
C17orf58	TSS23209	chr17:65987214	0.26544	3.29749
SOX15	TSS11703	chr17:74914971	0.543426	0.0789498
IGF2BP3	TSS9940	chr7:233498271	0.584846	0.476889
FAAHP1	TSS17490	chr1:468994981	0	0
KCNN3	TSS28674,TSS	chr1:154669941	0.17397	0.142392
IQGAP3	TSS6758	chr1:156495196	0	0.169952
FAM24A	TSS8221	chr10:12467021	0	0
STAB2	TSS4157	chr12:10398106	0	0
TBC1D8B	TSS4344	chrX:106045918	0.613104	0.331088
BCL2L15	TSS4909	chr1:114419439	0.390379	0.28868
CYSTM1	TSS17651	chr5:139554652	9.10156	35.647
FOCAD-AS1	TSS2748	chr9:206833001	0	0
LOC100132304	TSS19459	chrX:720016881	0	0
IFI44	TSS20680	chr1:791154761	2.59326	3.89303
LARGE	TSS16584	chr22:33669061	3.48563	2.25892
OR2L2	TSS4207	chr1:248201476	0	0.100206
LOC101927354	TSS23745	chr7:72947841	0.420683	0
LINC00462	TSS3736	chr13:49151109	0	0
OTX1	TSS24791,TSS	chr2:632771911	0	0.048003
PCDHB10	TSS19789	chr5:140571951	0	0
ATF5	TSS13830,TSS	chr19:50431958	12.3808	19.0767
SCARNA6	TSS6850	chr2:234197321	7.04418	0.615397
COX6B2	TSS15062	chr19:55861069	0	0
COL5A3	TSS33171	chr19:10070236	0	0.0281975
NCKAP1	TSS20211	chr2:183789578	0.397048	0.0667813
FAM124B	TSS875	chr2:225243414	0.289731	0.0132977
DEFB109P1B	TSS11032	chr8:71703671	0	0.188054
GRM3	TSS32745	chr7:862732291	0	0.0551834
MFSD6L	TSS15373	chr17:87004271	0	0
GRAMD1B	TSS18062,TSS	chr11:12339634	0.251205	0.0755891
POTEB2	TSS5873	chr15:21040706	0	0.00703519
LOC101927851	TSS11008	chr1:235093089	0	0
PINLYP	TSS13331,TSS	chr19:44080951	2.34549	1.50646
CAPN14	TSS2391	chr2:313959211	0.912514	0.0264852
LOC100507406	TSS5750	chr6:138051306	0	0.602705
TTC39C-AS1	TSS13095	chr18:21574178	0	0
SVOP	TSS29211	chr12:10930196	0	0
HS3ST1	TSS5122	chr4:113999871	0.510012	0.628357
LINC00597	TSS6150	chr15:77516249	0.0626706	0.169936
MRPL23-AS1	TSS735	chr11:20044381	0	0.18584
STAC3	TSS14233	chr12:57637231	1.86573	1.04157
ADGRA2	TSS23417	chr8:376544001	0.284259	0.0274957
PXDN	TSS6399	chr2:16356581	0.0499183	0
CXADR	TSS5787	chr21:18885226	0	0.287861
MEF2B	TSS13883	chr19:19256379	3.14208	2.42228
NIPAL1	TSS11128	chr4:480187901	0	0.0957302
LINC01260	TSS16086	chr20:43285091	0	0

C7orf57	TSS28079	chr7:48075107-	0	0.188935
ANKRD62	TSS29737	chr18:1209384-	0	0.0141329
ZC2HC1A	TSS2624	chr8:79578281-	5.33235	1.75951
GRB7	TSS1718,TSS3	chr17:3789416-	0.537149	0.166377
ASAP2	TSS27034	chr2:9346893-	0	0.194039
LOC10192693E	TSS28148	chr20:2582530-	0.0227276	0.142848
GPR68	TSS29268,TSS	chr14:9169887-	1.55913	0.53644
LOC10012931E	TSS10962	chr9:93825575-	0	0
MITF	TSS15117,TSS	chr3:69788585-	0	0.039166
CASKIN1	TSS10930	chr16:2227183-	0.0263824	0.021279
SNORA2A	TSS23326	chr12:4905043-	0	0
RAB36	TSS8843	chr22:2348751-	0.330786	0.247195
E2F5	TSS29698,TSS	chr8:86089618-	14.1904	13.344
TGFB2-OT1	TSS20119	chr1:21861596-	0	0.128769
QPRT	TSS31482	chr16:2969044-	0.210337	0.279336
ANKRD30BP3	TSS26756	chr10:4565010-	0	0.00938474
C14orf79	TSS3721	chr14:1054526-	0.217719	0.936757
DEFB109P1B	TSS29034	chr8:7847936-	0	0.20658
CTSLP2	TSS5564	chr10:4815594-	0	0.823596
LOC10050668E	TSS27016	chr5:987291-9-	0	0.0196474
SUSD5	TSS31108	chr3:33191536-	0.18959	0
ZFR2	TSS10390	chr19:3804021-	1.02071	0.244888
SIGLEC8	TSS4504	chr19:5195425-	0	0
HORMAD1	TSS1893	chr1:15067053-	0	0
TSPAN12	TSS33446	chr7:12042737-	0.382601	0.605891
MYLK	TSS20408,TSS	chr3:12333114-	1.84E-117	0.362283
SIGLEC10	TSS25393	chr19:5191327-	4.15295	3.42794
LOC10013163E	TSS31627	chr3:18742015-	0	0
IGSF9	TSS3167	chr1:15989682-	0	0.0758368
PTPRB	TSS22533,TSS	chr12:7091063-	0.183519	0.10728
GYG1	TSS11567	chr3:14870919-	8.05657	18.7088
ANKRD30BL	TSS32410,TSS	chr2:13290516-	239.499	52.6948
FGD6	TSS11940	chr12:9547052-	0.655992	0.50463
OXER1	TSS21806	chr2:42989638-	0.705108	0.404544
XKR6	TSS28984	chr8:10753656-	0.731409	0.623015
ATP1B2	TSS16051,TSS	chr17:7549944-	0.0389499	0.187016
CELA1	TSS12805	chr12:5172222-	0	0
MYH10	TSS1448	chr17:8377522-	0.311222	0.749698
LOC101927571	TSS33013	chr18:2030345-	0	1.06781
SLC14A1	TSS10485,TSS	chr18:4330408-	0.169371	0
FOXD4L6	TSS29667	chr9:69199479-	0.521649	0.159903
EHHADH	TSS1022	chr3:18490841-	0.350908	0.213408
GATA3-AS1	TSS2168,TSS3	chr10:8092412-	0.092276	0
GNA14	TSS17847	chr9:80037994-	0	0.00462914
KIAA1324	TSS19943,TSS	chr1:10965658-	0.859893	0.180952
LOC10192848E	TSS12445	chr6:74403625-	0	0.0536205
AK4	TSS17439,TSS	chr1:65613231-	0.142633	0.548418
TMC7	TSS11035,TSS	chr16:1899525-	0.210786	0.0177867
CYR61	TSS16543	chr1:86046443-	0	0
FMNL2	TSS17974	chr2:15319175-	1.48794	1.85463
DTX4	TSS11279,TSS	chr11:5893890-	3.42708	12.1035
SPOCK2	TSS21429,TSS	chr10:7381879-	33.7999	8.68637
P2RX5	TSS1570	chr17:3576521-	5.72481	19.2781
LOC729080	TSS6924	chr5:14127519-	0	0.0697568
SEMA4A	TSS13447,TSS	chr1:15611973-	0.601013	1.59658

HRASLS2	TSS30244	chr11:6332024-	0	0.449799
RNF152	TSS11627	chr18:5948230-	0.0169639	0
QRFP	TSS26589	chr9:13376881-	0	0.264571
AK7	TSS15990	chr14:9685844-	0	0.185399
OR2A9P	TSS23635	chr7:14394756-	2.29E-07	0.164418
CD200R1	TSS8958	chr3:11264153-	0	0.275997
FLT4	TSS19633	chr5:18002850-	0	0
CACNA1C-AS	TSS24356	chr12:2785166-	0	0.150651
LOC105378732	TSS8385	chr1:53793904-	0	0.0808744
TRIM54	TSS2460	chr2:27505296-	0	0.164412
CRNDE	TSS11629,TSS	chr16:5495277-	0.938003	0.42983
SPACA4	TSS9314	chr19:4910999-	1.81135	0
RAB26	TSS266,TSS54	chr16:2198144-	0	0.332374
HCRTR1	TSS24778	chr1:32083300-	0	0
EN2	TSS30876	chr7:15525082-	0	0.0616462
ABHD11-AS1	TSS30060	chr7:73149398-	0	0
CCDC152	TSS28356	chr5:42756919-	0.551849	1.64063
LOC101928940	TSS15618	chr11:1142313-	0.113784	0.0440335
SLA	TSS28712,TSS	chr8:13404897-	4.32871	4.90516
SLCO4A1-AS1	TSS12522	chr20:6129437-	0.630428	0.143853
LOC102723968	TSS3162	chr13:6440297-	0	0
C6orf229	TSS25485	chr6:24797548-	0.955328	0.790716
SIGLEC6	TSS14276	chr19:5202278-	0.671915	0.181433
PKHD1L1	TSS34029	chr8:11037470-	0.273963	0.102484
SMIM5	TSS20577,TSS	chr17:7362951-	0.845003	0.0694231
TBC1D8	TSS26961	chr2:10162368-	1.38272	1.97855
TNFSF8	TSS32489	chr9:11765562-	1.64861	0.0624655
LOC283710	TSS16988	chr15:3151497-	0	0.410813
LOC728739	TSS6478	chr12:1082969-	0.0609881	0.0236957
LOC102724297	TSS27973	chr3:46406150-	0	0.164846
HACD1	TSS11273	chr10:1763195-	0	0.0566546
LINC01104	TSS25249	chr2:10082471-	0	0.0875726
GALNT12	TSS19320	chr9:10156998-	0	0.0659779
TPST1	TSS10349	chr7:65670258-	1.23897	0.839517
PYROXD2	TSS3166	chr10:1001433-	0.219614	0.255098
PLCXD2-AS1	TSS1058	chr3:11139511-	0	0.122075
KIF5A	TSS3899	chr12:5794384-	0	0.0014418
PIK3R3	TSS10305,TSS	chr1:46505811-	0.163224	1.05527
TAS2R13	TSS26613	chr12:1106052-	0	0.219625
PIANP	TSS11139,TSS	chr12:6802956-	0.291744	0.234735
SGK1	TSS10891,TSS	chr6:13449038-	7.21381	5.17761
A2M-AS1	TSS19734	chr12:9217772-	0	0.0159787
ALX4	TSS20756	chr11:4428227-	0.0865491	0.0377502
CLCF1	TSS10595,TSS	chr11:6713163-	8.31125	11.3721
PPP1R26-AS1	TSS20857	chr9:13835456-	0.166147	0
TNFRSF10D	TSS27767	chr8:22993100-	5.49103	7.1913
C16orf74	TSS10546	chr16:8574112-	15.8069	15.3159
UPP2	TSS24284,TSS	chr2:15885169-	0	0.00179945
OR7E14P	TSS31478	chr11:1707343-	0	0.260473
RNF207	TSS27461	chr1:6266188-	0.40551	0.0593773
BARF1_1	-	chrEBV(Akata_	0	0.120201
ALDH3A1	TSS24607,TSS	chr17:1964129-	0	0.200933
KCNH3	TSS31069	chr12:4993293-	0	0.0525247
ZBPB	TSS25741	chr7:49977023-	0	0
RIPK4	TSS4358	chr21:4315952-	0	0.121929

LOC10192810C	TSS8755	chr12:10516367	0.318304	0.133305
SPINT1	TSS18303,TSS	chr15:41136245	2.92659	2.15605
NPL	TSS13693	chr1:182758585	1.50005	0.954555
CHST6	TSS25095	chr16:75507027	0.0124127	0.024012
RPP25	TSS834	chr15:75247442	1.48187	3.48684
CD200R1L	TSS26426	chr3:112534555	0	0.0285987
LOC100132741	TSS27563	chrX:709170457	0	0.25187
SRRM4	TSS18535	chr12:11941929	0.0301048	0
UGT8	TSS16797,TSS	chr4:115519610	2.20691	3.63286
ANKRD35	TSS26847	chr1:145549208	0	0.0156359
BACH1-IT2	TSS9002	chr21:30744820	0	0.559916
LACAT8	TSS22025	chr12:13147517	0	0
NCR3LG1	TSS31833	chr11:17373308	0.254927	1.09014
ACSBG1	TSS10719	chr15:78463186	0	0.069098
GNAO1	TSS7715	chr16:56225250	0.524641	0.397991
ECHDC3	TSS31048	chr10:11784355	0.868883	5.68833
COL28A1	TSS5587	chr7:73982437	0.0224138	0.0240515
ADH6	TSS21415	chr4:100123792	0	0
HIST1H1B	TSS11359	chr6:27834569	0.534831	0
FRMPD2	TSS19862,TSS	chr10:49364607	0.000536501	0.0143427
GPRASP1	TSS6963,TSS9	chrX:101906295	2.3397	0.779475
PDLIM1	TSS6673	chr10:96997322	33.7233	69.2471
RAET1G	TSS1672	chr6:150238015	0	0
SNORA38B	TSS31176	chr17:65736785	0	0
SRC	TSS11665,TSS	chr20:35973087	3.85568	10.6943
ANKRD45	TSS27385	chr1:173577472	0	0
DMRTC1B	TSS30815	chrX:720648757	0.625216	0.153486
PRSS16	TSS27912	chr6:27215501	0.0309025	0.0717684
NPDC1	TSS15711	chr9:139933908	0	0.3084
LOC102724927	TSS28043	chr16:39976257	0	0.0533294
ADRB1	TSS8326	chr10:11580380	0	0.0598736
C19orf57	TSS12591	chr19:13993167	0	0.229205
GCSAM	TSS25009	chr3:111839687	1.00085	11.1086
CACNA2D2	TSS4663,TSS5	chr3:504000437	0.0551284	0.0284409
RGMB-AS1	TSS14300	chr5:981053217	0	0.13861
GIMAP8	TSS22439	chr7:150147717	0.404467	0.46554
SP6	TSS18645,TSS	chr17:45922279	0	0.0889322
IL18	TSS14410	chr11:11201397	0.559555	0.13344
LOC101927257	TSS29099	chr22:40917805	1.22801	0.219468
PLVAP	TSS27671	chr19:17462256	0	0
NECAB1	TSS28130	chr8:91803920	0.541914	0.29622
LOC101927950	TSS28892	chr6:56652197	0	0.253707
CR2	TSS9471	chr1:207627642	4.74879	56.2561
MREG	TSS26183	chr2:216807315	2.17614	3.95165
ACER1	TSS13149	chr19:63065097	0	0.0116909
GUCY1A3	TSS15656,TSS	chr4:156587867	0.111582	0.943238
LINC00242	TSS177	chr6:170188885	0	0.0716902
AKR1B15	TSS5319	chr7:134233848	0	0
DDX60L	TSS20764	chr4:169277885	4.21276	2.08451
CRYBG3	TSS32901	chr3:975408837	1.88279	1.05475
TLE2	TSS28950,TSS	chr19:29976357	0.509166	0.259429
LIPK	TSS29041	chr10:90484300	0.141184	0.0781629
LINC01189	TSS9726	chr9:467637907	0.381057	0
C11orf45	TSS1302,TSS1	chr11:12876945	0	0
NIM1K	TSS24338,TSS	chr5:431921697	0.368044	0.0980988

PPP1R1B	TSS2071,TSS2	chr17:37783176	0	0
C10orf32-ASM	TSS183	chr10:10461396	1.32E-05	0.249854
LINC01581	TSS24177	chr15:94448636	0	0
CATSPERB	TSS12795	chr14:92047116	0	0
LOC102723854	TSS16979	chr2:43254991-	0	0
GJA9	TSS1507	chr1:39339738-	0	0.134794
AGBL1	TSS9510	chr15:8668524-	0.0200552	0
ADORA2B	TSS25598	chr17:15848230	0.630797	0.300635
TPM1	TSS17273,TSS	chr15:6333483-	1.62604	1.3146
POU5F1	TSS25159,TSS	chr6:31132113-	0.332074	0.137092
CD79B	TSS6990	chr17:6200609-	320.618	381.764
SHD	TSS16006	chr19:4278597-	0	0
PLXND1	TSS6985	chr3:12927405-	3.34902	0.810114
IL17F	TSS19995	chr6:52101483-	0	0
GABRB1	TSS21808	chr4:47033294-	0	0
ARHGEF37	TSS17848	chr5:14896113-	0	0.0755465
MYCBPAP	TSS11584	chr17:4858574-	0	0.0213498
AS3MT	TSS29313	chr10:10462920	1.61374	0.311157
MGAT4D	TSS10476	chr4:14136452-	0	0
LOC400958	TSS22222	chr2:65128973-	0.640908	1.01481
MX2	TSS22401	chr21:4273394-	3.47648	17.6362
MYOM2	TSS26189	chr8:1993157-	0.335675	0.319719
SNORA74A	TSS23480	chr5:13861446-	1.66634	1.98137
KCNG2	TSS605	chr18:7762366-	0	0.287839
HIST1H4A	TSS1376	chr6:26021906-	7.02987	0.156919
GPR183	TSS172	chr13:9994678-	37.172	259.176
ARL13A	TSS28123	chrX:10022469-	0	0
PALLD	TSS20127,TSS	chr4:16941821-	0.283807	0.38672
MARVELD1	TSS23348	chr10:9947346-	0	0.462501
SPEF1	TSS1658	chr20:3758150-	0	0
BCORP1	TSS17790	chrY:21617316-	0.164529	0.0685726
DNAH17-AS1	TSS33552	chr17:7648099-	0	0.0841165
NAP1L2	TSS1163	chrX:72432136-	1.36818	0.327503
NDST4	TSS30678	chr4:11574892-	0	0
GSTM3	TSS20006	chr1:11027655-	0.644036	3.88398
GNB4	TSS17901	chr3:17911387-	6.51947	6.53273
TMEM151B	TSS7444	chr6:44238479-	0.0655534	0
LYPD3	TSS13074	chr19:4396494-	0	0.0419539
GATA3	TSS15396	chr10:8096666-	0.114943	0.556105
LINC00346	TSS129	chr13:1115163-	0	0
LGALS9	TSS28612	chr17:2595817-	22.6997	33.5996
SLC26A2	TSS29407	chr5:14934029-	2.05628	2.65583
UST	TSS6235	chr6:14906827-	2.65508	34.2075
RP1L1	TSS33972	chr8:10463859-	0	0
DPY19L2P3	TSS11816	chr7:29724769-	0.0184012	0.19997
MIIP	TSS28141	chr1:12079298-	9.43799	14.2641
ATXN3L	TSS5158	chrX:13336767-	0	0
KDELC1	TSS12199	chr13:1034366-	0	0.166381
LOC338963	TSS21001	chr15:8337922-	0	0.166636
BARHL1	TSS24964	chr9:13545799-	0	0
ENAM	TSS2960	chr4:71494460-	0.878232	0.216772
GFRA1	TSS22324,TSS	chr10:1178164-	0	0.0240342
JDP2	TSS13246,TSS	chr14:7589450-	2.91428	0.795483
TAGLN3	TSS18564,TSS	chr3:11171758-	0	0
PRLR	TSS24699,TSS	chr5:35048860-	0.0650716	8.92E-05

KLRC2	TSS14059	chr12:10583205	0	0
DKK3	TSS10197,TSS	chr11:11984545	0	0.0937002
MAPK13	TSS14042	chr6:36098260-	2.15868	1.88258
ST8SIA1	TSS566	chr12:22346324	0.0574344	0.00455495
CKLF-CMTM1	TSS29895	chr16:66586465	0.0520698	1.66E-51
TERC	TSS9227	chr3:16948239-	0	0
LINC01450	TSS26905	chr7:41004276-	0	0.027894
ASB5	TSS7248	chr4:177134825	0	0.0150342
HMSD	TSS2978	chr18:6161658-	0	0.141241
EPHB1	TSS31332	chr3:134514098	0.212715	0.0218932
CASQ2	TSS13743	chr1:116242625	0	0
USP18	TSS9593	chr22:1863275-	0.211983	1.48288
MMP23B	TSS4741	chr1:1567559-	0.0970887	1.69E-06
NKD1	TSS1286	chr16:50582240	0.707195	0.320763
UGT3A2	TSS8770	chr5:36035118-	0	0
CYP21A1P	TSS2679	chr6:31973412-	1.43E-15	1.24E-14
TGFA	TSS12681,TSS	chr2:70674411-	0.221473	0.0934928
MEG3	TSS29044,TSS	chr14:10129244	0.0569253	0.0237161
UMODL1-AS1	TSS28414	chr21:43522245	0	0
FAM69B	TSS1064	chr9:139607025	3.75858	1.72772
CD72	TSS15897	chr9:35609975-	0.935539	5.00315
GPR88	TSS26867	chr1:10100372-	0	0.0195688
NRIR	TSS20804	chr2:6968684-	0	0.145802
AKR1C3	TSS13001,TSS	chr10:5090957-	0.60447	2.28231
LOC100996385	TSS27626	chr5:175476680	0.708174	0
GPR21	TSS16286	chr9:12579592-	0	0.113045
WNT10B	TSS13825	chr12:49359125	0.151444	0.0586291
LOC283440	TSS16895	chr12:2870365-	0	0
OR2C1	TSS12233	chr16:3405888-	0.52739	0.0743489
GIMAP4	TSS13868	chr7:15026445-	0.927294	0.197484
LRRC36	TSS29088,TSS	chr16:67360746	0	0.0493028
STAR	TSS12690	chr8:38000217-	0.14841	0.207541
DISC1	TSS9124	chr1:231762560	0.18936	1.64E-10
LBP	TSS33938	chr20:36974815	0	0
BMP6	TSS4001	chr6:7727010-	0.442274	0.939906
CHRM3	TSS29177	chr1:239792375	0.0053901	0
ENHO	TSS26994	chr9:34521039-	0	0
MPP3	TSS1136	chr17:41878160	0	0.0853277
OVOL1	TSS29672	chr11:65554504	0.32124	0.03391
LINC00501	TSS9451	chr3:177012225	0	0.034049
RNU6-2	TSS23705	chr15:68132276	35.1462	6.54075
BAIAP2L1	TSS31809	chr7:97920961-	0.633158	0.346759
MACROD2	TSS28973,TSS	chr20:13976145	1.95223	1.43702
RNU6ATAC	TSS14429	chr9:13702956-	47.8926	0
L1CAM	TSS15600,TSS	chrX:153126965	0.939497	0.62033
APOBEC3H	TSS9588	chr22:39493228	0.0473244	0.825325
CPS1	TSS23749,TSS	chr2:211342405	0	0.020974
ERVFRD-1	TSS7776	chr6:11102721-	0.0531579	0.123441
IQCA1	TSS12610,TSS	chr2:237232785	0.795521	0.0405689
KIAA1804	TSS1657	chr1:233463515	1.09369	1.00074
NDN	TSS30195	chr15:23930555	0	0
CD244	TSS28851	chr1:160799945	2.13764	1.92179
SHROOM1	TSS10506,TSS	chr5:132157835	0.465397	0.251947
PROCR	TSS15790	chr20:33759735	0.0316444	0.34323
ESAM	TSS3390	chr11:1246230-	0.587745	2.02941

TDRD12	TSS8636	chr19:33210678	0.00958111	0
DISC1FP1	TSS16720	chr11:89984395	1.23505	0.178603
CATSPER1	TSS13076	chr11:65784222	0	0.0658104
LINC00333	TSS22925	chr13:84714736	0	0
LOC101929450	TSS13562	chr8:29605824	0.756077	0.0816005
SPTB	TSS5654	chr14:65213000	0.210649	0.0173847
ASIC1	TSS10107,TSS	chr12:50451419	0	0.00923118
APCDD1L-AS1	TSS24044	chr20:57090434	0	0.0501991
C9orf24	TSS18497,TSS	chr9:34379016	0	0
MGAT4A	TSS15157,TSS	chr2:99235568	5.11102	1.24927
PHYHIP	TSS2293	chr8:22077215	0.164126	0.254092
CELA2B	TSS26667	chr1:15802595	0	0
BSPRY	TSS1273	chr9:11611181	0.668945	0.29597
VAV3	TSS3416,TSS7	chr1:10811378	5.39047	2.04727
PPFIBP2	TSS15914,TSS	chr11:7534995	9.14186	9.00576
MYH16	TSS12171	chr7:98870923	0	0.0153696
SYP	TSS4000	chrX:49044264	0.662257	0.256375
CD300C	TSS5717	chr17:72537204	0.176102	1.81968
F10	TSS9782	chr13:1137771	0	0.0235843
ASIP	TSS27449	chr20:32848170	0.0124733	0.310297
DUSP5P1	TSS28747	chr1:228780656	0	0.0821448
JUN	TSS8204	chr1:59246462	22.1391	8.76268
GRAMD2	TSS18444	chr15:72452146	0.00687238	0
LINC00862	TSS8526	chr1:20031167	0	0.206655
ARC	TSS32412	chr8:143692404	0.0449707	0
RASGEF1B	TSS24858	chr4:82347546	15.3428	10.7998
LEF1	TSS1539,TSS6	chr4:108968700	1.31849	0.577105
CHST15	TSS24532,TSS	chr10:12576718	13.1218	4.80447
FAM65C	TSS14747,TSS	chr20:49202644	0.30258	0.217959
GJB3	TSS19350,TSS	chr1:35246789	0	0
ZNF563	TSS28355	chr19:12428300	1.8815	0.649859
MAGEA9B	TSS10408	chrX:14886359	0.0159537	0
CRYBB3	TSS27895	chr22:25595816	0	0
11-Mar	TSS4677	chr5:16067473	0.00391187	0.0973448
LOC101928461	TSS2910	chr6:13695025	0	0.0543309
LOC100505920	TSS7544,TSS8	chr3:193920804	0	0
ITIH4-AS1	TSS861	chr3:52857950	2.35523	0
COL2A1	TSS21765	chr12:4836674	0	0
INHBC	TSS12606	chr12:5782846	0	0.0823731
C3AR1	TSS28652	chr12:8210918	0.0466239	0.144428
LINC01296	TSS28182	chr14:19650036	0.0112565	0.119108
TBXA2R	TSS31501	chr19:3594503	0.479547	0.109176
FLJ42393	TSS26836	chr3:187896330	0.198591	0.0461309
SMAD6	TSS22693	chr15:66994670	0.230655	0.107927
CA6	TSS21480	chr1:9005892	0	0
IGLL3P	TSS19368	chr22:25714220	0.912091	0.29919
DACT1	TSS32455,TSS	chr14:59100785	0.27427	0.0505464
GPC3	TSS33917	chrX:13266977	0	0.0544989
ALOX12B	TSS14676	chr17:7975953	0.107115	0.511412
CD163L1	TSS5203	chr12:7507555	0.217444	0.0290047
GSDMA	TSS16015	chr17:38119225	0.459208	0.0161629
LRRN4CL	TSS10718	chr11:62453870	0.275839	0.0266945
FYB	TSS20411,TSS	chr5:39105353	3.04068	0.811841
GNA15	TSS32068	chr19:3136029	0.489945	0.0758721
LOC101927040	TSS25620	chr8:80681614	0	0



NFKBIZ	TSS15917,TSS	chr3:10154683-	8.92668	7.2885
HIST1H4F	TSS8417	chr6:26240653-	0	0
C18orf65	TSS6095	chr18:74207476-	0.261882	0.242228
B4GALT1-AS1	TSS28171,TSS	chr9:33166945-	4.24E-12	1.42292
HIST1H1C	TSS21249	chr6:26055967-	2.57976	17.3383
DIO2-AS1	TSS21082	chr14:8067776-	0	0
NEXN	TSS17811	chr1:78354199-	0.247654	0.426007
CD274	TSS19833	chr9:5450502-	0.892276	5.7861
LINC00589	TSS2855	chr8:29578775-	0	0
GPHA2	TSS30352	chr11:6470194-	0	0.0557391
AGTRAP	TSS26158	chr1:11796141-	2.8212	7.733
USHBP1	TSS17069,TSS	chr19:1736082-	0	0.0296875
RNU6-2	TSS6955	chrX:14021221-	46.0785	6.54075
LINC00437	TSS32983	chr13:39106136-	0	0
EFNA3	TSS31887	chr1:15505134-	0.541969	0.659638
RAMP1	TSS10437	chr2:238768186-	2.23367	0.952916
WDR63	TSS6070	chr1:85527980-	1.09432	0.262753
B3GALT2	TSS8960	chr1:193147859-	0	0.27678
TSPYL6	TSS20886	chr2:54480314-	0	0
PSD2	TSS28539	chr5:139175409-	0	0
ALDH3B2	TSS26348,TSS	chr11:6742963-	0.0167888	0.420706
SAT1	TSS20746	chrX:23801274-	72.3776	57.1792
LCA5	TSS9704	chr6:80194707-	0.0853343	0.168775
ADM2	TSS14346,TSS	chr22:5091998-	3.98022	1.58622
MYL4	TSS19550,TSS	chr17:4528642-	0.12108	0.673177
PFN2	TSS5299	chr3:149682690-	1.21148	1.04874
LOC100130705	TSS29348	chr7:12850646-	0.22932	0.212989
CACNA2D4	TSS14181	chr12:1901122-	0.338312	0.319465
HPCAL4	TSS15441,TSS	chr1:40144319-	0.244152	0.0755814
CMAHP	TSS23807,TSS	chr6:25081294-	1.69615	0.264079
PCDHGB4	TSS12106	chr5:14076745-	1.15741	0.038337
SPHK1	TSS27026,TSS	chr17:74380689-	1.68782	5.10181
ZPBP2	TSS18407	chr17:3802445-	0	0.239202
SHC3	TSS25296	chr9:91620685-	0.0173714	0.00149485
TMEM150C	TSS32866	chr4:83405603-	0.0169534	0.0229824
CPLX3	TSS15974	chr15:75118950-	0	0.157459
MYO3B	TSS33467	chr2:17103465-	0	0.018539
UHRF1	TSS30691,TSS	chr19:4903091-	0.772205	5.01104
LOC100101148	TSS27304	chr7:72440212-	0.59292	1.514
NRSN2	TSS32675	chr20:327369-	0.507209	1.83266
UTS2	TSS215,TSS83	chr1:7907671-	0	0
FCRLA	TSS7520	chr1:16167676-	31.1277	43.6915
IGFLR1	TSS25963	chr19:36230150-	18.7086	10.8599
GALR3	TSS13503	chr22:38219388-	0	0
HEATR9	TSS11445	chr17:34181959-	0	0
NYAP2	TSS3221	chr2:22626560-	0	0
LOC101928865	TSS27779	chr11:78135028-	0.565511	0.284737
SCN2B	TSS3559	chr11:1180335-	0	0.0203565
NT5DC3	TSS4031	chr12:10416608-	1.05908	3.60072
GADL1	TSS13225	chr3:30767691-	0	0
STEAP1B	TSS10100	chr7:22459062-	0	0.362547
ZNF229	TSS15596,TSS	chr19:4493042-	0.526618	1.39056
TMPRSS2	TSS28945,TSS	chr21:4283647-	0	0.0106162
SDS	TSS34190	chr12:11383029-	0	0
GLIPR1L2	TSS10608	chr12:75784849-	0	0.0403279

COL4A3	TSS982	chr2:228029280	1.92964	1.30999
RNU6-2	TSS12865	chr3:180949524	75.8326	6.54075
KNDC1	TSS18936	chr10:13497397	0.00631157	0.0244192
SNORA57	TSS2670	chr11:62432890	33.4575	24.6457
EEF1DP3	TSS15347	chr13:32420919	0	0.121291
FZD9	TSS29184	chr7:72848108-	0.21082	0.593574
KCNN2	TSS1722,TSS1	chr5:113698015	0	0.200238
TRPV3	TSS22245	chr17:3413795-	4.01994	1.77509
C2orf82	TSS25416	chr2:233734990	0	0
PSPN	TSS33772	chr19:6375304-	0	0.85101
ZNRF2P2	TSS1398	chr7:29724387-	1.14E-08	1.44E-05
TTLL10	TSS27435,TSS	chr1:1109285-	0.0214199	0
NWD1	TSS13956	chr19:16830780	0.0644912	0.025885
LOC101927651	TSS2809	chr18:74334737	0	0
FAM127C	TSS636	chrX:134154530	0.201041	0.00864919
SORCS2	TSS19549	chr4:7194373-	0.0220798	0.00487234
FBLIM1	TSS19399,TSS	chr1:16085254-	0	0.11474
TBC1D3H	TSS29837	chr17:34581028	7.71E-14	0.985779
GLS2	TSS6658	chr12:56864727	0.5678	2.36609
STX19	TSS1254	chr3:93733214-	0	0.424554
LOC101928861	TSS7177	chr7:133485245	0	0
NDST3	TSS21101	chr4:118955495	0	0.00830644
TRPM5	TSS28949	chr11:2425745-	0	0
LINC00880	TSS30169	chr3:156799455	0	0.00872877
CCDC89	TSS31540	chr11:85394880	0.0919395	0
CEACAM5	TSS6663	chr19:42212500	0	0
YPEL1	TSS21796	chr22:22051825	2.15506	0.622299
LOC728989	TSS32299	chr1:146490894	1.7838	0.77363
AKAP6	TSS17108	chr14:32798478	0.0652772	0.12942
PPP1R3G	TSS32040	chr6:5085719-	0.0265643	0.102878
TNKS2-AS1	TSS18430,TSS	chr10:93542595	0	0
LOC646762	TSS5230	chr7:29685537-	1.95217	1.20623
GTF2IRD1	TSS22575	chr7:73868119-	0.12942	1.57214
ADAM19	TSS33868	chr5:156904317	14.265	7.87809
SPDYE4	TSS21756	chr17:8656423-	0	0
LOC285819	TSS26035	chr6:26472171-	0.783864	0.0782503
CAMK2N1	TSS12514	chr1:20808883-	0.32447	0.487679
VWA2	TSS19274	chr10:11599907	0	0
TXNRD3	TSS19412	chr3:126325894	0.302963	0.195293
GPR35	TSS13174,TSS	chr2:241544824	0.794949	0.310322
NRARP	TSS12367	chr9:140194082	0.577562	5.20793
ID1	TSS11065	chr20:30193085	0.469524	0
SAMD14	TSS13365	chr17:48188672	0	0.0211676
GYPE	TSS28540	chr4:144792018	0.876296	1.97065
P2RX1	TSS29367	chr17:3799884-	0.695565	3.12308
MIR210HG	TSS7558	chr11:565656-	0.390305	0.151105
SRCIN1	TSS11501	chr17:36686258	0	0.0328108
CASC21	TSS22096	chr8:128256887	0	0.386943
SCN3A	TSS14573	chr2:165944029	1.74775	0.589219
ADAM11	TSS1125	chr17:42836567	0	0.0914272
UPK1A	TSS33104	chr19:36157417	0	0
FLJ33360	TSS31544	chr5:6310553-	0	0.100322
GAB1	TSS26208	chr4:144257982	1.4819	0.927424
ELAVL3	TSS7551	chr19:11562142	0.0881125	0.0526356
TCEB3B	TSS8941	chr18:44558942	0	0

TUSC1	TSS25364	chr9:25676386-	0.543017	0.602607
USP43	TSS22982	chr17:9548853-	0	0.0686614
ABCG4	TSS33029,TSS	chr11:11901974-	0.108944	0
GHRL	TSS18380	chr3:10327433-	0	0
SLC13A1	TSS2534	chr7:12275358-	0	0
ATP2B3	TSS31936	chrX:15280157-	0	0.00386755
PTPN21	TSS30944	chr14:8893212-	0	0.0480108
FLJ38122	TSS12392	chr6:17058156-	0	0
PLEKHH1	TSS11358	chr14:6800000-	0.0130846	0.188104
C1QL1	TSS19867	chr17:43037060-	0	0
ILDR1	TSS13812	chr3:121706169-	0.490831	0.433993
C1QTNF7	TSS185,TSS26	chr4:15341559-	0	0
GPR63	TSS13831	chr6:97241997-	0.0718447	0.222389
RARRES1	TSS1131	chr3:158414896-	0.0581788	0.315928
OR2L1P	TSS17479	chr1:248153568-	0	0.809923
CAPN11	TSS17162	chr6:44126547-	0.00542587	0.00840106
GPR20	TSS19172	chr8:142366586-	0.0920009	0
LINC00477	TSS12769	chr12:24719897-	0	0.13774
KIAA1522	TSS2999,TSS3	chr1:33207511-	0.453115	0.441945
LOC101927069	TSS1634	chr9:71568003-	0.892504	0.109945
GUCY2C	TSS4149	chr12:14765567-	0.283609	0.0614623
LOC100421746	TSS31516	chrX:55306520-	0	0
RHOBTB1	TSS15868,TSS	chr10:62629197-	0.379911	0.903371
LOC338694	TSS10859	chr11:68914695-	0	0
PDE7B	TSS8915	chr6:136172830-	0.159743	0.0556282
ZNF536	TSS26500	chr19:30863327-	0	0.013534
SNORA33	TSS29715	chr6:133138357-	46.7779	7.46614
PLA2G4E	TSS734	chr15:42273779-	0	0.0139919
GPC5	TSS19458	chr13:92050872-	0	0.132699
TEX38	TSS24760	chr1:47137504-	0	0.18199
PDCD1LG2	TSS29056	chr9:55105447-	0	0.0860282
ANTXR2	TSS25167,TSS	chr4:80822770-	4.12271	1.91842
TLR7	TSS20880	chrX:12885201-	2.43674	2.94564
LOC400558	TSS28557	chr16:89232790-	0	0
VMO1	TSS17963	chr17:4688579-	0.0858361	0.400091
LOC285740	TSS11207,TSS	chr6:143875257-	0	0.00413357
ABRA	TSS33655	chr8:107771710-	0	0.0124749
TMEM190	TSS17947	chr19:55888200-	0	0
PLD1	TSS19607	chr3:171318194-	0.0362895	0.00561398
TSPEAR	TSS6527	chr21:45917774-	0.00364914	0.0858274
CCDC38	TSS6846	chr12:96260825-	0.069975	0
BHLHE41	TSS10897	chr12:26272958-	4.31558	2.65252
MYO1E	TSS14313	chr15:59428167-	5.02707	8.84458
GCNT3	TSS27333	chr15:59903987-	0.3854	0
UGGT2	TSS27722	chr13:96453835-	0.726684	0.447185
ARHGAP31-AS1	TSS25706	chr3:119033139-	0	0
MFAP3L	TSS17345,TSS	chr4:170907747-	0.117689	0.261284
C1orf146	TSS22013	chr1:92683572-	0	0.0276783
RAP1GAP2	TSS16200	chr17:2699731-	1.16337	0.545124
FZD8	TSS16037	chr10:35927176-	0.151897	0.117579
PRKAA2	TSS10198	chr1:57110989-	0.043882	0.0222448
NUDT4P1	TSS1655	chr12:93771745-	4.50E-43	0.000468597
MUC4	TSS26541	chr3:195473637-	0	0.0341794
MSX2P1	TSS12250	chr17:56234319-	0	0
TSPAN6	TSS16562,TSS	chrX:99882104-	0	0.00893546

HHAT	TSS10139,TSS	chr1:21050159	0.570314	0.939712
ANGPTL6	TSS1305	chr19:1020301	1.85661	4.37186
KLF11	TSS15466,TSS	chr2:10183681-	8.10509	5.25238
INHBE	TSS22476	chr12:5784909	0	0.369667
MRVI1-AS1	TSS5666	chr11:1056278	0	0
LHX3	TSS22448,TSS	chr9:13908809	0	0
LOC101927587	TSS33056	chr1:84041470-	0	0.0107639
SYN3	TSS20578,TSS	chr22:3290853	0.406513	0.0434034
DUSP2	TSS32300	chr2:96808907-	6.09531	68.7788
PSTPIP2	TSS23084	chr18:4356350	0	0.0451816
HCG14	TSS9011	chr6:28864306-	0	0
CCDC37	TSS22451	chr3:12611378	0.108606	0
DMD	TSS13611,TSS	chrX:31137344	2.86746	3.63968
TAS1R1	TSS27951	chr1:6615337-	0.446757	0.069346
PTGES3L-AAF	TSS11552,TSS	chr17:4110254	0.20918	1.04E-11
ST7-OT4	TSS3808	chr7:11659395	0	0.0919179
OSBPL10	TSS15613	chr3:31702316-	29.3776	9.51545
ANKUB1	TSS7996	chr3:14947888	0	0
CCDC148	TSS12831	chr2:15902786	0	0.0352959
SNORA31	TSS31009	chr13:4591161	0	17.0927
ZGLP1	TSS31641	chr19:1041547	0.574766	0.729982
LOC285696	TSS7684	chr5:17130136-	0	0
ISM2	TSS11921	chr14:7794073	0.100975	0
NPNT	TSS32595	chr4:10681659	0	0.0297482
CD7	TSS6310	chr17:8027274	1.53094	0.434058
BOK-AS1	TSS31272	chr2:24248380	0	0
LRG1	TSS33692	chr19:4537226-	0.07752	0.340235
NANOG	TSS13752	chr12:7941991-	0	0.102573
CLCN1	TSS21696	chr7:14301321	0.0600022	0
ZNF804A	TSS21786	chr2:18546309	0.64596	0.471343
FLJ12825	TSS17389	chr12:5445203	0	0
AMIGO1	TSS9428	chr1:11004944	0.0180927	0.238136
CECR7	TSS7491	chr22:1751745	1.72677	1.02153
LINC01191	TSS26014	chr2:11473714	9.78E-06	0
TEPP	TSS19594	chr16:5801033	0.424962	0.18812
ZBTB32	TSS2445	chr19:3620382	3.38631	2.97052
LOC643406	TSS24908	chr20:5451841-	0	0
ECM2	TSS18726	chr9:95255828-	0	0.0527756
ARRDC4	TSS22704	chr15:9850393	0.69485	1.95257
OPRL1	TSS169,TSS22	chr20:6271147	0.599837	0.242709
LOC101929705	TSS16344,TSS	chr6:43963460-	0	0.00484624
MCF2L-AS1	TSS13615	chr13:1136217	0	0
CYBRD1	TSS16832,TSS	chr2:17237875	0	0.123213
CBFA2T3	TSS24276,TSS	chr16:8894126	7.14631	6.02222
TMEM171	TSS16327	chr5:72416387-	0	0.0294657
LOC101929563	TSS21253	chr9:23500688-	0	0
EPHA1	TSS16936	chr7:14308820	0.24784	0.0605809
C11orf21	TSS23634	chr11:2317506-	3.87803	1.01167
FCAR	TSS20608	chr19:5538554	56.5706	24.9674
ANK1	TSS16564,TSS	chr8:41510743-	0.0715167	0.308497
LINC01504	TSS14331	chr9:74920351-	0.726722	0.30631
RBFOX1	TSS13488,TSS	chr16:6069131-	0	0.00329989
RIN1	TSS29244	chr11:6609954	0	0.115398
RDH12	TSS5801	chr14:6816860	0	0
CNR1	TSS28663,TSS	chr6:88849584-	9.41018	2.23486

TTBK1	TSS17640	chr6:43211221-	0	0.00926945
C9orf131	TSS25349,TSS	chr9:35041091-	3.00334	0.245268
SAG	TSS10114	chr2:234216308	0	0.0204063
CASS4	TSS18482,TSS	chr20:54987167	0	0.0107139
OPLAH	TSS18095	chr8:145106166	0	0.0918103
GIMAP6	TSS14290	chr7:150322467	1.88697	0.630289
CYP17A1	TSS2365	chr10:10459028	0	0.113732
DBH-AS1	TSS843	chr9:136519708	0	0
KCNK13	TSS2656	chr14:90528108	0	0
NHLH2	TSS17646,TSS	chr1:116378998	0	0.096805
P2RX7	TSS10958,TSS	chr12:12157067	0.864411	0.141679
DBET	TSS5086	chr4:190985656	0.0130442	0.151452
NBPF6	TSS28051	chr1:108992907	0.00797475	0.0382024
SNTA1	TSS2602	chr20:31995767	1.82239	1.76751
SNORD23	TSS8307	chr19:48259109	0	13.7507
LHFP	TSS26218	chr13:39917028	0.0128233	0.0207631
LOC392452	TSS32195	chrX:455905767	0	0
MACROD1	TSS21621	chr11:63766029	1.31894	9.40697
C3orf14	TSS31334,TSS	chr3:62304647-	0	1.37793
PCDHGA3	TSS10375	chr5:140723606	1.84E-280	0.0786752
LGI3	TSS20896	chr8:22004342-	0.174881	0
HOXA10-AS	TSS24737	chr7:27208517-	0.00535513	0.0140425
PLCB1	TSS1473	chr20:8112911-	0.0421607	0.352279
TACR1	TSS28001	chr2:75273589-	0	0.202198
KCTD19	TSS8995	chr16:67323397	0	0
SSTR3	TSS13932,TSS	chr22:37600276	0.232906	0.558831
BHMT2	TSS18592	chr5:78365546-	0	0.0469364
MNS1	TSS20922	chr15:56720928	0.898328	0.626099
LINC00202-2	TSS1491	chr10:26932036	0	0.00905714
OR2L13	TSS26271	chr1:248100336	0	0
CCNA1	TSS19801,TSS	chr13:37005966	0.14926	0.305718
WISP3	TSS25253,TSS	chr6:112375277	0.0388651	0
ANKRD26P1	TSS8745	chr16:46503248	0	0
TTC16	TSS32028	chr9:130478357	0	0
EFHD1	TSS12004,TSS	chr2:233470766	0	0
ALDH1A3	TSS19863	chr15:10141989	0	0.0724223
PLCL1	TSS3654	chr2:198669427	0.00647323	0.0150269
NFATC4	TSS1548,TSS2	chr14:24836116	0.178457	1.62948
F2R	TSS13063	chr5:76011867-	0.366208	0.14172
CLCA4	TSS18622	chr1:87012758-	0	0
LINC01251	TSS3986	chr9:33732972-	0	0
KIAA1211	TSS1885	chr4:57036360-	0.0609033	0.0439842
TRIM71	TSS16556	chr3:32859509-	0.15435	0.0760326
RNU6-2	TSS18156	chr19:1021520-	75.8326	6.54075
ANKRD20A8P	TSS28894	chr2:95426672-	0.00198354	0.000708585
BCL2L14	TSS24069,TSS	chr12:12223877	0	0.13154
PTP4A3	TSS33789	chr8:142431487	2.21334	11.881
WWC1	TSS4458	chr5:167719067	0.197189	0.45622
TNF	TSS14387	chr6:31543343-	10.1709	19.7815
ZFP36	TSS6347	chr19:39897486	51.4881	39.5948
ADORA2A-AS	TSS30240	chr22:24825177	0.16097	0.151785
SCAMP5	TSS8719	chr15:75287877	0	0.104668
AGR3	TSS33803	chr7:16899029-	0	0
LRRC3B	TSS27028	chr3:26664299-	0	0.0423672
C17orf47	TSS29569	chr17:56618947	0	0.0658728

ARHGEF28	TSS25065,TSS	chr5:72921982-	0	0.0158447
LINC01518	TSS16296	chr10:43168460	0.00663395	0
LINC00944	TSS20207	chr12:12721524	3.11722	0.854926
PNMA3	TSS11203	chrX:152224761	0.61397	0.270741
GBP1	TSS23636	chr1:89517986-	3.05107	7.80009
ZSCAN23	TSS25862	chr6:28400431-	1.45739	0.0646699
SCTR	TSS10256	chr2:120197418	0	0
TOPAZ1	TSS15336	chr3:44283377-	0.0252159	0.00514683
S100A4	TSS22961	chr1:153516094	35.8642	55.929
TAS2R10	TSS19849	chr12:10977944	0	0.341472
PPP1R36	TSS29976	chr14:65016619	0	0
EPN2-AS1	TSS9439	chr17:19199908	0	0
Cp-EBNA3A_1	-	chrEBV(Akata_	0	3.82834
RNF157-AS1	TSS23598	chr17:74136636	0.269596	0.0160583
ROPN1B	TSS31624	chr3:125687986	0	0
LOC1720	TSS27609	chr2:83083926-	0	0
GLRA1	TSS12403	chr5:151202070	0	0.00195154
RGL3	TSS5604	chr19:11504731	0	0
IGF2BP2-AS1	TSS8579	chr3:185431039	0	0.0236709
ITGB5	TSS3474	chr3:124480794	0.108855	0.0995635
EXPH5	TSS20627,TSS	chr11:10837615	0.0463581	0.0163022
LAMB4	TSS23854	chr7:107663995	0	0.0283462
PDE3A	TSS16021,TSS	chr12:20522178	3.04486	1.69509
RFPL1S	TSS3823	chr22:29833000	0.182567	0.0260831
PIK3CD-AS2	TSS33357	chr1:9732483-9	0.571044	8.9532
C3P1	TSS9638	chr19:10152031	0	0
SPATA9	TSS18021	chr5:94987884-	0	0
WIPF3	TSS33534	chr7:29846169-	0.103787	0.144586
ALDH2	TSS16552	chr12:11220469	6.05534	3.83658
SNX29P1	TSS14806	chr16:21360680	9.34248	7.19259
KLRC4	TSS15511	chr12:10559982	0.291696	0.296807
RS1	TSS1095	chrX:18657807-	0	0.0790125
ADAMTS18	TSS16529	chr16:77316024	0	0
FAM149A	TSS26554,TSS	chr4:187065994	0	0.0432631
SRXN1	TSS18070	chr20:627267-6	37.1577	67.6298
APBA2	TSS33038	chr15:29213839	0.462682	0.122158
FLJ13224	TSS2177	chr12:31477249	1.13952	0.728232
FLG-AS1	TSS17281,TSS	chr1:152285934	0	0.0327171
FADS2	TSS11392,TSS	chr11:61583674	0.453444	5.73606
LINC01179	TSS2311	chr4:166605790	0	0.0565985
C10orf53	TSS9432	chr10:50887680	0.147996	0.100555
RNU1-13P	TSS31067	chr1:143673128	0	0
IFIT1B	TSS12447	chr10:91137812	0	0.0715336
SCN4A	TSS13428	chr17:62015910	0.48038	0.249207
HPDL	TSS8192	chr1:45792544-	0	7.18693
RPS6KA2	TSS17594,TSS	chr6:166822850	1.76679	0.970761
TENM4	TSS33953	chr11:78364321	0.158921	0.0142641
STAC2	TSS18555	chr17:37366788	0	0.0726329
MGC12916	TSS12818	chr17:14207056	0.249323	0.596786
EGFEM1P	TSS2436	chr3:167967309	0	0.0764725
LOC403323	TSS33511	chr9:66513679-	1.29827	0.432789
SCHLAP1	TSS17830	chr2:181556830	0.0111631	0.0821975
TESC	TSS25236	chr12:11747672	9.92679	17.6408
C1orf162	TSS16572	chr1:112016490	9.10015	5.66624
CD180	TSS11945	chr5:66478103-	8.63841	5.20569

GPSM1	TSS19185,TSS	chr9:13922193-	0.176431	0.567945
AICDA	TSS27565	chr12:8754761-	0.12695	0.343975
SMCO1	TSS20065	chr3:19623374-	0	0
MAST1	TSS9794	chr19:1294925-	0.0292209	0.0203523
HSFY2	TSS31037	chrY:20708556-	0	0.00115541
INSR	TSS24851	chr19:7112265-	1.0405	2.7212
SMCO2	TSS31454	chr12:2761974-	0	0.00974186
NMBR	TSS4150	chr6:14239674-	0	0.0272044
KLHL6-AS1	TSS12533	chr3:18326652-	0	0
LINC01135	TSS5006	chr1:59250822-	0	0
HBD	TSS22904	chr11:5254058-	0	0
KCNJ5	TSS32266	chr11:1287613-	0.106813	0.0472498
MMP7	TSS24551	chr11:1023912-	0	1.0518
ZNF560	TSS13500	chr19:9577030-	0.0158206	0.024495
LOC339975	TSS10057	chr4:18822523-	0	0.137744
PTX4	TSS12753	chr16:1535939-	0	0.0257289
ETNK2	TSS17107	chr1:20410018-	1.07622	0.250881
LINC00158	TSS1214	chr21:2675813-	0	5.25395
WNT3	TSS11774	chr17:4483987-	1.76539	1.56219
IQCK	TSS24353	chr16:1972777-	0	0.300916
SMOC2	TSS4964	chr6:16884183-	0	0
DNAH2	TSS30031,TSS	chr17:7620671-	0.00491372	0.180407
CFAP46	TSS14123	chr10:1346218-	0	0.03182
MT1H	TSS15319	chr16:5670372-	0	0
GPA33	TSS5472	chr1:16702207-	0	0.0367426
DYX1C1-CCP1	TSS15826	chr15:5564742-	6.40E-06	0.14458
SLCO5A1	TSS15451,TSS	chr8:70584567-	0.817337	1.53993
IL2RA	TSS18848	chr10:6052656-	6.96738	3.91015
TMEM262	TSS11968	chr11:6485584-	0	0
EGR3	TSS18882,TSS	chr8:22545173-	1.384	4.59285
MIR155HG	TSS6917	chr21:2693445-	8.86442	222.927
MYCL	TSS3945	chr1:40361095-	0	0.0208656
RNU6-2	TSS8733	chr10:1325926-	35.1462	6.54075
LINC01058	TSS12029	chr13:3099357-	0	0
TMEM5-AS1	TSS31985	chr12:6420262-	0.299335	0.028332
PPP3R2	TSS12361	chr9:10435389-	0	0.00334051
ENPP3	TSS15650	chr6:13195844-	0	0
CTSV	TSS22855,TSS	chr9:99791958-	0	0.0518031
MTVR2	TSS6559	chr17:5496146-	0	0.150332
EGFL6	TSS30820	chrX:13587693-	0	0
OSBP2	TSS11173,TSS	chr22:3108976-	0.58183	0.387419
LINC00571	TSS21892	chr13:3862495-	0	0.182768
LF2_1	-	chrEBV(Akata_	0	0
FAM71A	TSS13156	chr1:21279778-	0	0
MPPED2	TSS5636,TSS8	chr11:3040603-	0	0.0722037
ASAP1-IT2	TSS17904	chr8:13109498-	0.0223618	0.380973
STEAP3-AS1	TSS15318	chr2:12000199-	0.013664	0.0122
KLRK1	TSS12862	chr12:1052495-	1.4723	0.589399
CCL4L1	TSS6747	chr17:3453830-	0.809143	46.9449
MOB3B	TSS20469	chr9:27325206-	0.472156	0.32476
CSDC2	TSS13891	chr22:4195701-	0	0
ISLR2	TSS11571,TSS	chr15:7442171-	0	0.0236419
LOC105373300	TSS9987	chrX:10278569-	0	0
MIP	TSS17753	chr12:5684328-	0.307396	0.145436
OLFML2A	TSS21312,TSS	chr9:12753943-	0.129326	0.0679141

LINC00398	TSS20952	chr13:31377342	0	0
LMP-1_1	-	chrEBV(Akata_	2.50E-18	1.35295
POU3F1	TSS33361	chr1:38509522-	0.12079	0.42078
LINC01550	TSS16778	chr14:98391946	0.451939	0
FBXO43	TSS18005	chr8:10114558-	0	0.123395
LINC01586	TSS12332,TSS	chr15:8912880-	0	0
LGMN	TSS14904	chr14:9317015-	8.62325	27.0357
LOC101927497	TSS2023	chr7:92465796-	0	0.834605
HOXA-AS2	TSS28791	chr7:27161537-	0	0
FKBP1A-SDCE	TSS13654	chr20:1290554-	7.28E-09	1.45E-13
TNFSF13	TSS32520	chr17:7461608-	3.40701	3.70168
ANXA9	TSS4232	chr1:150954498	0.0503083	0.214302
CACNA1H	TSS29418	chr16:1203240-	0	0.0122327
ALDOC	TSS13150	chr17:26900132	5.50468	20.7562
PLK2	TSS4835	chr5:57749809-	2.16944	1.25657
RNF151	TSS14427	chr16:2016874-	0	0
SULT2B1	TSS15671,TSS	chr19:49055428	0	0
TMEM178A	TSS16132,TSS	chr2:39892637-	0	0
SLAMF8	TSS9775	chr1:159796478	0.146371	0.161366
LPPR2	TSS24580	chr19:1146606-	0.846766	0.869801
CDYL2	TSS25943	chr16:80637678	0.0604702	0.249722
ARMC2-AS1	TSS8557	chr6:109229342	0	0
NHSL2	TSS6484	chrX:71130937-	0.314665	0.0281462
PIR-FIGF	TSS24375	chrX:15363712-	2.65E-05	0.182437
CXCR6	TSS21986	chr3:45984972-	0.373409	0.126516
BEND4	TSS28697	chr4:42112869-	3.53916	3.64585
TXNDC2	TSS33447	chr18:9885722-	0	0.0856384
LOC100506747	TSS17215	chr1:202955579	0	0.0567659
TBC1D30	TSS9835	chr12:6521835-	0.381173	0.446617
LOC100130476	TSS23376	chr6:138144806	0.765443	0.215557
CALHM3	TSS27201	chr10:10523256	0	0
HMGB3P1	TSS9430	chr20:3342137-	0	0
NCR1	TSS4815	chr19:5541750-	0.064071	0.447513
WNT8B	TSS12592	chr10:1022228-	0	0
ST3GAL6	TSS7430,TSS7	chr3:98451079-	0	0
OR2T34	TSS13821	chr1:24873710-	0	0
USH2A	TSS30850	chr1:215796238	0	0.0086179
ICAM5	TSS19975	chr19:10400652	0	0.0455324
OR52B6	TSS7506	chr11:5602106-	0	0
SCGB2B2	TSS10764	chr19:35084348	0	0
LOC100131289	TSS27017	chr6:27729522-	0	0.244477
CHRM4	TSS2339	chr11:4640634-	0	0.0978234
LOC100506071	TSS15950	chr14:31345382	1.17122	0.475604
LOC102724659	TSS5586	chr1:11837133-	0	0
OR2T3	TSS12057	chr1:24863665-	0	0
SMPDL3A	TSS14589	chr6:123110192	0.254158	0.0894667
LOC100132304	TSS33761	chrX:72158002-	0	0
EGR4	TSS16975	chr2:73518056-	0	0.0585228
LOC101929608	TSS20923	chr20:21591422	0.306967	0
RPL3L	TSS17476	chr16:1994579-	0	0.00237056
ZNF667-AS1	TSS10734,TSS	chr19:56989242	2.08373	6.44988
ANKRD20A3	TSS7405	chr9:42368336-	7.81E-06	5.92E-06
TLR9	TSS15225	chr3:52255095-	8.19626	10.4044
AIRN	TSS3432	chr6:160424322	0	0.00766966
BRRF1_1	-	chrEBV(Akata_	0	2.21574



UTS2R	TSS17526	chr17:8033215	0	0
SNORD104	TSS11267	chr17:6222343	9524.7	2881.08
LOC100130673	TSS3447	chr7:32496509	0	0
CD248	TSS10910	chr11:6608195	0.139477	0.0269961
SLC12A3	TSS9068	chr16:5689911	0.0325716	0.192896
SNORA34	TSS16808	chr12:4904816	87.0145	0
LOC101929294	TSS823	chr8:24153326	1.79355	1.30156
VWA7	TSS19521	chr6:31733370	0	0.364186
ACBD7	TSS16331	chr10:1511747	0.945067	0.231719
GRPR	TSS10670	chrX:16141423	0.1824	1.37359
LINC00965	TSS9196	chr8:7118140	0.134816	0.0238432
FKBP10	TSS21904	chr17:3996896	0.0051163	0.051489
SALL4	TSS8101	chr20:5040058	0	0
EDN3	TSS19202	chr20:5787548	0	0
CALCR	TSS23585,TSS	chr7:93053798	0	0.0093722
TDH	TSS2458	chr8:11197145	0.840469	0.0271358
MYBPC2	TSS29229	chr19:5093615	0	0.41382
DSE	TSS17412,TSS	chr6:11660128	1.62939	2.18336
CLCN4	TSS11516	chrX:10124984	1.1524	1.31832
SSX4B	TSS28387	chrX:48242956	0	0
LUZP2	TSS18347	chr11:2451851	0.166634	0.0644754
OR2T10	TSS24994	chr1:24875613	0	0
NHSL1	TSS19875,TSS	chr6:13874318	0.201068	0.0754344
NCF2	TSS10351,TSS	chr1:18352469	5.02472	6.24889
EPN2-IT1	TSS13154	chr17:1917470	0	0
LOC101927070	TSS10552	chr2:99377525	0	0.148974
LOC151475	TSS5128	chr2:23155563	0.0512117	0.039648
KIR3DL3	TSS18854	chr19:5523595	0	0
TBC1D9	TSS3618	chr4:14154193	22.2065	11.5433
ABCC6	TSS24116	chr16:1624342	0.0673821	0.097772
GPLD1	TSS29210	chr6:24426061	0.179509	0.478403
GATM	TSS31396	chr15:4565332	1.87838	7.35129
TTC36	TSS22274	chr11:1183982	0	0.063159
LOC101929829	TSS13660	chr22:4252250	1.24E-05	9.35E-06
ASPN	TSS8342	chr9:95218488	0	0
SLC37A2	TSS29620	chr11:1249330	2.37215	3.69623
RNU6-2	TSS14363	chr7:12343066	34.2179	7.67777
ST6GALNAC1	TSS4706	chr17:7462083	0.21692	0
SYT16	TSS2237	chr14:6246254	0.182475	0.0434618
CDH7	TSS1812,TSS9	chr18:6341748	0.0195826	0.0182933
C19orf35	TSS14656	chr19:2274630	1.19698	0.268612
NUP62CL	TSS16679	chrX:10636665	0	0.0474781
ASAP1-IT1	TSS30354	chr8:13130760	0.370572	0.127659
ADAP2	TSS14070	chr17:2924875	1.22704	2.04359
RNF144B	TSS15464	chr6:18387580	3.35664	1.48436
LMO7-AS1	TSS1578	chr13:7617883	0	0
MLC1	TSS16233,TSS	chr22:5049781	0.000638186	0.0470103
KCNMB1	TSS25847	chr5:16980516	0	0
FAM110C	TSS16733	chr2:38813-46	0	0
S100B	TSS4541	chr21:4801853	0	0.200204
ID3	TSS3735	chr1:23884420	56.4028	83.7211
CACNA1B	TSS18461	chr9:14077224	0.00883529	0.0102549
MICALL2	TSS28224	chr7:1473994	0.312805	0.132076
LOC100507091	TSS1279	chr12:1235659	0	0
RBM11	TSS5024	chr21:1558846	2.47776	0.753191

IL32	TSS1091,TSS1	chr16:3115312-	3.03505	1.54097
SPEF2	TSS25376	chr5:35617988-	0.0914493	0.0576999
HIST1H3G	TSS23024	chr6:26271145-	0	0.431153
IL1R1	TSS32894,TSS	chr2:10268683-	0	0.0671331
LINC00502	TSS9300	chr10:9280556-	0	0.180793
LOC339807	TSS25302	chr2:64834445-	0	0
RHOBTB3	TSS22963	chr5:95066849-	0.231672	0.83111
RPS7P5	TSS13341	chr1:24017082-	0	0.0205532
LOC100506082	TSS7941	chr11:4208381-	0	0
CHSY3	TSS13449	chr5:12924052-	0	0.00215665
RIMKLA	TSS28068	chr1:42846467-	0.000190879	0.0527231
CCL3L3	TSS23008	chr17:3462384-	0.406398	226.25
DEAR	TSS32977	chr4:15325880-	0	1.71E-265
PDZD7	TSS31162	chr10:1027674-	0	0.00163378
FAM19A3	TSS29458	chr1:11326318-	0	0.179856
DLEU7	TSS14839	chr13:5128516-	0.416388	0.134435
ADGRV1	TSS21370	chr5:89854616-	0	0
INTU	TSS5356	chr4:12855408-	0	0.103828
CYP2A13	TSS20628	chr19:4159435-	0	0
PDE6A	TSS27883	chr5:14923751-	0.102044	0.212147
RFPL3	TSS14716,TSS	chr22:3275087-	6.17E-107	0.105478
EPHA4	TSS1076,TSS7	chr2:22228274-	2.28672	0.495638
SPR	TSS11256	chr2:73114511-	0.612871	6.5977
PRRG4	TSS26840	chr11:3285148-	0.0465758	0.37244
GIMAP1	TSS13939	chr7:15041364-	1.10877	0.373339
SNORA1	TSS10323	chr11:9346516-	0	17.0927
DUSP8	TSS6886	chr11:1575280-	1.78476	0.876713
LINC01123	TSS697	chr2:11074455-	0	0.164218
LOC283683	TSS30474	chr15:2309433-	0	0.172647
TCN2	TSS10948	chr22:3100306-	0	0.0176929
SCN1B	TSS25784	chr19:3552159-	0.455465	0.135005
ATP8B4	TSS21554,TSS	chr15:5015043-	0.10885	0.090251
SLC25A47	TSS8728	chr14:1007896-	0.159691	0.144305
MSRB1	TSS21510	chr16:1988233-	15.1761	31.5916
LCE1E	TSS28343	chr1:15275875-	0	0
Repeat_region_	-	chrEBV(Akata_	0	1.54
ZNF835	TSS33733	chr19:5717401-	0	0.977951
EFHC2	TSS28428	chrX:44007127-	0	0
IRF6	TSS11464	chr1:20995896-	0.0509784	0
DHFR	TSS33536	chr5:79922044-	5.0546	4.07804
PLEKHS1	TSS12600,TSS	chr10:1155112-	0	0
MED12L	TSS16866	chr3:15080458-	0.0243527	0.0340076
ZNF282	TSS32930	chr7:14889255-	5.51269	8.13314
10-Sep	TSS11537	chr2:11030037-	0	0.395396
LOC100505736	TSS25546	chr2:28371423-	1.09748	0.216309
A1CF	TSS27441	chr10:5255916-	0.00152047	0.0167659
NDFIP2	TSS8576	chr13:8005525-	0.30129	0.68495
UROC1	TSS17049	chr3:12620000-	0	0
NRON	TSS17859	chr9:12917005-	0.146384	0
ADGRD1	TSS25499	chr12:1314384-	0	0.129874
LOC388849	TSS15448	chr22:2013610-	0	0
NANOS2	TSS12173	chr19:4641647-	0	0.0924447
TCL6	TSS30284	chr14:9611751-	0.663839	0.29118
BNLF2a_1	-	chrEBV(Akata_	1.42E-06	1.8688
NXN	TSS28563,TSS	chr17:702552-	0.700923	0.173731

NETO2	TSS4531	chr16:47115430	1.85684	9.48106
CRYGN	TSS21432,TSS	chr7:151125917	0	0
POMC	TSS15221	chr2:25383721-	0.850412	1.7975
PRSS3	TSS21216,TSS	chr9:33750463-	0	0.130321
PVRL2	TSS4809	chr19:45349392	0.168078	0.152585
SLG22A15	TSS6455	chr1:116519118	2.82038	0.230316
MFSD7	TSS17025	chr4:675612-68	1.06265	0.192868
ANKS1B	TSS19802,TSS	chr12:99128568	0.0195129	0.050647
CTXN1	TSS5797	chr19:7989380-	0.152084	0.530385
TIAM2	TSS17906,TSS	chr6:155411422	0.7346	0.345337
LINC01094	TSS25491	chr4:79567147-	0	0.290677
RBPMS2	TSS1867	chr15:65032094	0	2.19326
LOC388780	TSS16736	chr20:2187573-	0	0.193528
LINC00264	TSS10195	chr10:26878790	0	0.361459
LOC100132111	TSS2749	chr1:151810944	0	2.93171
LINC01284	TSS29022	chrX:50838681-	0.0607512	0.0023427
COL6A2	TSS9973	chr21:47518032	0.653656	0.0972638
GAS2L3	TSS14606,TSS	chr12:10096740	0	0.0471755
MDS2	TSS20979	chr1:23953823-	0	0.300513
FTCD	TSS17823	chr21:47556175	0	0
HYDIN	TSS30912	chr16:70841286	0.0187354	0.0191907
COL8A2	TSS21769	chr1:36560836-	0	0.41376
CCDC67	TSS16122	chr11:93063882	0	0.064572
JAM3	TSS6097	chr11:13393887	3.93456	6.22647
SVIL	TSS12749,TSS	chr10:29746276	0.419981	0.738132
ZNF705G	TSS26267	chr8:7215497-7	0	0
TMEM217	TSS15874,TSS	chr6:37179953-	0.375719	0.453932
FOXN3-AS2	TSS21618	chr14:90042559	0	0
LRRC26	TSS24985	chr9:140063217	0.324274	0
BEND6	TSS12850	chr6:56819772-	0	0
PPM1L	TSS15994	chr3:160473995	0.64935	0.48032
MIR4516	TSS14688	chr16:2183119-	0	0
C8orf31	TSS4982	chr8:144120625	0	0.497469
PABPC5	TSS27088	chrX:90689596-	0	0.005247
TTC9B	TSS17414	chr19:40721964	0	0
BAIAP2-AS1	TSS19701	chr17:79002932	0.392023	0.288226
MROH7-TTC4	TSS1126	chr1:55107412-	9.18E-135	1.31E-100
RNU1-13P	TSS16481	chr1:147860647	0	0
CYP2C19	TSS21959	chr10:96522437	0	0.0530738
ADGB	TSS12620	chr6:146920135	0	0
PXDC1	TSS2619	chr6:3722835-6	8.48553	4.77706
PDE11A	TSS11226,TSS	chr2:178487976	0.0657294	0.0127143
SCRG1	TSS34089	chr4:174309298	0	0
LOC100507073	TSS25365	chr2:66801161-	0	0
RNU6-2	TSS15010	chr19:893483-8	35.1462	6.54075
IGDCC3	TSS360	chr15:65619464	0	0
PHOX2B	TSS20844	chr4:41746098-	0.14561	0.0615106
PYHIN1	TSS19395	chr1:158901336	3.66564	1.29939
SH2D6	TSS29777	chr2:85661917-	0	0
TNIP3	TSS19824,TSS	chr4:122052560	0	0
ZNF860	TSS4123	chr3:32023265-	7.04416	2.19852
AMICA1	TSS6515,TSS7	chr11:11806444	3.84218	1.08412
LOC101928786	TSS24158	chr9:140934954	0	0
C10orf35	TSS21382	chr10:71390002	0	0.28429
ABCC9	TSS5910	chr12:21950320	0	0

PPAPDC3	TSS29363	chr9:134165080	0	0.0502252
ESPN	TSS8236	chr1:6484847-6	0.0123929	0.00959238
CDCP1	TSS27811	chr3:45123765-	0.121306	0.0331304
SLC47A1	TSS13125	chr17:19437160	0	0.131347
GAL3ST1	TSS3109	chr22:30950620	0.436306	0.119269
SMIM10L2B	TSS12025	chrX:13422901-	0	0.036659
KIAA0125	TSS15339	chr14:10638380	10.5232	4.09834
GPC4	TSS21318	chrX:132435060	0	0
LTK	TSS15381	chr15:41795830	0.421734	0.209175
CXCL12	TSS32964	chr10:44865600	0	0
MS4A10	TSS22311	chr11:60552820	0.00373788	0.0758008
ZNF730	TSS28769	chr19:23299770	0.00135341	0.23962
TCEB3CL	TSS2970	chr18:44548650	0.0235505	0.00729117
FCRL3	TSS15919	chr1:157647970	12.9508	13.6394
FPR3	TSS33577	chr19:52298410	0	0.0686684
CNTNAP1	TSS17491	chr17:40834630	0.520473	0.244102
SAMD13	TSS15716,TSS	chr1:84764048-	0	0.0521633
LOC101928782	TSS1829	chr7:131594970	0	0
HIST1H4B	TSS3165	chr6:26027123-	2.16084	0.168929
TGM3	TSS13092	chr20:2276612-	0	0
CEND1	TSS9613	chr11:7871090-	0.7045	0.633032
CPQ	TSS26917	chr8:97657454-	0.748493	0.543431
LOC100287944	TSS12406	chr12:10689010	0	7.96E-07
SHBG	TSS13507,TSS	chr17:7517381-	0	0
CHRNA6	TSS24979	chr8:42607779-	0.0959939	0.5798
LKAAEAR1	TSS30103	chr20:62714730	0	0.276601
DNMT3L	TSS24430	chr21:45666220	0	0.252037
GRM2	TSS28231	chr3:51741080-	0	0
LINC00351	TSS5869	chr13:85937730	0	0
SPRY1	TSS25718,TSS	chr4:124317940	1.19554	0.823428
MEX3A	TSS7211	chr1:156041800	0.328958	0.389955
HIST1H2AD	TSS33255	chr6:26199011-	0.000185324	1.48963
CLIP1-AS1	TSS16615	chr12:12288000	0	0.265958
GRID2IP	TSS30900	chr7:6536408-6	0.0840376	0
HOXC6	TSS20231,TSS	chr12:54410630	0	0.170638
FAM179A	TSS29665	chr2:29204163-	0.0123306	0
WNT8A	TSS13077	chr5:137419580	0	0
LINC00620	TSS7672	chr3:13692220-	0	0
HBS1L	TSS23411	chr6:135281510	6.37099	7.16947
RNF17	TSS23902	chr13:25338300	0.0591595	0.0654387
MACC1	TSS15296	chr7:20174278-	0.527898	2.4202
SHF	TSS17423,TSS	chr15:45459410	2.09122	1.44142
CABP1	TSS13983,TSS	chr12:12107840	0.373672	1.2665
ZSCAN10	TSS23591	chr16:3138890-	0	0
LOC100506497	TSS10101	chr7:29019582-	0	0
LOC101929023	TSS25913	chr1:116966340	0	0
CADM1	TSS5093	chr11:11504430	0.123342	0.240491
CST7	TSS32166	chr20:24929860	2.07476	1.31278
LOC100133331	TSS14872	chr1:661138-60	3.38356	2.50208
CCDC27	TSS33864	chr1:3668964-6	0	0.0160823
PAK6	TSS12059,TSS	chr15:40509620	0	0.0956872
MYOF	TSS9071	chr10:95066180	0.0816561	0.140961
AMPD1	TSS15834	chr1:115215710	0	0
A4GALT	TSS7799	chr22:43088120	3.18307	2.06244
FGFR1	TSS27680,TSS	chr8:38268655-	0.661922	0.54305

H2AFB2	TSS7624	chrX:15461035-	0	2.00E-05
HIST1H3I	TSS7972	chr6:27839622-	0	0
SLC13A5	TSS33417	chr17:6588031-	0	0.0648383
CACNG4	TSS7824	chr17:6496097-	0.0638821	0
KIAA0226L	TSS28161,TSS	chr13:4691613-	89.1911	31.1031
ACOXL	TSS6980	chr2:11149014-	0.110166	0.108685
LOC101928837	TSS7630	chr11:7649362-	1.69097	0
SLC9C1	TSS15123	chr3:11185975-	0.179158	0
LOC100996654	TSS26567	chr7:54827005-	0	0
H2AFB2	TSS7607	chrX:15468907-	0	2.00E-05
TGFB1I1	TSS16610,TSS	chr16:3148347-	0	0.140696
SNORA32	TSS2020	chr11:9346414-	17.0088	40.6631
ANKRD18A	TSS1053	chr9:38571360-	0	0.00903613
GAREM	TSS6979	chr18:2984348-	0.145689	0.109209
EBI3	TSS25056	chr19:4229539-	2.57737	6.07698
LOC101928794	TSS28787	chr5:66297445-	1.08453	0.0561271
RNU6-2	TSS17832	chr2:17542269-	35.1462	6.54075
MPP4	TSS34093	chr2:20250959-	0	0
C15orf27	TSS24902	chr15:7635229-	0.0373523	0.375964
RTKN2	TSS25881	chr10:6395284-	0	0.125769
CRIP3	TSS16711	chr6:43273210-	0	2.6208
LRFN2	TSS14874	chr6:40359372-	0	0
DAPK1	TSS11990,TSS	chr9:90112142-	0.478494	0.0956361
LOC101927668	TSS12665	chr7:19958603-	0	0
MAGEA9B	TSS32916	chrX:14866330-	0.0159537	0
PCDHB16	TSS21530	chr5:14056126-	0	0
METTL21EP	TSS23208	chr13:1035324-	0	0.015047
LOC100287228	TSS25955	chr18:4891841-	0	0.00129597
IL22RA1	TSS12630	chr1:24446260-	0	0
CMYA5	TSS16727	chr5:78985658-	0.00327673	0.0595757
LRMP	TSS15059	chr12:2520518-	28.3886	25.2294
LINC01248	TSS19502	chr2:5774272-	0	0
SNGG	TSS19347	chr10:8871828-	0	0
LOC100287036	TSS13705	chr16:8938754-	0.521872	0.217801
SMYD3	TSS22570,TSS	chr1:24591264-	1.5899	4.0823
RNF216-IT1	TSS28980	chr7:5702062-	0	0
CCL3L3	TSS22348	chr17:3452226-	0.52349	298.927
KBTD11-OT1	TSS4120	chr8:1919562-	7.64754	2.45922
AQP3	TSS26235	chr9:33441151-	3.35111	1.00404
ADGRG6	TSS26315	chr6:14262305-	0	0
BZLF1_1	-	chrEBV(Akata_	0	0.869889
CEACAM1	TSS17145	chr19:4301145-	0.733802	0.160674
TEX9	TSS2992	chr15:5665762-	1.46707	2.67783
BAIAP3	TSS14020,TSS	chr16:1383605-	8.8502	1.81149
C8orf88	TSS18134	chr8:91970705-	1.91684	2.89286
RBAKDN	TSS18409	chr7:5111690-	0	0
FAM171B	TSS21779	chr2:18755878-	0	0.0190488
NPAS3	TSS28544	chr14:3340845-	0.0183685	0.228618
ULK4P3	TSS30223	chr15:3269880-	4.16E-06	3.10E-06
DOCK4	TSS19231	chr7:11136616-	2.14371	2.30241
MORN5	TSS33653	chr9:12492218-	0	0
KLHL33	TSS19101	chr14:2089696-	0	0.0380672
GRK1	TSS28942	chr13:1143215-	0	0
TBC1D26	TSS15375	chr17:1563559-	0	0.455195
MROH9	TSS12891,TSS	chr1:17090461-	0	0

PCDHGC5	TSS1	chr5:14086880	0.263841	5.52313e-318
GAGE2A	TSS29684	chrX:49354117	0.182037	0
LOC105376360	TSS20717	chr10:3360886	0	0
C9orf84	TSS17036,TSS	chr9:11444879	0	0.00231591
SNORA21	TSS19957	chr17:3700911	0	18.6654
SLC6A9	TSS20926,TSS	chr1:44462154	0.476622	2.68414
KCNJ11	TSS24562,TSS	chr11:1740679	1.14321	0.288483
HOMER3	TSS14386,TSS	chr19:1904000	2.09871	1.12126
ARL9	TSS28609	chr4:57371374	0	0
MIA2	TSS7080	chr14:3970312	0	0.0458034
BAGE3	TSS11521	chr21:1102084	2.78E-05	2.63E-05
SNORD15B	TSS389	chr11:7511546	249.902	38.5315
LOC285484	TSS3075	chr4:6202459	0	0
GJB5	TSS34159	chr1:35220647	0	0
RUSC2	TSS13987,TSS	chr9:35489948	0.213238	0.101068
SOWAHC	TSS13852	chr2:11037191	0.176543	0.201346
PBX4	TSS29309	chr19:1967251	0.142534	0.529983
ANKRD7	TSS33263	chr7:11786471	0	0
LOC101928283	TSS21560	chr7:12482462	0	0
NUDT10	TSS11069,TSS	chrX:51075082	0	0.145811
WASF1	TSS21631	chr6:11042102	4.94182	3.48643
TMPRSS11A	TSS1688	chr4:68776018	0	0.0286066
CDC20B	TSS12344	chr5:54408798	0.0154878	0
IFI6	TSS23407	chr1:27992571	7.72047	9.74238
LOC101928517	TSS19545	chr19:5165617	2.66E-21	0.384316
LOC101927814	TSS27030	chr16:2160101	0	0
RTEL1-TNFRS	TSS4784	chr20:6228916	4.51E-140	0.000930248
FCGR2C	TSS30743	chr1:16155112	6.33087	4.0877
ZC3H12C	TSS25231	chr11:1099640	0.062736	0.141889
SNORD22	TSS27442	chr11:6262038	831.982	93.3456
FRMD6-AS1	TSS4730	chr14:5211623	0	0.0313366
SLC16A5	TSS12703,TSS	chr17:7308382	1.35512	0.488535
LOC101927538	TSS11181	chr17:5567822	0	0
UBXN10-AS1	TSS20107	chr1:20510735	0	0
SLC22A17	TSS10827,TSS	chr14:2381551	0.885574	0.192448
TNFRSF13B	TSS20720	chr17:1684239	31.2812	148.35
HRAT92	TSS14886	chr7:560027-5	0	0.0193285
PTAFR	TSS4536,TSS5	chr1:28473676	3.42666	8.39552
TMEM132E	TSS7148	chr17:3290776	0	0.0288602
SAMD4A	TSS22084,TSS	chr14:5503432	1.81052	1.13557
ANKRD20A3	TSS8987	chr9:43089971	7.67E-06	5.67E-06
S100Z	TSS6413	chr5:76145825	0.467699	0.626207
ZNF667	TSS21453	chr19:5695069	0.766859	1.51832
BGLF5_1	-	chrEBV(Akata_	0	0.0800087
ATP10A	TSS18646	chr15:2592385	0	0.0290376
LOC101927502	TSS18536	chr9:84304627	0.0975997	0.0168041
FGF14	TSS17888,TSS	chr13:1023732	0.114297	0.266511
PDE9A	TSS8049	chr21:4407386	0	0.280746
COL16A1	TSS5215	chr1:32117847	0.238599	0.148902
CDX2	TSS2248	chr13:2853620	0	0.0147782
HEY1	TSS12124,TSS	chr8:80676244	0	0.774233
C20orf203	TSS28517	chr20:3121942	0	0.0627731
PGC	TSS6694	chr6:41704448	0	0
CDH12	TSS7709	chr5:21750972	0.126339	0.104945
CPAMD8	TSS32231	chr19:1700376	0.171903	0.0166278

CASC18	TSS19588,TSS	chr12:10609798	0	0
LINC00092	TSS25962	chr9:98782013-	0	0.0830973
LCMT1-AS1	TSS9763	chr16:25111884	0	1.54045
AIRE	TSS4360	chr21:45705720	0	0.0756941
CPNE9	TSS32012,TSS	chr3:9745490-9	0	0
OR2H2	TSS25827	chr6:29555682-	0	0.0721052
ANKLE1	TSS33162	chr19:17392450	1.64752	3.87667
LOC440704	TSS10332	chr1:190594019	0	0.27173
GAS1	TSS30454	chr9:89559276-	0	0.0363834
SH3RF1	TSS20114	chr4:170015406	0.449805	1.94929
LF1_1	-	chrEBV(Akata_	0	0
ANKRD20A3	TSS24641	chr9:67926794-	7.79E-06	5.79E-06
ABCG5	TSS8696	chr2:44039610-	0	0
SLA2	TSS1132	chr20:35240920	0.535119	0.386683
KCTD15	TSS29890	chr19:34287750	0.442992	1.90454
ARID3C	TSS24511	chr9:34621454-	0	0
CNGB1	TSS33212	chr16:57916240	0	0.0295218
MIR646HG	TSS29295	chr20:58713547	0	0.137649
UNC13B	TSS24853	chr9:35161988-	0.329357	0.631079
SPEG	TSS16142,TSS	chr2:220299699	0	0.00307739
SPATA12	TSS14923	chr3:57094468-	0.204158	0
PLEKHH2	TSS23199	chr2:43864438-	0	0.0617964
C17orf82	TSS20943	chr17:59489117	0	0.094753
LOC388882	TSS31287	chr22:23804268	0	0
LOC10013392C	TSS17785	chr9:69651360-	0.0406181	0.0150448
LCN10	TSS7516	chr9:139632618	10.7022	7.83419
GP5	TSS32701	chr3:194115549	0	0
LOC731424	TSS2627	chr4:185764449	0.10348	0.170207
C19orf45	TSS4391	chr19:7562444-	0.192957	0
CAPSL	TSS2357,TSS7	chr5:35904397-	0	0
E2F2	TSS16725	chr1:23832919-	1.0867	0.500725
SERF2-C15OR	TSS33302	chr15:44084170	0.000193805	0.000445226
THRA1/BTR	TSS7180	chr17:46371708	1.16346	0.258189
SLAMF1	TSS30388	chr1:160579608	2.97327	43.8007
KIAA1549	TSS1696	chr7:138516126	0.00340801	0.176311
ITGB2	TSS23288,TSS	chr21:46305868	9.49173	23.8798
TSPAN13	TSS218	chr7:16793350-	26.3541	11.5354
ESPNP	TSS30535	chr1:17017712-	0	0
LAMA1	TSS144	chr18:6941742-	0.0562385	0.00538245
SFTPA2	TSS6851	chr10:81315607	0	0
LY86-AS1	TSS6263	chr6:6346697-6	0	1.40872
TRPC4	TSS18967	chr13:38210770	0.192025	0.00292945
EYA4	TSS19294,TSS	chr6:133562494	0.219561	0.0980311
ZSCAN4	TSS4139	chr19:58180300	0	0
WWC2	TSS15598	chr4:184020460	0	0.0186675
CYP2G1P	TSS5648	chr19:41396730	0.248977	0
KCNA2	TSS19509,TSS	chr1:111136207	0.232599	0.0540388
CNNM1	TSS24913	chr10:10108889	0	0.0389925
FNDC7	TSS8993	chr1:109255559	0.12969	0.111548
MMRN2	TSS24461	chr10:88695297	0	0.00804256
OR2A7	TSS16950	chr7:143955788	1.02516	0.0936814
TMEM173	TSS20647,TSS	chr5:138855110	0.206847	0.411372
LAPTM4B	TSS8869	chr8:98787808-	1.12714	3.09362
XCL2	TSS16301	chr1:168510000	0	0
TTLL6	TSS16349,TSS	chr17:46839590	0	0

KCCAT198	TSS689	chr12:10569864	0	0.0169375
NLGN2	TSS7118	chr17:7311501-	0.0651583	0.331373
NME8	TSS21258	chr7:37888198-	0	0
LINC01359	TSS20480	chr1:65445259-	0	0
CAMK1	TSS26413	chr3:9799028-9	0	0.511734
STRIP2	TSS2821	chr7:129074270	0.245673	0.131029
EPDR1	TSS32619,TSS	chr7:37960162-	0.393962	0.733068
TFCP2L1	TSS22870	chr2:121974160	0	0.045991
DHRS7C	TSS289	chr17:9674750-	0	0
HES1	TSS23782	chr3:193853930	0	16.319
TLR8-AS1	TSS10959	chrX:12920935-	0	0.045409
LRP5	TSS1526	chr11:68080070	1.49772	1.64167
FAM53B-AS1	TSS29119	chr10:12639250	0	0.154366
BTLA	TSS30700	chr3:112182810	2.544	8.5731
RBFOX2	TSS18934,TSS	chr22:36134780	0.0723558	0.038866
LOC100130451	TSS19605	chr2:214141270	0	0
GFRA3	TSS9828	chr5:137588060	0	0
PYY2	TSS32117	chr17:26553580	1.75335	0.143091
LOC102546229	TSS28214	chr5:13376474-	0	0
ARHGDIG	TSS4098	chr16:330605-9	0	0.125073
LINC-0001	TSS10977	chr8:10332074-	0	0
LINC00189	TSS28673	chr21:30565810	0	0.00280738
SNORA75	TSS2211	chr2:232320510	0	0
DACH1	TSS29929	chr13:72012090	0.000715368	0.103918
IL7R	TSS24185	chr5:35856976-	3.93125	1.67118
UBOX5-AS1	TSS17642	chr20:3087556-	0	0.06741
NYX	TSS803	chrX:41306712-	0	0
ATP2B2	TSS15549	chr3:10365706-	0.00481144	0
CTRB1	TSS28160	chr16:75252880	0	0
HIST1H2BO	TSS16939	chr6:27861202-	2.09872	6.51352
LINC00114	TSS12195,TSS	chr21:40110870	0	0
AZIN2	TSS23621,TSS	chr1:33546713-	1.02575	0.371095
STS	TSS21346	chrX:7137471-	0.778823	0.737738
CYP7A1	TSS2041	chr8:59402736-	0	0.059586
RAB6C-AS1	TSS7246	chr2:130724160	3.05E-09	2.88E-08
RNVU1-19	TSS8891	chr1:149514080	0	0
LINC01163	TSS2039	chr10:1300842-	0	0.0113471
DLGAP2	TSS12143	chr8:1449531-	0.0378068	0.00757267
PRB3	TSS4572	chr12:11418840	0	0.0172919
LOC100128593	TSS19218	chr9:139640610	0	0.0254618
GMPR	TSS16388	chr6:16238810-	0.432839	0.359281
LOC101927901	TSS16946	chr12:68102820	0.56184	0
LYPD5	TSS1418,TSS2	chr19:44300070	0.234986	0
AASS	TSS9416	chr7:121713590	0.75288	0.475131
FCRL2	TSS20707	chr1:157715520	6.36398	4.24379
DNAJB5-AS1	TSS5877	chr9:34985408-	0	0
STBD1	TSS16983	chr4:77227178-	0	0.173876
SNORD76	TSS26020	chr1:173835770	0	0
MGC34796	TSS25825	chr1:62119913-	0	0.337821
PAPLN	TSS15806	chr14:73704200	0.632834	0.0512484
KCNT2	TSS10980	chr1:196194900	0.00175297	0
DNAJC5G	TSS12237	chr2:27498288-	0.243297	0.00368159
LOC100996324	TSS4862	chr18:12739480	0	0
CGREF1	TSS14846,TSS	chr2:27322220-	0	0.440575
LGALS1	TSS25671	chr2:64681326-	0.626497	0.59951



CARD17	TSS30253	chr11:10496319	0	0.151406
LINC00965	TSS31541	chr8:7125762-	0.11908	0.036957
RGS22	TSS23386,TSS	chr8:100973165	0	0
GH1	TSS23429	chr17:61994552	2.8309	0.694048
XKRX	TSS5727	chrX:100168430	0.0931911	0.120238
LOC400553	TSS33498	chr16:88133014	0	0.392101
VNN2	TSS16464,TSS	chr6:133065008	3.58838	2.16359
FAM26F	TSS9623	chr6:116782532	15.4933	10.8048
SLC35G3	TSS25201	chr17:33519538	0	0.126073
DBNDD1	TSS20927,TSS	chr16:90071272	0.771233	10.356
LOC145474	TSS10965	chr14:71954571	0	0.40448
SEMA3F	TSS9762	chr3:50192847-	0.174278	0.0674475
TSPEAR-AS2	TSS2305	chr21:45937091	0	0
GUCY1B3	TSS18538	chr4:156680124	0	7.63637
ADAMTS8	TSS25939	chr11:13027481	0	0.00923006
LINC00696	TSS2874	chr3:52096109-	0	0.0452609
HPN-AS1	TSS19514,TSS	chr19:35549962	0	0.4142
DNAJC12	TSS4817	chr10:69556426	0	0.247246
LINC01164	TSS1057	chr10:13360471	0	0
CLMN	TSS33998	chr14:95648275	1.07364	0.515313
NSUN7	TSS25992	chr4:40751913-	0.165297	0.237602
NF1P2	TSS32503	chr15:21122020	0	0
PDCD1	TSS20983	chr2:242792032	0.664359	1.19486
GAGE12D	TSS20223	chrX:49315880-	0.136012	0.00938905
HRNR	TSS14141	chr1:152184551	0	0.0664643
FGF17	TSS7773	chr8:21900263-	0	0
LOC730668	TSS32775	chr22:46402495	0.386126	0.0323072
LINC01021	TSS8543	chr5:27472398-	0	0
CYP2A7	TSS29021	chr19:41381341	0	0
CCDC68	TSS31172,TSS	chr18:52568739	0	0.108612
ADAM28	TSS47	chr8:24151552-	36.0121	14.2513
IL4I1	TSS6319,TSS8	chr19:50392912	5.47E-254	1.20959
CCDC180	TSS4162	chr9:100069909	7.74E-11	2.67E-09
NEFL	TSS4320	chr8:24808468-	0	0.0702617
GUCY1B2	TSS16781	chr13:51568646	0	0
RET	TSS8734	chr10:43572516	0	0
LAD1	TSS21633	chr1:201349965	0	0
NALCN-AS1	TSS15446	chr13:10136051	0.394208	0.028108
TDRD6	TSS15736	chr6:46655611-	0	0.0184947
LINC01556	TSS33538	chr6:28911560-	0	0
LINC00472	TSS33220	chr6:72117566-	0.0808499	0.00694512
HS6ST3	TSS6643	chr13:96743092	0	0.00633661
HMGA2	TSS25912	chr12:66218239	0	0.0568507
TAT	TSS14850	chr16:71600751	0.466766	0.0996834
LOC102546226	TSS11744	chr5:87704798-	0	0
SNORA44	TSS26775	chr1:28906892-	180.902	11.7045
HLX-AS1	TSS29758	chr1:221006104	1.52E-07	0.163384
MCF2L	TSS14862,TSS	chr13:11362351	0.573695	0.263256
FGF9	TSS18056	chr13:22245214	1.07025	0.236651
PALM3	TSS10359	chr19:14164178	0	0
MB21D2	TSS32822	chr3:192514604	0	0.544546
RGMA	TSS14312,TSS	chr15:93586635	0	0
SORBS2	TSS1002,TSS1	chr4:186506591	0.305107	0.0803634
OR5B12	TSS12288	chr11:58206592	0	0
EFCAB9	TSS32406	chr5:171621175	0	0

OTOGL	TSS25029	chr12:8060323	0	0.00815098
TMPRSS6	TSS1164,TSS5	chr22:3746147	0	0.0545423
XKR5	TSS30960	chr8:6666040	0	0.0273181
SPECC1L-AD	TSS22527	chr22:2466678	7.92E-07	5.75E-27
FGGY	TSS13316,TSS	chr1:59762624	0.293373	0.926271
LOC100506368	TSS26457	chr11:8666666	0	0
FGF14-AS2	TSS24765	chr13:1030469	0	0.705826
USP2-AS1	TSS6297	chr11:1192524	0	0.10886
KLHDC9	TSS29046,TSS	chr1:16106815	0.0723279	0.105201
DYTN	TSS15506	chr2:20751634	0	0
GAGE2C	TSS5896	chrX:49226170	0	0.00544991
IL5RA	TSS10501	chr3:3108007	0	0.052917
LMO2	TSS10759,TSS	chr11:3388012	4.90323	4.27653
CCDC110	TSS21260	chr4:18636633	0	0.258866
TEX40	TSS21551	chr11:6406786	0	0
LIMS3	TSS21009	chr2:11122262	1.17E-41	0.0183859
FBN1	TSS6537	chr15:4870050	0.00120565	0.06996
NTNG2	TSS14469	chr9:13503733	0.883954	0.309021
BASP1P1	TSS8235	chr13:2347116	0.0564033	0
P2RY2	TSS19336,TSS	chr11:7292934	0	1.06697
SAMD12	TSS10525,TSS	chr8:11920169	1.06923	0.129704
TMEM30B	TSS3772	chr14:6174408	0	0.0150953
MYADM	TSS12506,TSS	chr19:5436883	5.42546	2.91112
VTCN1	TSS4203,TSS8	chr1:11768620	0	0.00303837
MROH2A	TSS6996	chr2:23468432	0	0
LIMS3	TSS12709	chr2:11065600	2.14E-38	0.0184578
GRK7	TSS25608	chr3:14149704	0	0.0204451
LOC101927730	TSS12007	chr6:2884221	0	0.559062
PNMA5	TSS6695,TSS6	chrX:15215736	0	0
CDH23	TSS22830,TSS	chr10:7315669	0.613203	0.496405
CYBB	TSS24376	chrX:37639269	51.916	36.8759
MT1HL1	TSS603	chr1:23716740	0	0
PRDM5	TSS9489	chr4:12161306	0	0
TLCD2	TSS28788	chr17:1606083	0.494447	0.146295
LOC101928280	TSS25208	chr6:68936861	0	0
DNASE1L3	TSS29775	chr3:58178352	0	3.68393
EVPLL	TSS3979	chr17:1828107	0	0
LOC101928973	TSS8530	chr1:18114361	0	0
NXPH1	TSS24599	chr7:8473584	0	0.0103308
SOX5	TSS12560,TSS	chr12:2368523	0	0.132718
GAGE1	TSS4673	chrX:49363615	0	0.0227961
MATK	TSS11455,TSS	chr19:3777966	0.0845941	7.59035
POTEB2	TSS4997	chr15:2205185	0	0.00702558
LOC101927560	TSS17328	chr1:84267198	0.205668	0.017697
ANGPTL4	TSS2805	chr19:8429010	0.0256615	0.200603
GAPT	TSS18853	chr5:57787261	4.79949	3.7592
DDX26B-AS1	TSS30021	chrX:13465400	0	0
Qp-EBNA1_1	-	chrEBV(Akata_	0.21812	3.96584
PGAP1	TSS8380	chr2:19769772	1.16563	0.415556
ACPP	TSS9360	chr3:13203621	0.254108	0.0777867
LTBP1	TSS14308,TSS	chr2:33172368	0.00861123	0.0223912
BANK1	TSS14544,TSS	chr4:10271176	69.7757	72.6331
KDR	TSS26783	chr4:55944425	0	0
HYMAI	TSS28546	chr6:14432605	0.0342849	0.0280319
CSF1	TSS1373	chr1:11045323	0.297329	0.42049

TUBB4A	TSS22771,TSS	chr19:6494329-	0.621351	3.12405
LOC375196	TSS31474	chr2:39186428-	0	0.0917888
UBE2E1-AS1	TSS8895	chr3:23845514-	0	0
SH2D7	TSS12796	chr15:78384926-	0.217467	0
ZNF114	TSS21356,TSS	chr19:48773355-	0	0.359161
LINC00593	TSS28560	chr15:70127572-	0.250824	0.00925548
BAALC-AS1	TSS5403	chr8:104169217-	0	0
LOR	TSS25968	chr1:153232178-	0	0.304104
LINC01219	TSS3058	chr11:2012325-	0	0
KCNJ9	TSS10465	chr1:160051359-	0	0
SGIP1	TSS8590,TSS9	chr1:66999251-	0	0.00645817
LOC100505978	TSS28836	chr12:10707450-	0	0
LINC00654	TSS11563	chr20:5479217-	0.0121758	0.197909
SEC14L2	TSS23803	chr22:30792929-	0.793148	0.465843
XG	TSS501	chrX:2670092-	0	0.023719
HIST3H3	TSS14380	chr1:228612545-	0	0.360505
DUXAP10	TSS4136	chr14:19650037-	3.66E-07	0.182964
SLC4A4	TSS1311,TSS4	chr4:72053002-	0	0.00020518
TSPAN2	TSS18681	chr1:115590632-	0	0
HMP19	TSS22623	chr5:173472606-	0	0.0564983
CCL15	TSS1555	chr17:34324617-	0.127776	2.55158
PRRX1	TSS25483	chr1:170633312-	0	0
LINC00311	TSS10919	chr16:85316560-	0	0.13975
ADAMTS4	TSS18265	chr1:161159537-	0.0600598	0
PROSER2	TSS25329	chr10:11865396-	0	0.112118
CYP21A2	TSS18337	chr6:31973358-	0.164795	0.0398638
CFAP57	TSS10056	chr1:43638000-	0	0.000620825
LANCL1-AS1	TSS13966	chr2:211189435-	0.00573258	0.0831717
GJA4	TSS16829	chr1:35258598-	0	0.0665673
SPOCD1	TSS33977	chr1:32256022-	0	0
ARMCX4	TSS22188,TSS	chrX:100673250-	0.913553	0.678775
FAM90A25P	TSS6983	chr8:12272029-	0.192857	0.334038
GABRG3	TSS23569	chr15:27216428-	0	0.00800126
LL22NC01-81C	TSS22663	chr22:37361288-	0.0504993	0
PDGFRA	TSS15432	chr4:55095263-	0	0.0735949
TTLL2	TSS3974	chr6:167738570-	0	0.142901
NTN4	TSS7300	chr12:96051582-	0.0120911	0
CRMP1	TSS11105,TSS	chr4:5822490-	0	0.0222619
BAHCC1	TSS20612	chr17:79373520-	0.0494319	0.0296193
LINC01537	TSS33756	chr11:72281699-	0	0.0283111
WBSCR28	TSS8623	chr7:73275488-	0	0
FAM155A	TSS21885	chr13:10782087-	0	0.104879
KLHDC7B	TSS6705	chr22:50986467-	0.339527	0.342824
THEMIS	TSS19700,TSS	chr6:128029338-	0.360534	0.229028
PODXL2	TSS14008	chr3:127348007-	0.0408265	1.29613
ZNF385D	TSS23032	chr3:21462489-	0	0
C19orf84	TSS22764	chr19:51891542-	0	0
NT5C1B-RDH1	TSS30356	chr2:18735988-	3.54E-07	1.21E-34
LOC102724450	TSS16430	chr1:6264899-6	0	0
SEMA7A	TSS21958,TSS	chr15:74701629-	21.4298	42.4568
SPRY4	TSS19114,TSS	chr5:141689997-	0	0.0675786
LINC01592	TSS5555	chr8:69824037-	0	0.00489021
HID1	TSS2124	chr17:72946838-	0.446436	0.216824
ERICH4	TSS5545	chr19:41949062-	0	0
LOC101927314	TSS19099	chr6:97753461-	0	0

SPTLC3	TSS28561	chr20:12989626	0.294713	0.0789585
CUEDC1	TSS12428,TSS	chr17:55938603	0.108629	0.224215
NOX3	TSS18915	chr6:155716507	0	0
ZFP91-CNTF	TSS14026	chr11:58346586	0.527389	2.94E-13
PIPOX	TSS22433	chr17:27369917	0	0.0431291
LINC01122	TSS11550	chr2:58747887-	0	0.00520973
PNPLA3	TSS10710	chr22:44319618	0	0.17127
C20orf173	TSS353	chr20:34108569	0	0
TFAP2A-AS1	TSS15066	chr6:10412550-	0.146603	0
OR1F2P	TSS27711	chr16:3265561-	0	0
NR4A3	TSS18986	chr9:102584136	1.6778	1.68313
MYO10	TSS29576	chr5:16662015-	0.0341734	0.160398
UNC80	TSS498	chr2:210636716	0	0
CECR3	TSS5173	chr22:17737749	0	0.0554327
KRTAP5-10	TSS15968	chr11:71276608	0	0
ADAMTS14	TSS27884	chr10:72432558	0	0
MKX	TSS13123	chr10:27961802	0	0.0464896
PLXNA4	TSS12998,TSS	chr7:131808090	0.0258703	0.159116
SATB1	TSS16156,TSS	chr3:18389132-	8.95624	10.1845
FRMD3	TSS11278,TSS	chr9:85857904-	0	0.0834214
OLFML3	TSS535	chr1:114522012	0	0
TMOD1	TSS13806,TSS	chr9:100263467	2.30E-07	0.832453
RSPH1	TSS4200	chr21:43892596	0	0.187528
HIST1H3B	TSS12505	chr6:26031816-	0	0
MYEOV	TSS17965	chr11:69061604	0	0.00163705
LOC102467224	TSS25392	chr5:117066055	0	0.00504296
TTC21B-AS1	TSS26254	chr2:166790366	0	0.432788
C16orf89	TSS12441	chr16:5094122-	0.301568	0
MILR1	TSS14709	chr17:62461568	0	2.57912
TNFRSF17	TSS22441	chr16:12058963	8.11074	13.0088
DNM1	TSS15608	chr9:130965633	0.199636	0.165754
ERICH3	TSS24859	chr1:75033794-	0.250453	0.382976
REPS2	TSS18296	chrX:16964813-	0.691538	0.269435
ZNF483	TSS10603	chr9:114287438	0.655434	0.113945
LINC00702	TSS5911	chr10:4249067-	0	0
PTRF	TSS17173	chr17:40554466	0.0240496	0.186146
CDK15	TSS3510,TSS8	chr2:202671157	0	0.0558207
FBLN2	TSS30727,TSS	chr3:13590624-	0.176482	0.048205
SH3GL2	TSS22178	chr9:17578951-	0.00406147	0
ZNF385C	TSS16790	chr17:40177593	0	0.305596
FOXA2	TSS10412,TSS	chr20:22561647	0	0
SHCBP1L	TSS7287	chr1:182868999	0.00711069	0.000978932
SYT12	TSS13527,TSS	chr11:66790189	0	0
LINC00211	TSS25218,TSS	chr2:38053389-	0	0
CCL4	TSS19456	chr17:34431219	15.452	459.876
C1orf115	TSS19426	chr1:220863627	3.94587	2.76118
OR2T29	TSS10954	chr1:248721844	0	0
TMEM150B	TSS18594	chr19:55824168	0	0.126538
ADAMTS15	TSS31444	chr11:13031886	0	0
SAMD11	TSS32374	chr1:861120-87	1.56E-08	1.61E-08
FAM124A	TSS17639	chr13:51796469	0	0.0767031
GIMAP1-GIMA	TSS13939	chr7:150413644	0.0010393	0.814126
ADAMTS5	TSS7449	chr21:28290230	0.0799137	0.0169865
IGFL2	TSS1010,TSS2	chr19:46651038	0	0
MTMR11	TSS2517,TSS3	chr1:149900542	0	0.107893

LOC101929577	TSS18505	chr4:10692447	0	0.11528
SMAD1	TSS21256,TSS	chr4:14640295	0	0.154808
SIRPG-AS1	TSS12849	chr20:1614153	0	0.00984465
EFCAB1	TSS22434	chr8:49627473	0	0
KRT77	TSS18460	chr12:5308341	0	0.0205736
LOC643441	TSS20356	chr1:11373940	0	0.0184547
KIAA1644	TSS27313	chr22:4463955	0	0
TAS2R46	TSS6467	chr12:1121396	0	0.225855
ZNF385A	TSS33452,TSS	chr12:5476291	3.19036	3.36668
TARID	TSS27588	chr6:13382338	0	0
NUCB1-AS1	TSS2125	chr19:4941418	0	0.244153
KLRC1	TSS20369,TSS	chr12:1059486	0	0.0638295
CYP2J2	TSS1088	chr1:60358979	0	0.286519
TCL1A	TSS25384	chr14:9617630	57.9886	129.045
ZNF556	TSS28990	chr19:2867332	0	0.0011015
CRYBA1	TSS10545	chr17:2757387	0	0
TP73	TSS14594,TSS	chr1:3569128	0.246249	0.276399
KLK2	TSS1654	chr19:5137668	0.149591	0.193019
VIPR1	TSS12982,TSS	chr3:42530790	1.61765	0.500579
ACTL7B	TSS32541	chr9:11161686	0	0
HP09025	TSS8777	chr17:7768107	0.258952	0.0480994
RAI1-AS1	TSS5646	chr17:1766246	0	0
SYBU	TSS12249,TSS	chr8:11058640	2.10112	1.4612
FAM101B	TSS21981	chr17:289770	2.25776	4.24265
MGC16025	TSS33236	chr2:24011502	0	0.0658728
FHL2	TSS10711,TSS	chr2:10597728	0	0.0476899
TMEM72	TSS8540	chr10:4540676	0	0
BKRF2_1	-	chrEBV(Akata_	0	1.28929
DCHS1	TSS911	chr11:6642554	0.161399	0.0609144
TRIM69	TSS6490	chr15:4502855	0.14406	0.390493
C15orf54	TSS28890	chr15:3954286	0.12836	0
MTTP	TSS11368	chr4:10048523	0	0.0428386
FLT1	TSS18250	chr13:2887448	0.583228	0.281699
LDHD	TSS24200	chr16:7514575	0	0
ADCY10	TSS27054	chr1:16777862	0	0
CAMK2B	TSS20023	chr7:44256748	0	0.0770684
SPINK2	TSS21311,TSS	chr4:57676025	0	0.072997
ERAS	TSS29947	chrX:48684922	0	0.0980881
DNAJC5B	TSS2553	chr8:66933790	0.687118	0.0621149
LOC102723373	TSS18623	chr16:5340740	0	0
LRRN1	TSS2142	chr3:3841120	0.617408	0.414821
GDF5	TSS31549	chr20:3402114	0	0
RGSL1	TSS31848	chr1:18241925	0	0
EGR2	TSS13213,TSS	chr10:6457175	1.07825	1.15934
IFNL1	TSS6779	chr19:3978696	0.0604567	0
TMEM178B	TSS23984	chr7:14077403	0	0.0124198
TTLL9	TSS21137	chr20:3045850	0	0
ZSCAN5B	TSS20571	chr19:5670105	0	0
HES7	TSS9687	chr17:8023907	0.388969	0.17216
CABLES1	TSS12138,TSS	chr18:2071452	1.98218	4.12347
FAM81A	TSS16953	chr15:5973037	0	1.13396
CERS6-AS1	TSS25615	chr2:16962846	8.05E-18	0.373075
DPEP2	TSS32052	chr16:6802129	3.154	1.33249
ROPN1L-AS1	TSS10470	chr5:10440846	0	0
BCAR1	TSS12024,TSS	chr16:7526292	0	0.130868

LOC100287834	TSS17739	chr7:62809447-	0.267044	0.0265086
ST8SIA6-AS1	TSS32496	chr10:17428934-	0	0
ACE	TSS29352,TSS	chr17:6155442-	0	0
ARL5C	TSS24016	chr17:37313146-	0	0
NR2E3	TSS22930	chr15:72102887-	0.477017	0.140727
LRRRC16B	TSS29504	chr14:24521209-	0	0.174685
PERM1	TSS923	chr1:910578-9-	0	0.100253
CPNE8	TSS13457	chr12:3904600-	0.265781	1.08739
PROK1	TSS19703	chr1:11099378-	0.242087	0
TREML3P	TSS28461	chr6:41176291-	0.171824	0.799164
LINC01227	TSS5705,TSS9	chr16:8060099-	0	0
GAS2L2	TSS17620	chr17:3407152-	0	0
SLC16A9	TSS24861	chr10:6141052-	0.0109138	0.558905
JAKMIP3	TSS10890	chr10:1339183-	0	0.0306245
ABLIM2	TSS2794,TSS5	chr4:7967036-}	0.82808	1.43481
ZFH4	TSS9779	chr8:77593514-	0.045352	0.0493562
GSDMC	TSS33475	chr8:13076044-	0	0.0380127
HOGA1	TSS19878	chr10:9934410-	0	0
SNORA26	TSS20740	chr4:53579415-	0	25.6331
GNRH2	TSS15522	chr20:3024267-	0	0
LOC441081	TSS30061	chr5:69782327-	0.7407	0.489515
SMOC1	TSS22946	chr14:7034611-	0	0
SLC7A4	TSS8658	chr22:2138300-	0	0
SMIM10L2A	TSS7443	chrX:13455586-	0	0.049056
LINC00881	TSS18107	chr3:15680766-	0	0.310804
LOC102724589	TSS5470	chr10:1167544-	0	0
DCLK1	TSS17228,TSS	chr13:3634278-	0.000279219	0.0125129
FSIP1	TSS29442	chr15:3989223-	0	0.134162
PSORS1C2	TSS25890	chr6:31105310-	0	0.0983723
PIFO	TSS4881	chr1:11188918-	0	0.296123
PNMT	TSS12987,TSS	chr17:3782423-	0	0
RNF130	TSS12157	chr5:17938206-	2.1926	13.3004
MID2	TSS21416	chrX:10706908-	0.152938	0.453707
ECSCR	TSS26903	chr5:13878424-	0	0
MYOZ2	TSS20536	chr4:12005693-	0	0
MSI1	TSS29320	chr12:1207791-	0	0.0258584
SLC16A10	TSS21679	chr6:11140878-	0.229557	0.260638
SCN4B	TSS16131,TSS	chr11:1180040-	0	0
SLC31A2	TSS10911	chr9:11591323-	2.28241	0.883899
OR10G2	TSS11554	chr14:2210199-	0	0
LOC101928880	TSS7949	chr16:8822788-	0	0.19545
MFAP5	TSS32301	chr12:8798538-	0	0.0125305
PCAT1	TSS13462	chr8:12802539-	0	0.0884364
CFHR4	TSS4930	chr1:19685714-	0	0
LOC102723709	TSS25594	chr9:67779122-	0	0.295943
LINC01229	TSS24482,TSS	chr16:7980436-	0	0
FCER1G	TSS3370	chr1:16118508-	3.43509	0.228876
KLK1	TSS4868	chr19:5132240-	5.8753	42.0466
LINC01480	TSS969	chr19:4204185-	15.0895	19.5504
ABCB11	TSS24711	chr2:16977944-	0	0
NRG2	TSS17860	chr5:13922636-	0.117237	0.0453697
TRIM16L	TSS33627	chr17:1862540-	0.252618	5.89327
LOC339622	TSS8792	chr21:2621286-	0	0.0379828
MIXL1	TSS7037	chr1:22641131-	0	0.50901
CCDC140	TSS7348	chr2:22316286-	0	0

ITIH2	TSS9380	chr10:7745235-	0	0.0106784
PRSS3P2	TSS11235	chr7:14247875(-	0	0.278993
OR2T5	TSS8078	chr1:24865188(-	0	0
GAGE10	TSS17060	chrX:49160124-	0.298122	0
GOLGA7B	TSS18088	chr10:9960999(-	0	0.0154098
DPCR1	TSS14824	chr6:30908776-	0	0.0126058
SPDYA	TSS10306,TSS	chr2:29033699-	0.706726	0.73706
CCL23	TSS1073	chr17:3434009(-	0.285528	5.58556
BCL2A1	TSS25373	chr15:8025323-	6.75743	65.4994
SHROOM4	TSS27200	chrX:50334642-	0	0.0055245
SEMA4B	TSS14345,TSS	chr15:9072815-	32.4717	10.2965
PRO1804	TSS13585	chr17:6722911(-	0	0.0862606
DYNLRB2	TSS14730,TSS	chr16:8057463(-	0	0
LOC10192688(-	TSS33260	chr20:2516530-	0	0
DARS-AS1	TSS27090	chr2:13674274(-	0.531972	0.322427
SLC1A1	TSS5101	chr9:4490426(-	0	0
ADGRF2	TSS12509	chr6:47624325-	0	0
PCDHB15	TSS28144	chr5:14062491(-	0	0
LINC01605	TSS9152	chr8:37263981-	0	0.174276
GPR1	TSS20693,TSS	chr2:20704004-	0	0.0973784
TPRXL	TSS26352	chr3:13978806-	0	0.0192764
GRIK2	TSS203	chr6:10184686(-	0	0.05833
KCNH6	TSS22342	chr17:6160069(-	0.0837843	0.00926255
LOC101926964	TSS22480	chr1:61125302-	0	0
DLGAP1-AS3	TSS1612	chr18:3878179-	0	0
SNORA76C	TSS19194	chr17:6222369(-	0	0
RNF217	TSS25466,TSS	chr6:12528369(-	0	0.0331739
KRT73-AS1	TSS30969	chr12:5300363(-	0	0
CAMK2N2	TSS9307	chr3:18397700(-	0	0.10827
LOC101929452	TSS34077	chr2:7202857(-	0	0
MIA-RAB4B	TSS5184	chr19:4128144-	3.68E-73	0.866474
PCDHB13	TSS29463	chr5:14059349(-	0	0
CD160	TSS12562	chr1:14569579-	0.586875	0.42411
DTX1	TSS13537	chr12:1134956(-	2.35094	4.12548
OR2G6	TSS5347	chr1:24868494-	0	0.206058
C16orf90	TSS13310	chr16:3543483-	0	0
RUNDC3B	TSS27843	chr7:87257728-	0	0.0633353
MIR635	TSS400	chr17:6642059-	0	38.1968
BIRC6-AS2	TSS14468	chr2:32782587-	0	0
BEND5	TSS7296	chr1:49193194-	3.09756	2.03183
AMBN	TSS16925	chr4:71457974-	0	0
SCN11A	TSS19542,TSS	chr3:38887259-	0	0.0279134
CHRNA7	TSS7789	chr15:3232268(-	0.139471	0.078272
SNORA74B	TSS26485	chr5:17244772(-	23.5248	0.621231
SLC47A2	TSS20549	chr17:1958162-	0	0
PDGFRB	TSS11653	chr5:14949340-	0.180393	0.0988797
CCR6	TSS1154,TSS2	chr6:16752529(-	12.2987	29.6774
C1orf185	TSS876	chr1:51567905-	0	0
KLRC4-KLRK1	TSS21572	chr12:1052495-	0.548834	0.000906767
GDPD2	TSS12889	chrX:69642880-	0	0
LOC10192959(-	TSS2618	chr4:10878463(-	0	7.67E-12
NF1P2	TSS13107	chr15:2213318(-	0	0
LOC101928034	TSS11855	chr1:15351821-	0	0
NCAM1	TSS32772	chr11:1128319(-	0.113085	0.106951
SCARF1	TSS8758	chr17:1537151-	0.462063	0.314716

ADAM21P1	TSS15353	chr14:70712469	0	0.0171512
NLGN4Y	TSS15470,TSS	chrY:16634487	0	0.0624005
SOCS3	TSS21717	chr17:76352857	1.45985	1.30597
GAD2	TSS31319	chr10:26505239	0	0
SERPINB5	TSS28720	chr18:61144149	0	0.00436244
FAM64A	TSS27690	chr17:63477349	0	0.339355
STARD4-AS1	TSS7462	chr5:110847929	0.0778147	0.203474
RAMP2-AS1	TSS28624	chr17:40905946	0	0.127942
SCARA5	TSS20470	chr8:277273989	0	0.0080991
TSIX	TSS17004	chrX:73012039	0.0194191	0.0141001
ITLN2	TSS21398	chr1:160914819	0	0
UNC13A	TSS29797	chr19:17712136	0.103474	0.0200149
CD209	TSS26484	chr19:78048809	0.023433	0.0175516
KRT18	TSS24399,TSS	chr12:53342654	0.731123	1.32609
IL31RA	TSS27290,TSS	chr5:551472069	0	0
CDON	TSS21828	chr11:12582679	0	0.102348
ULBP2	TSS10729	chr6:150263079	0	0.0260194
LOC101928404	TSS14717	chr1:163131464	0	0
FGD4	TSS12049,TSS	chr12:32638909	0.382416	0.109503
MYH11	TSS2640	chr16:15796999	0.126833	0.224837
LINC00664	TSS4053	chr19:21666516	0.0116032	0.00898079
SPRY4-IT1	TSS1510	chr5:141697199	1.35606	0.0619466
FOXP1-AS1	TSS13229	chr3:713389089	0	0
CTB-178M22.2	TSS25058	chr5:167656589	0	0
PTGES	TSS1767	chr9:132500614	0	0
SNORA53	TSS6112	chr12:98993419	26.2576	3.92147
C7orf71	TSS22233,TSS	chr7:266774899	0	0.256616
OVOL3	TSS24693	chr19:36602104	0	0
LOC101929524	TSS12015	chr5:166160349	0	0
CACNA1S	TSS6940	chr1:201008639	0	0
CD6	TSS8027	chr11:60739119	5.35297	4.58061
GAGE12D	TSS16102,TSS	chrX:492967689	0.141253	0.0566188
TRNP1	TSS16001	chr1:273201949	0	0.253601
GAGE2C	TSS22191,TSS	chrX:491975959	0.165175	0.0102586
LOC101927795	TSS14980	chr2:201645219	0	0
PLAU	TSS977	chr10:75670869	0	0.131437
GRM1	TSS19961,TSS	chr6:146348919	0.025627	0.00495221
EDA	TSS8621	chrX:688359109	0.122689	0.012638
LOC440173	TSS13371	chr9:896233659	0	0
LINC00461	TSS14068,TSS	chr5:878365969	0	0
C1orf106	TSS2258,TSS4	chr1:200860629	0.00523827	0.0974288
SPON1	TSS10495	chr11:13984189	0.788554	0.331087
CLEC17A	TSS15247	chr19:14693899	24.0373	97.0489
SCARNA22	TSS6471	chr4:19763629	0	0
CMTM8	TSS2965	chr3:322801709	0.913964	2.54392
PPP1R3C	TSS34090	chr10:93388199	0	0
DCHS2	TSS1821,TSS1	chr4:155155529	0	0.0989378
SLC30A8	TSS11028,TSS	chr8:117962519	0	0
DUSP6	TSS8116	chr12:89741609	1.07582	0.439854
LINC00309	TSS30310	chr2:644122129	0.0796861	0.0102802
GPR15	TSS27529	chr3:982507429	0.268844	1.51801
PKP3	TSS6186,TSS8	chr11:39259894	0	0
ST7	TSS576	chr7:116593389	1.15058	2.90911
CR1	TSS6749	chr1:207669479	2.39532	3.56081
LOC102723709	TSS23427	chr9:450032339	0	0.295943



SCO2	TSS15715,TSS	chr22:50961996	2.26943	19.1902
SRMS	TSS1532	chr20:62171276	0.111907	0.0288815
SIRPG	TSS33391	chr20:1609797-	0	0.181486
S100A16	TSS32452	chr1:153579366	0	0.215113
ADAMTS10	TSS8881,TSS9	chr19:8645123-	0.0181793	0.0707599
ALDH5A1	TSS14536	chr6:24495196-	3.4184	3.58786
MYLK2	TSS29304	chr20:3040717-	0.0158748	0
M1AP	TSS17909,TSS	chr2:74785009-	0	0.0163104
DOC2A	TSS16213,TSS	chr16:30016834	0	0.191294
CD3D	TSS859	chr11:11820978	1.31829	1.35176
C2CD4D	TSS33231	chr1:151810338	0	0.190663
SNORA66	TSS25311	chr1:93306275-	0	0
HULC	TSS10751	chr6:8652441-8	0	0
RSAD2	TSS2288	chr2:7017795-	0.560848	0.385875
MTOR-AS1	TSS119	chr1:11203954-	0	0
ULBP3	TSS34023	chr6:150385742	1.31974	0
SHROOM3	TSS30209	chr4:77356252-	0.0307379	0.0396365
ETV3L	TSS31263	chr1:157061834	0	0.130782
APOA1	TSS30902	chr11:11670646	0	0.0442655
DMRT1	TSS34081	chr9:841689-96	0	0.0157064
SLC1A2	TSS1199,TSS3	chr11:3527275-	0.0290578	0.00892419
C2orf78	TSS7553	chr2:74011315-	0	0
MAMDC2-AS1	TSS16600	chr9:72768049-	0	0
SCIMP	TSS3894	chr17:5112215-	6.36002	6.48812
HIST1H2BI	TSS3189	chr6:26273203-	0	0.718088
RGS4	TSS20986,TSS	chr1:163038398	0	0
C9orf152	TSS9903	chr9:112961848	0	0
RAB17	TSS21142	chr2:238482964	0	0.00864465
H2BFM	TSS22162	chrX:103294518	0	0.00512019
FLJ46906	TSS12880	chr6:139012804	0	0.0774739
RNU4ATAC	TSS29707	chr2:122288458	0	0
A2M	TSS12287	chr12:9220303-	0	0
CCDC153	TSS10205	chr11:11906096	0	0.0538772
LINC00521	TSS10848,TSS	chr14:94463618	0	0
LOC101928911	TSS12750	chr6:88494577-	0	0.104861
SHB	TSS5088	chr9:37915894-	0.170934	0.220454
VDR	TSS10225	chr12:48235318	0.530027	1.0715
MYRFL	TSS11856	chr12:70219102	0	0.0254815
KCNN1	TSS3608	chr19:18062110	0.0669664	0.000810069
USP32P1	TSS12055	chr17:16690208	1.17256	1.13967
LOC101928222	TSS2169	chr2:20189964-	0	0
PCSK2	TSS17781,TSS	chr20:1720675-	0	0.00715745
TTLL7	TSS30790	chr1:84335056-	0.2036	0.139048
SLC2A4	TSS21926	chr17:7185053-	0	0.0973954
SPTSSB	TSS24205	chr3:161062578	0	0.0452677
CTSS	TSS18028	chr1:15070267-	35.2152	32.5235
C11orf94	TSS7808	chr11:45928088	0	0
LOC100272216	TSS9333	chr5:68926979-	0.630399	0.507858
UGT2B15	TSS541	chr4:69512314-	0	0
ENPP7	TSS26319	chr17:77704864	0	0.0381573
GAS2L1P2	TSS16424	chr9:99837952-	0	0
GRIP2	TSS1846	chr3:14530618-	0	0
FAM129C	TSS12843	chr19:17634108	17.8524	10.0535
DKK4	TSS32975	chr8:42231585-	0	0
LINC00469	TSS4246	chr17:71745408	0	0

GPR141	TSS25149	chr7:37779995-	0	0
VWF	TSS24990	chr12:6058039-	0	0.00372272
CA12	TSS4766	chr15:63615729	0	0.0646058
EBF2	TSS18274	chr8:25699245-	0.00886128	0.00685764
PANX2	TSS21864	chr22:50609159	1.66175	1.3311
LIPC	TSS14786	chr15:58724174	0	0
MURC	TSS13250	chr9:103340360	0	0.0330529
PCAT29	TSS29996	chr15:69884538	0	0
SLC7A8	TSS3025,TSS3	chr14:23594509	0.0512304	0.285475
SPIN3	TSS33628	chrX:57002802-	1.35994	1.41123
FGD5	TSS17863	chr3:14860468-	0.116422	0
GYPB	TSS10072	chr4:144917250	0	0.351073
DYX1C1	TSS5180	chr15:55709959	1.03158	9.08E-19
LOC101927468	TSS8934	chr1:147680369	0	0
SNORA51	TSS8932	chr20:2635712-	0	0
PRUNE2	TSS18988,TSS	chr9:79226291-	0.0876837	0
HIST1H4L	TSS21079	chr6:27840925-	0	0
LINC00299	TSS9116	chr2:8147900-8	0	0.01761
LOC101059948	TSS32293	chr19:49521504	0	0
PKP2	TSS33252	chr12:32943679	0	0.0395662
APOD	TSS22142	chr3:195295579	0.649022	0
MYO1B	TSS19087,TSS	chr2:192110100	0.254291	2.16798
COLCA1	TSS17852,TSS	chr11:11116417	0.432965	0.160903
PCDHB12	TSS34055	chr5:140588290	0.0900419	0
RCVRN	TSS7531	chr17:9801026-	0	0
RAB31	TSS820	chr18:9708227-	14.7067	10.5365
RRAD	TSS30	chr16:66955587	0	0.107587
SMARCA5-AS	TSS6774	chr4:144434624	5.35E-06	3.90E-07
ELL3	TSS29551	chr15:44064797	10.3244	5.61462
SYDE2	TSS21781	chr1:85623355-	0.293606	0.241423
SLC2A10	TSS7130	chr20:45338278	0.0922375	0.103114
CCL3	TSS14267	chr17:34415609	3.22145	607.947
LOC101927838	TSS1081	chr17:2135971-	0	0.771248
LOC100507175	TSS14784	chr12:67913867	0	0.0805048
HOTS	TSS15344	chr11:2013637-	0	0.0780667
ALS2CL	TSS12085,TSS	chr3:46710484-	0.358284	0.122541
SYTL2	TSS20568,TSS	chr11:85405264	0.172723	0.238205
XAF1	TSS4062	chr17:6659155-	2.26402	2.58559
KHDRBS2	TSS7651	chr6:62389864-	1.3289	0.393425
MEP1A	TSS33342	chr6:46761093-	0	0.0116841
CNPY1	TSS25352	chr7:155293959	0.0403329	0
KCNK12	TSS21482	chr2:47747914-	0	0.246176
TRPC3	TSS13201,TSS	chr4:122800189	0	0.0510095
LINC01006	TSS26668	chr7:156264799	0	0
COCH	TSS26284	chr14:31343740	13.4766	10.7783
TLL1	TSS2371	chr4:166794409	0.0586999	0
NUDT12	TSS7477	chr5:102884559	0.0635627	1.50066
SAA2	TSS26502	chr11:18259779	0	0.0860305
WDR49	TSS27106	chr3:167196479	0.0171831	0.0133032
ANKRD20A12F	TSS1400	chr1:142697420	0.607881	0.0580014
NBL1	TSS10624,TSS	chr1:19969722-	0	0.0720803
CCDC179	TSS11190	chr11:22868467	0	0
IHH	TSS13856	chr2:219919147	0	0.118608
STOX2	TSS26381	chr4:184826508	0.0836256	0.0431455
SH3TC2	TSS7334	chr5:148361719	0.0331523	0.0158767

FAM78B	TSS17521	chr1:16603925	0	0.29487
FIBCD1	TSS17535,TSS	chr9:13377782	0.014119	0
ADCY1	TSS16629,TSS	chr7:45613738	0.0980613	0.0630142
LINC01340	TSS9807	chr5:96840399	0	0.172585
ADGRG1	TSS16059,TSS	chr16:5765360	0.141002	0.0544884
P2RY6	TSS13461,TSS	chr11:7297554	0	0.0731739
ADGRE4P	TSS19944	chr19:6952510	0	0.0251639
FGF7	TSS32444	chr15:4971537	0	0.0199763
COLEC11	TSS25430,TSS	chr2:3642421	0	0.0154013
KRT1	TSS21605	chr12:5306851	0	0.00471025
LINC01399	TSS1621	chr22:3551581	0.0216379	0.524456
GAS2	TSS12973,TSS	chr11:2268815	0.202012	0.104292
NGF	TSS13361	chr1:11582853	0	0
MYBPH	TSS26713	chr1:20313693	0	0
SLC22A31	TSS29521	chr16:8926216	0	0
PP14571	TSS5576	chr2:24138883	0	0.296618
MLLT4-AS1	TSS4764	chr6:16822456	0	0.0451621
PCDHGC4	TSS21140	chr5:14086474	0.124065	2.53981e-316
CLNK	TSS22937	chr4:10491837	0	0.0515415
LRR6	TSS31207	chr8:13358420	0	0
FAM151A	TSS2099	chr1:55074849	0	0.0614388
ZNF679	TSS567	chr7:63688851	0	0.0109817
HIST1H1T	TSS23760	chr6:26107639	0	0
SLC6A3	TSS6215	chr5:1392904	0	0.274106
CD3G	TSS25515	chr11:1182150	0.947096	0.536334
CEBPA-AS1	TSS32332	chr19:3379376	0	0.111081
PNPLA1	TSS20252,TSS	chr6:36210944	0	0.0909456
RAB3IL1	TSS23377,TSS	chr11:6166476	0	0.0292614
NEURL1	TSS18132	chr10:1052537	0.0301529	0.335599
BGLF3_1	-	chrEBV(Akata_	0	1.44E-14
KIF6	TSS21711,TSS	chr6:39302875	0	0.0708398
IER2	TSS15105	chr19:1326128	40.1741	35.7831
ZNF711	TSS21819	chrX:84498996	2.12625	0.87927
ADIRF	TSS24555	chr10:8872818	0	0.384218
TEX41	TSS6719	chr2:14542553	0	0.0139707
NAV2	TSS29357,TSS	chr11:1937227	0.12116	0.121836
LOC643072	TSS11002	chr2:16047180	0.328031	0.0995537
RHOXF1	TSS165	chrX:11924301	0	0
GPR4	TSS17662	chr19:4609302	0	0
CFAP99	TSS8179	chr4:2420671	0	0
C1orf95	TSS518	chr1:22673650	0.0442502	0.261074
FSTL1	TSS4025	chr3:12011306	0	0
PLIN4	TSS12068	chr19:4502191	0.181981	0.0886635
LINC01093	TSS20111	chr4:18581415	0	0
ITGAX	TSS25079	chr16:3136645	0.882373	0.41968
LOC10012823	TSS31316	chr11:1339021	0	0.0605553
LINC00992	TSS28582	chr5:11675120	0	0.0551823
F2RL2	TSS16028,TSS	chr5:75911306	0	0.0401061
NAALADL2	TSS2531	chr3:17457711	0	0.063465
RAET1L	TSS24501	chr6:15034126	0	0
C10orf55	TSS16620	chr10:7566972	0	0
MSANTD3-TM	TSS9751	chr9:10320418	0	0.192772
FBXO47	TSS28749	chr17:3709268	0	0
KIAA1217	TSS20629,TSS	chr10:2398367	0	0.0166081
LOXL2	TSS26154	chr8:23154409	0.354764	0.478304

ADTRP	TSS29671	chr6:11713887-	1.62952	0.394397
EXTL1	TSS2012	chr1:26348270-	0	0.00279588
SARDH	TSS26863,TSS	chr9:13652868-	0	0.010575
INSRR	TSS10845	chr1:15681066-	0	0.0160292
PTGER2	TSS17984	chr14:5278101-	0.450948	0.139656
MMP20	TSS14478	chr11:1024475-	0	0.144348
STK32B	TSS17097	chr4:5053243-	0	0.0378033
CFAP61	TSS10617,TSS	chr20:2003315-	0.168747	0.018145
TKTL2	TSS16484	chr4:16439224-	0.585584	0
PRTFDC1	TSS6575	chr10:2513753-	0	0.111308
ANO4	TSS16579,TSS	chr12:1011883-	0	0.00177695
LOC101928891	TSS4880	chr22:2131137-	0	0
LTBR	TSS13954,TSS	chr12:6484533-	0.634207	0.423376
SUCNR1	TSS25888	chr3:15159143-	0	0
MYL2	TSS32979	chr12:1113486-	0	0
RHOXF2	TSS25307	chrX:11920624-	0	0
CTSW	TSS10468	chr11:6564728-	1.66097	0.0858108
SOX13	TSS15368	chr1:20404224-	0.0145872	0.0107392
GBE1	TSS15606	chr3:81538849-	5.50372	13.9817
GYLTL1B	TSS23896,TSS	chr11:4594317-	5.40165	2.84303
SIGLEC15	TSS28580	chr18:4340554-	0	0
DNMT3B	TSS28469,TSS	chr20:3135019-	0.00376002	0
OPN1SW	TSS10892	chr7:12841254-	0	0.0346954
LOC101929372	TSS24755	chr22:1806292-	0	0.193186
RPGRIP1	TSS20694	chr14:2175613-	0	0
ADGRG5	TSS20446,TSS	chr16:5757633-	1.40237	0.507304
RNF144A	TSS33253	chr2:7057522-	0	0.33005
ZNF311	TSS22688	chr6:28962593-	0	0.153012
G6PC	TSS11033	chr17:4105281-	0	0.0164715
TIMP3	TSS26027	chr22:3319680-	0	0.0970534
NUGGC	TSS21165	chr8:27879480-	0.847386	0.42433
LOC100507477	TSS17171	chr6:14029745-	0	0
GRIP1	TSS16375	chr12:6674121-	0.180589	0.0798565
LOC105376671	TSS1070	chr11:2749327-	0	0.0546856
LZTS1-AS1	TSS14637	chr8:20133283-	0	0
ARHGAP40	TSS16916	chr20:3723057-	0	0
MPPED1	TSS6149	chr22:4380801-	0	0
ASB13	TSS17754	chr10:5680819-	0.113988	2.85648
TM4SF20	TSS14189	chr2:22822687-	0	0.0758721
EPPK1	TSS23965	chr8:14493949-	0.577396	0.130392
LOC101928994	TSS416	chr10:7097508-	0	0.0913931
BDLF3.5_1	-	chrEBV(Akata_	0	0.0805887
TNFAIP3	TSS14367	chr6:13818832-	7.47561	12.6668
BFSP2	TSS14739	chr3:13311883-	0	0.0457958
OR56B4	TSS138	chr11:6128913-	0	0
LOC102723778	TSS26507	chr4:31172765-	0	0
RGS20	TSS18230,TSS	chr8:54764367-	0.704813	0.434866
SCARNA5	TSS136	chr2:23418437-	17.7307	3.06387
UNQ6494	TSS2114	chr9:92254697-	0	0
LOC100507431	TSS21511	chr11:1307140-	0	0.050216
SLC35F1	TSS4567	chr6:11822868-	0.0889911	0.00619823
FAM155B	TSS33474	chrX:68725077-	0	0.00837673
S100A2	TSS23502	chr1:15353358-	0	5.20197
CLEC4GP1	TSS31688	chr19:7852369-	0	0.0365159
EDN2	TSS4775	chr1:41944445-	0	0

AADACL2-AS1	TSS413	chr3:151468960	0	0.0254196
	3-Sep TSS16339	chr22:42372930	0.204327	0.122191
CD4	TSS11844	chr12:6898637-	0.15753	0.109429
EGFLAM	TSS15532,TSS	chr5:38258510-	0.0336262	0.0629978
HMOX1	TSS21352	chr22:35777050	389.019	164.866
PCYT1B	TSS17072,TSS	chrX:24576203-	0	0
STON2	TSS17893,TSS	chr14:81726990	0.071806	0.0504157
TEDDM1	TSS30363	chr1:18236725-	0.804055	0.152172
REN	TSS12682	chr1:204123940	0	0
LOC403312	TSS27908	chr11:12536510	0	0
LOC644554	TSS694	chr19:38308050	0.0467617	0.217531
TMIE	TSS12923	chr3:46742822-	0.467495	0.0571683
PCNAP1	TSS3405	chr4:100081750	0	0
NMRK2	TSS8773	chr19:3933100-	0	0.604406
CRYAA	TSS9573	chr21:44589110	0	0
LOC401312	TSS27754	chr7:22689578-	0	0.0133087
EDNRB	TSS10342,TSS	chr13:78469610	0	0
CGB7	TSS17249	chr19:49557530	0	0
SNORD79	TSS14592	chr1:173834480	0	0
TR_repeat-unit -		chrEBV(Akata_	0	0
EIF1AX-AS1	TSS10228	chrX:20158085-	2.92994	0
DUOXA1	TSS20290,TSS	chr15:45409560	0.148585	0.0127804
TTY9B	TSS5807	chrY:20891767-	0	0.0372031
LINC-ROR	TSS10858	chr18:54721800	0	0
EFCAB10	TSS25905	chr7:105205570	1.79E-09	1.93E-08
LINC01582	TSS26654	chr15:98626200	0	0
C1S	TSS27902	chr12:7167979-	0.456659	0.303027
ZEB2-AS1	TSS29570	chr2:145277180	0	3.98E-228
CARD9	TSS4261	chr9:139258400	0.075919	0.391402
MIR663A	TSS30581	chr20:26188820	3314.54	1372.81
LINC01036	TSS21462	chr1:187061970	0	0.0295532
ARSE	TSS27362,TSS	chrX:28526720-	0	0.0719045
RHOU	TSS16927,TSS	chr1:228780390	0	0.212152
KRT6B	TSS1370	chr12:52840430	0	0
PTCHD1-AS	TSS33356	chrX:22277913-	0	0.0224568
LRRD1	TSS18806	chr7:91774197-	0	0
HIST1H2BB	TSS13474	chr6:26043454-	0	0
SPACA3	TSS23845	chr17:31318880	0	0
LOC101928150	TSS33115	chr10:6660677-	0.107285	0.0683872
PRMT8	TSS14403,TSS	chr12:3490514-	0.186428	0.0220842
SERPINA6	TSS23254	chr14:94770580	0	0
SLC36A3	TSS27314	chr5:150655920	0.0193465	0.0718991
KRBOX1	TSS7639	chr3:42977833-	0	0
PRDM8	TSS31147,TSS	chr4:81106423-	4.56122	2.26911
ATP11A-AS1	TSS24917	chr13:11339970	0	0.031291
GJA3	TSS27091	chr13:20712390	0.19034	0.224149
AKR1C8P	TSS18800	chr10:5196654-	0	0
IL23A	TSS18328	chr12:56732660	0.809473	1.14449
PGLYRP4	TSS26771	chr1:153302590	0.425123	0
CDK5R2	TSS23670	chr2:219824340	0	0
PITPNM2	TSS18928,TSS	chr12:12346800	1.11074	1.62237
CXXC4	TSS31825	chr4:105389460	1.09E-07	0.0343033
MGARP	TSS1238	chr4:140187310	0.817812	0.220424
CAPG	TSS13818,TSS	chr2:85621870-	27.1061	17.1807
EIF4E1B	TSS3042	chr5:176057680	0	0

ADRB2	TSS1598	chr5:14820615	3.33461	1.06735
ERC2-IT1	TSS24183	chr3:55691242	0	0.0309161
FAM106CP	TSS2593	chr17:16692056	0	0.0449497
TSC22D3	TSS13343,TSS	chrX:10695645	68.9941	22.8504
HPSE	TSS13718,TSS	chr4:84213613	1.48654	0.570693
RAET1K	TSS5108	chr6:15031915	0.194317	0.0846523
IGF2	TSS14164,TSS	chr11:2150341	0	0.0518726
LINC01166	TSS18574,TSS	chr10:1347574	0	0
TMEM132A	TSS28571	chr11:6069191	0.982958	0.89569
TSPAN18	TSS20660	chr11:4478597	0.420296	0.249913
LY6K	TSS30276	chr8:14378152	0.0473554	0.15311
FAM57B	TSS8818	chr16:3003574	0	0
LOC101927434	TSS5130	chr1:81979564	0	0.0543564
FAM81B	TSS20169	chr5:94727047	0	0.0154185
TM4SF19	TSS7852	chr3:19605041	0	0.545584
LOC101927190	TSS24738	chr5:11570311	0	0.0521997
NXF2	TSS19897	chrX:10150209	0	0.0528672
XACT	TSS2151	chrX:11285958	0	0
CD200	TSS16111	chr3:11205191	3.52115	5.0984
FLG	TSS19636	chr1:15227465	0	0.0877011
SCARNA21	TSS17039	chr17:7809440	68.4225	0
NAT8	TSS9984	chr2:73867849	0	0
HYI	TSS31323	chr1:43916673	0.649735	0.280051
LOC100507140	TSS12510	chr2:20157702	0	0.137137
LOC100507006	TSS26328	chr2:64455534	0	1.00191
SLITRK6	TSS8655	chr13:8636692	0	0
LOC102724552	TSS27894	chr1:8484704	0	0.613576
MIOX	TSS13884	chr22:5092521	0	0
STAP2	TSS12348	chr19:4324039	0.0676496	1.08092
LOC285626	TSS3644	chr5:15875852	0	0
C17orf104	TSS27694	chr17:4273376	0.203241	0.185886
SYNPO2L	TSS4371,TSS4	chr10:7540463	0	0.781438
OXTR	TSS21564	chr3:8792094	0.0397725	0.377069
LDHC	TSS7547	chr11:1843385	0.298453	0.668392
RASD2	TSS17666	chr22:3593735	0.341826	0
CCL5	TSS1341	chr17:3419849	4.68887	2.35215
DLEU1-AS1	TSS4275	chr13:5109506	0	0
ST18	TSS31030	chr8:53023391	0	0.0314098
BTNL9	TSS29719	chr5:18046722	2.35289	0.815433
RIMS4	TSS29016	chr20:4338044	0	0.0191994
CCDC33	TSS32518,TSS	chr15:7452862	0	0
RNASEK-C17o	TSS22341	chr17:6915735	1.18E-08	0.533375
KCNMA1	TSS2229	chr10:7862935	0.419286	0.0985209
LINC01032	TSS3216	chr1:19290487	0	0
ENPP7P13	TSS669	chr16:3357184	0.152215	0.0160934
LIPH	TSS2925	chr3:18522556	0	0.153888
DES	TSS5584	chr2:22028309	0	0
CTC-436P18.1	TSS2950	chr5:60458142	0	0.238724
LINC01337	TSS24372	chr5:79904439	0	0
SYCE2	TSS21450	chr19:1300989	1.68594	0.25309
TXLNB	TSS1285	chr6:13956119	0.359971	0.278583
IFNG-AS1	TSS742	chr12:6838322	4.67104	0.974029
FOSL2	TSS12538	chr2:28615778	0.828584	0.877561
SMOX	TSS1862	chr20:4129425	1.45268	0.338523
SYNPO	TSS27804,TSS	chr5:14998064	3.80327	3.62736

TPO	TSS19851,TSS	chr2:1417232-	0	0.013617
GRIA1	TSS19436,TSS	chr5:15287008-	0	0.050097
WBP5	TSS13040	chrX:10261137-	0	1.61674
CYP2A6	TSS1590	chr19:4134944-	0	0.00673817
CPNE7	TSS6259	chr16:8964217-	0	0.983205
CACNA1G	TSS7429	chr17:4863842-	0	0.0172922
PLLP	TSS24078	chr16:5729000-	0	0
OSR2	TSS12409	chr8:99956630-	0	0
LOC100289673	TSS10065	chr5:10921888-	0	0
KIF7	TSS14731	chr15:9017120-	0	0
C2orf88	TSS15414,TSS	chr2:19100248-	0.878844	0.603674
RIMKLB	TSS13623,TSS	chr12:8834272-	6.48723	4.66433
TTC7B	TSS15528	chr14:9100693-	0.0638039	0.00657877
CD1A	TSS10379	chr1:15822392-	0	0.0837086
ALOXE3	TSS15476,TSS	chr17:7999217-	0	0
C11orf96	TSS27886	chr11:4396410-	0	0.250329
ANKRD36BP2	TSS17430	chr2:89065418-	1.05661	0.63692
CCND2-AS1	TSS33678	chr12:4357932-	5.46E-07	0.174683
NPAS2	TSS3146	chr2:10143661-	0	0
ADGRF4	TSS18360	chr6:47666288-	0	0
LINC00534	TSS9606	chr8:91233715-	0	0
C12orf40	TSS17140	chr12:4001997-	0	0
SPON2	TSS13477,TSS	chr4:1160720-	0.0254228	0.196955
BTRF1_1	-	chrEBV(Akata_	0	0.834368
EXOC3L1	TSS26032	chr16:6721828-	0	0
FLJ41278	TSS14015	chr12:6527755-	0	0.150645
COL9A3	TSS10821	chr20:6144841-	3.70459	0.566217
SRPX	TSS20108	chrX:38008587-	0	0
NES	TSS29826	chr1:15663855-	0	0.0191549
ZYG11A	TSS22094	chr1:53308182-	0.186559	0.202161
FAM167A-AS1	TSS8622	chr8:11225910-	0	0
CDHR4	TSS14802	chr3:49828166-	0	0
LINC01607	TSS33334	chr8:80680376-	0	0.0712439
LOC401585	TSS33702	chrX:45707508-	0	0
SVEP1	TSS15053	chr9:11312752-	0.0102734	0.00264945
LIN7A	TSS15454	chr12:8119117-	0.470407	0.0607634
MIR4537	TSS7408	chr14:1063252-	108002	30799.8
C6orf165	TSS6404	chr6:88117689-	0.46813	0.186495
GACAT3	TSS21172	chr2:16190548-	0	0.487713
TRPM2	TSS34024	chr21:4577348-	0.131422	0.618662
ANKRD20A19F	TSS7182	chr13:2448142-	0	0
KIAA1211L	TSS33626	chr2:99410308-	0	0.0213549
DAB2	TSS5289	chr5:39371775-	0.0190703	0
ZBED9	TSS23908	chr6:28539406-	0.221297	0.0685036
DKKL1	TSS16381,TSS	chr19:4986698-	0	0.125719
MT1IP	TSS14279	chr16:5671002-	0	0
MIR6087	TSS14822	chrX:10829777-	0	399716
LOC100505478	TSS11262	chr9:11742871-	0	0.458591
PLA1A	TSS32529,TSS	chr3:11931669-	0	0.226902
SLC12A1	TSS30108	chr15:4849849-	0	0
WNT6	TSS2235	chr2:21972454-	0.543757	0.336946
KCNQ1	TSS19948,TSS	chr11:2466220-	3.27198	1.7932
CD109	TSS21036	chr6:74405807-	0.223833	0.125284
ELAVL4	TSS27890,TSS	chr1:50513685-	0	0.0178046
PNCK	TSS15964,TSS	chrX:15293518-	0	0

AFF2	TSS16715,TSS	chrX:14758213	0.130806	0.0861946
CHL1	TSS22852,TSS	chr3:238278-4	0.716462	1.33285
TRAT1	TSS18972	chr3:108541630	2.37308	0.295793
NME5	TSS20504	chr5:137450860	0	0
LOC101928163	TSS15615	chr1:23848421-	0.877257	0
LINC00327	TSS27615	chr13:24043650	0	0
EN1	TSS11789	chr2:119599740	0.0745759	0.0346382
LINC00907	TSS519	chr18:39766630	0	0.0603354
HIST1H3F	TSS31314	chr6:26250369-	0	0
RNU6-2	TSS31101	chr1:10359023-	21.3508	7.67777
LOC101929505	TSS30629	chr5:16373469-	0	0
PLEKHG3	TSS13533	chr14:65171120	0.214427	0.0432903
FRMD4B	TSS11991	chr3:69217933-	0	0.0764403
EMILIN2	TSS25141	chr18:2847027-	0.878959	4.80397
OR10AD1	TSS14918	chr12:48596120	0	0.164217
HHATL	TSS14405,TSS	chr3:42734154-	0.105314	0
PI16	TSS21213,TSS	chr6:36916038-	0.260786	0
LVCAT5	TSS19285	chr7:119259480	1.16732	0
LOC101926955	TSS468	chr20:25936440	0	0.0363599
NAP1L3	TSS33726	chrX:92925924-	0	0.0124556
MIR3916	TSS24393	chr1:247365260	75.6033	0
NMNAT3	TSS6153	chr3:139279020	0.0476087	0.395368
TMEM246	TSS15081,TSS	chr9:104235430	0	0.0478219
CDH11	TSS20570	chr16:64977650	0	0
AIF1	TSS18828,TSS	chr6:31582993-	2.9987	6.74174
GCOM1	TSS7805	chr15:57884100	7.09E-52	0.11286
ARHGEF26	TSS18596,TSS	chr3:153838790	0	0.123865
FAM182A	TSS27383	chr20:26035240	0.0323264	0.00598221
GHRHR	TSS25824	chr7:31003635-	0	0
CYYR1	TSS5421	chr21:27838520	0	0
C5orf47	TSS33237	chr5:173416160	0	0
CHN2	TSS22150,TSS	chr7:29186162-	0	0.041239
PRDM6	TSS30128	chr5:122424840	0	0
SIK1	TSS33393	chr21:44834390	5.74461	4.61648
SIGLEC12	TSS15722,TSS	chr19:51994480	0	0
FAM170B	TSS23626	chr10:50339200	0	0.181696
TOX3	TSS26142,TSS	chr16:52471910	0.0141078	0.00273016
DSC1	TSS26022	chr18:28709210	0	0
LINC00565	TSS13974	chr13:11462940	0.180379	0
CD33	TSS12213	chr19:51728330	0.619905	0
WDR87	TSS536	chr19:38375460	0.208048	0.0036556
CA2	TSS3424	chr8:86376130-	1.80727	3.19125
LINC01551	TSS8608	chr14:29241900	0.0700884	0.141061
LOC442497	TSS8553	chr7:419390-4	0.180364	0.0931052
PVR	TSS17851	chr19:45147090	0.246688	0.521467
CELSR1	TSS15892	chr22:46756730	2.94645	1.07706
LINC00598	TSS29346	chr13:40921270	0.0227484	0.0176062
FGD5P1	TSS32338	chr3:13974552-	0	0
FAM110B	TSS29429	chr8:58907112-	0	0.0844868
VASH2	TSS12341	chr1:213123860	0.281767	0.468647
CTAGE4	TSS32811	chr7:143963760	0.658686	1.34E-06
LOC100507388	TSS23217	chr4:75881183-	0	0.0678309
LOC101929064	TSS28919	chr4:87040958-	0	0
RAX2	TSS18486	chr19:37690880	0	0
HOMER2	TSS4821	chr15:83517720	1.58943	2.32371



GNG12-AS1	TSS25563	chr1:68297970-	0.0200405	0
APOL4	TSS31534	chr22:3658517!	0.0908529	0.0949411
IL22RA2	TSS16907	chr6:13746495!	0	0
SGPP2	TSS27682	chr2:22328932-	0	2.72007
RASL10B	TSS7970	chr17:3405867!	0.137723	0.0213215
TNFRSF25	TSS25987	chr1:6521213-!	3.88048	0.953976
BILF2_1	-	chrEBV(Akata_	0	5.84945
CLDN14	TSS15662,TSS	chr21:3783291!	0	0
HTR6	TSS9215	chr1:19991779-	0.73775	0.0100184
EVC2	TSS11725,TSS	chr4:5564145-!	0.235823	0.121672
STAU2-AS1	TSS29224	chr8:74332308-	0	0.0169797
ZNF204P	TSS21380,TSS	chr6:27325601-	0.765753	0.193168
LMO7DN	TSS32107	chr13:7644517!	0	0
PDGFB	TSS16265,TSS	chr22:3961968!	0	0.0301583
TSHZ3	TSS19531	chr19:3176585!	0	0
SPI1	TSS9969	chr11:4737640!	22.3873	43.4926
MS4A14	TSS2411	chr11:6016348!	1.74258	0.741352
LINC01461	TSS4258	chr1:85063646-	0	0
GCM1	TSS10131	chr6:52991759-	0	0.323097
AOC3	TSS33077,TSS	chr17:4100320!	0.0111622	0.391208
TRPM8	TSS23115	chr2:23482604!	0.0535117	0
MAGI3	TSS14533	chr1:11393347!	0.353505	0.182944
TTC23L	TSS16045	chr5:34839268-	0	0.0814758
TGFB2	TSS15067	chr1:21851867!	0.270495	0.272694
TLN2	TSS3151	chr15:6293950!	0.0254201	0.0449538
H2AFB2	TSS4965	chrX:15411324!	0	2.01E-05
SLC22A3	TSS4278	chr6:16076940!	0	0.0419908
JAZF1-AS1	TSS22745	chr7:28220075-	2.18E-16	1.70E-11
UOX	TSS17323	chr1:84830640-	0	0
FCRL5	TSS24052	chr1:15748316!	1.52755	0.666043
KCNJ6	TSS14694	chr21:3899652!	0	0.184554
ASXL3	TSS17418	chr18:3115854!	0.133869	0.000834382
GRHL3	TSS3970,TSS8	chr1:24645811-	0	0
ITPKB-IT1	TSS33571	chr1:22684378!	1.44796	0.301026
MMP17	TSS26082	chr12:1323129!	1.20908	2.1027
P2RX6	TSS18299,TSS	chr22:2136944-	0	0
TAC3	TSS15988	chr12:5740378!	0	0
LMLN-AS1	TSS509	chr3:19776519!	0	0
PRKAR2B	TSS22814	chr7:10668517!	0.119319	0.0461767
CA5A	TSS34119	chr16:8792162!	0	0
MSR1	TSS3718	chr8:15965386-	0	0.219533
LOC10192888!	TSS11316	chr5:68263567-	0.221338	0.0714045
UPB1	TSS33312	chr22:2489125!	0	0
LOC10192938!	TSS17372	chr5:86415964-	0.0319597	0.0990444
SALL3	TSS11535	chr18:7674027!	0	0.0119874
CDC42EP1	TSS32371	chr22:3795647!	0	0
IL23R	TSS6618	chr1:67632168-	0.0367474	0.0406399
KIF26A	TSS14950	chr14:1046050!	0	0.0293742
EPN3	TSS1774	chr17:4861004!	0	0
TYROBP	TSS25313	chr19:3639530!	4.47482	4.37961
LRRC3C	TSS12617	chr17:3809772!	0.820231	0
MAGEB17	TSS11509	chrX:16185603-	0	0.242995
GDA	TSS27617,TSS	chr9:74729510-	0	0
DUSP26	TSS11268,TSS	chr8:33448847-	0.46502	0.0900559
LOC339862	TSS10582	chr3:18004063-	0	0

ZNF214	TSS10392	chr11:7020548-	0	0
APOBR	TSS15134	chr16:2850596-	2.05864	2.27878
CCL4L1	TSS26553	chr17:3463987-	2.04996	126.829
ESPNL	TSS13339,TSS	chr2:23900895-	0.181629	0.187298
TMEM98	TSS17297	chr17:3125492-	0	0
TSSK2	TSS18434	chr22:1911832-	9.78E-09	1.61E-08
RNF165	TSS19051	chr18:4391418-	0.139418	0.0855119
FOXE1	TSS18616	chr9:10061553-	0	0
OSBPL1A	TSS10659,TSS	chr18:2174201-	0.198646	0.532333
MIR137HG	TSS32587	chr1:98453555-	0	0
SLC1A3	TSS33895	chr5:36606456-	0.312705	0.15014
JPH2	TSS13402	chr20:4274033-	0	0
LOC101927932	TSS31137	chr20:5743881-	0	0
EPB41L1	TSS23776,TSS	chr20:3467942-	0.358779	0.0636239
WARS2-IT1	TSS22797	chr1:11959002-	0	0.163798
ADRA1A	TSS17029	chr8:26605666-	0.234073	0.00215763
IGFBP7-AS1	TSS31872	chr4:57975927-	0.0170515	0.0264244
RASGEF1C	TSS30940	chr5:17952779-	0	0.12602
MYHAS	TSS8789	chr17:1028644-	0	0.0855219
LMCD1-AS1	TSS13570	chr3:8262833-	0	0
DSG2	TSS11466	chr18:2907802-	0	0.0294057
GFI1B	TSS15080,TSS	chr9:13582093-	0	0
OR2AE1	TSS18009	chr7:99473684-	0.569281	0
TMEM200A	TSS15408,TSS	chr6:13068742-	0	0.0589587
COL26A1	TSS24125	chr7:10100610-	0	0
RFX8	TSS14726	chr2:10201382-	0	0
AK5	TSS31588,TSS	chr1:77747661-	0	0
MGLL	TSS23078,TSS	chr3:12740790-	0.184474	3.13851
CLDN23	TSS20110	chr8:8559665-	1.0508	0.0723357
HIF3A	TSS19344,TSS	chr19:4680030-	0.0385292	0.0975729
PRICKLE2	TSS14967	chr3:64079525-	0.240303	0
LOC254896	TSS4837	chr8:22941867-	9.70E-08	0
LOC101927623	TSS8490	chr9:88742454-	0	0.0425601
ITGA9	TSS13223	chr3:37493812-	0	0
MEIS1-AS2	TSS5748	chr2:66666226-	0	0.121103
LINC00924	TSS8574	chr15:9597632-	0	0.0664028
LOC101928436	TSS23826	chr1:10396070-	0	0
RFPL1	TSS5037	chr22:2983457-	1.36E-06	0
NAP1L6	TSS32189	chrX:72345875-	0	0
LOC728175	TSS18231	chr4:18526218-	0	0.0943332
MYO15B	TSS17313	chr17:7358413-	2.76725	1.11758
DNMBP-AS1	TSS20948	chr10:1016869-	1.15E-10	0.0438432
LOC102723649	TSS25250	chr6:13798678-	0	0
CLEC1A	TSS6217	chr12:1022215-	0	0
CEBPA	TSS21087	chr19:3379083-	0.389119	0.406036
BBRF1_1	-	chrEBV(Akata_	0	0.631796
LOC102724623	TSS21158	chr8:64769499-	0	0
MME	TSS1270,TSS1	chr3:15479743-	0.986488	0.266289
MKRN7P	TSS8461	chr20:4509229-	0	0
MYO16-AS1	TSS23186	chr13:1098162-	0	0
OSBPL5	TSS896	chr11:3108345-	0.023739	0
LINC00494	TSS5450	chr20:4698865-	0.438201	0.358016
GPER1	TSS12003,TSS	chr7:1126442-	2.42911	12.2776
LOC101929181	TSS10456	chr1:11669587-	0	0
TMCC2	TSS11566,TSS	chr1:20519703-	1.09397	0.45368

CCL24	TSS12078	chr7:75441113-	0	1.16471
COLGALT2	TSS13222	chr1:18389879-	0	0.042361
XKR7	TSS28886	chr20:3055580-	0	0
LINC01288	TSS30962	chr8:34641438-	0	0
PRSS22	TSS5932	chr16:2902727-	0	0
SNORA38	TSS1462	chr6:31590855-	0	0
TREML2	TSS3959	chr6:41157486-	6.92181	6.74893
FAM83A	TSS16370,TSS	chr8:12419128-	0	0.0364256
LINC01152	TSS766	chr17:7002679-	0	0.0222474
CARD10	TSS31117	chr22:3788639-	0	0
MYZAP	TSS7805	chr15:5788410-	0	2.42E-90
MIR100HG	TSS18701	chr11:1219598-	0	0
AGBL4	TSS30521	chr1:48998526-	0	0.011258
SFRP5	TSS12420	chr10:9952650-	0	0.0376232
GCA	TSS24881	chr2:16320058-	10.7903	6.33687
LOC101927911	TSS27738	chr17:2865540-	0.385333	0
CEBPD	TSS11459	chr8:48649475-	2.11429	0.297924
NUDT16P1	TSS10585,TSS	chr3:13108068-	0	0.601131
BTBD17	TSS28884	chr17:7235255-	0	0
UGT2B7	TSS32758	chr4:69962192-	0	0
LINC00925	TSS14939	chr15:8992127-	0.165483	0.144083
ARHGAP32	TSS20273,TSS	chr11:1288349-	0.597833	1.17587
IL18RAP	TSS15259	chr2:10303524-	0.016648	0.0902202
LOC101929897	TSS17504	chr8:42112840-	0	0
SERPINA10	TSS33303,TSS	chr14:9474964-	0	0
LEFTY2	TSS31080	chr1:22612429-	0	0
C5orf60	TSS2423	chr5:17906854-	0	0
NR2E1	TSS25282,TSS	chr6:10848726-	0	0
ACAN	TSS5913	chr15:8934667-	0	0.00770217
RAB4B-EGLN2	TSS18747	chr19:4128412-	0.000440779	2.46E-05
LRP12	TSS6154	chr8:10550145-	0.223053	0.106866
LIPG	TSS22687	chr18:4708840-	0	0.264695
SLC9A7P1	TSS16457	chr12:9884761-	0.16828	0.0479897
OLMALINC	TSS5959	chr10:1021333-	1.47161	0.629621
LOC101929144	TSS32037	chr19:2323762-	0	0
TMEM136	TSS15222	chr11:1201958-	0.0575967	0.0356641
ELFN2	TSS11095	chr22:3773668-	0.0254425	0.0275604
PRR5L	TSS23712,TSS	chr11:3631772-	0.13044	0.094716
ATP11AUN	TSS1834	chr13:1133013-	0	0
LINC01121	TSS19120	chr2:45401479-	0	0
TEKT3	TSS16428	chr17:1520712-	0	0
RORB-AS1	TSS18943	chr9:77088350-	0	0
DNAH10	TSS13827	chr12:1242470-	0.0586276	0.0143237
HEYL	TSS1727	chr1:40089102-	0.190129	0.0981006
PCDHB11	TSS2399	chr5:14057934-	0	0.0207924
DMRTA2	TSS14467	chr1:50883222-	0.0285928	0
INMT	TSS3387	chr7:30791750-	0	0
LOC286297	TSS1930	chr9:67017374-	0.0312037	0.0115548
ADAMTS20	TSS31915	chr12:4374801-	0	0.0347795
LOC284930	TSS18032	chr22:4802742-	0	0
OPRK1	TSS16549,TSS	chr8:54138275-	0	0.0016819
RRAGD	TSS28215	chr6:90074334-	0.499363	1.45766
LOC102724153	TSS11792	chr14:7604124-	0	0
PCDHB9	TSS31851	chr5:14056670-	0.191561	0.0912333
FES	TSS13411,TSS	chr15:9142766-	3.28465	0.691409

LOC10192898	TSS18404	chr15:6422047	0.736622	0.0713871
LINC01531	TSS25241	chr19:3589650	0	0.0820849
MIR650	TSS30362	chr22:2316526	6787.05	8403.7
ONECUT3	TSS25613	chr19:1753661	0	0
LOC101928694	TSS33631	chr15:5872709	0	0
SNORA81	TSS2159	chr3:18650446	121.827	30.3441
SLC16A12	TSS7167	chr10:9119005	0	0.0441139
WNT5A	TSS17446,TSS	chr3:55499742	0	0.0476657
LINC00535	TSS30709	chr8:94358694	0	0.00123184
HOXB9	TSS5839	chr17:4669851	0.0822874	0
TMEM100	TSS1772,TSS5	chr17:5379698	0	0
OMP	TSS29921	chr11:7681388	0	0
SHISA3	TSS8013	chr4:42399855	0	0.178933
LINC00319	TSS30859	chr21:4486990	0	0
LUNAR1	TSS6638	chr15:9955793	0	0
SNORA25	TSS8935	chr11:9346368	0	35.1135
GP6	TSS2995	chr19:5552507	0.167697	0.126508
ADAM12	TSS13497	chr10:1277009	0	0.117334
LINC01422	TSS17596	chr22:2729925	0	0
HTR1F	TSS32578	chr3:88031725	0	0
LOC100129345	TSS5831	chr14:9809898	0	0
CCDC74A	TSS19369	chr2:13228540	0.460277	0.411263
SYN1	TSS27403	chrX:47431299	0	0.0429467
C3orf20	TSS9140	chr3:14716605	0	0.0970923
LINC00609	TSS29877	chr14:3653963	0	0
LOC441204	TSS11624	chr7:26443107	0	0
BaRF1_1	-	chrEBV(Akata_	0	0.31114
MYOM3	TSS26506	chr1:24382530	0	0.0137463
RNU6-2	TSS13195	chr14:3267236	19.6585	7.07944
ITM2A	TSS6304	chrX:78615880	5.17569	6.21617
ZNF697	TSS630	chr1:12016199	0	0.0459707
INSM1	TSS15362	chr20:2034876	0	0
LOC10013366	TSS13094	chr8:14406344	0	0
CYGB	TSS19287	chr17:7452342	0	0.627539
EOMES	TSS1040	chr3:27757439	0	0.169379
C22orf15	TSS23555	chr22:2410520	0	0.139096
GUCY2F	TSS23934	chrX:10861613	0	0.0396003
C9orf47	TSS33951	chr9:91605777	0	0
ACHE	TSS29730,TSS	chr7:10048761	0.319926	0.0530891
LINC00273	TSS24484	chr16:3396105	4.25075	3.57063
LOC10192744	TSS28117	chr7:89964536	0	0
FAM92B	TSS33320	chr16:8513195	0	0
LOC10192851	TSS5686	chr6:19068773	0	0.0657051
GNAZ	TSS33313	chr22:2341266	0.534648	0.288637
GLRA3	TSS13953	chr4:17556316	0	0
GLI3	TSS13437	chr7:42000547	0.00129536	0.0133638
REEP1	TSS23011,TSS	chr2:86441119	0	0.0303864
MVB12B	TSS4679	chr9:12908912	0.940023	0.356856
LOC400867	TSS13136	chr21:4024921	0	0
LINC01398	TSS11419	chr1:46912344	0	0
PDE4C	TSS5840,TSS5	chr19:1831877	0.00858129	0.0848546
C19orf38	TSS29993	chr19:1095910	1.26534	1.26124
FAM153C	TSS20319	chr5:17743396	0.141428	0.0655378
PARD3	TSS14559	chr10:3439848	0	0.201632
BCAS1	TSS28371	chr20:5256007	0.214245	0.342503

SLC18A1	TSS19204	chr8:20002365-	0	0.0748744
LOC441666	TSS9683	chr10:4282731-	0.211873	0.36267
GIMAP7	TSS731	chr7:15021194-	5.84638	2.55447
ALOX12	TSS25333	chr17:6899383-	0.437587	0.265156
UCHL1-AS1	TSS3888	chr4:41222090-	0	0.00507416
CNTD2	TSS24450	chr19:4072811-	0.479956	0.058694
ERICH2	TSS29745,TSS	chr2:17162719-	0	0
SLC6A12	TSS17079,TSS	chr12:299242-	0.208548	0.0214999
CLEC4M	TSS2376	chr19:7828034-	0.292448	0.433469
LINC01494	TSS24029	chr2:21976553-	0	0
CYP4F22	TSS25533	chr19:1561933-	0	0
CCM2L	TSS26664	chr20:3059824-	0.135193	0.0707345
DIRAS1	TSS6252	chr19:2714564-	2.78703	7.34074
STRA8	TSS22583	chr7:13491673-	0	0
LINC00222	TSS23790	chr6:10907285-	0	0
MMP15	TSS4798	chr16:5805928-	0	0.0302259
PRSS50	TSS10887	chr3:46753605-	0	0
LILRA3	TSS19940,TSS	chr19:5479984-	0.632582	0.621703
LOC10192768	TSS30514	chr6:11394473-	7.08039	3.16751
LINC00703	TSS31078,TSS	chr10:4426437-	0.139209	0
MGAT3-AS1	TSS4588	chr22:3987181-	0	0.0977251
SNORA16A	TSS14271	chr1:28907431-	49.2739	10.7254
POU5F2	TSS31004	chr5:93076014-	0	0.028629
LINC01269	TSS5340	chr14:7116541-	0	0.817965
LOC10257742	TSS33366	chr5:18061804-	0	0
FSCN1	TSS15887	chr7:5632435-	1.14168	2.79881
RNU6-2	TSS18755	chr14:3267125-	19.6585	7.07944
LOC284950	TSS8233	chr2:86042252-	0	0
C1orf116	TSS28225	chr1:20719186-	0	0
SNORA71C	TSS2549	chr20:3705830-	0	6.06883
FEV	TSS33510	chr2:21984580-	0	0
HHIP-AS1	TSS22664	chr4:14556406-	0.172714	1.37232
KRTAP5-2	TSS16685	chr11:1618406-	0.350509	0.0533607
PLXDC1	TSS29597	chr17:3721955-	0	0.0424167
HOXB8	TSS28899	chr17:4668970-	0	0
F2	TSS5533	chr11:4674074-	0	0
DGUOK-AS1	TSS5714	chr2:74185094-	0	1.36933
IL27	TSS3778	chr16:2851068-	0	0
LOC10272448	TSS32850	chr7:29238655-	0	0
CXCL17	TSS33798	chr19:4293269-	0	0
TEKT4	TSS1319	chr2:95537177-	0	0
LOC10050760	TSS24544	chr2:13657776-	0	0
C17orf51	TSS1455	chr17:2143157-	1.01209	1.66203
SNORA54	TSS11052	chr11:2985000-	220.652	6.06698
IL12RB2	TSS746	chr1:67773046-	0.0115161	0.510737
BALF4_1	-	chrEBV(Akata_	0	1.71237
C11orf85	TSS9248	chr11:6470570-	0	0
ABTB2	TSS3253	chr11:3417253-	0.572214	0.751673
TRIM10	TSS32722	chr6:30119722-	0	0.0341006
HSPA6	TSS28993	chr1:16149432-	4.97517	0.855796
HOXA-AS3	TSS1913,TSS3	chr7:27179982-	1.12E-07	1.13E-07
HIST1H2AM	TSS28618	chr6:27860476-	0	0.707532
SOGA3	TSS13323	chr6:12775955-	0.139572	0.0580019
MMP28	TSS31364	chr17:3408326-	0.893672	0
TRPV5	TSS21059	chr7:14260526-	0	0

LINC01185	TSS18272	chr2:61074894-	0	0.0419812
MX1	TSS15224,TSS	chr21:42792484-	6.55476	11.4642
NLRC4	TSS28856,TSS	chr2:32449517-	0.687492	0.47981
ELFN1	TSS19365	chr7:1748797-	0.0583081	0.171494
ITGA8	TSS5175	chr10:1555594-	0.240784	0.0095472
ADAMTSL2	TSS16803,TSS	chr9:13639728-	0	0
CCDC85A	TSS6564	chr2:56411257-	0.00139567	0.046356
LOC613266	TSS31956,TSS	chr20:1587297-	0	2.01177
VPREB3	TSS10798	chr22:2409492-	7.46614	3.09554
HOXA4	TSS6146	chr7:27168125-	0	0
LOC101928140	TSS22462	chr6:12834900-	0.278206	0
CPLX4	TSS91	chr18:5696263-	0	0.0359261
LOC101929723	TSS20856	chr2:42158738-	0	0.259835
SVILP1	TSS23187	chr10:3098120-	0	0.142005
LOC100506274	TSS11636	chr2:7561391-	0	0
SLC4A10	TSS6106	chr2:16248084-	0.00770512	0
LOC286297	TSS2456	chr9:42844369-	0.031178	0.0115453
TNFAIP2	TSS18011	chr14:1035926-	0.62412	0.805059
LOC729083	TSS10521	chr3:42812103-	0	0
C11orf70	TSS19606	chr11:1019181-	0	0.0190706
GAGE8	TSS12108,TSS	chrX:49188103-	0.101272	0
LOC102724034	TSS10916	chr15:8300290-	0.0793161	0
AHRR	TSS21330	chr5:304290-4-	0.730869	1.44171
ITLN1	TSS21390	chr1:16084632-	0	0
WDFY3	TSS22858	chr4:85590692-	0.335931	0.0273577
PRAP1	TSS22801	chr10:1351608-	1.21438	0.221793
MMRN1	TSS26424	chr4:90816051-	0	0.100786
MAP2	TSS14882,TSS	chr2:21028877-	0.440142	0.240584
VLDLR	TSS12731	chr9:2621792-	0	0.457576
EXOC3L2	TSS2291	chr19:4571587-	0	0
ZNF718	TSS18865,TSS	chr4:53192-19-	2.59368	2.20432
DNAI2	TSS12338	chr17:7227038-	0	0.00174507
C4orf22	TSS19691	chr4:81256873-	0	0
LINC00282	TSS22416	chr13:5238748-	0.273129	0.143746
LOC100422737	TSS80	chr6:10716532-	0	0.185274
CLSTN2-AS1	TSS8386	chr3:14022445-	0	0
LINC00970	TSS294	chr1:16887314-	0	0
C19orf67	TSS10175	chr19:1419244-	0	0
RIMS3	TSS17539	chr1:41086351-	2.56827	1.54184
CYP4B1	TSS30748	chr1:47264669-	0	0
PKNOX2	TSS5482	chr11:1250345-	0	0
ASB11	TSS12679,TSS	chrX:15299830-	0	0
PABPC1L2A	TSS28642	chrX:72297176-	0	0
SNORA73B	TSS15516	chr1:28835069-	147.915	36.1678
DLX1	TSS19258	chr2:17295020-	0	0.0480536
DLX2	TSS27317	chr2:17296416-	0.409628	0.151034
BXLF1_1	-	chrEBV(Akata_	0	0.319746
SLC9A2	TSS27559	chr2:10323614-	0	0.00609564
PTPRS	TSS30158	chr19:5205518-	1.14866	0.371502
LOC101927421	TSS33235	chr5:12437252-	0	0.244491
ANG	TSS17920,TSS	chr14:2115233-	1.42191	0.674699
XXYLT1-AS2	TSS27127	chr3:19486859-	4.36483	1.49984
SPATA3-AS1	TSS33496	chr2:23184908-	0	0.0193111
FAM106B	TSS3896	chr17:2032060-	0.130904	0.0550887
LGR5	TSS28082	chr12:7183354-	0	0

DNAH7	TSS4897	chr2:196602426	0	0.237456	
PLXNB3	TSS1046	chrX:153029650	0	0.00177734	
COL1A1	TSS32664	chr17:48261456	0.0796231	0.100824	
FBXW12	TSS5972	chr3:48413708-	0	0	
IL17B	TSS33900	chr5:148753829	0	0	
LHX2	TSS13921	chr9:126773888	0	0.117677	
SOX6	TSS16330,TSS	chr11:15987994	0.0191682	0.0296668	
LILRB4	TSS25194	chr19:55174270	0.251432	0.317997	
EYS	TSS32413,TSS	chr6:64429875-	0.137924	0.0349901	
PRKCE	TSS23916	chr2:45879042-	5.21846	3.52984	
CD40LG	TSS8887	chrX:135730331	0	0	
CNTN4	TSS19197,TSS	chr3:2140549-7	0.0027706	0.077521	
CMPK2	TSS31311,TSS	chr2:6980683-7	0.306369	0.142872	
BEST1	TSS10241	chr11:61717359	0.0558463	0.559974	
LINC01106	TSS27956	chr2:111132689	0	0.0831798	
ASTN2-AS1	TSS7741	chr9:119266567	0	0.0406327	
ZNF205	TSS29101,TSS	chr16:3162562-	0	0.11936	
LINC00423	TSS12167	chr13:33383327	0.035049	0	
MRAS	TSS1176,TSS2	chr3:138066489	0	0.0437854	
ST7-AS1	TSS3037	chr7:116592500	4.59E-116	1.66E-14	
MAMLD1	TSS14916,TSS	chrX:14953154-	0.617868	0.129665	
SV2C	TSS21718	chr5:75379238-	0.0146351	0.0465071	
MAP3K7CL	TSS21845,TSS	chr21:30449797	0.431895	1.24201	
TP53TG3D	TSS20782	chr16:32264644	0	0.140454	
CTSF	TSS9886	chr11:66330934	0.586757	0.419435	
LINC01030	TSS26109	chr8:91605002-	0	0	
	4-Sep	TSS11340,TSS	chr17:56597610	0.0552014	0
KRT7	TSS18786	chr12:52626950	0	0.063095	
SNAP91	TSS13148,TSS	chr6:84262604-	0	0.0102147	
LOC100133286	TSS18187	chr21:37441939	6.93E-09	0.0438187	
LOC101927604	TSS1575	chr1:231010597	0.033214	0	
CSRP2	TSS2337	chr12:77252494	0	0.0441909	
PVRL1	TSS22240	chr11:11950880	0.800433	1.02628	
CD8B	TSS29791	chr2:87042459-	0.724207	0.252749	
SAMD3	TSS19240,TSS	chr6:130465446	1.16049	0.018723	
DDX11L16	TSS28213	chrX:155255320	0.152952	0	
LRRC74B	TSS22395	chr22:21400248	0.0472006	0.0730666	
LINC01118	TSS14154	chr2:47043806-	0.760988	0.110631	
BIK	TSS31745	chr22:43506750	4.45222	1.10988	
LOC149950	TSS14425	chr20:31175280	0	0	
LOC101928135	TSS7515	chr3:34917288-	0.0106299	0.383253	
IFI44L	TSS17283	chr1:79086066-	0.640543	1.15469	
NRCAM	TSS20033,TSS	chr7:107788070	0.400721	0.812549	
CTRC	TSS30034	chr1:15764937-	0.0569088	0	
TRIM9	TSS17343	chr14:51441980	0	0.18375	
LOC101928737	TSS6425	chr16:87527792	0	0	
NEUROG2	TSS1386	chr4:113434677	0	0.0304491	
CDIPT-AS1	TSS29104,TSS	chr16:29875000	0	0	
NDRG4	TSS11637,TSS	chr16:58497548	0.347164	0.440725	
BMPR1B	TSS13189,TSS	chr4:95679127-	0.20726	0.00461898	
GATA1	TSS33632	chrX:48644981-	0	0	
LOC100506314	TSS14557	chr12:13132770	0	0	
CAMSAP3	TSS30641	chr19:7660787-	0	0.229479	
HSFY1	TSS13514,TSS	chrY:20708573-	0	0.0529435	
FBP1	TSS19166,TSS	chr9:97365420-	1.29251	0.781553	

ACADL	TSS2049	chr2:211052715	0	0.0069467
CD8A	TSS16029,TSS	chr2:87011727-	0.572261	0.12461
TCP10	TSS31302	chr6:167786576	0	0.00486652
LOC101929378	TSS15644	chr2:156877046	0	0
C18orf63	TSS25067	chr18:71983109	0	0
RAB25	TSS10715	chr1:156030965	0	0
ZIC5	TSS10087	chr13:10061527	0.197637	0.0946851
LIM2	TSS24517	chr19:51883162	0	0
MEGF10	TSS16093	chr5:126626455	0	0
FMOD	TSS22138	chr1:203309748	0	0
ADAMTS9-AS1	TSS7492	chr3:64670545-	0.222477	0.00522022
OLIG2	TSS2210	chr21:34398215	0	0
CAND2	TSS23927	chr3:12838170-	0.204669	0.359045
TMEM125	TSS34076	chr1:43735664-	0	0
FAM71D	TSS25273	chr14:67656109	0.385213	0.00663014
CXADRP3	TSS3450	chr18:14477950	0	0
MIR5195	TSS20391	chr14:10725909	196.095	0
ICOS	TSS15297	chr2:204801470	0	0.11731
C18orf42	TSS33401	chr18:5143671-	0	0
RBMS3-AS3	TSS2153	chr3:29305684-	0	0
PPARG	TSS15457,TSS	chr3:12329348-	0	0
VSX1	TSS14819	chr20:25051520	0.133238	0.146566
RHOXF2	TSS32086	chrX:119292460	0	0
EFNB3	TSS9094	chr17:7608519-	0	0
NFIB	TSS187,TSS23	chr9:14081841-	0.0231706	0.0585927
CCNJL	TSS21060,TSS	chr5:159678658	0.57358	0.0339589
BBS12	TSS8362	chr4:123653856	0.73162	1.00679
DNAAF3	TSS31025	chr19:55670028	0	0
EDN1	TSS20046	chr6:12290528-	0	0.484877
IRGC	TSS22598	chr19:44220210	0	0
LAMB2	TSS15584	chr3:49158546-	0.19217	0.0171585
IRX5	TSS1825	chr16:54965110	0	0
CASP5	TSS6476	chr11:10486496	0	0.346513
RPL23AP32	TSS33439	chr2:54756358-	0	0.142803
SERPINI2	TSS9898	chr3:167159576	0	0
AMY1B	TSS7563	chr1:104230040	0.000192087	0.00049156
SCARNA10	TSS28280	chr12:6619387-	41.7422	5.28293
FMO1	TSS14638,TSS	chr1:171217609	0	0.0268168
LINC00514	TSS15817	chr16:3039054-	0	0
SNORD32A	TSS22969	chr19:49993222	0	0
MESTIT1	TSS1105	chr7:130126897	0	0
RGN	TSS18996	chrX:46937753-	0	0.0878491
LINC01016	TSS9238	chr6:33857287-	0	0
LOC284395	TSS3491	chr19:29777917	0	0.0534553
TREM2	TSS4951	chr6:41126243-	0	0
LINC01492	TSS1870	chr9:105902809	0	0.0362054
FXYD6	TSS1518,TSS4	chr11:11770769	0	0
AQP12A	TSS18290	chr2:241631267	0	0
SLC8A2	TSS6220	chr19:47931278	0	0.0261042
PTCHD4	TSS10010	chr6:47845763-	0	0.0520313
ANKRD55	TSS27206	chr5:55395506-	0	0
KCNG3	TSS34083	chr2:42669156-	0.0210808	0.00320099
LINC00911	TSS10138,TSS	chr14:85860222	0	0
DTHD1	TSS24242,TSS	chr4:36283236-	0.0136999	0
BcRF1_1	-	chrEBV(Akata_	0	0.27594



KCNJ1	TSS21840,TSS	chr11:12870790	0	0
TCERG1L-AS1	TSS26954	chr10:13289348	0	0
HCG2040054	TSS10994	chr2:47754675-	0	0
PRSS1	TSS7549	chr7:142457318	1.66608	0.422658
TMEM200B	TSS24211,TSS	chr1:29445936-	0	3.49E-233
PHLDB2	TSS13620,TSS	chr3:111451320	1.07554	0.11843
ZBTB20-AS1	TSS19825	chr3:114070657	0	0
LPAR1	TSS6133	chr9:113636050	0	0
METTL21C	TSS8840	chr13:10333809	0	0
SLC26A9	TSS12747	chr1:205882170	0	0.00724238
LIMS3-LOC440	TSS21009	chr2:111160495	4.14E-07	0.0953271
DUOX2	TSS9223	chr15:45384857	0.000676459	0.0182749
CCDC74B	TSS11150	chr2:130896850	0.140312	0.235573
LOC102724238	TSS25588	chr9:42018870-	0.0361495	0.0277704
DENND2A	TSS29887	chr7:140218219	0.303657	0.0783466
ST14	TSS16639	chr11:13002968	40.6645	12.8955
ALPI	TSS15668	chr2:233320827	0	0.0311585
SNORD94	TSS26882	chr2:86362992-	268.954	53.6743
RSPO2	TSS15519,TSS	chr8:108911540	0	0
SLC34A2	TSS10834,TSS	chr4:25657434-	0.105227	0
LINC01341	TSS542	chr1:246952918	0	0
EDNRA	TSS1476	chr4:148402068	0	0
CHRD1	TSS20847,TSS	chrX:109917080	0	0.00174322
TGM2	TSS17373	chr20:36756860	1.23273	1.26784
GDNF-AS1	TSS11473,TSS	chr5:37840539-	0	0
SNORA24	TSS26072	chr4:119200340	143.215	20.4062
SELENBP1	TSS19391	chr1:151336770	0	0
LOC101926963	TSS15912,TSS	chr7:642481-64	6.13266	2.29498
LHFPL1	TSS32417	chrX:111873870	0	0
PLA2G4F	TSS32193	chr15:42433337	0	0
LRRRC75B	TSS31537	chr22:24981590	0	0.120393
SERPINE3	TSS23289	chr13:51915167	0.52339	0.430861
IL13RA1	TSS15679	chrX:117861558	9.42633	6.87538
LCN12	TSS11581	chr9:139846767	0	0
CACNA1G-AS	TSS22789	chr17:48633567	0	0
SSPO	TSS1523	chr7:149473130	0.0486387	0.0125432
LMNA	TSS26904,TSS	chr1:156052330	3.61002	18.1539
P3H3	TSS28713	chr12:6937537-	0.216424	0
KCP	TSS6015	chr7:128516918	0.109572	0.0494653
LINC01198	TSS23002	chr13:47029338	0	0
LOC285627	TSS29302	chr5:158875560	0	0
FAM106A	TSS29267	chr17:18427879	0.539827	0.160784
SNORD35A	TSS1129	chr19:49994437	0	0
MUC1	TSS21967	chr1:155158299	0.0253357	0
TSPAN1	TSS16865	chr1:46640748-	0	0
ARHGEF10L	TSS25567,TSS	chr1:17866329-	0.327144	0.131356
SERPINB10	TSS11889	chr18:61582740	0	0
ADAD2	TSS11533	chr16:84224720	0	0
SLC26A3	TSS18104	chr7:107405917	0	0.0118341
SLC7A7	TSS19738,TSS	chr14:23242437	1.91902	2.63202
APCDD1L	TSS25281	chr20:57034159	0	0.0297302
LOC253573	TSS19754	chr3:186172769	0	0
TMEM204	TSS10297,TSS	chr16:1578741-	2.49543	0.497521
FAM198A	TSS22526	chr3:43020758-	0	0
CHST13	TSS32186	chr3:126243130	0	0.0299464

HCAR3	TSS7124	chr12:12319930	0.317386	0.139269
TARP	TSS16663	chr7:38299243-	0.290675	0.18782
ARR3	TSS6334	chrX:69488184-	0	0
ASCL2	TSS7277	chr11:2289727-	0	0.0191922
DENND6B	TSS28000	chr22:5075039-	1.99458	0.807416
STC2	TSS33930	chr5:17274172-	0.0161101	0.0311673
LOC102546298	TSS28833	chr5:14985507-	0	0
LINC01428	TSS23672	chr20:7127113-	0	0
PRDM7	TSS29150	chr16:9012297-	0	0
LOC100996455	TSS5009	chr11:6421652-	0	0.0884663
GZMA	TSS25234	chr5:54398473-	0	0.0443263
LOC101927438	TSS19740	chr2:65073263-	0.298549	0.088924
FAM184A	TSS21124,TSS	chr6:11928099-	0	0.019947
GRM4	TSS14835,TSS	chr6:33986419-	0	0
SLC27A2	TSS9420	chr15:5047439-	0.545019	0.218822
CD1C	TSS11349	chr1:15825956-	1.06579	3.16747
PCDHB2	TSS8799	chr5:14047419-	0.0415752	0.0247583
PLCZ1	TSS29967	chr12:1883610-	0	0
LINC01207	TSS25464	chr4:16567528-	0.211545	0.0109169
SPRY2	TSS4357	chr13:8091011-	0.021453	0.681108
TRPM2-AS	TSS25778	chr21:4583447-	0	0
SPATA22	TSS11721,TSS	chr17:3343305-	0	0
SOX8	TSS121	chr16:1031807-	0.202511	0.100776
PDZD3	TSS4618	chr11:1190561-	0.0451236	0
ITGB6	TSS12256	chr2:16095617-	0	0
ZNF705D	TSS974	chr8:11946846-	0	0
APOA4	TSS4434	chr11:1166914-	0	0
SLC35D3	TSS21914	chr6:13724337-	0	0
SLC22A12	TSS28434	chr11:6435828-	0	0
MAPK15	TSS19523	chr8:14479850-	0	0.0156308
VSIG1	TSS10246	chrX:10728819-	0.543355	0.19617
DMTN	TSS25752,TSS	chr8:21911065-	0	0
LOC101927476	TSS11901	chrX:40122169-	0	0.0189785
MTUS2-AS1	TSS27605	chr13:3005065-	0	0
SORBS1	TSS18938,TSS	chr10:9707152-	0.375466	0.166916
SNORA68	TSS31828	chr19:1797339-	74.8446	7.46614
MERTK	TSS10884	chr2:11265619-	0	0.139932
OMD	TSS15824	chr9:95176526-	0	0.0339726
SULT1E1	TSS16974	chr4:70706929-	0	0.0400276
HOXC8	TSS17422	chr12:5440288-	0	0.0456521
RAD51AP2	TSS33818	chr2:17691985-	0	0.000942973
RPS6KA5	TSS13566	chr14:9133716-	4.32873	2.87242
BALF2_1	-	chrEBV(Akata_	0	0.150695
FBN3	TSS20029	chr19:8130286-	0.00789685	0
FUT3	TSS26466	chr19:5842898-	0	0
TP63	TSS19644,TSS	chr3:18934921-	0.663802	0.0803324
PPP2R2B	TSS19936,TSS	chr5:14596906-	0.191826	0.0556465
DMKN	TSS17580,TSS	chr19:3598811-	0	0.843411
SLC14A2	TSS20334,TSS	chr18:4279294-	0	0
CISH	TSS958	chr3:50643884-	0.836236	1.42793
HILS1	TSS20772	chr17:4824878-	0	0
OGDHL	TSS25926	chr10:5094268-	0.0863382	0.107763
FGF23	TSS15113	chr12:4477392-	0	0
SLCO1B1	TSS14129	chr12:2128412-	0	0
IL3RA	TSS23240	chrY:1405508-	5.32847	2.37491

FAM178B	TSS16902,TSS	chr2:97541618-	0	0.0042723
FAM225B	TSS17953	chr9:11586700-	0.0184844	0
KRTAP5-1	TSS24602	chr11:1605571-	0.37628	0
TMEM45B	TSS2543	chr11:1296857-	0	0
TEKT2	TSS572	chr1:36549675-	0	0
FUT7	TSS18101	chr9:13992462-	1.6106	0.645082
COMP	TSS25408	chr19:1889358-	0	0.0141246
SPO11	TSS7782	chr20:5590483-	0.13567	0
CD1E	TSS22942	chr1:15832348-	0	0.0273103
TMEM88	TSS16226	chr17:7758383-	0	0.182833
PAX3	TSS29154	chr2:22306460-	0.402297	0.0692306
PITX2	TSS26474,TSS	chr4:11153857-	0.212765	0
PTPRQ	TSS21265	chr12:8083812-	0	0.00145659
KCNMB4	TSS9814	chr12:7076006-	0.76835	0.198208
OXT	TSS25495	chr20:3052265-	0.961109	0
FMO2	TSS28821	chr1:17115434-	0	0
LDLRAD4-AS1	TSS7359	chr18:1341949-	0	0
EPB41L4A-AS	TSS17314	chr5:11175527-	0.507808	0.026231
TGIF2-C20orf2	TSS8913	chr20:3520295-	2.34E-25	1.19E-12
DZIP1	TSS27531	chr13:9623045-	0	0.0177522
OAS3	TSS402	chr12:1133762-	3.15025	1.4439
ZNF366	TSS24270	chr5:71735725-	0.0614048	0.0369567
LOC100996325	TSS12852	chr5:602283-6-	0	0
LINC00637	TSS32934	chr14:1043140-	0	0
THAP10	TSS31226	chr15:7117368-	0.110858	0.223203
WNK4	TSS16148	chr17:4093264-	0	0.0643565
C10orf11	TSS14375,TSS	chr10:7719140-	0	0.0304602
TDRD1	TSS22298	chr10:1159390-	0.307193	0.178306
LOC283575	TSS16571	chr14:7750739-	0	3.28E-07
SIGLEC7	TSS9007	chr19:5164555-	0.0521369	1.83E-08
ELOVL3	TSS10460	chr10:1039860-	0	0
LINC00941	TSS2045	chr12:3094861-	0	0
PRR27	TSS1329	chr4:71019903-	0	0.0487813
GAL3ST3	TSS25277	chr11:6580823-	0	0
FCRL1	TSS5589	chr1:15776419-	12.6513	5.63161
A3GALT2	TSS700	chr1:33772366-	0	0
CRIP2	TSS12931,TSS	chr14:1059392-	5.29439	1.51623
C21orf62	TSS19286	chr21:3416298-	0.0658571	0.0594671
PCDH17	TSS14018	chr13:5820578-	0	0.0205698
RASAL1	TSS11897,TSS	chr12:1135366-	0.681009	2.28774
CISTR	TSS29082,TSS	chr12:5414423-	0	0
LINC01053	TSS10187	chr13:2575546-	0	0.0401023
LINC00276	TSS22295	chr2:14368997-	0	0
LINC00900	TSS22597	chr11:1156260-	0	0
DIXDC1	TSS20173,TSS	chr11:1117978-	0	0.139722
LOC101926944	TSS6439	chr1:60238466-	0	0
TSPAN32	TSS19590	chr11:2323242-	0.551512	0.24038
ATOH8	TSS1116	chr2:85980908-	0	0
MAATS1	TSS13837	chr3:11942186-	0.185687	0.0907627
LOC101927359	TSS22251	chr4:13401501-	0	0
ZNF503	TSS21397	chr10:7703948-	0.00541488	0.0553789
ZNF423	TSS26901,TSS	chr16:4952451-	0	0.00731021
MGC57346-CR	TSS16793,TSS	chr17:4369769-	7.35E-54	2.91E-44
PHLDA1	TSS5551	chr12:7641922-	0.362805	0.331283
LOC10012877C	TSS6082	chr16:3082481-	0	0

LOC101928035	TSS3940	chr16:74226290	0	0.00589182
FAM138E	TSS2825	chr15:10249508	0.0865363	0.0111803
USP32P2	TSS131	chr17:18414575	1.06591	0.894653
UNC5B-AS1	TSS17440	chr10:72976980	0	0.336891
SCN5A	TSS17649,TSS	chr3:38589552-	0	0.047784
TNRC18P1	TSS32244	chr4:141562344	1.45146	0.299762
CEP295NL	TSS4254	chr17:76886667	0.859883	0.133168
GOLGA6L6	TSS23869	chr15:20737090	0	0.0626838
CYB5R2	TSS31857,TSS	chr11:7686325-	2.21418	2.56898
DBH	TSS21116	chr9:136501484	0	0
GSC	TSS33427	chr14:95234559	0	0
LOC101926941	TSS29694	chr5:141704857	0	0
LINC01358	TSS25634	chr1:59486147-	0	0
ZNF30-AS1	TSS15647	chr19:35413918	0	0
ACKR3	TSS32467	chr2:237478379	0	13.509
C2orf72	TSS33898	chr2:231902280	0	0.0378295
PCOLCE2	TSS32887	chr3:142536707	0.0167804	0.106701
LOC101928790	TSS11153,TSS	chr3:179615987	0	0
MESP2	TSS30874	chr15:90319588	0	0.00558957
FAM25G	TSS21571	chr10:47177227	0	0
USH1G	TSS8052	chr17:72912175	0	0
NR1I2	TSS25510,TSS	chr3:119499330	0	0.325732
EFCC1	TSS33244	chr3:128720477	0	0
CMKLR1	TSS18993,TSS	chr12:10868182	0	0.0587445
LOC101927418	TSS7870	chr14:45368110	0	0
FAM71B	TSS17916	chr5:156589340	0.111749	0
PHLDA3	TSS10127	chr1:201433417	0	2.07216
GAGE12D	TSS20779	chrX:493445407	0.153357	0
LOC102723729	TSS721	chr8:41391823-	0	3.40E-07
PLSCR4	TSS20814,TSS	chr3:145910120	0	0
FASLG	TSS30914	chr1:172628147	0.866791	0.0767164
C4orf47	TSS3499	chr4:186350544	0	0
PLEK2	TSS31681	chr14:67853699	0	0
LINC01305	TSS33660	chr2:175190754	0.12697	0
HCG22	TSS26798	chr6:31021226-	0	0.273809
PABPN1L	TSS771	chr16:88929747	0	0.184195
LOC101928886	TSS15497	chr19:56578049	0	0
DSCAML1	TSS7554	chr11:11729848	0.0123851	0.0383336
MESP1	TSS12110	chr15:90293097	0.0418776	0.0649215
PMCHL2	TSS16172	chr5:70671611-	0.174188	0
P4HA2-AS1	TSS3361	chr5:131520568	0	0
PARM1	TSS29614	chr4:75858284-	2.31199	4.25181
EDAR	TSS2473	chr2:109510920	0	0
LOC100129620	TSS26462	chr1:99469831-	0	0.0217449
LOC574538	TSS19577	chr12:246576-2	0	0
RARA-AS1	TSS9740	chr17:38497118	0.333851	0.198486
UCHL1	TSS27687	chr4:41258897-	11.4073	46.0595
ZNF521	TSS515	chr18:22641887	0	0
LILRA2	TSS14540,TSS	chr19:55084460	0.827279	0.506756
ADD2	TSS13602,TSS	chr2:70889215-	5.36032	3.87275
MMP21	TSS21942	chr10:12745502	0.477177	0
LINC01426	TSS20679	chr21:36118127	0	0.105637
CDHR3	TSS12416	chr7:105603650	0.0838844	0.184209
MAP7D2	TSS20150,TSS	chrX:200248307	0	1.47463
DDX11-AS1	TSS10199	chr12:31173690	0.0670855	0

SEC14L3	TSS23537	chr22:30855215	0	0
LINGO1	TSS17803,TSS	chr15:77905365	0	0.0221586
CTNND2	TSS21127,TSS	chr5:10971953-	0.00951323	0.0441788
HOXD3	TSS1256	chr2:177028804	0	0
CDS1	TSS30119	chr4:85504056-	0.200304	0.103345
MIA	TSS10391,TSS	chr19:4128108-	0	0.511065
CHGA	TSS18981	chr14:93389444	0	0
TBR1	TSS18881	chr2:162272619	0.193323	0
ADAMTSL4-AS1	TSS10787	chr1:150533370	0	0.185872
FAM221B	TSS7826	chr9:35817013-	0	0.0348361
CLEC4C	TSS19915	chr12:7882010-	0	0.245128
C7orf76	TSS28753	chr7:96110937-	0	0
CCDC181	TSS20969,TSS	chr1:16936410-	0	0
TUBB3	TSS22934,TSS	chr16:89988416	0.740232	2.70719
BBRF2_1	-	chrEBV(Akata_	0	7.52E-06
MIR663AHG	TSS25150	chr20:26167654	0.557721	0.0308761
CLDN1	TSS7214	chr3:190023489	0	0
B4GALNT1	TSS26907,TSS	chr12:5801967-	1.34633	1.05104
LINC01419	TSS7526	chr8:84315992-	0	0
MDGA2	TSS31613,TSS	chr14:47308825	0.0930824	0.121159
BACE2	TSS23460	chr21:4253972-	0.18434	0.566953
NOD2	TSS10690,TSS	chr16:50731049	0.487156	0.1131
BOK	TSS6176	chr2:242498145	0	0.481495
PRRG1	TSS13747,TSS	chrX:37208527-	0	0.0090794
OTOR	TSS6204	chr20:1672899-	0	0
LOC283856	TSS27967	chr16:56126898	0.0166016	0.0642632
IGFBP7	TSS11386	chr4:57897236-	0.0866262	0.344659
KIR2DL3	TSS4614	chr19:55249970	0	0
GLIS2	TSS27975	chr16:4382224-	0.16497	0.61107
LOC100131303	TSS708	chr16:68047338	0	0
ADAMTS7P1	TSS26435	chr15:82585620	0.166841	0.0800436
GCNT4	TSS27043	chr5:74323288-	0	0.0987125
LOC101927592	TSS20397	chr12:1273997-	0	0
NR2F1-AS1	TSS17080,TSS	chr5:92745061-	0	0.0741526
LOC729296	TSS20883	chr20:58662740	0	0
CCNI2	TSS31577	chr5:132083136	0.257522	0.626572
SEBOX	TSS11314	chr17:26691289	0	0.398391
C10orf10	TSS25228	chr10:45471708	0.814718	0.11936
MIR181A2HG	TSS18419	chr9:127420714	0	0.646903
BRRF2_1	-	chrEBV(Akata_	0	1.88146
TBC1D4	TSS2488	chr13:75858799	0.547505	0.291383
ARGFX	TSS8702	chr3:12128677-	0	0.0526988
HIST1H3C	TSS20349	chr6:26045638-	0	0
C1orf234	TSS29992	chr1:23337326-	0	0
FOLR2	TSS9455	chr11:71927818	0	0.136528
ZNF716	TSS32707	chr7:57509882-	0	0.0479842
SNORA77	TSS13727	chr1:203698708	82.1015	0
ETV1	TSS18503,TSS	chr7:13930855-	0	0
DDX11L16	TSS3419	chrY:59358328-	0.108243	0.000810115
THCAT158	TSS14264,TSS	chr17:4538081-	0	0
PARVA	TSS24291	chr11:12399025	0	0.00980813
GADD45G	TSS27062	chr9:92219926-	7.79477	1.22305
SOX9-AS1	TSS1469,TSS2	chr17:70067182	0.0872747	0.00375331
DDX11L5	TSS4148	chr9:11986-145	0.0956996	0
MCOLN3	TSS31791	chr1:85483764-	0	0

SLC8A1	TSS11893,TSS	chr2:40339285-	0	0.0165282
GPR171	TSS3214	chr3:150915618-	0	0.257781
WNT7B	TSS33110	chr22:46316247-	0	0.0689292
CDK18	TSS23535	chr1:205473680-	0.553947	0.604726
NPM2	TSS11808,TSS	chr8:21881620-	0	0.173104
MGC27382	TSS15848	chr1:78695282-	0	0
FREM1	TSS16034,TSS	chr9:14734663-	0	0
LOC101928909	TSS30373	chr14:91108977-	0	0
LOC100507468	TSS27256	chr7:69061123-	0	0
CLDN19	TSS30988	chr1:43198763-	0	0
LINC01336	TSS29001	chr5:74343543-	0	0
PARK2	TSS28596	chr6:161768589-	0	0.0746298
LINC01150	TSS18392	chr11:1917988-	0	0.0935235
LIMS3-LOC440	TSS12709	chr2:110656008-	3.72E-07	0.111282
GSG1	TSS31987,TSS	chr12:13236470-	0	0
MS4A7	TSS20795	chr11:60145957-	4.9452	6.3208
LOC645434	TSS31390	chr6:139790137-	0.410494	0
LRRC49	TSS33813,TSS	chr15:71145577-	0	0.113969
ITGAM	TSS9133	chr16:31271287-	1.18451	0.620303
SPANXA2-OT	TSS3613	chrX:140590847-	0	0
IFNK	TSS15088	chr9:27524311-	0	0.0331957
PPP1R9A	TSS33782,TSS	chr7:94536948-	0.240133	0.0592699
H2AFB1	TSS33731	chrX:154113310-	0	0.139351
KRTAP16-1	TSS24067	chr17:39463957-	0	0
CFAP47	TSS7114	chrX:35937850-	0.000250889	0.00022354
LINC01554	TSS27238	chr5:95187935-	0	0.0738257
SEMA5B	TSS16752,TSS	chr3:122628039-	0	0
KLRD1	TSS20933,TSS	chr12:10457049-	0.0556072	0
ZNF474	TSS5276	chr5:121465207-	0	0.0179631
CTB-7E3.1	TSS34202	chr5:166332226-	0	0
CD5	TSS2075	chr11:60869929-	1.82649	1.45702
PPP1R27	TSS20056	chr17:79791367-	0.329515	0.204574
MLXIPL	TSS32941	chr7:73007523-	0	0
ARAP3	TSS710	chr5:141032967-	0.523718	0.405285
RAB3B	TSS28871	chr1:52373627-	1.31401	0.557297
RAB38	TSS12752	chr11:87846414-	0	0.749159
HAMP	TSS12558	chr19:35773409-	0	0
MEIOB	TSS3229,TSS8	chr16:1883983-	0	0.0625647
ME3	TSS18091,TSS	chr11:86152149-	0.006197	0.0840118
TNFRSF4	TSS28799	chr1:11467057-	0.533614	0.930768
CLIC2	TSS13530	chrX:154505491-	0.0989793	0.268196
HOXC10	TSS14648	chr12:54378949-	0	0
NPR1	TSS31687	chr1:153651163-	0.0311284	0.104397
HSPA4L	TSS28134	chr4:128703452-	0	0.155993
RASIP1	TSS23426	chr19:49223847-	0	0.133814
CHRM3-AS2	TSS14364	chr1:239870429-	0.86068	0
KLF14	TSS13354	chr7:130417387-	0	0.14766
LOC101927267	TSS17263	chr12:49686413-	0	0.0244474
ABCC6P2	TSS7766	chr16:14916288-	0	0
LOC101928323	TSS6499	chr3:42653801-	0	0
LINC01545	TSS409	chrX:46746853-	0.824409	0.458214
ARX	TSS27358	chrX:25021812-	0.0034222	0
LOC100996286	TSS10520,TSS	chr4:153021904-	1.19059	0
HUNK	TSS13536	chr21:33245627-	0.132859	0.0312877
LOC101928303	TSS6838	chr1:26551810-	0	0.0354581

ALDOB	TSS14309	chr9:10418284-	0.405966	0.0857234
CALCRL	TSS19952	chr2:18820668-	0	0.0775679
SPTA1	TSS17940	chr1:15858049-	0	0.0369879
ADAMTSL1	TSS8875	chr9:18474078-	0	0.000350291
VWA5B1	TSS25656	chr1:20617411-	0	0
NLRP6	TSS33551	chr11:278569-2	0.723282	0.385826
ACTL7A	TSS25877	chr9:11162450-	0	0.0474462
CHST1	TSS25918	chr11:4566923-	0.0773483	0.00171044
LILRP2	TSS11494	chr19:5521969-	0.0356675	0.284302
PDZD4	TSS13614,TSS	chrX:15306762-	0	0
RGS2	TSS19517	chr1:19277816-	14.1611	6.46927
RAMP2	TSS4926	chr17:4091321-	0	0
ST7-OT3	TSS24773	chr7:11682273-	0	0
KRT4	TSS1141	chr12:5320032-	0	0
APLP1	TSS20264	chr19:3635940-	0	0
FER1L5	TSS16222	chr2:97308473-	0	0
OSGIN1	TSS8538	chr16:8398682-	4.96042	15.257
PROM1	TSS25936,TSS	chr4:15969848-	0.0112794	0.00873001
LOC101928682	TSS12673	chr16:8730551-	0	0
PNMA6A	TSS6340	chrX:15233825-	0	0.121952
ACSL6	TSS10238,TSS	chr5:13128566-	0.115568	0.0263007
PTGIR	TSS22141	chr19:4712372-	0	0.119424
C2orf71	TSS13192	chr2:29284555-	0	0
ELMOD1	TSS14660	chr11:1074618-	0	0.103715
SYTL4	TSS29007,TSS	chrX:99929488-	0.00166405	0
SCARA3	TSS30152	chr8:27491576-	0.300078	0
NEFH	TSS24712	chr22:2987618-	0	2.18028
TOB2P1	TSS10421	chr6:28183115-	0.0365167	0.122479
SEMA3B-AS1	TSS21364	chr3:50304072-	0	0
PCDHB5	TSS7875	chr5:14051478-	0.0680925	0.058569
LOC101929657	TSS6199	chr13:5270303-	0	0
TNFRSF11A	TSS24245	chr18:5999251-	0.0119935	0.0371407
ACSM2A	TSS24909,TSS	chr16:2046278-	0	0.0248042
LOC101927811	TSS25308	chr7:20367923-	0.392998	0.0995989
C12orf54	TSS28863	chr12:4887628-	0	0
SDC4	TSS14111	chr20:4395392-	0.289844	0.686388
PON1	TSS11271	chr7:94927668-	0	0.0203677
LINC00376	TSS19598	chr13:6375723-	0	0
SFRP4	TSS2449	chr7:37945534-	0	0
ITIH3	TSS4712	chr3:52828783-	0.217883	0
JAG1	TSS22111	chr20:1061833-	0.157605	0.0609791
RCBTB2	TSS19573	chr13:4906309-	3.17384	2.6384
NPTXR	TSS7383	chr22:3921445-	0.369099	0.0628366
TMEM213	TSS23548	chr7:13848273-	0	0.0700854
OR5H14	TSS11093	chr3:97868229-	0	0
SUN5	TSS14682	chr20:3157158-	0	0
PRB2	TSS20217	chr12:1154447-	0	0.0512126
LRRC66	TSS26141	chr4:52859865-	0.224135	0
RUNDC3A	TSS27778	chr17:4238592-	0	0.171695
DIAPH2-AS1	TSS13598	chrX:96783362-	0	0
AQP6	TSS32423	chr12:5036661-	0	0
DACT3	TSS26737,TSS	chr19:4715082-	0.312616	0
TBC1D3H	TSS2126	chr17:3633765-	8.01E-08	0.227087
IL2	TSS17606	chr4:12337262-	0	0
FOXO6	TSS30800	chr1:41827602-	0	0

NXF2B	TSS17735	chrX:101615311	0	0.0600029
ALPK2	TSS11997	chr18:56148487	0.251348	0.770275
LOC101928446	TSS19629	chr16:82806920	0	0
UPK1A-AS1	TSS3801	chr19:36158849	0	0
SNORA45B	TSS15443	chr11:87069850	0	4.08125
FXYD3	TSS5107	chr19:35606737	0	0
CLEC6A	TSS5312	chr12:86085900	0	0.00806264
FAM129B	TSS14720,TSS	chr9:130267616	1.66207	0.455608
ATL1	TSS10183,TSS	chr14:50999799	2.20869	0.602728
C5orf64	TSS8616	chr5:609336070	0.331225	0.0455968
TNFRSF21	TSS1185	chr6:471992620	0.33592	0.287862
ATP7B	TSS25910	chr13:52506800	0.0145423	0.181446
CFHR3	TSS20604	chr1:196743920	0	0
IRX6	TSS29187	chr16:55358470	0.192806	0
SCGB1D2	TSS31699	chr11:62009720	0	0
NCCRP1	TSS18090	chr19:39687600	0.369275	0.0714939
UGT2B11	TSS13422	chr4:700660500	0	0
DSCAM	TSS7508	chr21:41384340	0.00606285	0.0191134
LOC100507387	TSS28003	chr5:175546550	0.468684	0.383667
OLFM2	TSS18718,TSS	chr19:99643930	0.655928	0.275205
SNORA37	TSS28094	chr18:51748650	0	0
SLC39A12	TSS5046	chr10:18240760	0	0
CPNE6	TSS22143,TSS	chr14:24540040	0	0
PLA2G7	TSS20912,TSS	chr6:466720520	0.395437	0.428804
SLC6A15	TSS25590	chr12:85253260	0	0.00770392
SRPK3	TSS2826	chrX:153046450	0	0
C2orf83	TSS23176	chr2:228474800	0	0.0176837
REC114	TSS16547	chr15:73735490	0	0
CLDN6	TSS30540	chr16:30647120	0	0.0805266
RNF183	TSS10234	chr9:116059370	0.439469	0
SBSN	TSS31268	chr19:36014260	0	0
TMEM45A	TSS16398	chr3:100211460	0	0.277334
OOSP1	TSS12121	chr11:59710350	0	0
POTED	TSS33553	chr21:14982490	0	0
ARHGAP23	TSS17320	chr17:36584710	0	0.0505963
C2CD4A	TSS15858	chr15:62359170	0.025436	0.108286
GLIPR1L1	TSS2870	chr12:75728410	0	0
HSD11B2	TSS14612	chr16:67465030	0	1.18582
PAH	TSS27249	chr12:10323210	0	0.154048
CLEC2A	TSS33897	chr12:10051270	0	0
ZFAT-AS1	TSS24274	chr8:135610310	0	0
ZNF185	TSS24546,TSS	chrX:152082980	0.685108	0.274181
KRT14	TSS1974	chr17:39738530	0	0
LOC102723769	TSS29550	chr1:143134600	0.597793	0.266207
LINC00483	TSS12160	chr17:48838390	0	0.196475
C12orf50	TSS685	chr12:88373810	0	0
WDR86-AS1	TSS30864	chr7:151106240	0	0
P4HA2	TSS10426,TSS	chr5:131528300	0.584338	0.297407
RMDN2-AS1	TSS17659	chr2:381774760	0	0
USP2	TSS5837,TSS8	chr11:11922590	0	0.0938427
VWDE	TSS33493	chr7:123705080	0	0
WNT5B	TSS11720,TSS	chr12:17262210	0	0.0640016
GPR25	TSS31254	chr1:200842080	0.197115	0.0305544
FAM134B	TSS28421,TSS	chr5:164731460	1.3241	0.676385
DCST1	TSS21483	chr1:155006280	0.263689	1.78E-43



PDE6H	TSS11050	chr12:1512595	0	0.278696
NCKAP5	TSS18181	chr2:13342937	0	0.0185984
LOC101927058	TSS5998	chr12:4300930	0	0
ELOVL7	TSS23352	chr5:60047615	0	0.000797236
OBSL1	TSS28817	chr2:22041544	0	0.00573378
TNS4	TSS1115	chr17:3863207	0	0.024789
GH2	TSS33713	chr17:6195757	0	0
BRINP1	TSS30232	chr9:12192890	0	0.00133172
HAP1	TSS20683	chr17:39878890	0.158073	0
LINC00622	TSS32591	chr1:12014032	0	0
RASGRF2-AS1	TSS25015	chr5:80243511	0	0
OCM2	TSS7618	chr7:97614012	0	0.205386
ELF5	TSS1961,TSS2	chr11:3450034	0	0
PTPRK	TSS2057	chr6:12828992	0.197242	0.506822
COL24A1	TSS18145	chr1:86194915	0	0.0815106
FADS6	TSS15484	chr17:7287344	0	0.0761228
HYAL4	TSS26729	chr7:12348522	0	0.0720746
LOC101927311	TSS20543	chr16:1410313	0	0
LINC01241	TSS21207	chr9:25780053	0	0.0905482
FOXG1	TSS31007	chr14:2923627	0.164615	0
LOC100130417	TSS24304	chr1:852197-8	0	0.25245
RHAG	TSS30958	chr6:49572889	0	0
LOC100129940	TSS21790	chr12:6624500	0.193783	0.0282041
VSTM2L	TSS8596	chr20:3653149	0	0.110933
LOC101927692	TSS11416	chr10:1165245	0	0
CSE1L-AS1	TSS12058	chr20:4765699	0	0
CASC20	TSS27982	chr20:6407378	0	0
CYP4F35P	TSS5320	chr18:1433742	0	0
SNORA60	TSS28535	chr20:3707801	0	0
DFNA5	TSS16945,TSS	chr7:24737973	1.10064	5.4388
KIF19	TSS19275	chr17:72322350	0	0
CRHBP	TSS19171	chr5:76248679	0	0.154549
C1orf158	TSS21539	chr1:12806133	0	0
LOC101929719	TSS12820	chr5:13953690	0	0
LOC101927914	TSS15040	chr7:15725892	0	0
STXBP6	TSS24926,TSS	chr14:25278860	0	0.0149674
GOLGA2P9	TSS2438	chr19:2277905	0.603123	0.00355578
PEX5L	TSS11186,TSS	chr3:179512740	0.17024	0.033781
FAM24B-CUZI	TSS10950	chr10:1245916	6.07E-14	4.93E-08
LYPD8	TSS24025	chr1:248902710	0	0
LINC01013	TSS6210	chr6:13245511	0	0
IFNA22P	TSS14560	chr9:21277686	0	0
FAM25G	TSS23198	chr10:4920337	0	0
LINC01529	TSS1121	chr19:3627977	0	0
INSM2	TSS3897	chr14:3600324	0	0
AKR1E2	TSS24705	chr10:4868368	0.00713181	0.10932
TUBB2B	TSS10141	chr6:3224494-3	1.99751	3.27662
LOC100506388	TSS9627	chr17:180995-	0	0
ODF3B	TSS30234	chr22:5096883	0.415053	1.36798
HTR3B	TSS31440	chr11:1137755	0	0
CYP4F24P	TSS4545	chr19:1587014	0	0
LOC100507472	TSS4533	chr15:1018474	0	0
CATIP	TSS22101	chr2:21922157	0	0
LINC01258	TSS1034	chr4:38422282	0	0
RAVER2	TSS20270	chr1:65210777	0.467216	0.353898

GDF7	TSS13261	chr2:20866423-	0.433476	0.0883395
IL1RL1	TSS26816,TSS	chr2:10292796-	0	0
AOAH-IT1	TSS529	chr7:36637439-	0	0
IRX2	TSS11288	chr5:2746278-	0	0.12283
CLEC4G	TSS20649	chr19:7793842-	0	0.307007
LOC101927769	TSS7059	chr7:20336330-	0	0
LINC01205	TSS28532	chr3:109128830-	0.168157	0.0716864
GREB1L	TSS1066	chr18:18822200-	0	0.0164469
ADGRE1	TSS3930	chr19:6887559-	0.097893	0.0527528
HECW2	TSS1500,TSS2	chr2:197063974-	0.0778467	0.371471
SLC17A4	TSS3914	chr6:25754926-	0	0.0563939
LOC100271832	TSS7128	chr2:33152193-	0	0.0105525
LOC101928107	TSS7613	chr21:34484000-	0	0
PBX1	TSS12947	chr1:164528590-	0.125702	0.00270234
TEX28	TSS20293,TSS	chrX:153498920-	0	0
HAND1	TSS4521	chr5:15385453-	0	0.143845
ANKRD1	TSS16674	chr10:92671850-	0	0.160772
BGRF1/BDRF1-		chrEBV(Akata_	0	0.206501
MAL2	TSS19186	chr8:120220600-	0	0
LRRC3-AS1	TSS22059	chr21:45870860-	0	0
RUFY4	TSS23860,TSS	chr2:218899650-	0	0
GLYATL2	TSS18770	chr11:58601530-	0.229417	0.213318
ADAMTS7P1	TSS22805	chr15:82882940-	0.166841	0.0860732
IL3RA	TSS33952	chrX:1455508-	9.4091	3.87254
ADAMTS3	TSS20698	chr4:73146685-	0	0
SLC8A1-AS1	TSS32557	chr2:40144773-	0	0.077381
GFAP	TSS10969	chr17:42982990-	0	0
HSD3B7	TSS4277	chr16:30996510-	0.349316	0.19141
LONRF2	TSS14813	chr2:100889750-	0.0273022	0.0539807
RBMY1F	TSS28952	chrY:24455009-	0.0203121	0
KIAA2022	TSS25207	chrX:73952690-	0.501798	0.299417
AGBL5-AS1	TSS19289	chr2:27272550-	0	0
LOC100506159	TSS31129	chr12:10089170-	0	0
SGMS2	TSS7161,TSS8	chr4:108745720-	0.208862	0
STARD13	TSS20371,TSS	chr13:33677270-	0.00386848	0.0398485
NKX2-2	TSS21682	chr20:21491650-	0	0.118112
C11orf16	TSS4814	chr11:8941622-	0	0.183619
FLRT2	TSS26036	chr14:85996480-	0.0654078	0
PPARGC1A	TSS28050	chr4:23793643-	0.203352	0.0262259
DISC1-IT1	TSS11830	chr1:232061570-	0	0
CYP1B1	TSS26393	chr2:38294745-	0.786024	0.543569
EPHX4	TSS18024	chr1:92495532-	0	0
CTTNBP2	TSS26337	chr7:117350700-	0.0790467	0.0184004
MUC16	TSS19309	chr19:8959519-	0.05942	0.00812916
INGX	TSS31896	chrX:70711530-	0	0.338582
CSAG3	TSS16306,TSS	chrX:151876740-	0	0
DUSP9	TSS18172	chrX:152907890-	0	0
ODF3L1	TSS13596	chr15:76016310-	0	0
LILRA4	TSS16824	chr19:54844450-	0.0232082	19.6773
JSRP1	TSS19280	chr19:2252249-	1.78941	0.726567
LOC100506725	TSS4323	chr7:35756046-	0	0
LOC101928760	TSS18050	chr17:77889050-	0	0
LOC101928847	TSS15769	chr11:11283000-	0	0.164508
NTNG1	TSS19871,TSS	chr1:107682620-	0	0.0583558
LOC100505918	TSS1104	chr1:168369420-	0	0.0425788

TH2LCRR	TSS2062,TSS6	chr5:131966280	1.33E-06	0.223737
CALHM1	TSS19130	chr10:10521314	0.07215	0.0335107
TAS2R60	TSS25525	chr7:143140545	0	0
LOC101928841	TSS31838	chr13:11405392	0	0.0279375
PCSK6	TSS12490	chr15:10184415	0.300441	0.232521
SPATA16	TSS3468	chr3:172607140	0	0.00207976
LOC101927746	TSS22393	chr7:100951620	0	7.54181
SNORA5A	TSS30041	chr7:45143947-	89.589	0
CYP4F8	TSS22106	chr19:15726028	0	0
CYP11A1	TSS22334,TSS	chr15:74630102	0	0.0702866
CYP4F2	TSS15675	chr19:15988835	0	0.0144149
INHBA-AS1	TSS17141,TSS	chr7:41733513-	0	0.13363
TMEM37	TSS32815	chr2:120189445	0.959709	1.23189
FLJ16171	TSS25687	chr5:174346084	0	0.03827
SULT1C2	TSS33379	chr2:108905094	0	0
RIMS2	TSS14556,TSS	chr8:104512975	0.013386	0.116264
OR2W3	TSS12032	chr1:248058888	0	0
LOC101927284	TSS23333	chr13:95413194	0	0.0118341
RIPPLY1	TSS33967	chrX:106143295	0	0
SLC17A3	TSS2199	chr6:25845327-	0	0
ATOH7	TSS32401	chr10:69990357	0	0
C3orf67	TSS9979	chr3:58727736-	0	0.0270754
TMCO2	TSS2578	chr1:40713572-	0	0.112646
HTT-AS	TSS10371	chr4:3064972-5	0	0
GZMH	TSS29185	chr14:25075685	0	0
RPS6KA2-AS1	TSS12623	chr6:167317185	0	0.69849
SLC26A10	TSS12088	chr12:58013692	0	0
MACROD2-IT1	TSS18732	chr20:14535029	0	0
TP53TG3	TSS23565	chr16:33205582	0	7.25E-07
TMIGD2	TSS28800	chr19:4292224-	0.834184	0.0437246
RBMY1B	TSS26505	chrY:23696764-	0.000356687	0
HSFX2	TSS1005	chrX:148855725	6.13E-06	0.0238393
ITGB3	TSS15330	chr17:45331207	0.00882005	8.30348
ZDHHC15	TSS26321	chrX:74588261-	0.00924569	0.0111965
HSFX2	TSS18294	chrX:14867417	6.13E-06	0.0238395
TMEM235	TSS20429	chr17:76227390	0	0
NBPF22P	TSS33812	chr5:85578261-	0	0
TPSD1	TSS6058	chr16:1306272-	0	0
LOC442132	TSS3869	chr5:7299486-7	0	0
MYO7B	TSS24735	chr2:128293375	0.152819	0.315335
AQP8	TSS26249	chr16:25228284	0	0
TMEM144	TSS27178	chr4:159131400	0	0.0307232
FAM225A	TSS17733	chr9:115875175	0.0184975	0
SLC5A1	TSS18239,TSS	chr22:32439018	0	0.0490238
HOXA10	TSS3217,TSS3	chr7:27210209-	0.164109	0
OR2AG2	TSS16146	chr11:6789237-	0	0
UGT2A3	TSS877	chr4:69794176-	0	0
LOC104054148	TSS27464	chr8:102996659	0	0
TPTE2P6	TSS26106	chr13:25154345	0	0.0874291
LINC01468	TSS6318,TSS6	chr10:54210636	0	0
MS4A15	TSS28081	chr11:60524339	0	0
LOC101928002	TSS15609	chr12:70107412	0	0
MFSD2B	TSS23302	chr2:24232952-	0	0
TM4SF1	TSS2441	chr3:149086804	0	0.0423672
CHST3	TSS18757	chr10:73724119	0	0.0379224

Repeat_unit_rar -		chrEBV(Akata_	0	17.1638
LOC101928738	TSS16551	chr17:77893151	0.243901	0.165332
STARD6	TSS22422	chr18:51851061	0	0
IQSEC2	TSS10326,TSS	chrX:53262057	0.0739958	0.00212048
KLHDC7A	TSS32259	chr1:18807423-	0	0
BRLF1_1	-	chrEBV(Akata_	0	0.769046
ST7-AS2	TSS29880	chr7:116712121	0	0
NUAK1	TSS7233	chr12:10645711	0	0
COL15A1	TSS24817	chr9:101705994	0	0.0306986
OCM	TSS18174	chr7:5920428-1	0	0.142625
CEACAM7	TSS31651	chr19:42177234	0	0
TNNI3K	TSS24527	chr1:74701070-	0	2.12E-11
LINC00400	TSS17380	chr13:43687300	0	0.0130138
CLDN2	TSS11125,TSS	chrX:106143391	0	0
GCSAML-AS1	TSS29898	chr1:247687980	0.09549	0
SRGAP1	TSS19005	chr12:64238540	0.141359	0.0559176
OR2AK2	TSS32035	chr1:248128631	0	0
PROKR1	TSS20791	chr2:68872953-	0	0.127281
RHOV	TSS33821	chr15:41164411	0	1.15448
ABCC6P1	TSS5931	chr16:18582569	0	0
FAM83C	TSS24984	chr20:33873531	0	0.032281
NHS	TSS12223,TSS	chrX:17393542-	0	0.0043736
POU4F3	TSS20701	chr5:145718580	0	0
FOXC2	TSS26447	chr16:86600850	0	0
TTC24	TSS27131	chr1:156549511	0.81641	0.386366
RHOD	TSS25449	chr11:66824281	0.976385	0.74675
NELL2	TSS18610,TSS	chr12:44902051	0.575389	0.442804
CLEC5A	TSS3605,TSS6	chr7:141627150	0.0758128	0.224966
CTDSP1	TSS5886	chr3:37903668-	0	0.0834043
TRIM51	TSS8678	chr11:55650771	0	0.00491401
RORB	TSS7786	chr9:77112251-	0	0
LINC00367	TSS13051	chr13:21512701	0	0
ELN	TSS1456	chr7:73442118-	0	0.0418053
LOC100506444	TSS4188	chr4:54562067-	0	0.111405
TMC1	TSS26640	chr9:75136716-	0.24733	0.00177269
MLPH	TSS2980,TSS3	chr2:238395051	0	0
TINAGL1	TSS20643,TSS	chr1:32042085-	0	0.038475
PTPRR	TSS19624,TSS	chr12:71031851	0.0443175	0.00968454
TRPV4	TSS20449,TSS	chr12:11022089	0	0
SLCO4C1	TSS22998	chr5:101569691	0.201805	0.0812076
IGSF10	TSS28152,TSS	chr3:151153771	0	0.00587982
HBEGF	TSS14223	chr5:139712421	0	0.353542
TRPC5OS	TSS14524,TSS	chrX:111119271	0	0
GLB1L2	TSS10634	chr11:13420170	0	1.27095
PECAM1	TSS11488	chr17:62396770	3.75478	1.48307
TSPAN15	TSS15526	chr10:71211221	0	0
MIR221	TSS7173	chrX:45605584-	0	123.756
CCIN	TSS23343	chr9:36169388-	0	0
KANK2	TSS17216,TSS	chr19:11274941	0.374821	0.0944397
NTRK2	TSS33709,TSS	chr9:87283372-	0	0.0911815
ZNF334	TSS3302	chr20:45128261	0.259285	0.157053
LRRK2	TSS15304	chr12:40618811	8.19223	2.4833
DRAXIN	TSS33284	chr1:11751780-	0	0
HRAT56	TSS17460	chr5:117686660	0	0.00213286
OTP	TSS16137	chr5:76924536-	0	0.0771159

RNF223	TSS18309	chr1:1007125-	0	0
PCDHGB1	TSS18472	chr5:14072982-	3.29E-279	0.0569723
SPATA18	TSS11740	chr4:52917496-	0.241336	0.677382
CA3-AS1	TSS10527,TSS	chr8:86354036-	0	0.452854
LINC00570	TSS7252	chr2:11534106-	0	0
ITGA9-AS1	TSS26652	chr3:37795179-	1.65393	0.0188591
KIAA1210	TSS20579	chrX:11821259-	0	0.00842674
PGLYRP3	TSS5125	chr1:15327033-	0	0
FGF2	TSS24444	chr4:12374786-	1.37E-14	0.0483313
FCRL6	TSS1620,TSS3	chr1:15977030-	0.17132	0.230522
ASIC5	TSS31947	chr4:15675088-	0	0
LINC00643	TSS2425	chr14:6258407-	0.0709083	0.0764836
BBRF3_1	-	chrEBV(Akata_	0	7.62127
GCK	TSS23996,TSS	chr7:44183869-	0	0.498285
SLITRK1	TSS20313	chr13:8445133-	0	0.0140921
SELE	TSS8925	chr1:16969178-	0	0
CCDC83	TSS21461	chr11:8556614-	0	0
CLEC19A	TSS9053	chr16:1929710-	0.0194068	0
LINC01280	TSS16320	chr2:21745471-	0	0.133594
SOX21-AS1	TSS21791	chr13:9536496-	0	0.0114477
ZNF703	TSS3954	chr8:37553268-	0.786095	0.557769
PCAT19	TSS17674	chr19:4196007-	0.113527	0
AKAP5	TSS11955	chr14:6493221-	1.51075	0.658531
PATE2	TSS32718	chr11:1256460-	0	0
GPR87	TSS32427	chr3:15101187-	0	0
HLF	TSS7500	chr17:5334232-	0.0690793	0.0593962
CDCP2	TSS4578	chr1:54604667-	0	0.0360265
TTYH2	TSS10144,TSS	chr17:7220969-	0.351008	1.15335
LINC01204	TSS28203	chrX:45364632-	0.151207	0
SNORA76A	TSS28895	chr16:5859369-	41.1902	0
ANO5	TSS7646	chr11:2221472-	0.0706408	0.0298154
SOAT2	TSS14541	chr12:5349727-	0	0
IFIT2	TSS12574	chr10:9106170-	11.1239	8.61991
CABYR	TSS20017,TSS	chr18:2171891-	1.4021	1.31962
KREMEN2	TSS30445	chr16:3014216-	0	0
BEGAIN	TSS2818,TSS6	chr14:1010034-	0.220142	0.06431
DACT2	TSS1976	chr6:16869350-	0	0
LOC102724434	TSS12429,TSS	chr7:11591565-	0	0
UACA	TSS20441,TSS	chr15:7094689-	0.180736	0.270059
HTR7	TSS13736	chr10:9250057-	0	0
KLRC3	TSS4054	chr12:1056491-	0.061616	0.0376518
SCT	TSS32947	chr11:626312-	0	0
HNF1B	TSS11345	chr17:3604643-	0	0.386934
FLJ30679	TSS15351	chr16:8658892-	0	0
KRTAP5-8	TSS16719	chr11:7124907-	0	0
CDKN1C	TSS5594	chr11:2904447-	1.10303	0.608654
FNDC1	TSS21625	chr6:15959042-	0	0.0101074
ASCL3	TSS23365	chr11:8959118-	0	0
TNFSF11	TSS20091,TSS	chr13:4313687-	0.205235	0.0476745
LOC101927243	TSS7363	chr7:77044514-	0.32466	0.756428
LINC01485	TSS2986	chr5:17321379-	0	0
LOC100507334	TSS11041	chr2:11100321-	0	0.0510962
ZNF454	TSS4273	chr5:17836819-	0.300001	0
SCML2	TSS18227	chrX:18257432-	0.522921	0.384434
PRDM14	TSS11719	chr8:70963885-	0	0

CLCA3P	TSS11257	chr1:87099958-	0	0
CD302	TSS3648	chr2:160625138	0.930865	0.593918
KBTBD12	TSS21185	chr3:12764190	0	0.0671519
EGFL7	TSS29601,TSS	chr9:13955330	0.209276	0.455234
FGF14-IT1	TSS17494	chr13:10294466	0	0
ALLC	TSS27921	chr2:3705785-	0	0
LINC01516	TSS1679	chr10:25401986	0	0
MIR5196	TSS33399	chr19:35836415	0	0
SNORA49	TSS530	chr12:13251576	0	0
CRYM	TSS6738	chr16:21269838	0.748508	0.8118
GPR17	TSS16209	chr2:128403438	0	0
GIPC2	TSS15587,TSS	chr1:78510645-	0.246684	0.0381867
NOS3	TSS27006,TSS	chr7:15068814	0	0.116583
ACTN1-AS1	TSS15776	chr14:69446398	0	0
DRD5	TSS21086	chr4:9783257-	0	0
BSRF1_1	-	chrEBV(Akata_	0	0.407054
NR2F2-AS1	TSS26856,TSS	chr15:96670588	0	0.604733
SLC38A8	TSS23225	chr16:8404327	0.0331277	0.0256674
HAAO	TSS1461	chr2:42994228-	0.820747	1.34437
SELP	TSS30717	chr1:16955808	0.0416332	0.118167
LINC00864	TSS31115	chr10:89156336	0	0
BBOX1	TSS16010	chr11:27062508	0	0
HCN1	TSS12008	chr5:45255051-	0	0
FUT6	TSS11071	chr19:5830636-	0.249363	0
PLXDC2	TSS19672	chr10:2010537	0.0174447	0.0728922
GAL	TSS26410	chr11:68451982	0	0.423241
ABCA6	TSS4372	chr17:67074846	0.430829	0.339692
C9orf92	TSS16852,TSS	chr9:16203932-	0	0.0379658
TBX21	TSS11739	chr17:45810609	1.07465	2.22763
CYP4F12	TSS9165	chr19:1578382	0	0
TMEM132C	TSS1768	chr12:12875194	0	0
SEZ6L2	TSS14887	chr16:29882479	0.392082	0
SLC25A21	TSS15298	chr14:37147125	0	0.00481042
Cp-EBNA2_1	-	chrEBV(Akata_	0	40.1685
FILIP1L	TSS25433,TSS	chr3:99551987-	1.06401	0.745203
F2RL3	TSS9752	chr19:16999825	0	0.327258
ANKRD18B	TSS10712	chr9:33524410-	0	0.0179966
ENPP2	TSS27821,TSS	chr8:120569316	0	0
CCL19	TSS1736	chr9:34689566-	0	0
ZNF683	TSS33424	chr1:26688124-	0.138627	0
AIFM3	TSS19359,TSS	chr22:2131941	0.449261	0.0756157
LINC01081	TSS14815	chr16:86259185	0	0
OSTN	TSS24164	chr3:19093032	1.75908	0
LOC283177	TSS28604	chr11:1343063	0	0
LOC284825	TSS22215,TSS	chr21:29420732	0	0.044819
LRRN3	TSS585	chr7:11073106	0.148401	0.0191409
SNORD16	TSS16218	chr15:66795148	0	94.3949
SLC32A1	TSS19751	chr20:37353104	0.121231	0.0134083
FUCA1	TSS3672	chr1:24171571-	8.29389	7.26664
MIR4484	TSS17713	chr10:12750836	0	0
CALML3-AS1	TSS20038	chr10:5556206-	0	0
FUT1	TSS31980	chr19:4925126	0.00127762	0.0158208
MIR3680-1	TSS6868	chr16:29610495	0	435.448
ERICH5	TSS28634	chr8:99076749-	0	0.0233454
FZD4	TSS27139	chr11:86656716	0.300003	0.0267846

VAX2	TSS2877	chr2:71127719-	0	0
SLC6A10P	TSS24566	chr16:32888796-	0	0
LOC102724612	TSS9845	chr8:64378406-	0	0.0845041
SERPINA11	TSS20208	chr14:94908800-	0	0
AMHR2	TSS28543	chr12:53817638-	0	0
PTPRN	TSS30403,TSS	chr2:22015434-	0	0.09527
CYP39A1	TSS2658	chr6:46517316-	0	0.168902
ATP13A4-AS1	TSS20409,TSS	chr3:19327100-	0	0
LOC101929234	TSS11155	chr10:77168914-	0	0
ASB15	TSS16435,TSS	chr7:123241920-	0.275106	0
LINC00678	TSS34051	chr11:27639172-	0.786048	0
BSLF1_1	-	chrEBV(Akata_	0	0.379952
VIT	TSS1020	chr2:36923832-	0	0.0126994
LOC152578	TSS23637	chr4:53656160-	0	0.0284547
KCNJ4	TSS4378,TSS7	chr22:38822332-	0	0
SATB2	TSS20557,TSS	chr2:20013422-	0	0.133922
CD24	TSS10416,TSS	chrY:21152525-	41.19	15.4328
LINC00928	TSS22054	chr15:90048160-	0.409426	0
LOC101060524	TSS16997	chr1:14890184-	0	0
DLG5-AS1	TSS23676	chr10:79686569-	0	0
MKRN3	TSS25165	chr15:23810450-	0	0.15211
TMEM255B	TSS17734	chr13:11446227-	0	0
UPK2	TSS1061	chr11:11882700-	0	0.168506
GPRC5A	TSS11883	chr12:13043959-	0	0
LINC01471	TSS22467	chr3:12721644-	0	0.0607634
ZNF705B	TSS19755	chr8:77838587-	0	0
LOC400997	TSS4857	chr2:11185591-	0.314891	0
PNMA6A	TSS20040	chrX:15224079-	0	0.121952
HNRNPA1P10	TSS5771	chr12:54674532-	2.58E-13	3.12E-06
KRTAP9-1	TSS1255	chr17:39346138-	0.0710697	0
IFITM5	TSS13417	chr11:29820072-	0	0
ROPN1	TSS6876	chr3:123687878-	0	0
LINC00937	TSS20428	chr12:8509559-	0	0.13093
PPP1R1A	TSS6870	chr12:54973020-	0	0
ARNTL2-AS1	TSS5217	chr12:27542727-	0	0
ZNRF3	TSS11909,TSS	chr22:29279754-	0.112452	0.552814
HLX	TSS24355	chr1:22105274-	2.40905	0.535133
RNF148	TSS16959	chr7:122341719-	0	0
ABCA12	TSS17201,TSS	chr2:215796269-	0.0473922	0
NMUR1	TSS4559	chr2:232387870-	0	0.0830893
GK2	TSS10818	chr4:80327506-	0	0
SPDYC	TSS20279	chr11:64937706-	0.873908	0
NXF5	TSS12206	chrX:10108708-	0.505912	0.0966221
IFNA2	TSS15265	chr9:21384253-	0	0.595684
NEURL3	TSS2554,TSS3	chr2:97163379-	0	0
PPP1R14A	TSS33019	chr19:38741876-	3.48212	0.794622
GJC1	TSS16289,TSS	chr17:42875819-	0.0725126	0.0690556
LOC392196	TSS32852	chr8:11985366-	0.0625337	0.0979359
ANKRD29	TSS1033	chr18:21178889-	0.00783142	0.020094
C17orf78	TSS5812	chr17:35732984-	0.860667	0
TRPM6	TSS16376,TSS	chr9:77337410-	0.118714	0.0159627
ABHD14A-AC1	TSS3694	chr3:52009041-	1.33E-168	1.25129
OR8S1	TSS32806	chr12:48919414-	0	0
CRIP1	TSS13312	chr14:10595329-	113.705	48.928
SPX	TSS7525	chr12:21679259-	0	0

LOC100996634	TSS28757	chr6:109557810	0	0.0537396
12-Sep	TSS28506	chr16:4827614	0.0341838	0.105956
MLNR	TSS30644	chr13:4979447	0	0
RSPO1	TSS4154	chr1:38076950	0	0.0133227
LOC101928381	TSS1409	chr9:42771707	0	0.0667618
ENOX1	TSS2384,TSS5	chr13:4378766	0	0.0388668
C4orf26	TSS4590	chr4:76481257	0.158274	0.163455
DYDC2	TSS27279,TSS	chr10:8210450	0	0.0622151
TET2-AS1	TSS17992	chr4:10609251	0	0
ME1	TSS31701	chr6:83920109	0	0.11559
LINC00951	TSS8523	chr6:40312083	0.282156	0
NCMAP	TSS19505	chr1:24882566	0	0.0675224
KRT17P5	TSS2717	chr17:1832549	0	0.0540361
OCSTAMP	TSS4334	chr20:4516966	0	0
PRKCA-AS1	TSS18161	chr17:6439418	0	0
NTSR1	TSS2964	chr20:6134018	0	0
BMPER	TSS22189	chr7:33944522	0.10286	0
REEP2	TSS5350	chr5:13777468	0.0825389	0.0637843
CCL4L2	TSS27267	chr17:3464003	9.27188	228.41
SIGLEC9	TSS32779	chr19:5162813	0.407174	0.0624436
CYP27C1	TSS5948	chr2:12794141	0.018456	0
LAMC3	TSS20634	chr9:13388450	0	0.0163194
ZIM2	TSS23306	chr19:5728592	0	0.0235501
LINC00466	TSS27905	chr1:63624753	0	0.00124086
LY6G6C	TSS14601	chr6:31686424	0	0
TMEM108-AS1	TSS13083	chr3:13296529	0	0.0594668
IL17RB	TSS4037	chr3:53880576	1.04596	0.689347
LOC643355	TSS26451	chr1:11253318	0	0
LINC01609	TSS22582	chr8:11211118	0	0
LOC101928371	TSS24916	chr2:88838237	3.94E-07	0.236771
MS4A4A	TSS33472	chr11:6004801	0	0.671424
SLC4A3	TSS30096	chr2:22049229	0	0
CTXN2	TSS26282	chr15:4848386	0	0
BAALC-AS2	TSS30443	chr8:10414519	0	0
VPS37D	TSS12996	chr7:73082173	0.202881	0
LINC01268	TSS3898	chr6:11418917	0.451892	1.03702
NFIA-AS2	TSS7308	chr1:61405915	0	0
RIMBP2	TSS7609	chr12:1308806	0	0
MGAT4C	TSS25929	chr12:8637303	0	0.00456707
RTBDN	TSS11904,TSS	chr19:1293629	0	0
FBXO3-AS1	TSS29284	chr11:3379624	0	0
PCDHB19P	TSS4929	chr5:14061968	0	0
KRT42P	TSS33687	chr17:3978257	0	0
FLJ40194	TSS15237	chr17:4732560	0	0
RNVU1-8	TSS14282	chr1:14655616	0	0
LRRC43	TSS1937,TSS2	chr12:1226522	0	0.0923848
FAM46B	TSS488	chr1:27331510	0	0
HTRA1	TSS30881	chr10:1242210	0	0
FCAMR	TSS9417	chr1:20713131	0	0
LCNL1	TSS15295	chr9:13987744	0	0
COLEC12	TSS16153	chr18:319354	0	0
OTOP3	TSS22181	chr17:7293189	0	0
LOC10272350	TSS33529	chr17:7001799	0	0
C1orf210	TSS25689,TSS	chr1:43747556	0.673789	0.104411
DLG2	TSS11421,TSS	chr11:8316605	0.490622	1.63082



ACOT11	TSS33762	chr1:55013806-	0	0.027274
PITX3	TSS3627	chr10:10398994-	0	0
TTC29	TSS28332	chr4:147628178-	0	0
C17orf77	TSS32748,TSS	chr17:72580817-	0	0.0136855
DNAH9	TSS12674,TSS	chr17:11501747-	0	0.0466061
SLC6A4	TSS24008	chr17:28521336-	0.0906534	0.136955
SNORD21	TSS13390	chr1:93302845-	0	104.35
LOC101927248	TSS7020	chr13:95356997-	0	0.0145778
SYT1	TSS10,TSS287	chr12:79257777-	0.238126	0.00705903
CACNG6	TSS17517,TSS	chr19:54494402-	0	0
LOC101927053	TSS849	chr2:97584842-	0	0
MSRB3	TSS16260,TSS	chr12:65672422-	0	0.0626053
RGS18	TSS21606	chr1:19212759-	0.252882	0.0163182
SIRPA	TSS11708,TSS	chr20:1874812-	1.5675	3.95073
SDK2	TSS11479	chr17:71330522-	0.572801	0.205797
ODF1	TSS198	chr8:103563847-	0	0
CACNA1I	TSS32474	chr22:39966757-	0.0042808	0.0497307
SYNPO2	TSS10220,TSS	chr4:119771842-	0.170774	0.138856
HRK	TSS7685	chr12:11729822-	3.28527	0.3636
C2orf57	TSS29643	chr2:232457574-	0	0
PHLDB1	TSS12955,TSS	chr11:11847727-	0	0.320258
DOCK4-AS1	TSS3064	chr7:111448560-	0.373465	0.0550754
TRIM64	TSS11238	chr11:89701677-	0	0
SCN2A	TSS11677,TSS	chr2:166095917-	0	0.0243157
SYTL5	TSS19778,TSS	chrX:37865834-	0	0.00101005
CFH	TSS30337	chr1:196621007-	0	0.0174022
LINC01299	TSS30699	chr8:66439242-	0.177161	0.0685808
CECR2	TSS16474,TSS	chr22:17840838-	0.429343	0.112216
IL36G	TSS28345	chr2:113735595-	0	0
ADGRB2	TSS29249	chr1:32192705-	0	0.0623554
TMPRSS3	TSS20554,TSS	chr21:43791995-	0	0.247343
BKRF4_1	-	chrEBV(Akata_	0	4.64641
FCGR3A	TSS22219,TSS	chr1:161511550-	1.91533	0.706455
COL8A1	TSS5474	chr3:99357439-	0.0582575	0.101476
S1PR5	TSS15962,TSS	chr19:10623417-	0.115042	0.133613
MC5R	TSS4038	chr18:13825542-	0	0.0280319
SOX2	TSS30191	chr3:181429717-	3.96714	0
CYP26B1	TSS10278	chr2:72356366-	0	0.0232453
NAV2-AS2	TSS13984	chr11:20065320-	0	0
AKR1D1	TSS33126	chr7:137761177-	0	0.0262385
CLLU1	TSS20981,TSS	chr12:92815306-	0.494593	0.153185
SCARNA2	TSS27174	chr1:109642814-	44.1867	6.89249
SNORA72	TSS25248	chr8:99054313-	117.342	0
CSAG1	TSS11927	chrX:151903220-	0	0
LINC00548	TSS16274	chr13:40768645-	0	0
LINC01503	TSS14418	chr9:132099207-	0	0.0661319
FAM20C	TSS5417	chr7:192968-30-	0	0.123507
OR2D3	TSS13221	chr11:6942232-	0	0
IL33	TSS32460	chr9:6215785-6-	0	0
LINC01522	TSS1437	chr20:46608836-	0	0
KRT6C	TSS16185	chr12:52862295-	0	0
GREM1	TSS29985	chr15:33010204-	0	0.00857571
LOC102724601	TSS8267	chr1:174090775-	0	0.690194
SNORD47	TSS20555	chr1:173833506-	0	1103.32
MC4R	TSS18924	chr18:58038566-	0	0

RAB13	TSS28113,TSS	chr1:15395409	2.12643	2.70641
VSX2	TSS6483	chr14:7470617	0	0
FGF18	TSS12668	chr5:17084666	0	0.0177848
LINC01606	TSS2939	chr8:58130834	0	0
TRIM63	TSS33636	chr1:26377795	0	0
IQCF2	TSS16095	chr3:51895644	0	0
TCP11X2	TSS30560	chrX:10147027	0	0.0408644
LY6G6D	TSS33042	chr6:31683132	0	0
GRASP	TSS13815,TSS	chr12:5240072	6.03851	3.28943
ATP9A	TSS12662	chr20:5021331	0	0.0105658
LINC00652	TSS27227,TSS	chr20:1876861	1.17E-07	3.64E-09
CLEC4A	TSS31370	chr12:8276227	0.139188	2.51981
XK	TSS20197	chrX:37545132	0.271282	0.268983
CFHR1	TSS6475	chr1:19678886	0	0.0142891
DNAI1	TSS11248	chr9:34458749	0	0.00221725
CCDC169	TSS30739	chr13:3680117	0	0.308579
ZBTB16	TSS18843,TSS	chr11:1139304	0.360034	0.185851
LOC101927844	TSS33315	chr1:87678351	0.592234	0.163954
LOC284294	TSS27844	chr18:6177132	0	0
TNFSF15	TSS10254,TSS	chr9:11754691	0	0.0310759
DUSP4	TSS24832,TSS	chr8:29190578	1.96464	3.11755
TNFSF12-TNF	TSS13350	chr17:7452374	1.89E-134	0.180889
KIAA1671	TSS18058	chr22:2542394	0	0.0726303
LEF1-AS1	TSS17631,TSS	chr4:10908868	2.28E-69	0.251812
RBMY1B	TSS9062	chrY:23673223	0.000356687	0
MAF	TSS21192	chr16:7962774	0.052101	0.0648143
IZUMO1	TSS10184	chr19:4924414	0	0
HTR2A	TSS11866	chr13:4740567	0	0
PRND	TSS27104	chr20:4702499	0	0.0166712
SLC8A3	TSS21290,TSS	chr14:7051093	0.247583	0.0268434
AVPR1A	TSS29192	chr12:6353653	0.136009	0.0126286
FAM92A1P2	TSS5328	chr4:18395881	0.182192	0.014106
KNG1	TSS23859	chr3:18643509	0	0.025213
CAP2	TSS24072	chr6:17393735	0	0
SH3D19	TSS12258,TSS	chr4:15204143	0	0.0400527
B3GAT1	TSS17990	chr11:1342483	0	0.0277458
EPS8	TSS25257	chr12:1577307	0.78803	0.469788
MIR590	TSS22566	chr7:73605527	54.5399	0
LOC399886	TSS33763	chr11:4539294	0	0.10625
AVIL	TSS25400	chr12:5819115	0.409833	0.206351
LOC101928551	TSS8545	chr4:17575287	0.535036	0
HRG	TSS1998	chr3:18638374	0	0.0351625
FCGRT	TSS1545,TSS7	chr19:5001553	13.4206	5.82985
SLC6A17	TSS20876	chr1:11069313	0	0.0155235
LINC00421	TSS21582	chr13:1991918	0	0
TPBGL	TSS20339	chr11:7495194	0	0
CFAP58-AS1	TSS20239	chr10:1061110	0.680811	0.598185
OR13A1	TSS5615	chr10:4579810	0.152685	0.0506723
NBPF4	TSS33365	chr1:10876596	0	0.0367945
CBLC	TSS6949	chr19:4528112	0	0
CNTN3	TSS7728	chr3:74311719	0	0
GRM5-AS1	TSS26081	chr11:8823774	0	0.0831936
TREML5P	TSS23218	chr6:41217114	0	1.82086
OTX2-AS1	TSS15894	chr14:5727990	0.147559	0.185652
NREP	TSS17341,TSS	chr5:11106499	0.228487	0.684292

CD1B	TSS28640	chr1:158297730	0	0
CSAG3	TSS29201,TSS	chrX:151922440	0	0
ANK3	TSS14987,TSS	chr10:61786050	0.567448	0.0848869
PROK2	TSS15724	chr3:718208050	0.0225944	0
TSPAN7	TSS29646	chrX:384207300	0	0.118177
ISX	TSS14029	chr22:354621200	0	0
SLC24A2	TSS26191	chr9:195074490	0	0.0242902
OBP2A	TSS8184	chr9:138437980	0	0
LOC646903	TSS8808	chr3:149689060	0.0695858	0
WDR38	TSS7299	chr9:127615690	0	0.204765
KLHDC8A	TSS1972,TSS2	chr1:205305190	0	0.0180856
LOC100129216	TSS1640	chr11:715894900	0	0
DPEP3	TSS1953	chr16:680095600	0	0.0821973
LHFPL3-AS1	TSS15294	chr7:104436950	0	0
PRPH	TSS8534	chr12:496889000	0	0
FAM224A	TSS15591	chrY:196870630	0	0.0551746
BNIP3	TSS33992	chr10:133781100	3.15191	2.94367
CCL4L2	TSS1209	chr17:345384600	10.0799	295.302
DCDC1	TSS23118	chr11:312841700	0.529263	0
VLDLR-AS1	TSS33305	chr9:253565400	0	0.090139
CMBL	TSS15191	chr5:102777060	0	0.357599
C11orf53	TSS11753	chr11:111126700	0	0.496394
LINC00613	TSS24248,TSS	chr4:136788130	0	0
IFIT1	TSS19828	chr10:911523000	0.485012	1.17784
FAM9C	TSS11634	chrX:130537350	0	0
MIR8071-1	TSS29441	chr14:106087400	149554	23208.2
SLC40A1	TSS25502	chr2:1904253100	0	0.0506108
CXCR2P1	TSS11211	chr2:2189238700	0	0
ZNF503-AS1	TSS30430	chr10:770561400	0	0
ARMCX1	TSS4519	chrX:1008055100	0.127213	0.213433
CD101	TSS17486	chr1:1175443700	0.0131616	0.0611342
C3orf67-AS1	TSS19919	chr3:5881019600	0	0
GPX8	TSS28572	chr5:5445594500	0	0.06901
LOC100996351	TSS5111	chr19:314157300	0	0
IL1A	TSS12912	chr2:1135314900	0	0.0818183
SNORA71B	TSS23437	chr20:370538400	144.166	0
RNF180	TSS24514	chr5:6346167000	0	0
LOC101927066	TSS5322	chr8:9796409100	0	0
CNKSR3	TSS3909	chr6:1547264300	0	0
GPR45	TSS1594	chr2:1058581900	0	0
PDE4DIP	TSS14566,TSS	chr1:1448514200	9.10376	4.02642
LOC101929625	TSS18188	chr20:215506600	0	0
MAG	TSS8725	chr19:357829800	0	0.0142994
KCNH5	TSS25948	chr14:631732900	0	0
HHLA2	TSS13412,TSS	chr3:1080153300	0	0
RBMS3	TSS7250	chr3:2932280200	0	0.0404976
CD28	TSS28672	chr2:2045711900	0.191153	0.840987
KANK1	TSS10523,TSS	chr9:470293000	0.552387	0.467842
ANGPTL2	TSS4318	chr9:1298496200	0	0.056861
UGT2A2	TSS2689	chr4:7045413400	0	0
BMP7	TSS2216	chr20:557438000	0.24816	0.0222686
CHRNA1	TSS11750	chr2:1756123200	0	0
ADAMDEC1	TSS32974	chr8:2424179700	1.39523	1.44818
ACVR1C	TSS22045,TSS	chr2:1583832700	0.455517	0.113568
SLC22A7	TSS7928	chr6:4326599700	0	0.121663

CHI3L2	TSS27614,TSS	chr1:111770280	2.90763	134.92
IDO1	TSS29807	chr8:39771327-	0	0.0731974
SCGB3A1	TSS27450	chr5:180017104	0	0
MSX1	TSS32228	chr4:4861391-	0	0.547118
TGM5	TSS21670	chr15:43524792	0	0.0548402
ANGPTL1	TSS29687	chr1:178818669	1.45587	0.296043
CPLX1	TSS22522	chr4:778744-8	0	0.130877
CD9	TSS21206	chr12:6309481-	2.87019	1.21063
HPGDS	TSS23620	chr4:95219706-	0	0.111482
SNORA7A	TSS14768	chr3:12881810-	159.656	1.31E-39
ST3GAL6-AS1	TSS18783	chr3:98433176-	0	0
TENM3	TSS19338	chr4:183245136	0.0421151	0.0385913
LRRC10	TSS28420	chr12:70002344	0	0
HIST1H3A	TSS17952	chr6:26020717-	1.09977	0
EGF	TSS14972	chr4:110834039	0	0.0275451
PCSK1N	TSS34213	chrX:48689501-	0	0.18148
PRSS38	TSS5229	chr1:228003417	0	0
ADAM23	TSS27015	chr2:207308367	0.00688243	0.0106514
LINC00945	TSS30505	chr21:34430134	0	0
KCNS2	TSS2179	chr8:99439249-	0	0
IQCF6	TSS27308	chr3:51812576-	0	0
LINC00326	TSS24469	chr6:133409218	0	0
GRIK4	TSS15266,TSS	chr11:12038245	0	0.00580396
C9orf106	TSS25403	chr9:132083294	0.0616181	0
C10orf62	TSS33654	chr10:99349449	0	0
MEIG1	TSS7320	chr10:15001437	0	0.0706206
ZASP	TSS18110	chr7:100171657	1.01295	8.66E-05
SLC2A5	TSS16416	chr1:9097004-9	8.40723	5.94675
HOXC9	TSS8946	chr12:54393876	0	0
PALD1	TSS13592	chr10:72238569	0.454614	1.36579
MMEL1	TSS17722	chr1:2522080-2	0	2.45E-235
CUZD1	TSS26795	chr10:12459167	0.0394739	0.148136
FAM153B	TSS13971	chr5:175490717	0.158261	0.0173716
TBC1D21	TSS14994	chr15:74165926	0	0
WWC2-AS2	TSS13808	chr4:184018179	0	0
HILPDA	TSS34134	chr7:128095889	2.83708	2.827
LINC00499	TSS6805	chr4:139230864	0	0
RCN3	TSS19996	chr19:50030874	1.16123	0.727139
CDKN2B	TSS20203	chr9:22002901-	0.214431	0.301397
SLCO1B3	TSS33272	chr12:20963637	0	0.00378102
PPFIA4	TSS11159	chr1:202995648	0	0.0359258
HMHB1	TSS11487	chr5:143191729	0	0
CES1P1	TSS8496	chr16:55794510	0	0
POTEA	TSS2025	chr8:43147584-	0	0
T	TSS23163	chr6:166571149	0	0.208941
DNM3-IT1	TSS31853	chr1:171833337	0	0
EFNB2	TSS12657	chr13:10714207	0.187711	0.0229381
DDR2	TSS14130	chr1:162602227	0	0.0322985
GABRG2	TSS6306	chr5:161494647	0	0.0171203
CASC8	TSS24064	chr8:128301920	0	0
DLK1	TSS18540	chr14:10119320	0	0
LOC101927583	TSS25328	chr12:58012187	0	0
VIPR2	TSS10782,TSS	chr7:158820869	0.0471418	0.0223002
UTF1	TSS166	chr10:13504377	0	0.119625
RCAN2	TSS18463,TSS	chr6:46188466-	0	0

BRE-AS1	TSS23667	chr2:28112322-	1.20119	0.151818
HOXB5	TSS12672	chr17:46668618-	0	0
SYCE1	TSS25800,TSS	chr10:13536740-	0	0
F13A1	TSS5119	chr6:6144310-	0.232178	1.03019
ASPHD1	TSS5310	chr16:29912146-	0	0.0492575
LINC00592	TSS127	chr12:52604716-	0	0
5-Sep	TSS18951,TSS	chr22:19701986-	0.174952	0.406438
SPARC	TSS7272	chr5:151040656-	0	0
SKINTL	TSS12619	chr1:48567386-	0.0310091	0
KCNH2	TSS10879,TSS	chr7:150642046-	0.394366	0.0886334
KCNMB2	TSS16492,TSS	chr3:178254086-	0	0.0405922
SNORA43	TSS23027	chr9:139620556-	0.0017787	4.00E-14
FAM201A	TSS14076	chr9:38621084-	0	0.0206943
CTCFL	TSS17927,TSS	chr20:56071026-	0.0847189	0.234444
GJD4	TSS24214	chr10:35894336-	0	0
OR14I1	TSS23809	chr1:248844666-	0	0.210084
STYK1	TSS2733	chr12:10771536-	0.132671	0
LRIG3	TSS24123,TSS	chr12:59265936-	0	0
PKD1L3	TSS22231	chr16:71963446-	0	0.019251
LST1	TSS15780,TSS	chr6:31553955-	2.38093	1.80484
LOC100506271	TSS21852	chr22:37748236-	0	0
LOC101928381	TSS14086	chr9:69746916-	0	0.0377287
DEFB109P1	TSS51	chr8:12250792-	0	0
RNASE7	TSS13453	chr14:21510384-	0	0
LRRC7	TSS14470	chr1:70225857-	0	0.000758313
OBP2B	TSS12036	chr9:136080666-	0	0
CPLX2	TSS15864,TSS	chr5:175223606-	0	0.0572399
CLIC3	TSS32907	chr9:139889056-	6.51211	3.55234
NEIL1	TSS32222,TSS	chr15:75639336-	5.06302	1.26957
FGF13-AS1	TSS6849	chrX:137794266-	0	0.339693
LINC01039	TSS17459	chr13:10022936-	0.144297	0.0663756
LOC101928381	TSS5149	chr9:66922966-	0	0.0761373
SLC24A3	TSS19400	chr20:19193286-	0	0.0780247
APOC1P1	TSS9433	chr19:45430056-	0	0
LOC100129636	TSS15918	chr6:29003797-	0	0
SYCE3	TSS13725	chr22:50989546-	0	0
FCER2	TSS16164,TSS	chr19:7753642-	9.10974	103.005
LOC101928731	TSS8684	chr12:94101566-	0	0.204629
LOC284798	TSS11175,TSS	chr20:25121436-	0.164184	0.028246
SMO	TSS6326	chr7:128828716-	0	0.235005
C15orf43	TSS27621	chr15:45248896-	0	0
TBX2-AS1	TSS29580	chr17:59470816-	0	0
CTSL	TSS879	chr9:90340973-	2.14539	0.756409
SLC12A8	TSS26970,TSS	chr3:124801476-	1.00349	3.6428
CASC6	TSS5412	chr6:92338757-	0	0
FOXR1	TSS9865	chr11:11884246-	0	0
DUOXA2	TSS19390	chr15:45406526-	1.03E-52	0
FAM74A4	TSS19785	chr9:65487272-	0.369288	0.0419442
LOC101929016	TSS22508	chr4:12225074-	0	0
PCDHGB5	TSS12775	chr5:140777694-	0.5338	0.0939581
LOC101927964	TSS15630	chr10:40939176-	0	0.0304491
GNG4	TSS1321,TSS1	chr1:235710984-	0.203979	0.120108
LINC01342	TSS33527	chr1:10723966-	0.344682	0
TUNAR	TSS33466	chr14:96343106-	0	0.202354
EFCAB12	TSS7407	chr3:129120166-	0.419562	0.0974657

KIR2DL1	TSS31434	chr19:55281264	0	0
SULF2	TSS4161,TSS6	chr20:46286149	0.826662	0.431347
CASC10	TSS20999	chr10:21783420	0	0.0708657
CLEC3A	TSS12010,TSS	chr16:78056442	0	0
LPA	TSS29538	chr6:160952514	0.0747441	0
NID1	TSS11356	chr1:236139137	0	0.00564642
HOXC11	TSS25794	chr12:54366909	0	0.25892
FAM131B	TSS28367,TSS	chr7:143050492	0.0202975	0
NLRP7	TSS12421	chr19:55434876	0.608497	0
PCDH8	TSS20899	chr13:53418108	0	0
FAT4	TSS8121	chr4:126237566	0.00261488	0.0161841
DOCK5	TSS31905	chr8:250422867	0.530496	0.0480349
NOX5	TSS16621,TSS	chr15:69222838	0	0.0144029
KLF15	TSS30256	chr3:126061477	0.00883925	0.417455
PHOX2A	TSS1769	chr11:71950120	0	0
RBMY1F	TSS17928	chrY:243146887	0.0304421	0
NUDT11	TSS11439	chrX:512328627	0	0.419909
C10orf128	TSS23546	chr10:50362768	17.3203	9.51352
C1QL4	TSS9505	chr12:49726199	0	0
LINC00866	TSS30531	chr10:99588234	0	0
NCS1	TSS33151,TSS	chr9:132934856	0.0533004	0.488136
MIR8071-2	TSS25920	chr14:10610650	149554	23208.2
CCDC144CP	TSS9530	chr17:20224486	0.491331	0.0951582
ATP1B1	TSS29278	chr1:169075946	0.389569	0.539801
NTRK1	TSS5416,TSS8	chr1:156785547	0	0
CELSR3-AS1	TSS26469	chr3:487012007	0	0
FAM3B	TSS20635	chr21:42688660	0	0.331078
LHX9	TSS1831,TSS4	chr1:197881634	0	0
GMNC	TSS26685	chr3:190570529	0	0
LDLRAD2	TSS11895	chr1:221387577	0	0.0387846
FBN2	TSS28392	chr5:127593600	0	0
SAA4	TSS14746	chr11:18252907	0	0.454561
B3GNT6	TSS29152	chr11:76745384	0	0.0813286
CCDC144B	TSS8822	chr17:18441114	1.02827	0.433754
ANO7	TSS32285	chr2:242127920	0	0.1059
LOXL3	TSS14728,TSS	chr2:747593857	0.444173	1.43697
LGR4	TSS1498	chr11:27387507	0.196974	0.177836
CLLU1OS	TSS13765	chr12:92813869	0	0
CNTN2	TSS23727	chr1:205012339	0	0
HES5	TSS2779	chr1:246018372	0	0.170113
PRB1	TSS5606	chr12:11504756	0	0.118213
KLHL34	TSS3761	chrX:216734667	0	0
KCTD12	TSS24085	chr13:77454300	1.79963	1.81779
MRO	TSS10102,TSS	chr18:48321489	0.00153878	0.00423082
CYP46A1	TSS32179	chr14:10015079	0	0
CDH1	TSS15952	chr16:68771194	0.189365	0.146408
PRM1	TSS6362	chr16:11374692	0	0
LOC101927239	TSS19482	chr17:32496394	0	0.106491
RASSF6	TSS16655,TSS	chr4:744372667	3.19409	1.29163
SYCP2	TSS8879	chr20:58438617	0.321742	0.398313
FAM138F	TSS12758	chr19:7621977	0.129804	0.00838522
KCNA7	TSS20978	chr19:49570674	0	0.00511554
CXCL11	TSS8118	chr4:769548397	0	0
CLDN3	TSS29321	chr7:731833267	0	0
GTSF1	TSS671	chr12:54849739	5.10152	9.05333

LDLRAD3	TSS3924	chr11:35965530	0	0.161191
TMPRSS4	TSS9435	chr11:11794772	0	0
F7	TSS1453	chr13:11376010	0	0
OR13J1	TSS20378	chr9:35869459-	0	0
FOXJ1	TSS2532	chr17:74132414	0	0
ARHGAP19-SL	TSS31130	chr10:98912798	2.21E-197	4.90E-33
C15orf53	TSS33353	chr15:38988798	0	0
LINC00940	TSS1454	chr12:2038367-	0	0.0147714
SHOX	TSS23943	chrX:585078-6:	0	0.0134824
SHOX	TSS30168	chrY:535078-5:	0	0.0134824
LOC100287846	TSS12614	chr8:48100929-	0	0.0772213
LOC101927683	TSS3245	chr1:232862998	0	0
CADPS2	TSS25507	chr7:12195847-	0	0.0345149
SNHG22	TSS4331	chr18:47340392	0	0
AMOTL1	TSS20343	chr11:94501507	0	0.126337
SEMA3A	TSS5504	chr7:83587658-	0.00253055	0.0107703
NPC1L1	TSS11165	chr7:44552134-	0	0.0270413
SLC22A4	TSS10069	chr5:131630144	0	0.302846
NRXN3	TSS29930,TSS	chr14:78636715	0.143754	0.0547093
ICAM1	TSS13418	chr19:10381516	2.70795	5.80628
ADH1C	TSS24012	chr4:100257648	0	0
EPB41L3	TSS16515,TSS	chr18:5392379-	0.22264	0.0301511
C10orf54	TSS26645	chr10:73507315	6.27284	6.62914
ACSS3	TSS23021	chr12:81471808	0	0
ECEL1	TSS13226	chr2:233344536	0	0
SYT9	TSS5390	chr11:7273180-	0.153962	0.00209361
L3MBTL4-AS1	TSS18007	chr18:6256742-	0	0.051481
C1orf177	TSS15842	chr1:55271735-	0	0
OSR1	TSS1981	chr2:19551245-	0.410295	0.0186917
TRIM6	TSS17192,TSS	chr11:5617330-	0	0.223624
IGLL1	TSS7604	chr22:23915312	1.43586	1.76135
USP17L7	TSS32900	chr8:11989925-	0	0
PRKCG	TSS31669	chr19:54385466	0.337901	0.367643
KCNB1	TSS25177	chr20:47988504	0.00140931	0.0022477
LOC101929526	TSS26969	chr20:18655038	0	0.232561
TEAD4	TSS34092,TSS	chr12:3068477-	0	0.516892
LRP1	TSS5791	chr12:57522287	0.416373	0.201606
BRDT	TSS33413,TSS	chr1:92414927-	0.0825315	0
FOXD3-AS1	TSS27538,TSS	chr1:63786554-	0	0
LOC101928978	TSS10514	chr4:84889234-	0	0
ZPLD1	TSS6309	chr3:102153858	0	0.0841298
IR1_W_repeats_	-	chrEBV(Akata_	0	0.849472
BVLF1_1	-	chrEBV(Akata_	0	0.233826
PANX3	TSS17147	chr11:12448145	0	0
SULT4A1	TSS24825	chr22:44220386	0	0
CSPG4	TSS30593	chr15:75966662	0	0.0456736
CCDC144A	TSS26809	chr17:16593638	0.30948	0.225029
OR7E47P	TSS22354,TSS	chr12:52473479	0	0.154747
MT1E	TSS31531	chr16:56659584	0	0.095423
Cp-EBNA3B_1	-	chrEBV(Akata_	0	2.80344
KIR3DL2	TSS2660	chr19:55361897	0.024995	0
TESC-AS1	TSS11926	chr12:11753727	0	0
NR2F2	TSS15199,TSS	chr15:96869156	0	0
GAGE12I	TSS13193	chrX:49335064-	0.214061	0
GYPA	TSS31194	chr4:145030455	0	0.0509305

LINC01158	TSS23913,TSS	chr2:10542188	0	0.146686
SNORD35B	TSS24550	chr19:5000097	0	0
BLLF3_1	-	chrEBV(Akata_	0	0.0867454
BNC2	TSS23282	chr9:16409500-	0.03268	0.0480392
LINC01436	TSS10345	chr21:3737761	0	0.0238106
OPRM1	TSS11107,TSS	chr6:154331630	0.0351426	0.0721537
PILRA	TSS5550	chr7:99971067-	1.54855	1.33033
LRP3	TSS22119	chr19:3368559	0	0.0639698
RXFP1	TSS7529	chr4:15944286	0.105984	0
CFHR2	TSS10076	chr1:19691293	0	0.0185872
LINC00485	TSS31974	chr12:1032030	0	0.037852
ADRA1D	TSS10775	chr20:4201277-	0	0
CXCL16	TSS9178	chr17:4636823-	9.38373	3.45012
C17orf64	TSS28872	chr17:5849986	0	0
DPPA3	TSS3893	chr12:7864049-	0	0.0710725
NETO1	TSS10084,TSS	chr18:7040954	0.493022	3.01085
CCAT2	TSS2450	chr8:1284126	0	0
SLC6A14	TSS15537	chrX:11556774	0	0
LOC10192869	TSS22630	chr1:17490408	0	0.257166
SNORD83A	TSS4682	chr22:3971121	0	0
PCDHB18P	TSS32252	chr5:14061390	0	0
MIR1233-1	TSS6845	chr15:3482049	0	0
CHMP4C	TSS25321	chr8:82644687-	1.51521	0.692566
LOC10192718	TSS30042	chr6:53794779-	0	0
KIAA0895	TSS12319,TSS	chr7:36363758-	0	0.230643
SLC6A7	TSS12098	chr5:14956951	0	0
PPM1E	TSS30702	chr17:5683322	0.000689422	0.100204
CTD-2270F17.	TSS19773	chr5:16981649	0	0
SEMA3E	TSS30342,TSS	chr7:82993221-	0	0.0399415
RASSF8	TSS2116,TSS2	chr12:2611196	0.189261	0.141055
GAGE12D	TSS10583	chrX:49334991-	0.000669246	0.00910454
OR2T11	TSS23257	chr1:24878947	0	0
TRH	TSS20921	chr3:12969323	0	0.00170319
LARGE-AS1	TSS3180	chr22:3412097-	0	0.150163
DRD2	TSS4863	chr11:1132803-	0	0
BARX1	TSS15227	chr9:96713908-	0	0
LDOC1	TSS33829	chrX:14026993	0.896246	3.99267
HOXB6	TSS14736	chr17:4667309	0	0.0213944
ZNF32-AS1	TSS20299	chr10:4413931	0	7.09E-88
FOXB1	TSS12687	chr15:6029642	0	0
CLCNKB	TSS20420,TSS	chr1:16370230-	0	0
MYOZ1	TSS33855	chr10:7539136	0	0.0912032
SCHIP1	TSS17840,TSS	chr3:15899103	0	0.0217551
ARL2-SNX15	TSS23451	chr11:6478158	3.67E-05	8.47E-10
SYP-AS1	TSS7199	chrX:49055297-	0	0
LINC00343	TSS20314	chr13:1063591	0	0
NEUROD1	TSS15977	chr2:18254083	0	0.0341493
RD3L	TSS14679	chr14:1044067	0	0
DSEL	TSS13619	chr18:6517381	0.0548986	0.0165186
RFPL2	TSS16995,TSS	chr22:3258642-	0	0.0383713
NXPH4	TSS8690	chr12:5761057	2.18968	1.20293
VGFB	TSS16090	chr7:10080578	0	0.243474
LOC440600	TSS6524	chr1:11082899	0.119494	0.079296
MAGEA8	TSS19149	chrX:14900994	0	0
DPP4	TSS10557	chr2:16284875	0.346212	0.121014



WDR72	TSS11491,TSS	chr15:53805937	0	0
HAS2-AS1	TSS25090	chr8:122651587	0	0
TMEM151A	TSS22957	chr11:66059377	0.176411	0.0682904
DGKI	TSS25621	chr7:137074384	0.00290507	0.020721
ANGPTL5	TSS16135	chr11:10176140	0	0
UGT2B10	TSS14996	chr4:69870294	0	0
4-Mar	TSS10232	chr2:217122584	0	0
ELOVL4	TSS570	chr6:80624528	0.0144101	0.0669287
AQP10	TSS10792	chr1:154293597	0	0
PAX9	TSS25482	chr14:37126777	0	0
C11orf72	TSS11949	chr11:67370350	0	0.00237594
HMGCLL1	TSS14817	chr6:55299170	0	0
LINC01115	TSS24287	chr2:779836-86	0	0
LOC285762	TSS31876	chr6:119773717	0.252511	0
VTN	TSS25292	chr17:26694298	0	0.0641405
TMEM132B	TSS24207,TSS	chr12:12581116	0.0746758	0
F11	TSS11678	chr4:187187117	0.026801	0
LOC101927472	TSS8570	chr10:10608317	0	0
SLC6A19	TSS2165	chr5:1201709-7	0	0
DIP2C	TSS16412	chr10:320129-7	0.0971028	0.0644579
LRRN4	TSS31826	chr20:6021191-	0	0.0810256
RCOR2	TSS16345	chr11:63678697	0	0.105945
DSPP	TSS10686	chr4:88529680-	0	0
IL1RL2	TSS30120	chr2:102803437	0	0
RNF217-AS1	TSS23596	chr6:125229397	0	0.0311733
NR4A2	TSS25210	chr2:157180947	2.05722	1.82255
Repeat_unit_rar	-	chrEBV(Akata_	0	0
TKTL1	TSS29875,TSS	chrX:153524021	0	0.0668969
PCBP3	TSS3389	chr21:47269874	0	1.24366
FOSB	TSS19706	chr19:45971257	2.28634	1.00464
SLC7A14	TSS32475	chr3:170177347	0	0
GFRAL	TSS14725	chr6:55192266-	0	0
ZMYND15	TSS33887	chr17:4643309-	0.292178	0.165901
LINC01397	TSS9409	chr1:110625309	0	0
PCDHB4	TSS3984	chr5:140501337	0	0
HAPLN1	TSS8421	chr5:82934016-	0	0
PRR23D2	TSS31107	chr8:7636112-7	0	0
LOC101928437	TSS19411	chrX:112285957	0.202148	0
TREH	TSS19566	chr11:11852894	0	0
ZNF670-ZNF69	TSS16703	chr1:247108848	0	0
ART3	TSS1697,TSS1	chr4:76932332-	0	0
ST5	TSS1611,TSS2	chr11:8714898-	0	0.188036
FGL2	TSS15936	chr7:76822687-	2.82619	0.912684
GTSF1L	TSS22114	chr20:42354800	0	0
ASGR1	TSS9703	chr17:7076750-	0	0
KRT12	TSS7533	chr17:39017429	0	0
EPCAM	TSS17582	chr2:47596286-	0	0.0416291
SERPINA3	TSS28891	chr14:95078717	0	0.013235
TMEM158	TSS6856	chr3:45265955-	0	0
LHB	TSS12072	chr19:49519236	0.116787	0
UBD	TSS27049	chr6:29523388-	0	0
ANKRD2	TSS33309	chr10:99332197	0	0
VCX3B	TSS18034	chrX:8432870-1	0	0
PRSS23	TSS20010,TSS	chr11:86502100	0	0.074934
PPP1R14D	TSS28786	chr15:41107647	0	0

ACOT6	TSS12824	chr14:7408354-	0	0
LINC00908	TSS6498	chr18:7424061-	0	0
HAO1	TSS23628	chr20:7863630-	0	0
ACTL8	TSS1277	chr1:18081807-	0	0
CCR2	TSS25130	chr3:46395234-	0	0
MIR7705	TSS19177	chr8:10171519-	0	0
EVC	TSS24018	chr4:5712923-	0.119858	0.0531812
RPRM	TSS3456	chr2:15433385-	0	0.148567
LINGO2	TSS14455,TSS	chr9:27948083-	0.0557841	0.0432632
FST	TSS14535	chr5:52776263-	0.731347	0
TDRD9	TSS24075	chr14:1043948-	0.172319	0.149734
LINC01107	TSS24929	chr2:23941933-	0	0
RNF175	TSS33582	chr4:15463131-	0.445903	0
CDC42EP5	TSS20544	chr19:5497620-	0	0
IQCF3	TSS23614	chr3:51860898-	0	0.0293212
PMCHL1	TSS33960	chr5:22142460-	0	0
NBEAP1	TSS12182	chr15:2087479-	0	0.594367
POPDC3	TSS21434,TSS	chr6:10560577-	0	0
MYCT1	TSS14168	chr6:15301902-	0	0.0561037
SNORD46	TSS13543	chr1:45242163-	1575.11	114.59
FAM231A	TSS22700	chr1:16999497-	0	0
GPR151	TSS11831	chr5:14589441-	0	0.295468
LINC00163	TSS11254	chr21:4640977-	0	0.146125
SNORD116-22	TSS11000	chr15:2533506-	0	0
KCND2	TSS27599	chr7:11991372-	0	0
ITGA2	TSS18819	chr5:52285155-	0.143376	0.0597296
PITX1	TSS18968	chr5:13436342-	0.282164	0.0873878
ARMC3	TSS26219	chr10:2321695-	0	0
LOC101928381	TSS31233	chr9:70364017-	0	0.0657109
CSF3	TSS30661	chr17:3817161-	0	0
NPBWR2	TSS20044	chr20:6273718-	0	0
RAB20	TSS20563	chr13:1111754-	0.830451	0.851859
SNORA55	TSS26280	chr1:40033045-	19.776	0
HCRT	TSS5059	chr17:4033607-	0	0
RBMY1A1	TSS24082	chrY:23673257-	0.0105931	0
CSPG4P1Y	TSS6775	chrY:26329580-	0	0
CSPG4P1Y	TSS9230	chrY:27629054-	0	0
LINC00882	TSS28542	chr3:10682863-	0	0
KCNH4	TSS23848	chr17:4030890-	0.0499489	0.506864
LOC101928162	TSS15648	chr12:1090283-	0	0.0227528
C6orf10	TSS19889	chr6:32260474-	0.169609	0
KLRB1	TSS23277	chr12:9747869-	2.97988	0.0564216
SLC5A9	TSS1737	chr1:48688356-	0.247487	0
POTEG	TSS8423	chr14:1955336-	0.00773757	0.0321756
PPP4R1-AS1	TSS1973,TSS2	chr18:9614804-	0	0
CASP1P2	TSS9743	chr11:1049333-	0	0.00318313
LINC00693	TSS3125	chr3:28616768-	0.532541	0.00434223
FAM187B	TSS2590	chr19:3571570-	0	0
APP	TSS28194,TSS	chr21:2725286-	11.1165	21.3394
TMEM52	TSS7644	chr1:1849028-	0	2.69585
ELF3	TSS26024	chr1:20197968-	0	0.0870385
CDH10	TSS28334	chr5:24487208-	0	0
MIR663B	TSS12039	chr2:13301453-	44.9384	14.6124
PRICKLE2-AS	TSS16894	chr3:64173219-	0.256632	0.0110365
CLEC1B	TSS6531	chr12:1014566-	0	0

CD36	TSS12801,TSS	chr7:80231503-	0.685091	0
SNORA9	TSS29937	chr7:45024976-	233.89	11.1992
CTRB2	TSS15462	chr16:75237990-	0	0
FAM177B	TSS12217	chr1:22291055-	4.24512	1.61734
ASS1	TSS6008	chr9:133320090-	0.180203	0.604829
BDLF3_1	-	chrEBV(Akata_	0	6.18472
EPPIN-WFDC6	TSS14832	chr20:44164918-	0	0
HEY2	TSS27698	chr6:12607073-	0	0.115951
C1orf229	TSS28629	chr1:24727346-	0	0.0771792
RBPJL	TSS5635	chr20:43935480-	0	0.0415181
TEX19	TSS24774	chr17:80317120-	0	0.401447
SCIN	TSS12159,TSS	chr7:12610202-	0.71764	0.1074
MCIDAS	TSS30967	chr5:54515424-	0	0.0666555
HTR2B	TSS6156	chr2:231972940-	0	0.468909
VN1R5	TSS34157	chr1:247419370-	0	0
LOC729966	TSS2180	chr19:18360750-	0	0
APOA2	TSS17609	chr1:161192080-	0	0
BALF1_1	-	chrEBV(Akata_	0	0.827489
MIR3936	TSS3422	chr5:13170118-	0	0
PRR23D2	TSS12136	chr8:73971490-	0	0
CACNA2D1	TSS15839	chr7:81575759-	0	0.00931647
CH25H	TSS29621	chr10:90965690-	1.23885	0
FGF5	TSS15063,TSS	chr4:81187741-	0.143649	0.0457734
KRT72	TSS20811	chr12:52979370-	0	0
EMCN	TSS17625	chr4:101316490-	0	0.0463161
TRIM64B	TSS7125	chr11:89603600-	0	0
IDO2	TSS32196	chr8:39792473-	0	0.0151744
WNK2	TSS24341	chr9:95947211-	0.025015	0.038713
AHSG	TSS4220	chr3:186330840-	0	0
THEGL	TSS33352	chr4:57396774-	0	0
LINC01289	TSS3354	chr8:64681987-	0	0.0455636
MOCS1	TSS1550,TSS2	chr6:39872033-	0.131584	0.042433
FBXO17	TSS10008,TSS	chr19:39432040-	0	0.16066
KCNMA1-AS3	TSS16237	chr10:79110620-	0	0
CADM3-AS1	TSS25108	chr1:159165770-	0.186648	0.0785717
IZUMO1R	TSS25959	chr11:94038800-	0	0
IVL	TSS30939	chr1:152881030-	0	0
PTH2R	TSS21061,TSS	chr2:209224560-	0.251507	0.0292055
BHMG1	TSS22492	chr19:46236500-	0	0
TYMP	TSS12327	chr22:50964180-	4.81467	19.7025
CST3	TSS29035	chr20:23608530-	0.443977	0.719103
MARK1	TSS32263	chr1:220701520-	1.43979	1.15111
LOC101927132	TSS19524	chr16:47892490-	0	0.0394058
ROR1	TSS22228	chr1:64239689-	0.263929	0.573228
SLCO1B7	TSS11852	chr12:21168620-	0	0.0211402
SERPINA2	TSS17765	chr14:94829970-	0	0
IFITM2	TSS31574	chr11:30810600-	38.2055	62.2576
S100A14	TSS25453	chr1:15358673-	0	0.144696
SERTAD4	TSS12272	chr1:210406190-	0	0
NPFFR2	TSS12464,TSS	chr4:72897520-	0	0
ALPK3	TSS30597	chr15:85359910-	0	0.0310098
CES4A	TSS123,TSS28	chr16:67022490-	0	0.160682
LOC100130264	TSS11482	chr20:19222940-	0	0
DDX4	TSS14856,TSS	chr5:55033844-	0.00456167	0.0692398
PRB4	TSS14370	chr12:11460010-	0	0

LINC00857	TSS26102	chr10:81967465	0.209045	0
FAM19A5	TSS20395,TSS	chr22:48885275	0	0.978373
ESYT3	TSS33979	chr3:138153414	0	0
DEFB134	TSS13205	chr8:118506855	0	0
LINC01226	TSS12885	chr1:319840355	0	0.125379
MTUS2	TSS12435,TSS	chr13:29598745	0.31617	0.112629
NKX2-5	TSS3018	chr5:172659105	0.664235	0
KLK10	TSS10152,TSS	chr19:51515995	0	0.120965
ALDH3B1	TSS11538,TSS	chr11:67776015	0	0.84076
TNFAIP6	TSS23130	chr2:152214105	0	0
LINC00463	TSS8125	chr13:25746965	0	0
COL6A5	TSS3060	chr3:130064355	0	0
CATSPERD	TSS9801	chr19:57206875	0	0
TYRO3	TSS5581	chr15:41851215	0.0767181	0.0622048
BSLF2/BMLF1	-	chrEBV(Akata_	0	0.173629
SHISA6	TSS15681	chr17:11144735	0	0
SLC22A20	TSS20358	chr11:64981315	0	0.0292084
LINC00229	TSS24722	chr22:45002205	0	0
CGB5	TSS1915	chr19:49547105	0	0
VEPH1	TSS13829,TSS	chr3:156977535	0	0
CADPS	TSS32605	chr3:623840205	0.117133	0.106981
HID1-AS1	TSS23081	chr17:72966785	0.12565	0.0487476
MGST1	TSS12170,TSS	chr12:16500075	1.30351	0.437402
SLCO2B1	TSS102,TSS24	chr11:74862035	0.233714	0.439552
ABCC8	TSS14611	chr11:17414435	0	0
PREX2	TSS21639	chr8:688646025	0.0923705	0.000941173
MAGEA10	TSS16387	chrX:151301785	0	0.103881
CSPG5	TSS29581,TSS	chr3:476037275	0	0.303394
ERMN	TSS18889,TSS	chr2:158175125	1.75257	1.0212
RYR3	TSS26714	chr15:33603165	0.0324921	0.0361355
CCR5	TSS32864	chr3:464116325	0	0.118817
LOC729930	TSS17815	chr1:897549405	0	0
B3GNT8	TSS23547	chr19:41931265	0.00610442	0
C12orf79	TSS12128,TSS	chr12:92378755	0.0211991	0.472867
SH2D1B	TSS5208	chr1:162365055	0.0528116	0
CGB1	TSS28772	chr19:49538825	0	0
TP53TG3B	TSS10047	chr16:33262115	0	5.03E-08
FAM71E2	TSS13096	chr19:55866275	0	0
MUC19	TSS28635	chr12:40787195	0	0.00523159
SCGB1A1	TSS9407	chr11:62186505	0	0
CD300LG	TSS29925	chr17:41924515	0	0
LINC00635	TSS20117	chr3:107560505	0.497121	0.0405306
C1QC	TSS13877	chr1:229701175	0	0.161317
LINC01170	TSS15696	chr5:123395485	0	0.348148
ACMSD	TSS12145	chr2:135596185	0	0
HOXD8	TSS10935,TSS	chr2:176994425	0.0863248	0.0672143
TLR4	TSS10015	chr9:120466455	1.76062	0.421979
PPP1R17	TSS24840	chr7:317266305	0	0
SH3GL3	TSS21995	chr15:84115975	0	0
LOC101929695	TSS23557	chr5:139120935	0	0
ESRP1	TSS5543	chr8:956533635	0.00131389	0
B3GNT5	TSS31860	chr3:182971035	0.421548	1.26425
ENAH	TSS10503	chr1:225674535	0.3705	0.530098
CYTL1	TSS2863	chr4:50163135	0	0
CES1	TSS10011	chr16:55836765	0.0113145	0.0350481

TTTTY9A	TSS20232	chrY:20743091-	0	2.75E-122
SERPINA5	TSS28080	chr14:9504770-	0	0.00867624
TMPRSS11BNIT	TSS7355	chr4:69049846-	0	0
KIAA2012	TSS15861	chr2:20293797-	0	0.00208876
LOC101928797	TSS23028	chr9:12041088-	0	0
PCDH15	TSS23882	chr10:5556253-	0.0304375	0.0465821
COL9A1	TSS25217,TSS	chr6:70925742-	0	0.0783541
TEAD1	TSS9160	chr11:1269596-	0.126227	0.0175564
FCRL4	TSS10843	chr1:15754353-	0.848481	3.77387
C9orf171	TSS8418	chr9:13528558-	0.264964	0.205229
EPHB2	TSS16425	chr1:23037330-	0.0311842	0.0392111
OR2B2	TSS14966	chr6:27878962-	0	0
CCR4	TSS2464	chr3:32993065-	0.783218	0.195007
RP1	TSS29105	chr8:55528626-	0	0
SNORA14B	TSS11810	chr1:23529111-	213.813	3.42701
TIFAB	TSS18099	chr5:13478455-	0	0
LINC00639	TSS4908	chr14:3921854-	0	0.0532707
SCRT2	TSS24060	chr20:642239-	0.134484	0
MSTN	TSS8765	chr2:1909204-	0	0
OR52I1	TSS13072	chr11:4615268-	0.773413	0
EPAS1	TSS16335	chr2:46524540-	0.38365	0.0387254
CREB3L1	TSS7415	chr11:4629918-	0	0
HS3ST4	TSS17787	chr16:2570334-	0	0.0606452
HDC	TSS31116	chr15:5053414-	0	0
LY6G6E	TSS25924	chr6:31679752-	0	0
FAM95C	TSS5800	chr9:38540563-	0	0
VN1R2	TSS20699	chr19:5376154-	0	0
C12orf77	TSS28336	chr12:2514636-	0.0621105	0
ENTPD8	TSS5165	chr9:14032881-	0	0
ABHD12B	TSS21243	chr14:5133887-	0	0
CFAP69	TSS17062	chr7:89874487-	0	0.0525899
PDGFA	TSS5938	chr7:536896-5-	1.11878	1.36823
OR2K2	TSS454	chr9:11408976-	0	0.164846
SLC6A5	TSS7271	chr11:2062094-	0	0
FERMT2	TSS855	chr14:5332398-	0	0.00341703
ONECUT1	TSS11133,TSS	chr15:5304915-	0	0
LOC101926915	TSS29940	chr6:46244060-	0	0.0354494
FXVD2	TSS25519,TSS	chr11:1176907-	2.12599	1.12097
FANCD2OS	TSS26281	chr3:10123003-	1.05E-18	0
RNU12	TSS33165	chr22:4301125-	46.3258	14.3766
LOC100507443	TSS33989	chr2:20898385-	0	0
TUBA3C	TSS23044	chr13:1974790-	0	0
SHTN1	TSS22615,TSS	chr10:1186428-	0.185443	0.175504
LOC100130849	TSS22856	chr7:56943077-	0	0
LOC101927043	TSS25337	chr2:47419543-	0	0
PLEKHG7	TSS12827	chr12:9313026-	2.36686	0.55171
GAP43	TSS31096	chr3:11534215-	0	0.230446
LINC01169	TSS11597	chr15:6687452-	0	0
NLRP14	TSS16520	chr11:7041699-	0	0
DUXAP10	TSS27276	chr14:1988246-	3.66E-07	2.94E-05
MAPK10	TSS30989,TSS	chr4:86936275-	0.149602	0.154088
LINC01500	TSS10103	chr14:5929500-	0	0
LOC400548	TSS30847	chr16:8517075-	0.22678	0
RNASE6	TSS20137	chr14:2124920-	1.44475	2.34867
ADAMTS9	TSS23380	chr3:64501330-	0	0

RGS13	TSS25044	chr1:192605267	0.0307463	0.190617
SNORA16B	TSS22255	chr1:212526159	0	0
PRX	TSS6293	chr19:40899670	1.45475	0.393641
LOC101929124	TSS16019	chr19:22703796	0	0.0202443
TNFSF13B	TSS9837	chr13:10892197	1.27767	0.373769
GALNT14	TSS12006,TSS	chr2:31133330-	0.243495	0.276476
MYOC	TSS2887	chr1:171604556	0	0
A2MP1	TSS26806	chr12:9381128-	0	0
LGR6	TSS30569,TSS	chr1:202163117	0	0.0224562
GPAT2	TSS21458	chr2:96687693-	1.04388	5.16027
ST6GALNAC2	TSS24674	chr17:74561460	0.430166	0.351611
WWTR1-AS1	TSS124	chr3:149375996	0.57169	0.12652
KAZN	TSS18649,TSS	chr1:14925212-	0.00449011	0.770464
FEZ1	TSS27685	chr11:12531564	0.287087	0.458911
LOC101929532	TSS28499	chr2:162970950	0	0
SLITRK4	TSS2154,TSS2	chrX:14271059-	0.000707812	0
LOC102724784	TSS24906	chr11:8790324-	0	0.0800702
PARD3B	TSS27138	chr2:205410515	0	0.0073886
CYP11B2	TSS21636	chr8:143991974	0	0.0116545
PMP22	TSS12693,TSS	chr17:15133095	0	0
PLEKHA7	TSS29449	chr11:16809206	0.242554	0.767295
FAM107A	TSS11604,TSS	chr3:58549838-	0	0.0429538
CITED4	TSS15798	chr1:41326727-	0.444894	0.028731
OR13D1	TSS17941	chr9:107456702	0	0
KCNG1	TSS2495	chr20:49620192	1.92887	1.98094
PLB1	TSS23089	chr2:28718937-	0	0
DEFA5	TSS6099	chr8:6912821-6	23.3112	6.22554
CCR1	TSS2775	chr3:46243199-	0.282453	0.0900403
SCARNA18	TSS20569	chr5:82360022-	0	0
ACTG2	TSS28019	chr2:74120092-	0	0.260677
TDRD15	TSS23839	chr2:21346857-	0	0
EPB42	TSS30589	chr15:43489425	0	0.113092
TYR	TSS23930	chr11:88911039	0	0
KL	TSS7471	chr13:33590570	0	0.0133354
CLEC2L	TSS7976	chr7:139208675	0	0.00960265
FFAR4	TSS24445	chr10:95326427	0	0.0563082
TMEM31	TSS2567	chrX:102965830	0	0
LOC101928961	TSS15699	chr10:68653867	0	0
HCN4	TSS1810	chr15:73612199	0	0
IFNA5	TSS7592	chr9:21304612-	0	0.545989
C10orf67	TSS14227	chr10:23605519	0.00500575	0.0930012
CLEC14A	TSS4548	chr14:38723204	0	0.0439319
OR5H6	TSS425	chr3:97983128-	0	0
PROX1	TSS14128,TSS	chr1:214161277	0.625453	0.0523913
LOC101928540	TSS368	chr6:76092901-	0	0
AQP7P1	TSS33602	chr9:67270214-	0.0867074	0
FAM198B	TSS10318,TSS	chr4:159045737	0.297334	0.0906398
LOC101928449	TSS9624	chr12:82347497	0	0
LINC01600	TSS30171	chr6:2622146-2	0.0183879	0
HMX2	TSS27439	chr10:12490765	0	0
MBL1P	TSS32539	chr10:81679935	0	0
GDNF	TSS11623,TSS	chr5:37812778-	0	0
INSL6	TSS9630	chr9:5163862-5	0	0
SOD2	TSS29562	chr6:160100148	38.1784	42.5931
LOC102723766	TSS3911	chr4:185286715	0	0.323257

WSCD2	TSS22137,TSS	chr12:10852324	0	0.0495067
LOC255187	TSS33295	chr5:148442879	0	0
LOC650226	TSS29063	chr7:56491396-	0	0
ZCCHC16	TSS10703	chrX:11132625-	0	0.00182978
XLOC_008559	TSS10684	chr10:92707056	0	0
SSX2B	TSS28326	chrX:52725945-	0	0
LINC00272	TSS6993	chr1:18237675-	0	0
PLN	TSS23889	chr6:11886944-	0	0
PCDH19	TSS6197	chrX:99546641-	0	0
XLOC_007697	TSS34185	chr9:44181510-	0	0
HPN	TSS23578	chr19:35531409	0	0.0399034
FGFBP1	TSS18829	chr4:15937192-	0	0
TAC1	TSS3887	chr7:97361270-	0	0.105097
LOC101928335	TSS17854	chrX:107137820	0	0
SCG3	TSS17114	chr15:51973549	0	0
IFNA1	TSS4409	chr9:21440452-	0	0
FAM83C-AS1	TSS10242	chr20:33873050	0	0
CEACAM19	TSS24554	chr19:45174720	0	0.108649
LOC101927815	TSS19635,TSS	chr8:2387218-2	0	0.072687
TMEM155	TSS7814	chr4:122680084	0	0
FLJ25758	TSS17142	chr19:7004963-	0	0
SERP2	TSS22469	chr13:4494797-	0	0.209558
NPSR1-AS1	TSS11362,TSS	chr7:34386123-	0	0.071036
LINC00707	TSS18470	chr10:6821559-	0	0.0194536
GATA5	TSS7823	chr20:61038550	0	0
EMX1	TSS680	chr2:73144603-	0	0.0479125
GLIS2-AS1	TSS1186	chr16:4374648-	0	0
ACSM2B	TSS32795	chr16:20548080	0	0
LOC284632	TSS16441	chr1:24526729-	0	0
LOC100270746	TSS16922	chr6:26987144-	0	0
FAM224A	TSS30492	chrY:20488418-	0	0.0553619
MRGPRD	TSS22227	chr11:68747489	0	0
SNORD116-4	TSS17458	chr15:25304680	0	0
LOC101927416	TSS8163	chr3:9234176-9	0	0
ALDH7A1	TSS18683	chr5:125877530	0	0.197331
HEPH	TSS12275,TSS	chrX:65382390-	0	0.043557
C6orf223	TSS19013	chr6:43968336-	0.12215	0.235791
CD93	TSS19098	chr20:23059990	0.140384	0.133317
LOC101927478	TSS12840	chr1:229644176	0	0
LOC389332	TSS12219	chr5:135527150	0	0
LINC01001	TSS7818	chr11:126986-1	0.641922	0.465633
IGFBP2	TSS28530	chr2:217498126	0	0.0116946
CCL27	TSS22479	chr9:34661879-	0	0
GATA2	TSS16409,TSS	chr3:128198264	0	0
ATP10B	TSS7309	chr5:159990126	0	0.0357546
LOC101928008	TSS23252	chr11:9860688-	0	0
KRTAP5-6	TSS6286	chr11:1718424-	0	0
KRT82	TSS18211	chr12:52787734	0	0
DMBX1	TSS3438	chr1:46972667-	0	0
LINC01510	TSS17671	chr7:11620364-	0	0
FAXDC2	TSS23899	chr5:15419805-	0.338808	0.387709
CD5L	TSS7957	chr1:157800700	0	0
NBAT1	TSS6019	chr6:22134830-	0	0
KRTAP5-4	TSS29277	chr11:1642187-	0	0
ARHGEF17	TSS5034	chr11:73019660	0.070891	0.100563

CLEC4D	TSS8517	chr12:8666135-	0	0.0365365
BLLF1_1	-	chrEBV(Akata_	0	2.41122
KCNC2	TSS4107	chr12:7543385-	0	0
SLC7A10	TSS7133	chr19:3369956-	0	0
MYBPHL	TSS6770	chr1:10983498-	0	0
CECR6	TSS1839,TSS7	chr22:1759718-	0.0988971	0
PTGDS	TSS16618	chr9:13987195-	0	0
HMX1	TSS28128	chr4:8847801-	0	0
KBTBD13	TSS27607	chr15:6536915-	0	0
CCAT1	TSS7155	chr8:12821962-	0	0
SLC2A9	TSS29525,TSS	chr4:9827847-	0	0.445133
FAM83B	TSS10874	chr6:54711568-	0	0
FAM231A	TSS13387	chr1:17060446-	0	0
MYF6	TSS28938	chr12:8110140-	0	0
SNORA13	TSS25467	chr5:11149718-	0	0
LOC100506834	TSS6196	chr9:89563612-	0.00493859	0.00152884
FGF	TSS14105	chr4:15548413-	0	0.0294769
SLC5A4	TSS7729	chr22:3261446-	0	0.0348396
HAPLN4	TSS17707	chr19:1936645-	0	0.128248
COL13A1	TSS12001	chr10:7156164-	0	0
ZNF488	TSS13757	chr10:4835508-	0	0.0775461
NCRUPAR	TSS12972	chr5:76008227-	1.95329	0
CCDC170	TSS5351	chr6:15181517-	0.0733455	0.0441461
F5	TSS24065	chr1:16948119-	0	0.0859146
MROH7	TSS1126	chr1:55107412-	0	0
RBM1E	TSS25566	chrY:23673263-	0.0194023	0
C3orf70	TSS26063	chr3:18479583-	0	0.039387
ZCCHC12	TSS7658	chrX:11795778-	0.0205339	0.1113
KRT9	TSS3248	chr17:3972209-	0	0
C1QTNF5	TSS10169,TSS	chr11:1192096-	0	0
FAT2	TSS4587	chr5:15088365-	0.0986629	0.159399
GS1-24F4.2	TSS3632	chr8:6693075-	0	0
NKX2-1	TSS14296,TSS	chr14:3698560-	0.209727	0
TBX10	TSS28337	chr11:6739877-	0	0
LOC101927924	TSS29507	chr2:13068074-	0	0.0433999
ATP6V1G3	TSS3258	chr1:19849235-	0	0
KCNJ2	TSS950	chr17:6816567-	0.492636	0.210706
CYP27A1	TSS2059	chr2:21964647-	1.09799	0.728715
UBL4B	TSS1730	chr1:11065506-	0	0
QPCT	TSS26342	chr2:37571752-	4.04308	0.840719
LINC00448	TSS22164,TSS	chr13:6324641-	0	0
CLEC9A	TSS30513	chr12:1018327-	0	0
DCLK3	TSS1496	chr3:36753912-	0	0
PEAR1	TSS13207	chr1:15686352-	0	0
ODF4	TSS16487	chr17:8243187-	0	0
CSRP3	TSS21772	chr11:1920357-	0	0.0248949
MEIS2	TSS17014,TSS	chr15:3718322-	0.0814029	0.273101
DNAH8	TSS21375	chr6:38683116-	0	0.0252789
BVRF1_1	-	chrEBV(Akata_	0	0.0305376
CPVL	TSS27987	chr7:29035246-	0.847793	0.213245
LOC100134391	TSS25261	chr17:7173399-	0	0
RBM20	TSS11621	chr10:1124041-	0	0.116749
C14orf37	TSS1189	chr14:5847080-	0.207908	0.108904
WDR66	TSS13524	chr12:1223564-	0.161949	0.10744
MIR1233-2	TSS21392	chr15:3467426-	0	0



EVADR	TSS593	chr6:71103904-	0	0
PTGDR2	TSS21576	chr11:60618397-	0	0.0689544
KRT75	TSS31528	chr12:52817850-	0	0
LINC01209	TSS33266	chr3:176531940-	0	0
SMIM10	TSS26805	chrX:134124960-	0	1.32072
ARHGEF40	TSS21235	chr14:21538410-	0.457512	0.165419
CYP4X1	TSS9004	chr1:47489239-	0	0
AMY1B	TSS27654	chr1:104198324-	0.000185783	8.09E-08
LOC100240734	TSS16817	chr12:54495992-	0	0
LOC101929504	TSS21075	chr6:169575390-	0	0.257432
LEMD1-AS1	TSS11905	chr1:205342370-	0	0.0493838
CCND1	TSS15427	chr11:69455872-	0.101144	0.712336
IFNW1	TSS30894	chr9:21140630-	0.49504	0
LOC440117	TSS33189	chr12:12735400-	0	0
GRP	TSS17510	chr18:56887390-	0	0
CCDC175	TSS25427	chr14:59971784-	0	0
HIGD1C	TSS22270	chr12:51347780-	0	0
LINC01502	TSS17163	chr9:138466770-	0	0
LOC729737	TSS21159	chr1:134772-14	3.0436	1.93117
LOC158434	TSS30290	chr9:98868942-	0.0167081	0.0388053
AEBP1	TSS32616	chr7:44143959-	0.925522	1.29266
ZMAT4	TSS24380	chr8:40388110-	0	0.135004
SEPP1	TSS16157	chr5:42799981-	4.71E-08	1.35E-07
LYPD4	TSS162,TSS20	chr19:42341147-	0	0.0870051
CADM3	TSS32833,TSS	chr1:159141370-	0	0.0892905
KRTAP10-2	TSS15913	chr21:45970230-	0	0
B4GALNT4	TSS22903	chr11:369794-0	0	0.0687202
CT62	TSS22220	chr15:71402580-	0	0
LINC00587	TSS15471	chr9:105281910-	0	0
C1orf194	TSS3817	chr1:109648570-	0	0
DNAJA1P5	TSS10939	chr1:102337560-	0.0103296	0.127366
CD164L2	TSS21861	chr1:27705589-	0	0
LINC00271	TSS18888	chr6:135818930-	0	0.0101153
CDKN2A-AS1	TSS24996	chr9:21967137-	0	0
SYT17	TSS2845,TSS9	chr16:19179534-	0.241754	0.658919
PAGE5	TSS7683	chrX:55246779-	0	0
CACNA1C-IT3	TSS8352	chr12:2378941-	0	0
LINC00029	TSS26764	chr20:61665560-	0	0.0408127
LOC101927630	TSS18822	chr7:17503068-	0	0
LDLRAD1	TSS21063	chr1:54472970-	0	0.0498592
LOC100132781	TSS10429	chr9:99631181-	1.14201	0.0491287
TNN	TSS9003	chr1:175036990-	0	0.0266597
HOXA10-HOX	TSS3217	chr7:27202056-	3.51E-18	3.45E-08
SSX2B	TSS4399	chrX:52780280-	0	0
LINC01375	TSS23721	chr10:91675240-	0	0
RBMX1B	TSS13424	chrY:24026222-	0.000356687	0
LINC01499	TSS13419	chr11:41736110-	0	0
LINC00608	TSS18040	chr2:21984100-	0	0.00464888
PADI1	TSS9955	chr1:17531620-	0	0
CPA1	TSS28422	chr7:13002021-	0	0
MIR6126	TSS25397	chr16:3535380-	0	0
HSD3BP4	TSS11823	chr1:12010650-	0.00488807	0.007908
LOC150935	TSS12214	chr2:24068455-	0	0.0380067
LINC00566	TSS7298	chr13:24905580-	0.517465	0.160943
FOLH1B	TSS15546	chr11:89392464-	0	0

RMRP	TSS6371	chr9:35657747-	475.927	62.608
NRSN1	TSS24944	chr6:24126413-	0	0
BAALC	TSS24802	chr8:104152920	0.248626	0
SPATC1	TSS7723	chr8:14508658-	0.361604	0.0560079
EMP1	TSS21252	chr12:1334960-	0.268746	0.55072
MED15P9	TSS6231	chr2:13088719-	0	0
TPRX1	TSS15421	chr19:4830449-	0	0
NPHS1	TSS33169	chr19:3631627-	0.017168	0.0199289
SMIM22	TSS25097,TSS	chr16:4838397-	0	0
GHSR	TSS10343	chr3:172161080	0	0.0226702
ZAN	TSS8277	chr7:10033124-	0	0.039205
MYRF	TSS20829,TSS	chr11:6152010-	0.0523108	0.109877
SYT10	TSS30451	chr12:3352834-	0	0.0129327
CFAP54	TSS22573	chr12:9688334-	0.125759	0.0480918
HHIP	TSS776	chr4:14556714-	0	0.352403
LINC00536	TSS10223	chr8:11696273-	0	0.0255627
ATP1B4	TSS1157	chrX:11949593-	0.0362543	0
SHH	TSS31995	chr7:15559555-	0	0
ST6GAL2	TSS11308,TSS	chr2:10741805-	0	0
OPN5	TSS29123,TSS	chr6:47749774-	0	0.0875897
LINC00689	TSS4642	chr7:15880104-	0	0
SLC35G2	TSS28066	chr3:136537860	0.479057	0.371086
LOC51145	TSS32069	chr9:12850603-	0	0
LINC00348	TSS29385	chr13:7158927-	0	0
C22orf31	TSS21592	chr22:2945465-	0	0
IGFBPL1	TSS8650	chr9:38406524-	0	0.0475658
LIPN	TSS1111	chr10:9052116-	0	0.0313563
COLCA2	TSS14443,TSS	chr11:1111692-	0	0.454954
GGT5	TSS6394	chr22:2461562-	0	0
ADAMTSL4	TSS31777	chr1:15052184-	0.40467	0.0464336
SNORA20	TSS17396	chr6:16020128-	161.345	42.9165
ILDR2	TSS12061	chr1:166882440	0.125714	0.137801
DLGAP3	TSS7111	chr1:35331036-	0.282533	0.069976
ZIM2-AS1	TSS15752	chr19:5727668-	0	0
SPAM1	TSS29195,TSS	chr7:12356528-	0	0
TCF24	TSS12083	chr8:67858735-	0	0
C15orf59	TSS22895,TSS	chr15:7402777-	0.0767936	0.00594006
CXXC1P1	TSS10904	chrX:47566589-	0	0
TRIM16	TSS8181	chr17:1553127-	0.50318	3.40929
SH3GLB2	TSS30377	chr9:13177007-	453.443	13.5771
PCSK5	TSS10021	chr9:78505559-	0.00751353	0.0116318
STK31	TSS13558,TSS	chr7:23749785-	0.189448	0.086855
TPD52L1	TSS21237,TSS	chr6:12547487-	0	0.175656
TBC1D3L	TSS28701	chr17:3628400-	1.06E-05	0.911683
PLA2R1	TSS14097	chr2:16079725-	0	0
ZNF467	TSS23955	chr7:14946145-	0.217106	0.106976
DKFZp434J022	TSS25469	chr19:4671349-	0	0
IL17A	TSS14892	chr6:52051184-	0	0
LOC101929771	TSS29374	chr1:22200100-	0	0
APELA	TSS20582	chr4:16579813-	0	0.013146
GAGE12I	TSS23256	chrX:49325506-	0.192439	0
LEP	TSS8641	chr7:127881330	0	0.0296955
RBMY1B	TSS17985	chrY:24049764-	0	0
GOLGA6L2	TSS3764	chr15:2368453-	0	0.0245514
LINC01307	TSS22735	chr1:10178939-	0	0

BHLF1_1	-	chrEBV(Akata_	0	2.367
LINC01532	TSS672	chr19:2949346-	0	0
FAM153A	TSS29298	chr5:17715036-	0.158261	0.0173716
SNORA17	TSS12345	chr9:13962119-	20.9168	20.6587
LINC01222	TSS23323	chr1:19896171-	0	0
SPATA31A5	TSS3831	chr9:65503362-	0.024197	0.00252657
TP53TG3C	TSS23567	chr16:3320558-	0	0.0526891
TXNDC12-AS1	TSS30199	chr1:52516589-	0	0
LAMC2	TSS8984	chr1:18315517-	0	0
COBLL1	TSS18025,TSS	chr2:16553669-	12.0089	4.09031
LINC01180	TSS24495	chr17:4272373-	0.0448681	0.0521187
SNORD8	TSS1308	chr14:2186545-	0	59.2203
LOC101928372	TSS4390	chr1:16090225-	0	0
CD68	TSS9614,TSS9	chr17:7482804-	5.97203	3.95394
PQLC2L	TSS30507	chr3:15726113-	0	0
LINC01352	TSS19658	chr1:22100259-	0	0.162767
FREM2	TSS3554	chr13:3926117-	0	0.0242018
SNORD9	TSS16580	chr14:2186030-	91.7504	0
FOXA3	TSS26411	chr19:4636751-	0	0.0177164
HPGD	TSS17610,TSS	chr4:17541132-	0.450657	0
LINC01206	TSS5740	chr3:18167015-	0	0.0343565
FAM74A3	TSS1819	chr9:40715523-	0	0.0758735
CX3CR1	TSS11745,TSS	chr3:39304984-	0.226789	0.0109651
MPEG1	TSS22915	chr11:5897598-	16.4176	32.8155
GABRB2	TSS34098	chr5:16071543-	0.0116951	0.0362061
TMEM174	TSS8695	chr5:72469022-	0	0
SUMO1P1	TSS9932	chr20:5249103-	0	0.154974
GNA14-AS1	TSS29972	chr9:80062564-	0	0
IFNE	TSS7239	chr9:21480838-	0	0
LOC101928505	TSS19913	chr5:56946486-	0	0
REM1	TSS7838	chr20:3006309-	0.0138651	0.00536996
OC90	TSS26674	chr8:13303646-	0	0.119934
CLIC5	TSS17118,TSS	chr6:45866189-	0.152866	0.018794
FAM90A7P	TSS6044	chr8:7413659-	0.0414238	0.0455876
ANKS4B	TSS22035	chr16:2124501-	0	0.047129
HMCN1	TSS29293	chr1:18570368-	0	0.00368708
MADCAM1	TSS19575	chr19:496489-	0	0
C6orf222	TSS1713	chr6:36283534-	0	0.0542624
CST4	TSS27425	chr20:2366627-	0	0
AFM	TSS11242	chr4:74347461-	0	0
NPBWR1	TSS14461	chr8:53852467-	0	0
ACR	TSS12790	chr22:5117665-	0	0
FHAD1	TSS4902	chr1:15573767-	0	0
CACHD1	TSS1211,TSS2	chr1:64936475-	0.114293	0.0599036
POF1B	TSS17533	chrX:84532394-	0.498339	0.30299
LOC101929395	TSS13583	chr20:1073373-	0	0
MTHFD2L	TSS33787	chr4:75023828-	0.703623	1.43315
IFNL4	TSS21454	chr19:3973695-	0	0
LOC100128076	TSS13441	chr9:94895115-	0	0
SFTPC	TSS7831	chr8:22019183-	0	0
SOWAHD	TSS8348	chrX:11889257-	1.34727	1.63357
LINC00240	TSS11846	chr6:26924771-	0	0
TMEM163	TSS1800	chr2:13521332-	0.434682	1.42139
SDR9C7	TSS22291	chr12:5731693-	0	0
HCK	TSS22026	chr20:3063999-	13.2858	5.0491

CES1P2	TSS11989	chr16:55758836	0.014593	0.022609
LINC00417	TSS22389	chr13:19312239	0	0
MGAT5B	TSS22586,TSS	chr17:74864797	0.310565	0.182345
IFITM3	TSS13111	chr11:31967240	7.39213	11.1923
KISS1R	TSS21880	chr19:91734149	0	0.398581
NXPE4	TSS5144	chr11:11444137	0	0.0189649
LINC01482	TSS1833	chr17:66624294	0	0.0263564
BCAR4	TSS28408	chr16:11913690	0	0.11311
MUC3A	TSS33860	chr7:100547057	0	0.00569025
DSP	TSS18390	chr6:75418697	1.08448	1.66374
AMBP	TSS15043	chr9:116822407	0	0
C2orf66	TSS14501	chr2:197669138	0	0.0927038
PAK3	TSS11544,TSS	chrX:110187510	0.306167	0.00142991
PSG8	TSS16340	chr19:43256838	0	0
LINC01132	TSS32144	chr1:234859788	0	0.0711922
CCDC149	TSS10436,TSS	chr4:248077380	0	0
FRK	TSS32297	chr6:116262692	0	0.0240656
ST3GAL5-AS1	TSS4363	chr2:861164020	0	0.442473
FAM230B	TSS3716	chr22:21521197	0.105709	0
LOC101929626	TSS3596	chr1:465990420	0	0
LOC102724933	TSS22540	chr12:93568147	0	0.0293052
LPP-AS1	TSS9644	chr3:188280024	0	0.788936
SNORD15A	TSS32981	chr11:75111434	69.1044	0
RAD21L1	TSS20178	chr20:12067630	0	0
LOC255654	TSS122	chr1:246679340	0	0
C15orf56	TSS11738	chr15:40542865	0.361539	0
LOC101928567	TSS26030	chr17:15709559	0	0
IL4	TSS10466	chr5:132009670	0	0
TNNI3	TSS5142	chr19:55663139	0	0
PCDHA12	TSS25357	chr5:140254886	0	0
CACNA1C	TSS16739,TSS	chr12:21624150	0.00648562	0.0118163
CBLN1	TSS22444	chr16:49311828	0	0
TLR5	TSS6337	chr1:223282747	0	0.0314795
HEPACAM	TSS9668	chr11:12478914	0	0.0382104
MOGAT1	TSS23035	chr2:223536456	0	0
BATF2	TSS18225,TSS	chr11:64755416	0.350068	0.289178
PTPRO	TSS11525,TSS	chr12:15475190	11.3669	4.21699
LOC100128176	TSS20020	chr6:149275396	0	0.0674571
GPR156	TSS5726	chr3:119884327	0	0.0696356
CFC1B	TSS3777	chr2:131350352	0.0839172	0.0325262
EPHA10	TSS29287	chr1:381816450	0	0.129446
LZTS1	TSS8780	chr8:201036750	0.00787851	0
RBM46	TSS13128,TSS	chr4:155702420	0	0.00124456
ITFG1-AS1	TSS8908	chr16:47177978	7.53E-05	5.91E-168
BCL2L10	TSS27666	chr15:52401465	1.31672	0.930436
LINC01194	TSS21941	chr5:125749680	0	0
RAP1GAP	TSS13325,TSS	chr1:219227070	0.478867	0.205923
RHO	TSS20837	chr3:129247487	0	0
PADI3	TSS16190	chr1:175755920	0	0
APOA5	TSS30921	chr11:11666008	0	0.0370675
C21orf91-OT1	TSS21858	chr21:19149720	0	0
RBP1	TSS29881	chr3:139236275	0	0
ANGPT1	TSS22484	chr8:108261709	0.000555509	0.023216
PSG5	TSS17007	chr19:43671894	0	0
MIR4737	TSS20368	chr17:58120385	0	0

HPD	TSS11618,TSS	chr12:1222774	1.89128	2.85363
CXCL9	TSS9171	chr4:76922494	0	0
LOC100131047	TSS25426	chr6:38874270	0	0
RASSF8-AS1	TSS1207,TSS9	chr12:2610758	0	0.247241
FAM138F	TSS9577	chr1:34610-360	0.129804	0.036336
SSTR5-AS1	TSS22337	chr16:1114081	0	0
KIAA0087	TSS34184	chr7:26572739	0.200778	0.0388471
LOXHD1	TSS19065,TSS	chr18:4405693	0	0.00964934
RHBDL3	TSS15653	chr17:3059319	0	0.0215391
TP53TG3C	TSS4656	chr16:3268540	0	0.0526892
MS4A12	TSS12719	chr11:6026025	0	0.187818
LINC01476	TSS22974	chr17:5750822	0	0
MAFA-AS1	TSS2402	chr8:14449984	0	0
LOC10192889	TSS16917	chr11:7824422	0	0
LOC102724084	TSS32554	chr16:8018985	0	0.0886703
COL25A1	TSS30048,TSS	chr4:10973187	0	0
C10orf99	TSS17468	chr10:8593355	0	0
MEIS1-AS3	TSS13872	chr2:66650474	0	0.00820625
MBL2	TSS20166	chr10:5452513	0	0
SNORA19	TSS14663	chr10:1208195	0	0
KRT80	TSS3271	chr12:5256277	0	0
KRTAP4-1	TSS6332	chr17:3934035	0	0
STARD8	TSS14821,TSS	chrX:67867510	0.0713756	0
HSPB2	TSS7072	chr11:1117834	0	0
HNF1A-AS1	TSS15535	chr12:1214076	0.273288	0.0617139
TMEM51	TSS18280,TSS	chr1:15479027	0	0
PRELP	TSS19806	chr1:20344488	0.0812164	0.00571344
KY	TSS2377	chr3:13431876	0.0602396	0
LOC101927412	TSS28877,TSS	chr1:81001439	18.224	8.96497
SPINK13	TSS17041	chr5:14764842	0	0
LOC10246721	TSS9711	chr5:11199212	0	0
EFNA1	TSS11657	chr1:15510034	0	0.0968823
LOC10192829	TSS10160	chr19:4987196	0.269309	0.198038
LOC10012823	TSS9678	chr14:6567961	0	0.101299
ESRRG	TSS14394,TSS	chr1:21667658	0	0
LINC01364	TSS3939	chr1:87819209	0	0
CLIC6	TSS4810	chr21:3604168	0.12623	0.177637
GPR50	TSS8452	chrX:15034505	0	0
FAM189A1	TSS990	chr15:2941245	0	0
WNT7A	TSS33190	chr3:13860081	0	0.0208684
TCP11X2	TSS17306	chrX:10171523	0	0.0408644
TIMP4	TSS12216	chr3:12194567	0.0284298	0
FLJ31356	TSS30851	chr2:28607275	0	0
LINC01555	TSS32292	chr1:85093912	0	0
MOBP	TSS22328,TSS	chr3:39509063	0	0.0399224
C9	TSS11511	chr5:39284377	0	0
CCDC64B	TSS26065	chr16:3077867	0	0
GAGE12J	TSS28442	chrX:49178508	4.55E-19	0
ASCL5	TSS11796	chr1:20108308	0	0
LOC101929694	TSS27733	chr3:11245529	0	0
SHISA8	TSS30752	chr22:4230555	4.61177	2.843
PPP1R42	TSS33178	chr8:67900366	0	0
LILRB2	TSS2064,TSS2	chr19:5477767	1.26097	1.45741
SPATA31A5	TSS22000	chr9:41500678	0.0220191	0.00252657
KLK9	TSS5967	chr19:5150576	0	0

PRKX-AS1	TSS21435	chrX:3577527-	0	0
ADAMTS9-AS	TSS9658	chr3:64547021-	0	0
PCDHGA11	TSS22753	chr5:140800536	0.466346	0.159085
VIL1	TSS31085	chr2:219283837	0	0
TPH2	TSS706	chr12:72332625	0	0
FRG2	TSS17410	chr4:190945522	0	0
SIAH3	TSS24844	chr13:46354415	0	0.0843147
ELOVL2-AS1	TSS10856,TSS	chr6:11043990-	0	0
LOC101929596	TSS6837	chr2:38685779-	0.016963	0.101675
KRT17	TSS12185	chr17:39775697	0	0
LOC100507065	TSS15870	chr12:65860598	0	0
GLDN	TSS11754	chr15:51633712	0.110253	0.059069
CCL3L1	TSS796	chr17:34522268	0.00364002	67.9449
AOX1	TSS24684	chr2:201450730	0	0
PXDNL	TSS2767	chr8:52232136-	0	0.0867561
GDF10	TSS1172	chr10:48425787	0	0
FGF12	TSS12637,TSS	chr3:19185718-	0	0.0492487
LINC00574	TSS13466	chr6:170190168	0	0
CCDC108	TSS19512	chr2:219867567	0	0.0327725
ACTN3	TSS21350,TSS	chr11:66313865	0	0.0465655
SLC24A4	TSS14442,TSS	chr14:92788924	0.211113	0.0816696
SOWAHA	TSS11492	chr5:132149015	0	0
CD1D	TSS18835	chr1:158149736	0.0345883	0.0624655
FANK1	TSS3013	chr10:12758510	0	0
CST6	TSS21553	chr11:65779467	0	0
LINC01587	TSS22509,TSS	chr4:5526295-1	0	0
NEURL1-AS1	TSS8173	chr10:10523935	0	0.18584
P2RY12	TSS24004,TSS	chr3:151054630	0	0
RIMS1	TSS12497,TSS	chr6:72596405-	0.187547	0.0311082
MEOX2	TSS9073	chr7:15650836-	0	0
PNPLA5	TSS6127	chr22:44275557	0	0
FLJ16779	TSS17541	chr20:61885329	0	0
ABCA13	TSS24273	chr7:48211056-	0.147019	0.0682444
IRAK3	TSS10039	chr12:66582977	0.647403	0.328518
SPATA42	TSS12894	chr1:109399838	0	0
A4GNT	TSS18754	chr3:137842559	0	0
CST8	TSS26130	chr20:23471737	0	0
SIX3-AS1	TSS29858,TSS	chr2:45167292-	0	0.142159
SPAG11B	TSS1435,TSS9	chr8:7305275-7	0	0
BMRF2_1	-	chrEBV(Akata_	0	1.97681
SEPT5-GP1BE	TSS18807,TSS	chr22:19704742	5.20E-20	2.87E-06
GLYATL1	TSS16560,TSS	chr11:58695107	0.129446	0.217188
LINC00051	TSS14017	chr8:143279716	0	0
RLN3	TSS9532	chr19:14139016	0	0
CBLN4	TSS20821	chr20:54572412	0	0
OR52W1	TSS14161	chr11:6220453-	0	0
FCN3	TSS26894	chr1:27695600-	0	0
NPSR1	TSS1031,TSS1	chr7:34697850-	0	0
LINC01056	TSS12246	chr20:61669362	0	0
FA2H	TSS6162	chr16:74746855	0.553345	0.128528
DEPTOR	TSS20706	chr8:120885894	0.789045	0.222218
DDI1	TSS30067	chr11:10390730	0	0
LRR1Q4	TSS25327	chr3:169539709	0	0
EMID1	TSS9502	chr22:29601900	0	0.874019
LOC101927657	TSS2225	chr8:127337739	0	0

MISP	TSS17076	chr19:751145-	0	0
HBQ1	TSS24101	chr16:230332-	0	0
LOC440602	TSS4720	chr1:11103030-	0	0
OR4D1	TSS9139	chr17:5623251-	0	0
GOLGA2P6	TSS6246	chr10:3065325-	0	0.0831439
OR7E24	TSS7881	chr19:9361719-	0	0
LINC00691	TSS11702	chr3:24141464-	0.140689	0.0466873
PRAMEF10	TSS9977	chr1:13409127-	0	0
SNCAIP	TSS184,TSS93	chr5:12164738-	0	0
CRYBB1	TSS13941	chr22:2699536-	0	0
TDGF1P3	TSS29086	chrX:10976353-	0.0491783	0.00634542
LINC00550	TSS1979	chr13:6943541-	0	0.0592819
TSPAN11	TSS7967	chr12:3107983-	0	0
ELOVL2	TSS548	chr6:10980992-	0	0
FAM25BP	TSS26694	chr10:4774030-	0	0
JPH1	TSS9861	chr8:75146938-	0.148686	0.0306859
DCAF4L2	TSS32154	chr8:88882970-	0	0.0383067
LOC10192853	TSS18860,TSS	chr11:1061207-	0.393947	0
STEAP1	TSS13379	chr7:89783688-	0.545448	0.562637
TMEM40	TSS14518,TSS	chr3:12775028-	0	0
LOC642929	TSS6470	chr9:43140536-	0	0
GATA6-AS1	TSS17757	chr18:1974685-	0	0
BXRF1_1	-	chrEBV(Akata_	0	0.139677
ACTR3BP5	TSS33234	chr10:3898972-	0	0.00256982
EBF3	TSS23477	chr10:1316334-	0.255355	0.0380049
LCE1B	TSS20212	chr1:15278444-	0	0
KRT73	TSS19618	chr12:5300135-	0	0
LOC387810	TSS31125	chr11:1124049-	0	0
GPR39	TSS19809	chr2:13317414-	0	0.172465
HBZ	TSS21347	chr16:202853-	0	0
GLRB	TSS22911,TSS	chr4:15799727-	0	0.186329
PNMAL2	TSS4406	chr19:4699444-	0	0
DCTN1-AS1	TSS34210	chr2:74612844-	0	0.065306
ADRA1B	TSS21598	chr5:15934373-	0	0.000773272
BPY2B	TSS8578	chrY:25130409-	0	0
BPY2	TSS11034	chrY:26764150-	0	0
BPY2	TSS5565	chrY:27177049-	0	0
UGT2B10	TSS16596	chr4:69681710-	0	0.015978
CPXCR1	TSS19768	chrX:88002225-	0	0
EHD4-AS1	TSS8437	chr15:4221361-	0	0
SCARNA13	TSS3281	chr14:9599969-	29.7646	0.0623994
TIMP2	TSS22873	chr17:7684905-	1.11158	0.629084
HS3ST2	TSS27098	chr16:2282585-	0	0.0361678
LOC646029	TSS18563	chr11:7728213-	0.695506	0.0577139
RGS11	TSS17105	chr16:318299-	0	0
LINC01509	TSS29637	chr9:11018256-	0	0
POU4F1	TSS21574	chr13:7917322-	0.388669	0.0176955
ADAMTS17	TSS27629	chr15:1005116-	0.0541128	0
LINC01477	TSS11258	chr18:3764624-	0	0
UGT2B4	TSS13672,TSS	chr4:70345882-	0	0
EPHB3	TSS13119	chr3:18427958-	0	0
FAM138B	TSS20463	chr2:11433495-	0.0865363	0
OR4N2	TSS3673	chr14:2027192-	0.297236	0
PGM5P4-AS1	TSS26814	chr2:11428622-	0	0
DPY19L2	TSS23623	chr12:6395269-	0.00714499	0.00165898

ZBTB46-AS1	TSS16637	chr20:62439428	0	0
CHIA	TSS6273	chr1:111833475	0	0
RASA4B	TSS24493	chr7:102222764	3.00E-24	0.116272
CHL1-AS1	TSS9901	chr3:405055-42	0	0
NOG	TSS26160	chr17:54671059	0	0.130994
RASL12	TSS26861	chr15:65345674	0	0
LOC102724957	TSS20995	chr11:15665430	0	0.0425505
MYT1	TSS22537	chr20:62795826	0	0.0961672
SLC4A11	TSS14088,TSS	chr20:3208062-	0	0.749668
LOC100506895	TSS21615	chr7:43548326-	0	0
SAMD7	TSS16134	chr3:169629359	0	0
BTNL10	TSS26329	chr1:228698059	1.35886	0.105464
NPR3	TSS27716,TSS	chr5:32710742-	0	0.0265842
LOC100128714	TSS3798	chr15:26147506	0.115783	0.0059777
RNF133	TSS30343	chr7:122337765	0	0
RIBC2	TSS14006	chr22:4580957-	0	0
LOC101929565	TSS18823	chr1:212719035	0	0
LINC01344	TSS32936	chr1:182173079	0	0
TP53TG5	TSS24734	chr20:44002519	0	1.28152e-314
MIR7-3HG	TSS28143	chr19:4769116-	0	0
SFRP2	TSS29167	chr4:15470174-	0	0
LINC00381	TSS14776	chr13:74993309	0	0
DLEU7-AS1	TSS30252	chr13:51381990	0	0.139194
MOV10L1	TSS24006,TSS	chr22:50528434	0	0
CCDC54	TSS24468	chr3:107096187	0	0
PCAT7	TSS12649	chr9:97317326-	0	0
OR4Q3	TSS12458	chr14:20215586	0	0
SIRPD	TSS18306	chr20:1514896-	0	0.100221
MIR503HG	TSS26899	chrX:133677400	0	0
PTPRG	TSS1367	chr3:61547242-	0.201079	0.0975802
LOC100506585	TSS6493	chr7:157647276	0	0
CALY	TSS21245	chr10:13513892	0.714781	0
C2-AS1	TSS8136	chr6:31902250-	0	0
APLN	TSS3404	chr11:5700105-	0.0899231	0
SYT14	TSS9091	chr1:210111518	0	0.0338018
ABCG2	TSS591,TSS99	chr4:89011415-	0	0.086379
FAM170B-AS1	TSS2466	chr10:50329880	0.136439	0
IL36A	TSS18690	chr2:113763448	0	0
VN1R10P	TSS29558	chr6:27292539-	0	0.187228
ZNF462	TSS11641	chr9:109625377	0	0.00396917
CTNNA2	TSS14627,TSS	chr2:79740059-	0	0.0965794
HXA7	TSS4270	chr7:27193337-	0.112777	0.0873347
LOC101929259	TSS24146	chr13:45680410	0	0.121439
B3GNT4	TSS2195	chr12:12268822	1.58974	0
XLOC_009911	TSS7762	chr12:12134249	0	0
ENTPD2	TSS5841	chr9:139942550	0	0.923979
PATE4	TSS364	chr11:1257032-	0	0
OR7E2P	TSS8582	chr11:86567972	0	0
LINC01501	TSS6487	chr9:93224713-	0	0
SNORD124	TSS301	chr17:38183795	0	0
ACSM3	TSS19115	chr16:2077531-	2.10865	1.50307
NTF4	TSS26078	chr19:49564396	0	0
CCDC178	TSS3297,TSS3	chr18:30517365	0	0
KCNMB2-AS1	TSS4582	chr3:178243254	0	0.19817
MAGED4	TSS21227	chrX:51804922-	0.00720129	0.00562979



C8orf89	TSS19625	chr8:74153658-	0	0
DHRS2	TSS34120	chr14:2410557-	0	0.185386
PHKA1	TSS26770	chrX:71798663-	0	0.0554145
HNMT	TSS8304	chr2:13872180-	0	0.339121
SPHKAP	TSS19817	chr2:22884466-	0	0.00322584
LOC730102	TSS3651	chr1:17797527-	0	0.00383223
CHRM1	TSS8657	chr11:6267615-	0	0.0692586
FER1L4	TSS29693	chr20:3414650-	0.0318471	0.00633092
DAB2IP	TSS1312,TSS3	chr9:12432938-	0.0943282	0.0667222
BBLF4_1	-	chrEBV(Akata_	0	0.159394
CYP24A1	TSS1054	chr20:5276998-	0.287404	0
LOC101929464	TSS3575	chr1:33815952-	0	0
GPBAR1	TSS12696	chr2:21912573-	0.431352	0.372075
SMC1B	TSS902	chr22:4573994-	0.0971296	0.0835273
TPBG	TSS19223,TSS	chr6:83072922-	0	0.0713707
BARF0_1	-	chrEBV(Akata_	0	2.01E-91
FARP1	TSS28008,TSS	chr13:9879481-	0.368208	0.21017
MEGF11	TSS14759	chr15:6618763-	0.00725483	0.0505259
LINC00670	TSS9663	chr17:1245328-	0.188082	0.0264735
CDH6	TSS10854	chr5:31193761-	0	0.0230328
BFLF2_1	-	chrEBV(Akata_	0	0.603362
LAMP3	TSS4794	chr3:18284000-	0	2.47054
LOC101927543	TSS4655	chr8:12177349-	0.253877	0
HES4	TSS8398	chr1:934341-9-	0	0.365759
LOC100288866	TSS7074	chr17:4758301-	0	0
MYLK3	TSS15412,TSS	chr16:4673619-	0	0.243853
ZNF705A	TSS4700	chr12:8325149-	0	0
TRPM3	TSS30161,TSS	chr9:73149965-	0.372062	0.0018675
FAM25G	TSS720	chr10:4824766-	0	0
C19orf80	TSS5585	chr19:1135029-	0	0
HIST1H1A	TSS22876	chr6:26017259-	0	0
LOC100996338	TSS29612	chr16:5427945-	0	0
CT55	TSS23497	chrX:13429046-	0	0
KLRF1	TSS17146	chr12:9980076-	0.465592	0
SNTG1	TSS17245,TSS	chr8:50822348-	0.095804	0
OR52K2	TSS26308	chr11:4470524-	0	0
LINC00184	TSS9816	chr1:23476505-	0	0
CACNA1A	TSS33301	chr19:1331725-	0.56175	0.693838
BMRF1_1	-	chrEBV(Akata_	0	0.0989717
RADIL	TSS4705	chr7:4838739-	0.00396709	0.0552697
SULT1B1	TSS7279	chr4:70592685-	0	0
TEX15	TSS21980	chr8:30689059-	0	0
ATP1A4	TSS14946,TSS	chr1:16012135-	0.0772489	0.554108
MECOM	TSS17206,TSS	chr3:16880128-	0	0
PTCRA	TSS32280	chr6:42883726-	0	0
RPH3A	TSS8234	chr12:1132295-	0	0.00730166
LINC00460	TSS12743	chr13:1070289-	0	0
HSPE1-MOB4	TSS1524	chr2:19836472-	3.34262	1.77E-09
WISP2	TSS33644	chr20:4334388-	0	0
ASTL	TSS13321	chr2:96789588-	0	0
ART5	TSS33597	chr11:3659735-	0	0.0298466
PTPRH	TSS26741	chr19:5569261-	0	0.0514769
LINC00687	TSS1300	chr20:1179063-	0	0
ABCC13	TSS12462	chr21:1564611-	0	0.0971685
OR52D1	TSS2138	chr11:5509914-	0	0

FAM71E1	TSS4750	chr19:5097004-	1.28E-156	0.309867
PGA5	TSS26722	chr11:6100862-	0	0
GNLY	TSS3237	chr2:85921413-	0.12323	0.0956126
TIE1	TSS17805	chr1:43766565-	0	0.0345808
MAGI1	TSS10477	chr3:65339905-	0.0138744	0.0194944
PPM1H	TSS8555	chr12:6303776-	0.118505	0.0265525
SOWAHB	TSS23625	chr4:77816081-	0	0
LOC101927973	TSS32837	chr21:2948841-	0.00137902	0.0821778
LINC01162	TSS26716	chr7:20875049-	0	0
RAMP3	TSS22892	chr7:45197366-	0	0
TBC1D3L	TSS2126	chr17:36337710-	6.17E-06	0.0374385
FAM171A1	TSS34171	chr10:1525364-	0	0.059707
PTCHD1	TSS31811	chrX:23352984-	0	0
MOXD1	TSS25942	chr6:13261719-	1.18655	2.24025
ANKRD22	TSS26706	chr10:9057965-	0	0.0169116
CPN2	TSS33108	chr3:19406049-	0.0145788	0
ETV4	TSS22543,TSS	chr17:41605210-	0	0.211813
URGCP-MRPS	TSS7975	chr7:43906156-	6.60E-69	8.96E-16
XIRP1	TSS2539,TSS8	chr3:39224705-	0	0
LOC153910	TSS20161,TSS	chr6:14284759-	0	0.00303847
MYRIP	TSS15765,TSS	chr3:39850404-	0	0
PLA2G1B	TSS28278	chr12:1207599-	0	0
FOXP2	TSS15688,TSS	chr7:11372636-	0	0.129209
LOC101929076	TSS32088	chr15:6812664-	0	0
PHLDA2	TSS1160	chr11:2949502-	1.05114	1.5448
LOC100506700	TSS18953	chr14:81908330-	0	0
FAM217A	TSS29375	chr6:4068592-	0	0.0051159
TNFRSF19	TSS12977,TSS	chr13:2414450-	0	0
KREMEN1	TSS18396	chr22:2946906-	0.0033251	0.04863
LOC101927055	TSS27889	chr2:17964165-	0	0.0180435
TRIM40	TSS24810,TSS	chr6:30103884-	0	0
LOC55338	TSS28529	chr5:86511551-	0	0
STOML3	TSS31573	chr13:3954006-	0	0
BSND	TSS28846	chr1:55464616-	0	0
TP53TG3C	TSS31560	chr16:3326211-	0	0.0526892
TMEM200C	TSS17426	chr18:5890183-	0	0
UPK1B	TSS7860	chr3:11889242-	0.396768	0
SNORA11B	TSS12030	chr14:9159276-	0	0
SULT1C4	TSS26646	chr2:108994420-	0	0.194094
TUSC5	TSS14408	chr17:1182956-	0	0.018821
SNORD62A	TSS13143	chr9:13436587-	0	0
SLITRK2	TSS27401,TSS	chrX:14489934-	0	0.0516711
USP50	TSS28024	chr15:5079275-	4.10E-184	0
USP17L1	TSS1217	chr8:7189908-	0.200653	0
AQP7	TSS31982	chr9:33384947-	0	0
PCDH11X	TSS560	chrX:91090459-	0.00128934	0.25501
LINC00840	TSS33050	chr10:4435485-	0.0230669	0
CACNG7	TSS20113	chr19:54415990-	0	0.0148189
SPATA17-AS1	TSS34237	chr1:21795453-	0	0
LOC728084	TSS11059	chr12:8940490-	0	0
PPIC	TSS29139	chr5:12235907-	0	0.513587
CRX	TSS5224	chr19:4832509-	0	0.0450329
SNTN	TSS11426	chr3:63638343-	0	0.318986
WISP1	TSS13493	chr8:13420328-	0.0291734	0
IL25	TSS367,TSS92	chr14:2384201-	0	0

CYP8B1	TSS20793	chr3:42913683-	0	0
POU6F2	TSS11734	chr7:39017608-	0	0
ROBO4	TSS30462	chr11:1247541-	0.252738	0.000981636
GSTO2	TSS24278,TSS	chr10:1060286-	0	0.244845
LINC00690	TSS17934	chr3:16577824-	0	0.188366
SFRP1	TSS11428	chr8:41119475-	0	0
C1orf189	TSS28389	chr1:15417156-	0	0
PSMB11	TSS13056	chr14:2351137-	0	0
ADIPOQ	TSS33469	chr3:18656046-	0.170124	0
GLIS3-AS1	TSS24378	chr9:3898645-	0	0
RPSAP52	TSS32450	chr12:6615179-	0.0426486	0.0356027
RTN1	TSS10730,TSS	chr14:6006269-	0	0
LINC00704	TSS23149	chr10:4692376-	0	0
PIEZO2	TSS18974	chr18:1067024-	0.108323	0.0221357
LOC101928809	TSS9182	chr4:76901942-	0	0
BEST3	TSS11324,TSS	chr12:7003728-	0.245944	0.0237986
MIR3655	TSS4295	chr5:14002742-	1226.78	0.00518507
MYBPC3	TSS26362	chr11:4735295-	0	0.0557557
LOC102723604	TSS32399	chr14:5238286-	0	0
ROBO1	TSS11435,TSS	chr3:78646387-	0.43119	0.373563
DLX2-AS1	TSS30242	chr2:17296773-	0	0
ERG	TSS11172,TSS	chr21:3973918-	0.110475	0
FAM174B	TSS18675	chr15:9316067-	0.491026	0.131086
FAM189A2	TSS11779,TSS	chr9:71939487-	0	0.0665514
VGLL2	TSS20696	chr6:11758672-	0	0
LINC01281	TSS25388	chrX:39164209-	0	0
MAGEA11	TSS15346,TSS	chrX:14876990-	0	0
SP8	TSS19188	chr7:20821893-	0	0
SH2D5	TSS18432	chr1:21046224-	0	0.273611
BEST2	TSS22249	chr19:1286340-	0.33479	0
ARL14	TSS31743	chr3:16039494-	0	0.0864239
COX4I2	TSS13874	chr20:3022569-	0	0
RNASE11	TSS24487	chr14:2105105-	0	0
SMAD1-AS2	TSS6558	chr4:14641820-	0	0
WASF3	TSS550	chr13:2713183-	0.0625946	0.182367
PLA2G2C	TSS23318	chr1:20490483-	0	0
UNC5D	TSS23740	chr8:35092974-	0	0.00905859
LOC101927374	TSS23206	chr3:79460876-	0.0199733	0.123724
ZNF280A	TSS13897	chr22:2286806-	0	0
KCNMA1-AS1	TSS480	chr10:7864780-	0	0
STON1-GTF2A	TSS14090,TSS	chr2:48757063-	0.0511039	4.06E-47
TNFSF4	TSS16532,TSS	chr1:17315286-	0.434123	1.80507
LCE1F	TSS22678	chr1:15274884-	0	0
FAM222A-AS1	TSS27830	chr12:1101720-	1.49684	0.151504
MYOCD	TSS90	chr17:1256920-	0.000556658	0.023452
MTNR1B	TSS13900	chr11:9270278-	0	0.151164
BGN	TSS30650	chrX:15276034-	0	0
LINC00161	TSS33656	chr21:2991163-	0	0
AREG	TSS4042	chr4:75310814-	0.619998	0.160975
NTRK3	TSS13885	chr15:8841998-	0	0
RBMY1A1	TSS21407	chrY:23696798-	0.0105931	0
LINC01568	TSS22470	chr16:7342070-	0	0.0556287
SPACA5B	TSS3576	chrX:47990038-	0	0.0402991
LINC01018	TSS16558,TSS	chr5:6582248-	0.130606	0.0224513
GAGE12B	TSS10669	chrX:49315926-	0	0

AREG	TSS4560	chr4:75480590-	0.619998	0.182951
MS4A6E	TSS14640	chr11:60102354-	0	1.04957
LINC01225	TSS12038	chr1:31971838-	0	0
SCNN1G	TSS23613	chr16:23194039-	0	0.0968454
DAW1	TSS33202	chr2:228736326-	0	0
BIRC7	TSS17187	chr20:61867234-	0	0
SPATA31A5	TSS33325	chr9:41321106-	0.0225226	0.00252657
TMEM215	TSS6938	chr9:32783496-	0	0
VSTM4	TSS32873	chr10:50222289-	0.266927	0.0619648
FGF21	TSS2585	chr19:49259349-	0	0
LOC101929420	TSS12675	chr6:168643617-	0.0803163	0
CELA2A	TSS12402	chr1:15783222-	0	0
LOC344887	TSS23486	chr3:18567775-	2.06437	2.47045
PCDH10	TSS5687	chr4:134070444-	0	0
TGM6	TSS19226	chr20:2361553-	0	0
PDILT	TSS14291	chr16:2037049-	0	0
PTGR1	TSS3325,TSS3	chr9:11431200-	0	0.986802
NRG1-IT1	TSS1559,TSS1	chr8:31883251-	0	0
FAM90A7P	TSS32855	chr8:7421309-	0.0414238	0.0528748
AMN	TSS28464	chr14:10338899-	0.869518	0.789741
LINC00032	TSS28794	chr9:27245681-	0	0
LOC284080	TSS20484	chr17:48127714-	0.246662	0
ODF3	TSS2313	chr11:196760-2	0	0
ADRA2A	TSS29155	chr10:11283678-	0	0
USP17L4	TSS7175	chr8:7194636-	0.0846564	0
CSF1R	TSS18738,TSS	chr5:149432859-	0.535683	0.434957
PDGFC	TSS7265	chr4:157682762-	0	0.283971
SLC46A2	TSS6565	chr9:115641199-	0.196378	0.013822
LINC01567	TSS21099	chr16:24672744-	0	0.0824457
LINC01423	TSS15196	chr21:39698280-	0	0.0593699
LTA	TSS27004,TSS	chr6:31539875-	0.998407	8.47459
LINC01055	TSS16838	chr13:46255339-	0.0257524	0.0269949
ZNF479	TSS21337	chr7:57187325-	0.0255947	0.0475681
MYCBP2-AS1	TSS3467	chr13:77649648-	1.60E-09	2.02E-09
TRERNA1	TSS33983	chr20:48657249-	0	0.301607
LOC101928460	TSS19273	chr1:29656131-	0	0
LINC00443	TSS6194	chr13:10730622-	0	0
SLC38A11	TSS32965	chr2:165754708-	0.347989	0.0414633
HOXD9	TSS17668	chr2:176987414-	0	0
LOC101927797	TSS12667	chr21:19933582-	0	0.114332
KIAA1549L	TSS2731	chr11:33563876-	0	0
LINC01151	TSS31208	chr8:123682629-	0	0
KCCAT211	TSS4577	chr3:177534652-	0	0
ALDH1L2	TSS26710	chr12:10541356-	0.223152	0.488945
FTMT	TSS17406	chr5:121187649-	0	0.0685623
CD34	TSS15805	chr1:208059882-	0	0
SNORA71A	TSS33715	chr20:37055948-	0	3.03442
LHX5	TSS20843	chr12:11390069-	0	0
RBMY1A1	TSS31368	chrY:24026222-	0.0105931	0
LOC104613533	TSS19735	chr15:93013469-	0	0
TCHH	TSS10406	chr1:152078792-	0	0.0425252
GALNT18	TSS21713	chr11:11292420-	0	0.131727
CPM	TSS25564,TSS	chr12:69244959-	0.21267	3.8395
LOC101928844	TSS7610	chr19:5847477-	0	0
BHLHE40-AS1	TSS24568,TSS	chr3:4938492-4	0.0203406	0.0630074

LNK1-AS2	TSS27624	chr4:54459122-	0	0
ZFX-AS1	TSS23043	chrX:24164341-	0	0
LINC00312	TSS10136	chr3:8613467-}	0	0.0949168
KRT15	TSS2418	chr17:39669996	0	0
AMY1B	TSS9776	chr1:104292462	0.000192111	7.31E-06
MIR143HG	TSS32155	chr5:148786407	0	0
MAGEA8-AS1	TSS23347	chrX:149007560	0	0.226206
WFDC10B	TSS9897	chr20:44313289	0	0
LILRA1	TSS1635,TSS2	chr19:55105040	0.256174	0.403097
SNX32	TSS23536	chr11:65601409	0.0812985	0.433806
WSCD1	TSS18629	chr17:5973933-	0	0
GAD1	TSS7565	chr2:171673199	0.0766007	0
CES5A	TSS23979,TSS	chr16:55880061	0	0
SNORD88B	TSS19540	chr19:51302281	0	84.5032
LOC102724238	TSS14459	chr9:46686628-	0.0361681	0.0277872
LINC01309	TSS33921	chr13:10407754	0	0
ACY3	TSS15155	chr11:67410021	0	0.142512
S1PR3	TSS8593	chr9:91606323-	0	0
GLI2	TSS20722	chr2:121554866	0	0.0147418
LOC101928663	TSS21512	chr6:25245145-	0	0
C20orf197	TSS26037	chr20:58630979	0	0
FOXL2	TSS17663	chr3:138663061	0.106114	0.0117351
TPRG1-AS1	TSS26000	chr3:188659501	0	0
ZBTB8B	TSS12909	chr1:32930657-	0.010826	0
APOC4	TSS22457	chr19:45445494	0	0
PRIMA1	TSS2038	chr14:94184641	0	0.0370581
PIGR	TSS21118	chr1:207101866	0.284167	0.164946
TP53TG3	TSS24890	chr16:32684848	0	7.18E-07
JPH4	TSS5764	chr14:24037241	0.0202829	0
IGSF5	TSS32220	chr21:41117331	0	0.0240799
LOC101929733	TSS33670	chr2:11018392-	0	0
LINC00628	TSS32725	chr1:204337551	0	0
ADGRE3	TSS32245	chr19:14729928	0.576102	0.482115
PRAMEF10	TSS16350	chr1:13629924-	0	0
CFP	TSS23898,TSS	chrX:47483611-	0.349494	0.18049
C3orf80	TSS6305	chr3:159943421	0	0
GJB2	TSS12396	chr13:20761601	0	0.0695703
MIR4538	TSS33700	chr14:10632431	21788.5	2180.67
RAB9BP1	TSS6287	chr5:104435174	0	0
LOC100506076	TSS14542,TSS	chr2:97944453-	0.000361676	0.257509
DNAH14	TSS19283,TSS	chr1:225117351	0	0.000473671
LINC00371	TSS29059,TSS	chr13:51656981	0	0
IGFBP4	TSS4676	chr17:38599671	4.39204	3.71282
CORO2B	TSS10441,TSS	chr15:68871301	0	0.244542
FAM133A	TSS17261	chrX:92929011-	0	0.0206492
CFC1B	TSS28982	chr2:131278666	0.0839238	0.0325262
KLK4	TSS5991	chr19:51409601	0.213849	0.469572
PLAT	TSS9016	chr8:42032235-	0.363388	0.033754
NEBL	TSS33143,TSS	chr10:21068901	0	0
SYCP1	TSS34004	chr1:115397421	0	0
LOC100128885	TSS26330	chr7:64035072-	0	0
CCL16	TSS12745	chr17:34303528	0.46479	0
KIZ-AS1	TSS27087	chr20:21175041	0.880314	0
CMTM5	TSS508	chr14:23846016	1.08913	0
OR2T2	TSS23465	chr1:248616098	0	0

FAM231C	TSS13387	chr1:17060301-	0	0.0662716
AARD	TSS1165	chr8:11795046:	0	0
LINC00842	TSS25735	chr10:4709645:	0	0
SLC2A2	TSS21901	chr3:17071413:	0	0.0107222
MYL9	TSS13264	chr20:3516988:	1.19999	2.02079
NOL4	TSS11305,TSS	chr18:3143106:	0	0.0669052
MIR3648-1	TSS6861	chr21:9825831-	15.3688	5.64052
LINC01192	TSS15084	chr3:16289503:	0	0.0238812
OR2T35	TSS4346	chr1:24880158:	0	0
OPA1-AS1	TSS3228	chr3:19333638:	0	0
LRRTM3	TSS16742,TSS	chr10:6868579-	0.0641343	0
CCDC144NL	TSS23577	chr17:2076670:	0	0.120957
COL5A2	TSS30571	chr2:18989664:	0.0246602	0.147884
SLC25A27	TSS9674	chr6:46620651-	0.118306	0
DCANP1	TSS21251	chr5:13477990:	0	0
TCHHL1	TSS26013	chr1:15205661:	0	0.0469565
LOC100996291	TSS10760	chr17:7625742:	0	0.011663
IFNL3	TSS21077	chr19:3973427-	0	0
SLC22A16	TSS33395	chr6:11074589-	0	0
LRTM2	TSS18599	chr12:1929432-	0	0
LOC101927296	TSS29401	chr3:73570472-	0	0
POU3F3	TSS24111	chr2:10547052:	0.924319	0.0223088
CRISPLD2	TSS27164	chr16:8485358:	0	0.0255383
OR5B2	TSS5271	chr11:5818973:	0	0
CPXM1	TSS24314	chr20:2774714-	0.224014	0.128401
CGB8	TSS11588	chr19:4955089:	0	0
KLK11	TSS17585,TSS	chr19:5152548:	0	0
SSX3	TSS22230	chrX:48205862-	0	0
SNORD62A	TSS23261	chr9:13436105-	0	0
CST1	TSS23182	chr20:2372818:	0	0
LINC01266	TSS10765	chr3:633787-8:	0	0
PIH1D3	TSS34162	chrX:10644986	0	0.130442
KCNK17	TSS20546,TSS	chr6:39266776-	0	0
RBMXL2	TSS31056	chr11:7110164-	0	0.00525338
1-Mar	TSS3901	chr1:22096003:	0.64253	0.12438
LOC146513	TSS17277	chr16:8632003:	0.00314397	0.0681699
ARHGAP26-AS1	TSS19187	chr5:14223916:	0	0
SERPINA1	TSS33643,TSS	chr14:9484308:	0.814821	0.342341
LINC01182	TSS15702	chr4:13656802-	0	0
LPPR5	TSS1381	chr1:99355800-	0	0.0504844
GAGE7	TSS12492	chrX:49216677-	0	0
DPYSL5	TSS12267,TSS	chr2:27070968-	0	0
LOC101928590	TSS21961	chr4:17671145:	0	0
LINC00922	TSS26046	chr16:6531840-	0	0.0405306
LOXL1	TSS5475	chr15:7421878:	0	0
TRDN	TSS6443	chr6:12353748:	0	0
IFNL2	TSS24792	chr19:3975915:	0	0
PVRL3-AS1	TSS10002	chr3:11076416:	0	0
TSHR	TSS29711	chr14:8142186:	0	0
LINC01097	TSS7483	chr4:13527942-	0	0
C1QB	TSS33477	chr1:22979681-	0	0
CSAG4	TSS7859	chrX:15189597-	0	0
ANKRD20A5P	TSS9894	chr18:1417909:	0.129546	0.0455765
KCNE3	TSS32273	chr11:7416588:	0.272848	0.0555817
CLEC12B	TSS11131	chr12:1016323:	0	0

PTGER1	TSS26774	chr19:14583271	0	0
ADCY2	TSS15056	chr5:7396342-7	0	0.0101042
NR4A1	TSS25158,TSS	chr12:52416615	6.1417	8.23999
FAM74A7	TSS178	chr9:43608372-	0	0
FEZF1	TSS12954	chr7:121941362	0	0.1034
RTP2	TSS19667	chr3:187416046	0	0
LINC00994	TSS10146	chr3:64064036-	0	0
NYNRIN	TSS20335	chr14:2486799-	0	0.0922963
ATP4B	TSS19695	chr13:11430312	0	0
LINC00960	TSS17131,TSS	chr3:75721431-	0	0
TMEM35	TSS15075	chrX:100333831	0.328556	0
KRT16	TSS31656	chr17:39766030	0	0
IQCF4	TSS32322	chr3:51851618-	0	0
SNX31	TSS3487	chr8:10158511-	0	0
LILRB3	TSS27519	chr19:54720146	1.17852	0.76048
FXVD6-FXYD2	TSS1518	chr11:11769078	1.95E-76	3.15E-141
TCEAL7	TSS3019	chrX:102585111	0	0
PGR	TSS15433,TSS	chr11:10090035	0	0.0269081
VCX2	TSS15523	chrX:8137984-1	0	0
MROH2B	TSS9893	chr5:40998121-	0	0
IL37	TSS15419,TSS	chr2:113670541	0	0
SLPI	TSS26548	chr20:43880879	0	0
RBM1D	TSS31365	chrY:24026222-	0.0194023	0
C11orf44	TSS14981	chr11:13054285	0	0
HTR1D	TSS15406	chr1:23518387-	0	0
SLED1	TSS31340	chr4:185719450	0	0.443613
SNORD116-21	TSS32523	chr15:25333949	0	0
KIT	TSS8084	chr4:55524094-	0	0
FBXL7	TSS13210,TSS	chr5:15500304-	0.183382	0
SEMA5A	TSS22347	chr5:9035137-9	0.0429821	0.0193986
BVRF2_1	-	chrEBV(Akata_	0	0.252724
C7orf72	TSS32669	chr7:50135681-	0	0
LOC284865	TSS4853	chr22:20186252	0	0.0156683
BKRF3_1	-	chrEBV(Akata_	0	3.13446
LINC01049	TSS1315	chr13:9114554-	0	0
SNORD83B	TSS24143	chr22:39709820	0	0
CCL25	TSS8797	chr19:8117645-	0	0
KCNK5	TSS33942	chr6:39156746-	0	0.0535419
LRRRC25	TSS20346	chr19:18501950	0.167785	0.245383
DAOA-AS1	TSS19138	chr13:10611140	0	0
SRGAP3-AS3	TSS3872	chr3:9258578-9	0	0.152917
HR	TSS10692	chr8:21971931-	0	0.0373411
ADGRL2	TSS23389,TSS	chr1:82165454-	0.137596	0.0952669
IGF2BP1	TSS11763	chr17:47074770	0.0458458	0.0709468
ARSJ	TSS34012	chr4:114821439	0	0.0214579
FLJ33581	TSS26558	chr20:24180402	0	0.0876649
PODXL	TSS588	chr7:131185020	1.21706	1.65237
TTC39A-AS1	TSS393	chr1:51795325-	0	0
KHDRBS3	TSS29408	chr8:13646970-	0.138863	1.15306
LRRTM4	TSS16494,TSS	chr2:76974849-	0	0.0750946
PCDH18	TSS34174	chr4:138440072	0	0
ZIC1	TSS422	chr3:147127180	0	0.0029733
THSD7B	TSS6526	chr2:13774846-	0	0.00568223
SIX3	TSS3022	chr2:45169036-	0	0.140411
RPPH1	TSS14118	chr14:20811229	236.876	38.4251

RBM1D	TSS15957	chrY:23696804-	0.0194023	0
BEND2	TSS16968	chrX:18181050-	0	0.0144527
SLC22A2	TSS5793	chr6:16063779-	0	0.00688149
GPR176	TSS26888,TSS	chr15:4009122-	0.343958	0.293676
GCSAML	TSS13016,TSS	chr1:24767035-	0	0.0785684
LMCD1	TSS16990	chr3:8543492-	2.8311	0.5685
TSPAN19	TSS15400	chr12:8540809-	0	0
COL1A2	TSS1230	chr7:94023872-	0	0
AFAP1-AS1	TSS13577	chr4:7755816-	0.0943735	0.0292102
KLHL13	TSS11236,TSS	chrX:11703177-	0.00177308	0.0219797
LOC101927691	TSS3412	chr6:868497-8-	0	0.0287913
IFNA21	TSS8966	chr9:21165635-	0	0
RANBP3L	TSS14021	chr5:36249103-	0	0
IQCJ-SCHIP1	TSS24434	chr3:15878704-	1.08E-43	0
FCGR2A	TSS28962	chr1:16147520-	3.1282	2.14036
OR2B6	TSS30117	chr6:27925018-	0	0
LOC101927829	TSS34110	chr3:20383959-	0	0.103347
GPRC5C	TSS12659,TSS	chr17:7242766-	0.151289	0.780653
SPERT	TSS20615,TSS	chr13:4627643-	0	0
CLEC7A	TSS8815	chr12:1026937-	2.04898	0.847182
LOC340357	TSS25360	chr8:12623570-	0.344203	0
PTGS1	TSS24539,TSS	chr9:12513280-	0.902912	0.806874
TMEM54	TSS14446	chr1:33360195-	0	0.821367
LRP4	TSS31891	chr11:4687826-	0.00517308	0.00800533
TMEM244	TSS1063	chr6:13015238-	0	0
LOC101928203	TSS9847	chr16:7666889-	0	0
PTGDR	TSS462	chr14:5273443-	0.0150181	0
CFAP74	TSS2884	chr1:1853389-	0	0
PDCL2	TSS9985	chr4:56422691-	0	0
HCRTR2	TSS21913	chr6:55039070-	0	0
KCNIP3	TSS20289,TSS	chr2:95963071-	0	0
TRIM58	TSS14936	chr1:24802050-	0.355169	0.142278
DIRC1	TSS33044	chr2:18959846-	0	0
LINC00506	TSS16371	chr3:87138429-	0.0100875	0
MIR7-1	TSS26503	chr9:86584662-	0	0
ZNF630-AS1	TSS19244	chrX:47915698-	0	0
ASPA	TSS15812,TSS	chr17:3377403-	0	0
PRR18	TSS29398	chr6:16671916-	0	0.0636043
USP12-AS1	TSS12210	chr13:2769966-	0	0.677092
NTF3	TSS25832,TSS	chr12:5541279-	0	0.0552949
FRMD1	TSS15495,TSS	chr6:16845646-	0	0
H1FO	TSS31855	chr22:3820111-	0.713054	0.701321
FGFBP2	TSS34186	chr4:15961862-	1.12057	0.707727
SHANK1	TSS6313	chr19:5116508-	0	0.0149457
PTH	TSS24619	chr11:1351360-	0	0
CLEC12A	TSS24968,TSS	chr12:1010391-	0	0.125244
LOC100288254	TSS34068	chr5:17171260-	0.40788	0
CACNA2D3	TSS26607	chr3:54156692-	0	0.00614327
VANGL2	TSS21699	chr1:16037036-	0.160821	0.205347
ANKRD20A9P	TSS15862	chr13:1940854-	0.0055746	0.0357475
OR52N2	TSS9220	chr11:5841565-	0	0.363929
LINC00936	TSS27337	chr12:9010273-	3.10709	1.81247
LOC10012994	TSS17975	chr12:6626759-	0	0
DKFZP434A06	TSS8865	chr9:13921699-	0	0
RANBP17	TSS28320	chr5:17028888-	0.000556241	0.00731817



NAALADL2-AS1	TSS3172	chr3:17495288-	0	1.56559
SNORA5B	TSS18177	chr7:45145566-	0	0
RIPPLY3	TSS829	chr21:38378862-	0.604994	0.109306
LOC286359	TSS7484	chr9:100153118-	0	0
SNORD116-17	TSS12919	chr15:25328730-	0	0
SNORD116-17	TSS18630	chr15:25331672-	0	0
GLDC	TSS3524	chr9:6532463-(-	0.0033556	0.132899
LOC101927636	TSS31796	chr4:144833480-	0	0
TAS2R39	TSS6814	chr7:14288051-	0	0
PVALB	TSS20329	chr22:37196744-	0	0
COL22A1	TSS13661	chr8:139600470-	0	0.0538413
LOC102724053	TSS6138	chr6:159804562-	0	0
CNTFR	TSS29353,TSS	chr9:34551429-	0	0
SPACA5B	TSS21305	chrX:47867169-	0	0.0151061
FOLH1	TSS23697	chr11:49168186-	0	0
CAPN9	TSS5138,TSS8	chr1:230883129-	0	0
NREP-AS1	TSS18394	chr5:111248204-	0	0
GNAT1	TSS32986	chr3:50229042-	0	0.0140444
CYP2E1	TSS5535	chr10:13534086-	0	0.279797
OSMR	TSS10420,TSS	chr5:38845959-	0	0
CCRL2	TSS21023,TSS	chr3:46448720-	0.759895	0.992056
CER1	TSS1266	chr9:14719731-	0	0
SPATA13-AS1	TSS3124	chr13:24826886-	0	0
FLJ41941	TSS20123	chr22:18512150-	0.00471124	0.029182
NFAM1	TSS31199	chr22:42776410-	0.736169	0.112749
F2RL1	TSS22357	chr5:76114832-	0.844189	0.308934
LOC105370306	TSS10593	chr13:8879512-	0	0
SLC1A7	TSS24648	chr1:53552850-	0	0
PCLO	TSS32304	chr7:82383320-	0.0911382	0.00571684
TLR8	TSS8638	chrX:12924738-	0.422161	0.143443
RHOJ	TSS20215	chr14:6367110-	0.0845394	0.0467388
GATA6	TSS6405	chr18:19749390-	0	0
NRTN	TSS24678	chr19:5823817-	0	0
UGT1A8	TSS6459	chr2:234526290-	0	0
IGSF11-AS1	TSS4414	chr3:118661920-	0	0
CHDH	TSS25708	chr3:53850323-	0.0471209	0.264418
UBE2F-SCLY	TSS16575	chr2:238875586-	6.13E-26	0.0976251
ARHGAP8	TSS19343	chr22:45148430-	0	0.144495
SORCS3	TSS30758	chr10:10640085-	0	0.00914997
LOC101927179	TSS24071	chr4:47833361-	8.69E-193	0
GPR146	TSS3464,TSS5	chr7:1084208-	0.245612	0.952433
TMEM51-AS1	TSS11342	chr1:15438310-	0	0
AADACP1	TSS29633	chr3:151488240-	0	0
CASC15	TSS11811	chr6:21666674-	0	0
PRSS41	TSS9044	chr16:2848485-	0	0
OR10A4	TSS31642	chr11:6897855-	0	0
FABP7	TSS2298	chr6:123100640-	0	0
MTCL1	TSS31625	chr18:8717368-	0.450362	0.147023
LOC101928227	TSS2010	chr15:38332590-	0	0
TRIM51HP	TSS7459	chr11:55061178-	0	0
LOC100128531	TSS7583	chr22:25498380-	0	0
SPINK5	TSS11147	chr5:147443534-	0.0151696	0.000838408
ERBB4	TSS23641	chr2:21224044-	0	0.0385681
FOXD3	TSS26556	chr1:63788729-	0	0
LINC01208	TSS30251	chr3:176321930-	0	0

MIR630	TSS30624	chr15:7287955-	0	0
LINC01497	TSS5775	chr17:6795784-	0	0
LYZL6	TSS20992	chr17:3426152-	0	0
LOC100506457	TSS11988	chr2:12147241-	0	0.309772
OR10V2P	TSS2369	chr11:59516284	0	0
CHST9	TSS5996	chr18:24495594	0	0
APBA1	TSS25726	chr9:72042448-	0.762787	0.0201108
OLFM1	TSS17044,TSS	chr9:137967088	0	0
HRASLS	TSS19896	chr3:192958916	0	0
MN1	TSS29493	chr22:28144264	0.0014107	0.0349297
MAP6	TSS15001	chr11:75297962	0.0168021	0.0163116
FCN2	TSS22717	chr9:13777265-	0.393686	0
CSF2RA	TSS28198,TSS	chrY:1337692-	0.12124	0.0751461
OLFML2B	TSS4520	chr1:16195298-	0	0.0536979
QRFPR	TSS19527	chr4:122249796	0.152972	0
CCDC8	TSS234	chr19:46913588	0.0394909	0
CNTN5	TSS18417,TSS	chr11:98891708	0	0.0337529
UBE2QL1	TSS25432	chr5:6448735-	0.21679	0.0649379
DUSP13	TSS24002,TSS	chr10:76854188	0	0
MIR29C	TSS4112	chr1:207975196	164.801	0
LOC100506076	TSS20994,TSS	chr2:98081675-	0.000473136	0.258074
LOC100129603	TSS25457	chr7:3180564-	0	0
SPTBN2	TSS2982	chr11:66452718	0	1.69688
PPP1R1C	TSS33206,TSS	chr2:18281896-	0	0
DTNA	TSS14867,TSS	chr18:32073258	0	0.0280094
KRTAP5-11	TSS7822	chr11:71292906	0	0
ZP1	TSS21635	chr11:60635014	0	0
PAPL	TSS22335	chr19:39574944	0	0
MEOX2-AS1	TSS20129	chr7:15728002-	0	0
FAM169B	TSS25171	chr15:98980396	0	0
MET	TSS7595	chr7:116312458	0	0.00998965
KANK4	TSS15749	chr1:62701836-	0.109925	0.0121522
SMLR1	TSS521	chr6:131148544	0	0
INPP5J	TSS15144	chr22:31518908	0	0.0100064
LINC01028	TSS10484	chr17:6804741-	0	0
LINC01484	TSS33240	chr5:17313460-	0	0
PTPN5	TSS13742,TSS	chr11:18749474	0	0.0235613
SERPINA12	TSS1604,TSS2	chr14:94953616	0	0
ADAMTS2	TSS17505	chr5:17853785-	0.753835	0.0293876
LINC01478	TSS14176	chr18:41903398	0	0
OR51B4	TSS30059	chr11:5322243-	0	0.0421816
DLC1	TSS11252,TSS	chr8:12940871-	0	0
TSGA10IP	TSS32328	chr11:65713114	0	0
VPREB1	TSS17336	chr22:2259919-	0	0
TRPC6	TSS2730	chr11:10132228	0	0
NAMA	TSS13557	chr9:10211762-	0	0
SECTM1	TSS28985	chr17:80278898	1.08399	0.320472
LINC01116	TSS10058	chr2:177494308	0	0
SNORA46	TSS30204	chr16:58582402	98.7488	13.708
PCDH1	TSS17393,TSS	chr5:141232678	0.015214	0.0270134
FRG2B	TSS30121	chr10:13543866	0	0
CACNG3	TSS13712	chr16:24266878	0	0
SNORD7	TSS6906	chr17:33900678	0	0
ZBTB7C	TSS9029	chr18:45553638	0.00697659	0.0644691
SUGCT	TSS1363	chr7:40174574-	0.031121	0.520298

HRAT13	TSS31202	chr6:123760748	0	0
ADRA2C	TSS5117	chr4:3768295-1	0.186183	0.126163
GNG11	TSS19009	chr7:93551015-	3.65254	2.01165
MARCO	TSS3635	chr2:11969974-	0	0
SYT8	TSS29816	chr11:1855539-	0	0
RFPL4AL1	TSS12788	chr19:56283170	0	0
GJA8	TSS24005	chr1:14737494-	0.347568	0
SCUBE2	TSS10944	chr11:9041046-	0	0
USP17L3	TSS13531	chr8:7833914-1	0.0504345	0
LOC151484	TSS20624	chr2:231751260	0	0
CELF2-AS2	TSS14062	chr10:1111350-	0	0.0306226
MYLK-AS2	TSS3469	chr3:123408490	0	0
NANOGB	TSS22880	chr12:7917811-	0	0
IQSEC3	TSS14325,TSS	chr12:176048-2	0	0.0508348
SYT6	TSS4059,TSS9	chr1:11463191-	0	0.0385287
LOC283352	TSS23946	chr12:1295942-	0	0
AHSP	TSS2518	chr16:3153920-	0	0
NPFFR1	TSS8896	chr10:7201471-	0	0
GBA3	TSS1817,TSS8	chr4:22694536-	0	0
ADH4	TSS10398	chr4:10004480-	0	0
LOC101926975	TSS14686	chr5:14212516-	0	0
NTS	TSS20472	chr12:8626807-	0	0
LINC00305	TSS15121	chr18:6174724-	0	0
SSX9	TSS26679	chrX:48160984-	0	0
IFT74-AS1	TSS842	chr9:26955777-	0	0
BAAT	TSS25565,TSS	chr9:10412269-	0	0.0703664
PPP1R14C	TSS17112	chr6:15046418-	0	0.078955
KIRREL3-AS2	TSS2401	chr11:1268106-	0	0.0989179
OPN1LW	TSS19718	chrX:15340969-	0	0
KRT38	TSS33407	chr17:39592620	0	0
LOC100144595	TSS16701	chr2:15529236-	0	0
RELN	TSS33317	chr7:103112230	0	0.00943192
MAMDC2	TSS8809	chr9:72658496-	0.0809867	0.029113
CD300LD	TSS27014	chr17:72576110	0	0
RAI14	TSS15439,TSS	chr5:34656432-	0.149759	0.245462
CHMP1B2P	TSS33642	chrX:79483987-	0	0
ELK2AP	TSS22965	chr14:1061359-	38.7624	17.9693
LINC00887	TSS10912	chr3:19401898-	0	0
LINC00824	TSS14262	chr8:12941751-	0	0
SNORA36A	TSS1139	chrX:15399680-	0	0
SLC17A8	TSS17987	chr12:1007508-	0	0
BANCR	TSS12071	chr9:71911596-	0	0
DDX25	TSS22928	chr11:12577420	0.425057	0
UBXN10	TSS14625	chr1:20512570-	0	0.0417387
PLEKHA5	TSS14250,TSS	chr12:1928262-	0.159883	0.0297469
HSFY2	TSS12186,TSS	chrY:20893325-	0	0.0185432
ASGR2	TSS17586,TSS	chr17:7004640-	0.817769	0.031203
SERPINE2	TSS12633,TSS	chr2:22483976-	1.65165	0.0959154
CATIP-AS2	TSS7537	chr2:21919096-	0	0.031789
SNORD88C	TSS11423	chr19:5130558-	0	0
ARHGEF15	TSS14415,TSS	chr17:8213555-	0	0.00811666
TMEM74	TSS6466	chr8:10979534-	0	0
MMP27	TSS3569	chr11:1025624-	0.566036	0
PRSS33	TSS1942	chr16:2833953-	0	0.0422839
LINC01444	TSS19786	chr18:1496960-	0	0

SERINC2	TSS17184,TSS	chr1:31882411-	0.113756	1.40957
UNC5C	TSS26697	chr4:96083655-	0	0.0199324
MAGEC1	TSS20442	chrX:14099164	0	0
FAIM2	TSS22720	chr12:50260678	0	0
C1orf105	TSS22897,TSS	chr1:17238982-	0	0
KIFC3	TSS12339,TSS	chr16:57792128	0.183985	0.282446
RSPH6A	TSS33423	chr19:46298967	0	0.0139294
OR2L5	TSS27870	chr1:248185249	0	0.0418532
LOC644838	TSS13635	chr2:67350488-	0	0
SEMA3C	TSS19441	chr7:80371853-	0	0.0515513
LYVE1	TSS12300	chr11:10579412	0.0893394	0
SLURP1	TSS21665	chr8:143822367	0	0
MEST	TSS25320,TSS	chr7:130126015	0.470339	2.86438
ISM1	TSS17270	chr20:13202417	0	0
AOC4P	TSS33711	chr17:41019167	0	0
DGKK	TSS8810	chrX:50108405-	0	0
LOC286059	TSS25455	chr8:22925741-	0	0.0304999
LINC00927	TSS13286	chr15:80555409	0	0
TOX	TSS8764	chr8:59717976-	1.70383	0.862838
SSX2	TSS28325	chrX:52725945-	0	0
FAM224B	TSS6590	chrY:19687040-	0	3.92E-07
MAGEA2B	TSS6767	chrX:15191840-	0	0
AKAP14	TSS8026	chrX:11902993-	0	0
LINC01541	TSS7670	chr18:69187199	0	0
LOC10272419C	TSS25223	chr14:77535522	0	0.0391288
IAPP	TSS12819	chr12:21525807	0	0
HCAR1	TSS19725	chr12:12321215	0	0
TNFAIP8L3	TSS15206	chr15:51348798	0	0
DDC	TSS2221,TSS3	chr7:50526133-	0	0.110021
OR8G1	TSS14207	chr11:12412042	0	0
SLCO1C1	TSS6109,TSS6	chr12:20848288	0	0.0318651
ZNRF3-AS1	TSS15791	chr22:29420986	0	0.0966867
TNFRSF9	TSS31496	chr1:7975930-8	0.0772302	0.109649
SPANXB1	TSS33635	chrX:140096760	0	0
GAB4	TSS29823	chr22:17442826	0	0
DMRT3	TSS24151	chr9:976967-99	0	0
PSG3	TSS4719	chr19:43225790	0	0
BTNL3	TSS20099	chr5:180415842	0	0
RAB32	TSS243	chr6:146864827	0	0.187047
WNT10A	TSS4910	chr2:219745252	2.66195	0.833194
SNORD12B	TSS3164	chr20:47896849	0	0
LINC00968	TSS16321	chr8:57430877-	0	0
GSTTP1	TSS28916	chr22:24340592	0	0
ZNF503-AS2	TSS11730,TSS	chr10:77161285	0	0
C4BPA	TSS15637	chr1:207277606	0	0
LOC100508046	TSS3210	chr14:20006912	0.0731989	0.0614738
BFLF1_1	-	chrEBV(Akata_	0	0.21999
CSF2RA	TSS17675,TSS	chrX:1387692-	0.105069	0.0751461
LOC649352	TSS28328	chr8:12236775-	0.140449	0
RDH8	TSS5124	chr19:10123922	0	0
CCKBR	TSS4701	chr11:6280903-	0.0206764	0
LINC01583	TSS11585	chr15:82380932	0	0.0268948
GAGE12D	TSS12540	chrX:49325433-	0.000674823	0
RHOB	TSS34169	chr2:20646831-	7.9742	2.40431
LOC729609	TSS16230	chrX:20004934-	1.80591	0

NXNL2	TSS33282	chr9:91150015-	0	0
ADGRA1	TSS15966,TSS	chr10:13490150-	0.0192563	0
CST2	TSS15469	chr20:23804400-	0	0
NHEG1	TSS31674	chr6:137303290-	0	0.0812023
OR7E91P	TSS34043	chr2:71251204-	0	0
LIPM	TSS12369	chr10:90562480-	0	0
SMIM2	TSS12770	chr13:44717280-	0	2.58E-10
CHRN3	TSS8182	chr8:42552561-	0.280057	0.00451845
CCDC70	TSS4335	chr13:52436110-	0	0
GRIK1	TSS23664	chr21:30909250-	0	0.00974304
SAMD5	TSS13430	chr6:147829820-	0	0.0314404
CSTA	TSS12890	chr3:122044010-	0	0
PPBPP2	TSS13532	chr4:74919754-	0	0
ADIPOQ-AS1	TSS19125	chr3:186569670-	0	0
FLRT3	TSS28252	chr20:14304630-	0	0
TGM7	TSS6324	chr15:43568470-	0	0.0601881
SNAR-B1	TSS29225	chr19:50642370-	0	0
ADAMTS16	TSS32330	chr5:51404420-	0	0.0134242
LDB2	TSS21585	chr4:16503156-	0	0
ADAM33	TSS28056	chr20:36486190-	0	0.00486409
LOC283731	TSS25573	chr15:74418710-	0	0
PEG10	TSS12733	chr7:94285636-	1.97801	0.575198
LOC645949	TSS7486	chr2:21910305-	0	0
FGF16	TSS12638	chrX:76709646-	0	0
LOC644189	TSS23873	chr19:36912070-	0.642455	0.0207343
JAM2	TSS4248	chr21:27011590-	0.8437	0.341279
C2orf40	TSS7774	chr2:106682110-	0	0
EMILIN3	TSS31938	chr20:39988600-	0	0
GNB3	TSS2290	chr12:69500170-	0.0106775	0.194914
EPHA8	TSS32759	chr1:228900030-	0	0.0200445
PRSS35	TSS24202	chr6:842221930-	0.357201	0.0553086
EGFR	TSS18791	chr7:550867240-	0.122785	0.00919129
TFAP2A	TSS14684,TSS	chr6:103969150-	0.293481	0.026587
CACNB4	TSS28270,TSS	chr2:152689280-	0.0765515	0.0338462
SNAR-B1	TSS19683	chr19:50637000-	0	0
RTP5	TSS259	chr2:242811880-	0	0.0593783
BHLHA15	TSS33200	chr7:978415650-	0.0772571	0.359932
TP53TG3	TSS10047	chr16:33262110-	0	6.68E-07
MAGEA2B	TSS14306	chrX:151885380-	0	0
PCDHA5	TSS30365	chr5:140201360-	0	0
ARHGEF26-AS1	TSS28613	chr3:153742180-	0	0
SYT13	TSS30083	chr11:45261850-	0	0
LOC101928804	TSS19217	chr19:55280870-	0	0
IGFN1	TSS20990	chr1:201159950-	0	0
OSCAR	TSS5171	chr19:54597930-	0.112582	0.279009
VSTM2A-OT1	TSS16168	chr7:546246620-	0.0291119	0
IGSF6	TSS11766	chr16:21652600-	0.285045	0
MOGAT2	TSS7099	chr11:75428930-	0	0
FAM196A	TSS26574	chr10:12893360-	0.245823	0.00760995
HBG2	TSS13617	chr11:52744200-	0	0
VCX3A	TSS2363	chrX:64516580-	0	0
ANKRD60	TSS6557	chr20:56791180-	0	0
LINC00052	TSS15478	chr15:88120150-	0	0
OR5AK2	TSS21404	chr11:56756380-	0	0
GPRC6A	TSS4950	chr6:117113240-	0	0.0515941

KCNS3	TSS14796,TSS	chr2:18059113-	0.410508	0.384232
CXCL6	TSS4792	chr4:74702272-	0	0
LINC01360	TSS23361	chr1:73771852-	0	0
PDPN	TSS32226,TSS	chr1:13910251-	0	0.104745
PHF21B	TSS2576,TSS5	chr22:4527704-	0	0.0387299
PCDHB7	TSS28459	chr5:14055220-	0	0.0269724
FOXI3	TSS23109	chr2:88747725-	0.00486151	0.0240514
LRP2	TSS20342	chr2:16998361-	0.0348188	0
PODN	TSS25370,TSS	chr1:53527723-	0	0
SEC14L6	TSS23964	chr22:3092091-	0	0.00421711
OR51E2	TSS6	chr11:4701400-	0	0
BLRF1_1	-	chrEBV(Akata_	0	1.27996
BMP10	TSS15430	chr2:69092612-	0	0
KCNA1	TSS12580	chr12:5019072-	0	0.0247659
CYP26A1	TSS19648,TSS	chr10:9483323-	0.0213507	0.0496047
LOC440390	TSS6806	chr16:8709138-	0.138402	0.00480654
COX8C	TSS11434	chr14:9381353-	0	0
LRRC4	TSS18560	chr7:12766712-	0.471076	0.492226
RYR2	TSS8240	chr1:23720570-	0.0600276	0.0110235
LINC01212	TSS4836	chr3:70048894-	0	0
LOC100132174	TSS25023	chr17:7571895-	0	0
LINC01031	TSS24748	chr1:19327387-	0	0
HTRA3	TSS33902	chr4:8271491-	0	0.0951633
ANTXR1	TSS24448	chr2:69240275-	0.145629	0.0225383
LOC100507194	TSS24502	chr6:3183051-	0.011113	0
BFRF1A_1	-	chrEBV(Akata_	0	0.406407
TSKU	TSS10993,TSS	chr11:7649335-	0	0.296904
PRAM1	TSS5265	chr19:8554939-	0.0204133	0.142258
SNAI2	TSS22822	chr8:49830238-	0	0
SNORA80B	TSS25280	chr2:10586839-	49.4282	0
MAGEB6	TSS6543	chrX:26210556-	0	0
SPAG17	TSS11309	chr1:11849628-	0.0719076	0
LOC400620	TSS1861	chr17:7178296-	0	0
RBPMS	TSS13975	chr8:30242016-	0.62107	0.402692
MMP19	TSS25355	chr12:5622921-	5.65E-116	0.0293436
LOC100507639	TSS5655	chr4:14224227-	0	0
CDRT4	TSS32223	chr17:1533933-	8.18E-06	1.63E-21
LINC00545	TSS33242	chr13:3145669-	0	0
SSX2	TSS4400	chrX:52780279-	0	0
RPS6KA2-IT1	TSS25225	chr6:16687415-	0	0
APCDD1	TSS21168	chr18:1045462-	0	0.0943284
LOC100133077	TSS21089	chr9:14076237-	0	0.0739411
DSCAM-IT1	TSS1445	chr21:4199043-	0	0
SGCG	TSS33249	chr13:2375505-	0	0
KRTAP17-1	TSS22284	chr17:3947116-	0	0
IFNB1	TSS21594	chr9:21077103-	0	0
MS4A2	TSS27752	chr11:5985613-	0	0.0867936
APOC4-APOC	TSS22457	chr19:4544549-	0	0.0971165
MMP2	TSS11048,TSS	chr16:5551274-	0.0345768	0.0434216
LOC391003	TSS8313	chr1:13328195-	0	0.00412337
GUCY2GP	TSS16249	chr10:1140679-	0	0.00114967
L1TD1	TSS17532	chr1:62660473-	1.13436	0.226009
CCDC129	TSS1241,TSS1	chr7:31553684-	0	0
CPA2	TSS15783	chr7:12990670-	0	0
LINC01060	TSS27517	chr4:18937673-	0	0

LOC101927948	TSS11911	chr2:78315855-	0	0
TEX37	TSS32279	chr2:88824168-	0	0
NEFM	TSS16246,TSS	chr8:24771273-	0	2.0658
COL20A1	TSS11388	chr20:6192453-	0	0
CA8	TSS4851	chr8:61101422-	0.0987314	1.49837
APOBEC3B-AS1	TSS34074	chr22:3938756-	0	2.42E-277
LOC100506175	TSS32567	chr20:4926200-	0	0
TFAP2B	TSS23232	chr6:50786438-	0	0.0172749
BLACE	TSS2626	chr7:15514968-	0	0.0104253
CCL3L1	TSS8774	chr17:3462384-	0.00295007	65.9602
LOC343052	TSS14248	chr1:15376642-	0	0
ARSI	TSS10975	chr5:14967590-	0	0.00358559
TRHR	TSS9028	chr8:11009965-	0.200518	0
OVCH1-AS1	TSS28867	chr12:2954222-	0.250373	0.647906
MAEL	TSS12716,TSS	chr1:16694481-	0	0
OR2AT4	TSS26371	chr11:7479979-	0.20935	0.446482
LOC101928834	TSS1991	chr10:1999926-	0	0
ARHGAP28	TSS5608	chr18:6834431-	0	0
RBM1J	TSS32204	chrY:24549622-	0.0101211	0
LOC100996679	TSS30970	chr12:1285715-	0	0
RBM1E	TSS25488	chrY:24049764-	0	0
SIGLEC5	TSS21810	chr19:5211475-	1.22085	1.29567
MRGPRX3	TSS32326	chr11:1814250-	0	0
KRTAP29-1	TSS6438	chr17:3945807-	0	0
PPFIA2	TSS13778,TSS	chr12:8165175-	0.198033	0.0322543
C2CD4B	TSS4791	chr15:6245573-	0	0
MEFV	TSS13731	chr16:3292027-	0.449663	0.0484227
PROS1	TSS13353	chr3:93591880-	0	0
OSBPL6	TSS14423,TSS	chr2:17905920-	0.0376517	0.0339903
BRWD1-AS1	TSS25665	chr21:4068763-	0	0
GNAI1	TSS15277,TSS	chr7:79764139-	0.00427811	0.772513
LGALS12	TSS12768,TSS	chr11:6327352-	0.270807	0
CFD	TSS33590	chr19:859664-	1.26013	0.879095
LOC101929551	TSS13682	chr2:8026897-	0	0
LANCL3	TSS10862	chrX:37430821-	0.243473	0
TBX5-AS1	TSS14310	chr12:1148459-	0	0.0185931
CPNE4	TSS2830,TSS3	chr3:13125240-	0	0
LOC285804	TSS11647	chr6:17057575-	0	0
FLT3	TSS971	chr13:2857741-	0.47646	0.210725
PDYN	TSS2634,TSS2	chr20:1959401-	0	0.0126054
RNASE1	TSS14940,TSS	chr14:2126951-	0	0
HCAR2	TSS30761	chr12:1231858-	1.09807	0.00850326
DSCR4	TSS11981	chr21:3942631-	0	0.00693907
ZFP57	TSS9605	chr6:29640168-	0.4895	0
IGF2BP2	TSS20976,TSS	chr3:18536152-	0	0.0507813
SLC17A1	TSS941	chr6:25783125-	0	0
PAUPAR	TSS2951	chr11:3184811-	0	0.0376723
LOC101928894	TSS7394	chr11:4619350-	0	0
LYZ	TSS7997	chr12:6974213-	20.954	5.38522
ABLIM3	TSS2492,TSS7	chr5:14852104-	0	0
LAG3	TSS25518	chr12:6881669-	0	0.0707491
C10orf126	TSS11079	chr10:2913533-	0	0
TGFBR3L	TSS18333	chr19:7981031-	0	0
LOC101929660	TSS32790	chr5:29143609-	0	0.00569285
SIX2	TSS16984	chr2:45232323-	0	0

CRISP1	TSS22121,TSS	chr6:49801978-	0	0
H2AFY2	TSS14481	chr10:71812356	0	0.0160423
LOC100506178	TSS24779	chr7:22602955-	0.110327	0.156605
OR6S1	TSS29403	chr14:21108854	0	0.0779419
LOC101927822	TSS4864	chr8:134898738	0	0
FBLN7	TSS20613	chr2:11289596-	0	0.0323721
AZGP1P1	TSS32077	chr7:99578384-	0	0
CCDC26	TSS27551,TSS	chr8:130363939	0	0
DHRS9	TSS10651,TSS	chr2:169923544	0.545823	0.199004
CLVS2	TSS6523	chr6:123317115	0	0
TAL1	TSS10567,TSS	chr1:47681961-	0	0
UBE2DNL	TSS11202	chrX:84189156-	0	0
OR5K4	TSS23615	chr3:98072697-	0	0
CD300LF	TSS20263	chr17:72690446	0	0.0402153
INHBB	TSS25419	chr2:121103718	0	0
MIR1304	TSS8447	chr11:93466839	0	0
LF3_1	-	chrEBV(Akata_	0	5.37E-129
TMEM82	TSS14135	chr1:16068986-	0	0
SULT1C2P1	TSS29220	chr2:108938690	0	0
TMPRSS4-AS1	TSS20468	chr11:11788648	0	0
ZNF816-ZNF32	TSS4717	chr19:53430387	2.20438	0.504398
CBLN2	TSS12432	chr18:70203914	0.15287	0.094673
LOC101927481	TSS19932	chr18:68002674	0	0
TSSK1B	TSS22760	chr5:112768250	0	0.0139656
LINC01304	TSS14353	chr2:40052444	0	0.0430524
TMEM239	TSS3590	chr20:2796975-	0	0
SHANK2-AS1	TSS12451	chr11:70477198	0.57978	0
KLKP1	TSS30862	chr19:5138535-	0	0.168581
HFE2	TSS23945	chr1:145413190	0.335786	0
LOC729732	TSS26940	chr8:12394587-	0.163922	0.273428
TMEM105	TSS15293	chr17:7928507-	0	0.000568768
LINC00605	TSS26890	chr14:10365358	0.539313	0
IL31	TSS13258	chr12:12265657	0	0
CYP3A43	TSS30843	chr7:99425635-	0	0
LOC101928651	TSS8671	chr5:60958984-	0	0
HYALP1	TSS12196	chr7:123454192	0	0
NCRNA00250	TSS29355	chr8:13585031-	0	0
IL10	TSS23558	chr1:206940947	0.285075	0.132497
LOC101929268	TSS19766	chr8:49464126-	0	0
PCDHB3	TSS15534	chr5:140479828	0.0317405	0
LINC01561	TSS6010	chr10:12235746	0	0
LVCAT1	TSS1366,TSS1	chr4:44018877-	0	0
TDRP	TSS15284,TSS	chr8:439789-48	0	0.0280645
OCA2	TSS30406	chr15:28000020	0	0.0213162
SMIM24	TSS21020	chr19:3474404-	0	0
LOC729506	TSS10737	chr5:8333595-8	0.8195	0
GRID1-AS1	TSS6167	chr10:87337487	0	0
CGB	TSS15521	chr19:49526128	0	0
ACSM6	TSS9869	chr10:96953956	0	0.0835276
LOC730159	TSS2143	chr1:173604660	0	0
KCNJ12	TSS3118	chr17:21279698	4.08E-08	2.17306
PAMR1	TSS11234,TSS	chr11:35453378	0	0
TLX1NB	TSS11672,TSS	chr10:10284907	0.00808391	0.0313591
TRY2P	TSS27056	chr7:141968100	0	0
LOC102467080	TSS23630,TSS	chr5:53955986-	0	0



STMN2	TSS12099	chr8:80523048-	0	0.0627911
LINC01446	TSS8003	chr7:53723201-	0	0.0389134
SIGLEC17P	TSS32342	chr19:51670584-	0	0
ZNF645	TSS20973	chrX:22291029-	0	0
LOC440895	TSS31135	chr2:110705266-	0	0
SH3BGRL2	TSS19444	chr6:80340999-	0	0.0288151
TRIL	TSS26185	chr7:28992973-	0.11939	0
KCNQ1-AS1	TSS25871	chr11:2861364-	0	0
LOC285043	TSS23847	chr2:30569511-	0	0
DYSF	TSS11781,TSS	chr2:71680752-	0.883563	0.180092
LMO1	TSS7431,TSS7	chr11:8245850-	0	0.484631
LINC00889	TSS10265	chrX:13769689	0	0
ADAM18	TSS3904	chr8:39442086-	0	0
PCDHA3	TSS30026	chr5:140180784-	0	0
EMX2	TSS22362	chr10:11930195-	0.262179	0
C11orf91	TSS31356	chr11:33719656-	0	0
FAM231C	TSS22700	chr1:16999497-	0	0.0662716
VWC2L	TSS29918	chr2:215276460-	0	0
WLS	TSS10200,TSS	chr1:68564141-	0	0
NLRP10	TSS17741	chr11:7981155-	0	0
NLGN1	TSS4060	chr3:173116237-	0	0
PLCE1	TSS27858,TSS	chr10:95753745-	0.105304	0.0712991
MAGEB3	TSS21927	chrX:30248552-	0	0
CLC	TSS20825	chr19:40221894-	0.267988	0
LOC90768	TSS13401	chr4:183059814-	0	0
EFEMP1	TSS31286	chr2:56093096-	0	0.0341258
PCDHGC3	TSS4056	chr5:140855568-	0.288931	0.051856
LMO3	TSS1766,TSS2	chr12:16701305-	0	0
SAA1	TSS28591	chr11:18287807-	0	0
WNT11	TSS9263	chr11:75897369-	0	0.00733639
TERT	TSS25557	chr5:12532867-	0.0797991	0.211764
ISM1-AS1	TSS18777	chr20:13218066-	0	0
CDH15	TSS19156	chr16:89238164-	0	0.00399602
LOC100130964	TSS27220	chr8:39420630-	0	0
LGALS14	TSS4637	chr19:40194945-	0	0
GFRA2	TSS3454	chr8:21549529-	0	0.0466986
GREM2	TSS10713	chr1:240652874-	0	0
TULP1	TSS10370	chr6:35465650-	0	0
RIMBP3C	TSS1375	chr22:21899957-	4.06E-22	7.53E-79
POTEH-AS1	TSS7201	chr22:16274608-	0	0.0208871
MIR124-2HG	TSS15047,TSS	chr8:65285774-	0	0.00504896
LINC01273	TSS16506	chr20:48789106-	0	0
TREML4	TSS21800	chr6:41196061-	0	0
LOC102723895	TSS18545	chr11:10443927-	0	0
LOC101928418	TSS24730	chr17:12575178-	0	0
GPIHBP1	TSS1178	chr8:144295067-	0	0
VENTXP7	TSS22723	chr3:21447217-	0	0
HBA2	TSS21587	chr16:22284547-	1.14024	2.21305
GPC6	TSS15076	chr13:93879077-	0	0.0369048
CNTN4-AS1	TSS17335	chr3:30813447-	0	0
LOC101928266	TSS12726	chr17:9074384-	0	0
NCOA7-AS1	TSS29338	chr6:126119006-	0	1.0815
LGI4	TSS7315	chr19:35615416-	0.306414	0
LINC01317	TSS26080	chr2:33931952-	1.30797	0.576375
ARHGAP20	TSS1219,TSS2	chr11:11044775-	0.705556	0.94374

PCDHA7	TSS10071	chr5:140213968	0.264907	0
SIRPB1	TSS12476	chr20:1545028-	0.809339	1.22337
LOC101927356	TSS11031	chr7:81638492-	0	0
TAS2R1	TSS28735	chr5:9629108-	0	0
SCARNA14	TSS3690	chr15:6663954-	0	0
MLN	TSS20605	chr6:33762448-	0	0
LOC100130238	TSS20891	chr12:1328519-	0	0
GRID1	TSS24669	chr10:8735931-	0	0.0647318
HES2	TSS32784	chr1:6475293-	0	0
KRTAP5-AS1	TSS14235	chr11:1593970-	2.40E-07	0.271978
A2ML1	TSS32184,TSS	chr12:8975149-	0.0663765	0.0534529
LYZL4	TSS19224	chr3:42438569-	0	0
BPESC1	TSS8639	chr3:13882302-	0.211749	0.00321371
OR5C1	TSS1246	chr9:12555121-	0.261687	0
SCARNA3	TSS16977	chr1:17593753-	76.0519	12.1409
VENTX	TSS6603	chr10:1350514-	0	0
SFTPD	TSS22781	chr10:8169749-	0	0
BLLF2_1	-	chrEBV(Akata_	0	6.98657
SH3RF2	TSS9983	chr5:14531612-	0	0
LOC101927082	TSS16192	chr6:51486667-	0	0
KCNQ1DN	TSS23222	chr11:2891262-	0	0
MIR5193	TSS952	chr3:49843569-	0	0
PIWIL2	TSS15872,TSS	chr8:22132809-	0.144213	0.0930184
PRDM16	TSS9784	chr1:2985741-	0.137358	0.000189168
WNT9A	TSS30009	chr1:22810916-	0.0116506	0
LPCAT2	TSS22199	chr16:5554291-	0.0638851	0.0803364
LOC100130370	TSS13938	chr17:7934969-	0	0.0538772
NPY1R	TSS2677	chr4:16424511-	0	0.0346879
TNC	TSS16847	chr9:11778185-	0.0247215	0.0038256
PLAUR	TSS29031	chr19:4415024-	0.40227	0.38966
ZSCAN1	TSS5316	chr19:5854543-	0	0.00427643
UCN2	TSS22778	chr3:48599150-	0	0
TNS1	TSS5569,TSS8	chr2:21866451-	0.0338836	0
GRAT37	TSS29934	chr15:9200656-	0.232632	0
NLRP11	TSS10431,TSS	chr19:5629676-	0	0.117635
LIN28B	TSS7264	chr6:10540492-	0	0.00604424
PTH1R	TSS26721,TSS	chr3:46919235-	0.00175429	0
P4HA3	TSS5940	chr11:7397769-	0.00214858	0.0166537
G0S2	TSS13861	chr1:20984866-	0.837399	0.974142
PRR15	TSS5779	chr7:29603426-	0	0
ROR2	TSS7499	chr9:94484877-	0.222777	0.0930515
SPANXB1	TSS9339	chrX:14008475-	0	0
DCDC5	TSS17694	chr11:3088514-	0	0.00702644
IFI27	TSS20267,TSS	chr14:9457707-	0	0
BST1	TSS4239	chr4:15704572-	0.0130219	0.160204
MIR7112	TSS24295	chr8:14531757-	0	0
MIR7112	TSS6261	chr8:14548662-	0	0
LRRC32	TSS14174,TSS	chr11:7636856-	0	0.0958386
NPY2R	TSS26671	chr4:15612978-	0	0.167822
APOL5	TSS7358	chr22:3611391-	0	0
LOC101928697	TSS19553	chr13:1975617-	0	0
STATH	TSS31488	chr4:70861647-	0	0
VTRNA1-3	TSS23777	chr5:14010574-	0	0
SNORA28	TSS29528	chr14:1038041-	0	0
OR2M3	TSS16215	chr1:24836636-	0	0

PWRN4	TSS14658	chr15:24220290	0	0
OPCML	TSS22669,TSS	chr11:13228487	0	0.000747341
MIR1307	TSS28207	chr10:10515400	5.16E-09	2.32E-08
PNLIP	TSS33723	chr10:11830540	0	0.0727749
XGY2	TSS3943	chrY:2620336-1	0	0
UGT3A1	TSS23094,TSS	chr5:35953190	0	0
FLJ33534	TSS12198	chr2:11239976	0	0
NEDD8-MDP1	TSS14770	chr14:24683140	1.78978	7.43E-06
SKOR2	TSS12851	chr18:44738450	0	0
SOD3	TSS12949	chr4:24797084	0.367194	0.0237056
LOC101928167	TSS27564	chr18:51105990	0	0
LILRA5	TSS11119	chr19:54818350	1.22322	0.311723
HAS2	TSS29928	chr8:122625270	0	0
LRIT2	TSS29896	chr10:85980240	0	0
SPATA3	TSS23671	chr2:231860830	0.0148135	0.0459687
PTPRZ1	TSS4247	chr7:121513150	0	0
OR2T8	TSS9836	chr1:248084310	0	0
LINC00658	TSS4266	chr20:54126020	0	0
DNTT	TSS16980	chr10:98064080	0	0
SPP2	TSS5304	chr2:234959340	0	0
KCCAT333	TSS13655	chr7:17414540	0	0
SNCA	TSS17274,TSS	chr4:90645249	0.306634	0.101727
C10orf142	TSS3599	chr10:44788190	0	0
NRGN	TSS20668	chr11:12460980	2.50495	0.585406
GPR119	TSS21704	chrX:129518310	0	0
LRRC52	TSS5541	chr1:165513470	0	0
RGS8	TSS27291	chr1:182615790	0	0
AP3B2	TSS32757	chr15:83328030	0	0.00465045
SLC25A31	TSS4615	chr4:128651550	0	0
DKFZp451B080	TSS23165	chr6:163759370	0	0.0496664
C1orf87	TSS3832	chr1:604560650	0	0
LOC100128990	TSS1447	chr8:190411850	0.00617043	0
SEMG2	TSS22845	chr20:43850000	0	0
AGTR2	TSS13294	chrX:115301950	0	0
LOC101927660	TSS22353	chr17:56154250	0	0
BARHL2	TSS1023	chr1:911775780	0	0
RAB44	TSS14096	chr6:366656270	0	0.1111
ACOX2	TSS25941	chr3:584908620	0.00486515	0.00125568
HBA1	TSS16229	chr16:22664900	1.90663	2.04345
LL22NC03-750	TSS1651	chr22:47857040	0	0
FABP6	TSS13414,TSS	chr5:159614370	0	0
AGMO	TSS33848	chr7:152399420	0.343166	0.0489431
CXCL3	TSS1158	chr4:749023110	0	0
FIGF	TSS10454	chrX:153637120	0.240408	1.59E-05
SOST	TSS1989	chr17:41831090	0	0
TEKT1	TSS33572	chr17:67032990	0	0
CACNA1E	TSS30081	chr1:181452680	0	0.0951279
Repeat_unit_rar	-	chrEBV(Akata_	0	0
SCN10A	TSS11731	chr3:387388360	0	0
PAQR5	TSS17555,TSS	chr15:69591290	0	0.0192844
LMP-2A_1	-	chrEBV(Akata_	0	0.122631
LINC01395	TSS29956	chr11:12948200	0	0
OR6B2	TSS14957	chr2:240968900	0	0
ANPEP	TSS3034	chr15:90328120	0.227422	0.500284
MAPK4	TSS7691	chr18:48086480	0	0.000852597

GRXCR1	TSS5610	chr4:42895282-	0	0
LILRA6	TSS25808,TSS	chr19:54740467-	0	1.26E-107
PAX2	TSS19209,TSS	chr10:10249546-	0	0.0408492
KCNJ3	TSS25674	chr2:155555092-	0.0574249	0.0444419
NXPE2	TSS3574	chr11:11454919-	0	0
LOC101928161	TSS26492	chr2:134023766-	0	0
RAI2	TSS25578,TSS	chrX:17818168-	0	0.00211142
FLJ40288	TSS20997	chr7:132333552-	0	0
MIR6807	TSS18126	chr19:59061657-	0	515.66
HK3	TSS18699	chr5:176307869-	0.316147	0.144612
C8orf4	TSS16723	chr8:40010986-	0	0.019284
BFRF3_1	-	chrEBV(Akata_	0	2.37038
XAGE1E	TSS28880,TSS	chrX:52255219-	0	0
KCNK15	TSS22040	chr20:43374487-	0	0.0955257
SBK2	TSS5110	chr19:56041099-	0	0.00300775
FCN1	TSS1096	chr9:137801430-	2.33998	1.30217
SCEL	TSS8682	chr13:78109808-	0	0
MIR3911	TSS30534	chr9:130452965-	0	0
PHOSPHO1	TSS8055	chr17:47300737-	0.865149	2.20315
MIR99AHG	TSS23276,TSS	chr21:17442847-	0.000664672	0.00380877
MAPT	TSS33580	chr17:43971747-	0.411033	0.186043
GYG2	TSS23059	chrX:2746862-1	0	0
FAM216B	TSS32264	chr13:43355685-	0	0
VAV3-AS1	TSS4754	chr1:108507064-	1.19714	0
LINC00982	TSS26168	chr1:2976180-2	0	0
CYP4F3	TSS4875	chr19:15751706-	0.624178	0.0459968
H2AFB1	TSS8824	chrX:154689071-	0	0.211972
RYR1	TSS30549	chr19:38924339-	0.0548048	0.0293268
DMRTA1	TSS16305	chr9:22446839-	0	0.0302351
ENKUR	TSS1344,TSS2	chr10:25270907-	0.469388	0
LINC00839	TSS3847	chr10:42970938-	0	0
S100A3	TSS10614	chr1:153519808-	0	0.113239
DMBT1	TSS1872	chr10:12432018-	0	0
ACSM4	TSS30193	chr12:7456927-	0	0
ATP13A5-AS1	TSS17352	chr3:193025032-	0	0
HOXA11	TSS26291	chr7:27220775-	0	0
VEGFC	TSS20039	chr4:177604684-	0	0
GPR143	TSS32645	chrX:9693452-1	0	0
LOC101927588	TSS27826	chr8:125204937-	0	0
PRICKLE2-AS1	TSS7902	chr3:64053639-	7.25E-09	0
RHCG	TSS18234	chr15:90014639-	0	0
MIR4444-1	TSS652	chr3:75263626-	0	0
ASAP3	TSS21494	chr1:23755055-	1.35614	0.84322
XAGE1E	TSS12427,TSS	chrX:52511760-	0	0
SLC28A2	TSS15322	chr15:45544427-	0	0.0140569
B3GALT5	TSS12741,TSS	chr21:40984866-	0	0
OR56A3	TSS8000	chr11:5968576-	0	0
SLC34A1	TSS22067	chr5:176811437-	0	0.0266834
PADI6	TSS29995	chr1:17698690-	0	0
H2AFB1	TSS21681	chrX:154610427-	0	0.211972
CALN1	TSS16276,TSS	chr7:71244475-	0	0.00346928
TMED11P	TSS26551	chr4:11089847-	0	0
ADH1B	TSS7381	chr4:100227547-	0	0
MUSK	TSS24206	chr9:113431050-	0	0
NEUROD4	TSS28466	chr12:55413728-	0	0

C9orf50	TSS31718	chr9:13237450-	0	0
CXCL1	TSS10491	chr4:74735108-	0	0
ADAMTS19-AS1	TSS7207	chr5:12879525-	0	0
DLX5	TSS3526	chr7:96649701-	0	0
FHOD3	TSS30098	chr18:3387765-	0.139811	0.0360426
OR4D6	TSS18767	chr11:5922443-	0	0
KIF12	TSS25714	chr9:11685391-	0	0
SLC3A1	TSS10815	chr2:44502596-	0.471682	0
CTSLP8	TSS17294	chr9:90459659-	0	0
KRT5	TSS22497	chr12:5290835-	0	0
GDF3	TSS4487	chr12:7842380-	0	0.0217639
GAGE12B	TSS24873,TSS	chrX:49296814-	0	0
HOXD4	TSS14075	chr2:17701611-	0	0.00458391
FOS	TSS29636	chr14:7574548-	10.803	2.5128
SULT6B1	TSS8189	chr2:37394962-	0	0
TUBA8	TSS7722	chr22:1859345-	0.497243	2.42784
CLVS1	TSS10350	chr8:62200524-	2.52E-252	0
ABCB5	TSS12786,TSS	chr7:20655244-	0	0
MS4A6A	TSS13284,TSS	chr11:5993907-	1.19504	0.0934474
GSTT1	TSS26916	chr22:2437613-	0	0
LOC105375734	TSS7627	chr8:12342656-	0	0
LMOD3	TSS22738	chr3:69157822-	0	0
WI2-2373i1.2	TSS23385	chr7:330135-3-	0	0.020146
CYP2S1	TSS8675	chr19:4169911-	0.220563	0
C20orf166-AS1	TSS20376	chr20:6114143-	0	0
PROSER2-AS1	TSS18618	chr10:1189160-	0	0
AFAP1L2	TSS17166	chr10:1160545-	0	0.109809
HORMAD2	TSS12289	chr22:3047645-	0	0
PVRL4	TSS33685	chr1:16104078-	0.100005	0.241896
DLX6-AS1	TSS33705	chr7:96597826-	0	0
ACKR1	TSS14173,TSS	chr1:15917380-	0	0
GAGE2E	TSS12108,TSS	chrX:49188103-	0.684464	0
HOXD13	TSS4052	chr2:17695753-	0	0
KCNJ8	TSS29544	chr12:2191788-	0	0
ST8SIA3	TSS30754	chr18:5501972-	0.00139181	0
GPR149	TSS19136	chr3:15405546-	0	0
CT47A3	TSS29006	chrX:12006769-	0	0
WNT2B	TSS12372,TSS	chr1:11300916-	0.523979	0.224225
LOC100506258	TSS5480	chr11:7458867-	1.52097	0.21605
C12orf74	TSS33034	chr12:9309661-	2.36627	0.0572694
LOC101929282	TSS14354	chr2:15148541-	0	0
GRID2	TSS1857	chr4:93225549-	0.00597043	0.0268478
MIR202HG	TSS27231	chr10:1350599-	0	0
CHAT	TSS19380,TSS	chr10:5081714-	0	0
FAM172BP	TSS3437	chr3:10123771-	0	0.0910038
LINC00375	TSS13710	chr13:8563922-	0	0
KCNJ18	TSS1340	chr17:2130844-	0.492571	1.70E-05
TWIST2	TSS31259	chr2:23975667-	0.0519441	0
XAGE1E	TSS15784	chrX:52239018-	0	0
ANKRD30BP2	TSS17339	chr21:1441048-	0.116578	0.134
CCDC60	TSS3353	chr12:1197725-	0.0912954	0
LAMB3	TSS19487,TSS	chr1:20978821-	0	0
ADM	TSS9200	chr11:1032652-	3.48532	1.90584
GSTT2	TSS18758	chr22:2432221-	5.07E-05	0
TRABD2B	TSS24009	chr1:48226199-	0	0

RNU11	TSS10970	chr1:28975111-	128.803	44.5512
SOX2-OT	TSS12842,TSS	chr3:18077446-	1.0448	0
LOC101928322	TSS18175	chr10:10461500-	0	0
NIPAL4	TSS7686	chr5:156887020-	0.341145	0.839927
MIR1248	TSS2157	chr3:186504460-	4.72E-06	0
GGTA1P	TSS32787	chr9:124217310-	0	0
GBX1	TSS33809	chr7:150845670-	0	0
HEPN1	TSS12156	chr11:12478910-	0	0
HPVC1	TSS16467	chr7:54268916-	0	0
XAGE1B	TSS10457,TSS	chrX:52541053-	0	0
SYNJ2-IT1	TSS32999	chr6:158422130-	0	0
C10orf71	TSS16509	chr10:50507180-	0	0
SCGB3A2	TSS17528	chr5:147258270-	0	0
PLBD1	TSS28726	chr12:14656590-	3.37703	0.292624
LINC01010	TSS132,TSS22	chr6:134758850-	0.733375	0
GZMB	TSS14162	chr14:25100160-	0.109773	0.0425713
LOC101929480	TSS27116	chr20:12845850-	0	0
OLFM3	TSS17237,TSS	chr1:102268120-	0	0
PRR30	TSS11913	chr2:27359714-	0	0.0170245
DGAT2L6	TSS25626	chrX:69397332-	0	0.125454
HCG9	TSS20784	chr6:29942891-	0	0.200877
RND3	TSS13859	chr2:151324700-	0	0.0295975
C7orf34	TSS973	chr7:142636600-	0	0
HTR3A	TSS18647,TSS	chr11:11384570-	0.82042	1.09421
LOC100132062	TSS13166	chr5:180750500-	0.624778	0.322772
SPOCK1	TSS3388	chr5:136310980-	0	0.00923184
PNMAL1	TSS5140	chr19:46969740-	0	0
SNORA41	TSS15825	chr2:207026950-	0	3.9015
GPRC5B	TSS11882,TSS	chr16:19870290-	0	0
IFNG	TSS21632	chr12:68548540-	0	0
UNCX	TSS6510	chr7:12726530-	0	0.0301242
ZFPM2	TSS29148	chr8:106331140-	0	0
LOC102724661	TSS16036	chr1:177320720-	0	0
LOC388942	TSS2687	chr2:42104694-	0.355158	0
OR52H1	TSS24992	chr11:5565790-	0	0.243535
MYO5B	TSS13180	chr18:47349150-	0.151572	0.0155216
PDE1A	TSS14200,TSS	chr2:183004760-	0	0.020409
LOC283214	TSS27388	chr11:75469490-	0	0
HSD3B2	TSS20401,TSS	chr1:119957550-	0.270111	0
LOC101927180	TSS5168	chr18:69546750-	0	0
MGC2889	TSS17383	chr3:192959560-	0	0.031847
THEG	TSS20945	chr19:3620560-	0	0
BDLF4_1	-	chrEBV(Akata_	0	8.10E-11
LOC101928851	TSS21753	chr4:58292037-	0	0
TUBAL3	TSS12218	chr10:5435060-	0	0
CYLC2	TSS20801	chr9:105757590-	0	0.0322128
IGSF23	TSS5950	chr19:45116930-	0	0
FAM47E	TSS12970,TSS	chr4:77135192-	0.510814	0
LOC102723517	TSS5487	chr17:70030240-	0	0
PGM5-AS1	TSS1926	chr9:70970079-	0	0.154401
FSHR	TSS22503	chr2:49189295-	0	0
TCP10L2	TSS28241	chr6:167584080-	0	0.0106631
TMPRSS7	TSS9555	chr3:111758460-	0	0
MIR612	TSS12561	chr11:65211920-	0	0
TMEM132D	TSS31421	chr12:12955620-	0	0.0172534

POTEH	TSS18662	chr22:1625633-	0.00728716	0.0314217
LINC01470	TSS3980	chr5:15199852-	0.065177	0.00535276
DDX11L9	TSS14344	chr15:10251676-	0.073611	0
OR51B2	TSS28172	chr11:5344527-	0	0
LOC339593	TSS26206	chr20:11247306-	0	0.00510619
LOC653513	TSS21893	chr1:144676436-	0.424653	0.440534
LINC00491	TSS17434	chr5:101944195-	0	0
LSAMP-AS1	TSS24228	chr3:116078870-	0	0
CTD-2297D10	TSS16446	chr5:5132197-5	0	0
SNHG18	TSS28155	chr5:9546311-9	0	0
CDH22	TSS14569	chr20:4480237-	0	0
KRTAP4-3	TSS7944	chr17:39323482-	0	0.166764
NPHP3-AS1	TSS30844	chr3:132441185-	0	0
FOXL2NB	TSS27763	chr3:138666075-	0.0106681	0.02477
CD300LB	TSS29042	chr17:72517312-	0	0.121395
LPAR4	TSS8786	chrX:78003205-	0	0.276629
MLIP	TSS18423,TSS	chr6:53883713-	0	0.00979418
HNF4A	TSS14450,TSS	chr20:42984440-	0	0.00741231
LOC101929260	TSS20296	chr2:151409045-	0.17656	0
FAM26D	TSS29718	chr6:116850175-	0	0
TMEM92	TSS1411,TSS3	chr17:48348766-	0	0
PYY	TSS33157	chr17:42030106-	0	0
FAM26E	TSS27910	chr6:116832807-	0	0
CCDC172	TSS23137	chr10:11808390-	0	0
PALM	TSS7677	chr19:708952-7	0	0
ATP2C2	TSS11790,TSS	chr16:84402128-	0	0.0575854
PERP	TSS4141	chr6:138409647-	0.292395	0.133365
SSX4	TSS6811	chrX:48242967-	0	0
BNRF1_1	-	chrEBV(Akata_	0	0.391864
PRAME	TSS11890,TSS	chr22:22890117-	0	0
RBBP8NL	TSS30107	chr20:60985292-	0	0
SNORA84	TSS2183	chr9:95054742-	51.4557	11.1992
GSTTP2	TSS14539	chr22:24385937-	0	0
USP17L2	TSS9290	chr8:11994676-	0.0888259	0
TMPRSS11F	TSS19002	chr4:68918915-	0	0
CPEB2-AS1	TSS17829	chr4:14911584-	0	0
TMEM145	TSS18593	chr19:42817476-	0	0.0450591
ABCC12	TSS19024	chr16:48116880-	0	0
ANKRD26P3	TSS8883	chr13:19836939-	0	0.0067352
LEUTX	TSS5257	chr19:40267230-	0	0
SLC39A12-AS	TSS2720	chr10:18290714-	0.370712	0.179431
LOC102724663	TSS7546	chr12:81672967-	0	0
NFIA-AS1	TSS6582	chr1:61714616-	0	0
TMEFF1	TSS19724	chr9:103235519-	0	1.79E-19
C10orf90	TSS3231	chr10:12811357-	0.00357779	0
IL13	TSS10870	chr5:131993864-	0	0
ERICH1-AS1	TSS16154	chr8:687604-10	0	0
LCA10	TSS21964	chrX:153146120-	0	0
CWH43	TSS28728,TSS	chr4:48988264-	0	0
PCDHA9	TSS3378	chr5:140227356-	0.053617	0.0311169
CMA1	TSS5813	chr14:24974560-	0	0
RHBG	TSS17404	chr1:156338979-	0	0
CPO	TSS28201	chr2:207804277-	0	0.154974
LOC101928231	TSS14436	chr6:134750167-	0	0
EEF1E1-BLOC	TSS28029	chr6:8013799-8	0.000357869	0.000229464

AFAP1	TSS23047	chr4:7760439-	0.00377967	0.0482754
S100A7	TSS23336	chr1:15343021-	0	0
LOC100996635	TSS9518	chr1:95975671-	0	0.00445255
DUSP1	TSS114	chr5:17219509-	28.0801	13.6972
TINCR	TSS2024	chr19:5558177-	0.128602	0.0995369
FNDC9	TSS20162	chr5:15676860-	1.532	0.626112
LINCR-0002	TSS22731	chr3:19114331-	0	0
CCL7	TSS10736	chr17:3259723-	0	0
MIR4442	TSS26230	chr3:25706363-	0	0
GSTT2	TSS11097	chr22:2429960-	2.39E-05	0
MYH6	TSS31318	chr14:2385119-	0	0.0547598
SPACA6P-AS	TSS5989	chr19:5218861-	0	0.00850259
CLDN9	TSS16343	chr16:3062456-	0	0
HIST1H2AB	TSS11595	chr6:26033319-	0	0
IL12B	TSS14050	chr5:15874179-	0	0.429353
CTD-2194D22	TSS30324	chr5:1887444-	0	0
LINC00683	TSS313	chr18:7433173-	0	0
ERC2	TSS25205	chr3:55542335-	0	0
LOC100288911	TSS26057	chr2:36581891-	0	0
SLC35G4	TSS1844	chr18:1160955-	0	0.0363779
ISPD-AS1	TSS15879	chr7:16250110-	0	0
MCHR2	TSS19596,TSS	chr6:10036778-	0	0
OR7G1	TSS27670	chr19:9225503-	0	0
SNORD84	TSS20430	chr6:31508877-	0	0
KCNE1	TSS12932,TSS	chr21:3581898-	0	0.194811
CIB3	TSS15333	chr19:1627217-	0	0
ALPP	TSS31732	chr2:23324324-	0	0
FGG	TSS12187	chr4:15552528-	0	0
NEUROG3	TSS13773	chr10:7133179-	0.651107	0
LINC00244	TSS12100	chr7:15633318-	0	0
MIR8072	TSS4685	chr12:1238493-	0	0
UGT2B28	TSS14998	chr4:70146216-	0	0.0475501
TEX101	TSS17770,TSS	chr19:4389276-	1.29947	0.136805
oriLyt_1	-	chrEBV(Akata_	0	1.33E-11
XAGE1B	TSS25074,TSS	chrX:52528159-	0	0
HAL	TSS24074	chr12:9636643-	0.668919	0.175494
OLR1	TSS2781	chr12:1031089-	0	0.245449
MIR325HG	TSS7390	chrX:75878198-	0	0
CA10	TSS13759,TSS	chr17:4970767-	0	0
MT1L	TSS7485	chr16:5665137-	0	0
SOX9	TSS28824	chr17:7011716-	0.143876	0.239843
KLRG2	TSS19846	chr7:13913808-	0	0.32826
FPR1	TSS20135	chr19:5224902-	6.99371	0.533527
LOC646522	TSS31327	chr11:1336535-	0	0
DSG1	TSS8047	chr18:2889805-	0	0
KRTAP5-7	TSS24740	chr11:7123831-	0	0
MAGEB1	TSS3579,TSS8	chrX:30261847-	0	0
RNF225	TSS27470	chr19:5890745-	0	0.274789
LINC00298	TSS31644	chr2:8062555-	0	0
LOC400043	TSS14772	chr12:5451985-	0.305429	0.341837
ABCA9	TSS29456	chr17:6697077-	0	0.00175324
KCNK3	TSS33801	chr2:26915580-	0.131275	0.0254007
LINC00595	TSS11463	chr10:8002708-	0	0
LOC100289473	TSS3633	chr20:1754010-	0	0
LINC00261	TSS12394	chr20:2254119-	0.00439422	0



SUSD4	TSS15449	chr1:223394160	0	0.139081
LOC101929541	TSS17714,TSS	chr1:212386340	0	0
HTR3C	TSS29071	chr3:183770834	0	0
GOLT1A	TSS417	chr1:204167280	0	0
TBC1D3H	TSS28701	chr17:36284000	4.84E-08	0.247951
WFDC2	TSS22097	chr20:44098390	0	0
LINC01339	TSS31071	chr5:894541550	0	0
LINC01239	TSS12570	chr9:226461980	0	0.0592212
SYNJ2BP-CO)	TSS9509	chr14:70791790	7.09E-07	1.61E-06
GPR162	TSS749	chr12:69309620	0.18564	0.0686976
COL4A6	TSS12259,TSS	chrX:107398830	0	0
ADAM3A	TSS34016	chr8:393085630	0	0
GPM6A	TSS33245,TSS	chr4:176554080	0.201059	0
ZP4	TSS28217	chr1:238041160	0	0
PAX1	TSS30391	chr20:21686290	0.00536591	0
C2CD4C	TSS31630	chr19:40544200	0	0
PCDH7	TSS18243,TSS	chr4:307220290	0.102421	0.0301471
KRT71	TSS28966	chr12:52937690	0	0
LOC102467220	TSS14337	chr5:120658240	0	0
SH3BP4	TSS15483	chr2:235860620	0.797947	0.237997
FFAR3	TSS8888	chr19:35849480	0	0
CDC42BPA	TSS7019	chr1:227177560	0.00137482	0.082167
LOC101927274	TSS11196	chr17:49389960	0	0
BCRF1/IL10_1	-	chrEBV(Akata_	0	0
FAM231B	TSS15028	chr1:168652180	0	0.0564069
LINC00399	TSS23038	chr13:11005300	0	0
ORM2	TSS28656	chr9:117092060	1.07672	0.0954751
SI	TSS11644	chr3:164696680	0	0
BMP3	TSS25501	chr4:819521180	0.059915	0.05216
LINC01141	TSS23539	chr1:206862930	0	0
FOXD4L1	TSS16291	chr2:114256660	0.0164537	0.0471305
THSD4	TSS28512,TSS	chr15:71433780	0.0103883	0.0563846
ANXA13	TSS7234	chr8:124693030	0	0
RORA-AS2	TSS13451	chr15:60973760	0	0
DPH6-AS1	TSS917	chr15:35838390	0	0
LINC00551	TSS13970	chr13:10727010	0	0
HBB	TSS32534	chr11:52466950	6.62019	1.4798
LRRC15	TSS9298	chr3:194075970	0	0
OPN1MW2	TSS32693	chrX:153448080	0	0
BORF1_1	-	chrEBV(Akata_	0	0.105563
CATSPER4	TSS32225	chr1:265171180	0	0
VCAM1	TSS1069	chr1:101185190	0	0
VNN3	TSS28575	chr6:133043920	0.295779	0.0416482
CASC9	TSS33504,TSS	chr8:761353510	0	0
TMEM72-AS1	TSS26180	chr10:45306470	0	0
GPR26	TSS10191	chr10:12542580	0.0658117	0.00636489
TMPRSS12	TSS30213	chr12:51236700	0	0
LINC01580	TSS20437	chr15:94443920	0	0
CLSTN2	TSS6202	chr3:139654020	0	0.00456206
LOC285692	TSS4204	chr5:964142600	0.0165597	0
LINC01057	TSS19011	chr1:951230880	0	0
ANKRD34B	TSS18179	chr5:798525730	0	0
PHACTR3	TSS14269,TSS	chr20:58152560	0	0.00269272
IGFBP5	TSS16568	chr2:217536820	0	0.00531344
IYD	TSS7112	chr6:150690020	0	0.0089133

LOC101927934	TSS16740	chr5:13384224	0	0.102978
DPYD-AS1	TSS17838	chr1:97561478	0	0
LOC145845	TSS32146	chr15:3715664	0	0
PRSS46	TSS4286	chr3:46761072	0	0
HOXC5	TSS11681,TSS	chr12:5441063	0	1.72E-61
DEFB103B	TSS25724	chr8:7286415	0.180727	0
B4GALNT2	TSS24518,TSS	chr17:4720982	0	0
HBG1	TSS6759	chr11:5269501	0	0
DCDC2	TSS11480,TSS	chr6:24171982	0	0
HOXA11-AS	TSS2742	chr7:27225026	0	0
LOC101928233	TSS13	chr21:4401951	0	0
HSPB7	TSS15301	chr1:16340522	0	0
LINC00632	TSS28495	chrX:13979192	0	0
LINC01002	TSS30823	chr19:197015	0.664065	0.209705
LINC00977	TSS29604	chr8:13022871	0	0
LOC101929319	TSS18376	chr2:15219434	0	0
LOC647323	TSS26054	chr3:19367516	0	0
LOC101928943	TSS20316,TSS	chr11:4729220	0	0
UCMA	TSS27368	chr10:1326376	0	0
NPPC	TSS6393	chr2:23278680	0	0
LMNTD1	TSS10749,TSS	chr12:2562901	0	0
CCR8	TSS8308	chr3:39371196	0	0
ERICH6B	TSS3386	chr13:4611543	0	0
CHODL-AS1	TSS23920	chr21:1920798	0	0
ADCY8	TSS19979	chr8:13179254	0.211953	0
NT5C1A	TSS10755	chr1:40124792	0	0
LINC01511	TSS3365	chr5:1363696	0	0.133135
PSMA8	TSS30971,TSS	chr18:2371381	0.481706	0.822915
LIPI	TSS23972,TSS	chr21:1548113	0	0
MRLN	TSS19037	chr10:6149674	0	0
SLC4A1	TSS8389	chr17:4232575	0.00145189	0.0269662
SCGB1C1	TSS29889	chr11:193079	0	0
RLBP1	TSS7021	chr15:8975309	0	0
LOC101928992	TSS31823	chr3:18447417	0	0
FGFR2	TSS13664,TSS	chr10:1232378	0	0
LINC00330	TSS29335	chr13:4537363	0	0.0518395
CT47A4	TSS240	chrX:12007741	0	0
C17orf74	TSS26255	chr17:7328934	0	0
FLJ41200	TSS11572	chr9:13406378	0.308633	0
Cp-EBNA1_1	-	chrEBV(Akata_	1.48E-07	1.72E-06
PYGL	TSS434	chr14:5137193	0.566176	0.0667877
NCAM2	TSS31279	chr21:2237063	0	0.000513324
PAGE4	TSS7867	chrX:49593905	0	0
IL20	TSS20142	chr1:20703915	0.0390537	0.121071
LINC00508	TSS16726	chr12:1283685	0	0
NR5A2	TSS3005,TSS3	chr1:19999672	0	0.0839861
GLT1D1	TSS23608	chr12:1293380	0	0.897166
ERVMER34-1	TSS25293	chr4:53609683	0	0.02392
LINC01432	TSS7668	chr20:2203472	0	0
MNDA	TSS28599	chr1:15880116	8.57651	3.53178
LOC101927735	TSS15551	chr12:1296931	0	0
UGT1A6	TSS27100,TSS	chr2:23460032	0	0
OR51T1	TSS20285	chr11:4903048	0	0.359722
CALD1	TSS19424,TSS	chr7:13446416	0.197557	0.0445918
LRR1Q1	TSS3470	chr12:8543009	0.00263363	0

LINC01090	TSS32662	chr2:18890032	0	0
LOC101929470	TSS7935	chr8:29672519	0	0
CD207	TSS13820	chr2:71057342	0	0
TBX18	TSS13528	chr6:85442215	0	0
LINC01143	TSS13699	chr2:71115000	0	0
LOC101929384	TSS4070	chr12:312810	0	0
XAGE1B	TSS7018,TSS9	chrX:52238809	0	0
GLB1L3	TSS25517	chr11:1341462	0	0
RBP7	TSS29639	chr1:10057254	0	0.198815
LINC01276	TSS31088	chr6:41470181	0	0
PRDM13	TSS20878	chr6:10005464	0	0
ZG16B	TSS27793	chr16:2880172	0	0
MT1DP	TSS21647,TSS	chr16:5667759	0	0
DPPA2	TSS12052	chr3:10901263	0	0
LOC643623	TSS868	chr6:12599549	0	0
CASC23	TSS2804	chr11:8032824	0	0
FRMPD4	TSS28625	chrX:12156584	0.0502472	0
IR2/NotI_repea	-	chrEBV(Akata_	0	4.96E-248
AQP9	TSS25750	chr15:5843040	0.715739	0.101766
SERPINB2	TSS10571	chr18:6155493	0	0.203953
KLRF2	TSS14019	chr12:1003408	0	0
ARHGAP36	TSS10451	chrX:13019221	0	0
PCDHB8	TSS2545	chr5:14055737	0.357222	0
CDH18	TSS14871,TSS	chr5:19473154	0.0111749	0.00295109
NOX4	TSS12502,TSS	chr11:8905752	0.042819	0
BBLF1_1	-	chrEBV(Akata_	0	0.0212004
ZNF704	TSS12053	chr8:81540685	0.217264	0.15739
CCNO	TSS14993,TSS	chr5:54526980	0	0.0275507
CX3CL1	TSS16069	chr16:5740637	0	0
LINC00989	TSS3443	chr4:80413746	0	0
ACKR4	TSS16315,TSS	chr3:13231608	0	0.144944
LOC401463	TSS15758	chr8:65486865	0	0
ARPIN	TSS2096,TSS2	chr15:9043976	0.0210858	0.0872756
LINC00313	TSS12168	chr21:4488197	0	0
OPALIN	TSS26170,TSS	chr10:9810297	0	0
FRMPD1	TSS10586	chr9:37651051	0	0.00679409
TAS1R3	TSS13384	chr1:1266725	0.906219	0.229371
EZR-AS1	TSS5898	chr6:15923901	0	0
OR9A4	TSS15832	chr7:14161867	0.696113	0.0415299
LOC100506371	TSS22950	chr17:33614-3	0	0
LRRC38	TSS18612	chr1:13801444	0	0
FAM181A	TSS23006,TSS	chr14:9438523	0	0
FPR2	TSS17879,TSS	chr19:5226445	0.119358	0
SELV	TSS32265	chr19:4000575	0.216937	0
FOXI2	TSS32488	chr10:1295355	0	0.00357248
PRODH2	TSS7896	chr19:3629089	0.193212	0
EPX	TSS24350	chr17:5627008	0.0163478	0.0632799
BHRF1_1	-	chrEBV(Akata_	0.0317487	28.9154
LINC01449	TSS19203	chr7:41141201	0	0
PTCHD3	TSS33974	chr10:2768711	0.211873	0.0273393
TEX43	TSS14642	chr5:12596741	0	0
FAR2P1	TSS24367	chr2:13078357	0.189305	0.00555415
IGF2-AS	TSS2664	chr11:2161757	0.0935045	0
LOC100996694	TSS2393	chr4:12086069	0	0
BORF2_1	-	chrEBV(Akata_	0	0.754064

ESM1	TSS26026	chr5:54273694-	0	0
LIF	TSS4917	chr22:3063643-	0	0.0445302
SPINK1	TSS30982	chr5:14720414-	0	0
SLC6A20	TSS8397	chr3:45796940-	0.137516	0.0187773
CGB2	TSS16574	chr19:4953512-	0	0
LYZL2	TSS4423	chr10:3090070-	0	0
TET1	TSS10001	chr10:7032011-	0.104272	0.043108
SLC28A1	TSS10027	chr15:8542789-	0	0.00101417
RORC	TSS17703,TSS	chr1:15177854-	0	0
C5orf67	TSS1530	chr5:55807220-	0	0
LINC00458	TSS22561	chr13:5469845-	0	0
KISS1	TSS21498	chr1:20415946-	0	0.295547
C5AR2	TSS28260,TSS	chr19:4783540-	0.175088	0.244213
LPO	TSS1710	chr17:5631578-	0	0
TACC2	TSS24035,TSS	chr10:1237486-	0.0682536	0
LOC101927787	TSS10784	chr1:23478203-	0	0
PLEKHA6	TSS32004	chr1:20418797-	0.304928	0.0949714
LOC101929229	TSS11910	chr8:10697535-	0	0
SDPR	TSS7787	chr2:19269903-	0	0.0732693
DPPA5	TSS18820	chr6:74062784-	0.3378	0
KDM4E	TSS30353	chr11:9475842-	0	0
C7	TSS18907	chr5:40909598-	0	0
LOC100506085	TSS1042	chr4:17083891-	0	0
DMRTB1	TSS23050	chr1:53925071-	0	0
NXPH3	TSS2797	chr17:4765329-	0	0.0119829
CCL20	TSS12781	chr2:22867855-	0	0
LOC101928700	TSS8587	chr7:14677802-	0	0.0654054
CFTR	TSS33681	chr7:11712001-	0	0.00540968
LOC101926942	TSS14826	chr10:9216227-	0	0
LOC400541	TSS29774	chr16:7019024-	0	0
KDELR3	TSS8109	chr22:3886406-	0	0
PRAC2	TSS27022,TSS	chr17:4680052-	0	0
TMEM211	TSS1644	chr22:2533120-	0	0
ZBTB20-AS4	TSS27173	chr3:11481926-	0	0.0127315
EYA1	TSS22123,TSS	chr8:72109667-	0.16361	0.00930251
LOC101928414	TSS16513	chr15:4554377-	0	0
DPYS	TSS12545	chr8:10539165-	0	0.115513
TRIM29	TSS22796	chr11:1199819-	0	0
SLC30A3	TSS12247	chr2:27477439-	0	0.0335182
MIR217HG	TSS2777	chr2:56190540-	0	0.749111
BOLF1_1	-	chrEBV(Akata_	0	0.303765
GABRR3	TSS24414	chr3:97705526-	0	0
RGPD4-AS1	TSS27012	chr2:10843951-	0.0589495	0.0456661
LOC101928565	TSS12721	chr1:16843335-	0	0
COX7B2	TSS21565	chr4:46736846-	0	0
PRSS54	TSS34113	chr16:5831390-	0	4.09E-10
PRY2	TSS23832	chrY:24217902-	0	0.00502575
MOG	TSS26431	chr6:29624757-	0	0
LRTM1	TSS24506,TSS	chr3:54952380-	0	0
CNTNAP2	TSS15324	chr7:14581345-	0.128862	0.135732
C16orf82	TSS17489	chr16:2707821-	0	0
LOC284578	TSS106	chr1:20552340-	0	0.0440921
SSX7	TSS18834	chrX:52673110-	0	0
RIMBP3C	TSS21746	chr22:2173766-	1.51E-05	1.15E-05
C5AR1	TSS21018	chr19:4781310-	2.0133	0.564155

HRH2	TSS33604,TSS	chr5:175085039	0.246433	0.121686
TREM1	TSS16826	chr6:41242998-	1.18678	0.764166
TMEM252	TSS32897	chr9:71151497-	0	0
GAGE12E	TSS33495	chrX:49344551-	8.90E-05	0
WFDC1	TSS14487	chr16:8432831-	0	0
ATP8A2	TSS27282	chr13:25946208	0.0258478	0.0733446
TFPI2	TSS31486	chr7:93514708-	0	0.287646
C6orf25	TSS7458	chr6:31691120-	0.2579	0
EVX1-AS	TSS30869	chr7:27281047-	0	0.137772
LOC100289650	TSS34203	chr19:43326014	0	0
LOC101928622	TSS9887	chr4:33897960-	0	0
NKX3-2	TSS33518	chr4:13542453-	0	0
BBLF2/BBLF3 -		chrEBV(Akata_	0	0.503096
OR1Q1	TSS19826	chr9:125377016	0	0
MIR212	TSS15211	chr17:1953564-	0	0
LCE1C	TSS32032	chr1:152777310	0	0
LOC100996671	TSS6794	chr12:12713749	0	0
WSCR17	TSS2558	chr7:70597522-	0	0.00192592
RHOXF1P1	TSS28848	chrX:119144670	0	0
LOC642366	TSS23442	chr5:50668570-	0	0
GABRQ	TSS20353	chrX:151806630	0	0
C2orf54	TSS19348,TSS	chr2:241825464	0	0.0239849
DEFB103B	TSS9365	chr8:7738725-	0.180727	0
TTC39A	TSS18113,TSS	chr1:51752929-	0	0.260931
OSMR-AS1	TSS32095	chr5:38693314-	0	0
KLF17	TSS5057	chr1:44584521-	0	0.087188
MATN3	TSS6029	chr2:20191812-	0	0.0801498
CRABP1	TSS455	chr15:78632669	0	0
FSTL5	TSS11848	chr4:162305040	0	0
FOXS1	TSS3435	chr20:30432100	0	0
PRY2	TSS18224	chrY:24636543-	0	0.00502575
LOC101928131	TSS22454	chr4:166651930	0	0.0814141
MIR1282	TSS32610	chr15:44085850	0	0
LOC102724312	TSS2763	chr1:1365536-	0	0
BTNL8	TSS13219,TSS	chr5:180326070	0	0.273733
LOC649133	TSS17938	chr11:12012040	0	0
FAM95A	TSS10788	chr2:95421070-	0	0
CNTN6	TSS18588	chr3:1134341-	0	0
NACAD	TSS11094	chr7:45120035-	0	0.0140468
OR7E5P	TSS16822	chr11:55746170	0	0
CASR	TSS13071,TSS	chr3:121902529	0	0
C19orf33	TSS26872	chr19:38794800	0	0
CLEC10A	TSS29102	chr17:6977855-	0	0.168579
KLF4	TSS29402	chr9:110247130	0.30143	0.175008
METTL11B	TSS18418	chr1:170115180	0	0
LINC00923	TSS19600	chr15:98285840	0	0
TP53TG3B	TSS23565	chr16:33205580	0	5.42E-08
TANC1	TSS4426	chr2:159825140	0.0683169	0.150654
LOC101929983	TSS12131	chr1:13424002-	0	0.0220319
LINC00238	TSS14711	chr14:66953080	0	0
LOC284581	TSS6736	chr1:205831200	0	0.0398932
TOM1L1	TSS5418	chr17:5297805-	2.42E-112	0.0319477
NLRP8	TSS28774	chr19:56459190	0	0
PRNT	TSS16880	chr20:4711927-	0	0.00756743
CYP1A2	TSS3115	chr15:75041180	0.112672	0.0327065

REG3G	TSS22438	chr2:79252811-	0	0
PROX1-AS1	TSS25425	chr1:21399298-	0	0
NPTX2	TSS8701	chr7:98246596-	0	0.0633794
SMIM23	TSS27872	chr5:17121287-	0	0
OR4F5	TSS16448	chr1:69090-700	0	0
KRTDAP	TSS20336	chr19:3597822-	0	0
LOC100505912	TSS5680	chr4:22328989-	0	0
TGFBI	TSS21911	chr5:13536458-	0.347657	0.403708
CXCL14	TSS14795	chr5:13490637-	0	0
MIR151B	TSS3147	chr14:1005757-	0	0
LOC389602	TSS18481	chr7:15575532-	0	0
FRG2C	TSS22513	chr3:75713486-	0	0
C6orf58	TSS10745	chr6:12789831-	0	0
LINC01441	TSS25369	chr20:5403687-	0.215982	0.0760152
FZD10	TSS26091	chr12:1306470-	0	0
LOC101929983	TSS1416	chr1:13644799-	0	0.0220319
OR4C15	TSS15310	chr11:5532178-	0	0.102433
BEAN1	TSS1993	chr16:6646119-	0	0
MFAP4	TSS4612	chr17:1928675-	0	0
DYNAP	TSS799,TSS80	chr18:5225498-	0.167008	0
RNU86	TSS18906	chr22:3971284-	0	0
DISC2	TSS6011	chr1:23195037-	0	0
VTRNA2-1	TSS1274	chr5:13541618-	0	0
GUCY1A2	TSS29172	chr11:1065447-	0.00260525	0.0175149
MAP1B	TSS12952	chr5:71403117-	0	0.281304
FGF20	TSS9010	chr8:16850333-	0	0
GRM5	TSS1820,TSS2	chr11:8823774-	0	1.02E-07
LRFN5	TSS3112	chr14:4207676-	0	0
DAB1	TSS23940	chr1:57463578-	0	0.000835932
DMP1	TSS10062	chr4:88571453-	0.388009	0.0391762
ADORA1	TSS24337	chr1:20309683-	0	0
RUNX1T1	TSS23313,TSS	chr8:92967194-	0.000728469	0.0456264
TAAR3	TSS23696	chr6:13292936-	0	0
PRR35	TSS24070	chr16:610421-	0	0
ANHX	TSS6780	chr12:1337948-	0	0
IL20RA	TSS28647,TSS	chr6:13732110-	0	0.120441
SERPINA9	TSS33308	chr14:9492905-	1.17696	0.587387
SSTR2	TSS5434	chr17:7116115-	0	0.299983
CDH5	TSS27141	chr16:6640052-	0	0
HCG23	TSS23117	chr6:32358286-	2.04395	0
OR1A2	TSS10282	chr17:3100810-	0	0
SLC11A1	TSS10676	chr2:21924675-	1.85543	0.280208
CYP19A1	TSS11505	chr15:5150025-	0	0.0913596
LINC00905	TSS23128,TSS	chr19:1614452-	0	0
NLGN4Y-AS1	TSS24201	chrY:16905521-	0	0
ZNF702P	TSS22865	chr19:5347150-	0.552404	0.70928
LINC00836	TSS1752	chr10:2594064-	0	0
LOC541472	TSS16115	chr7:22765013-	0	0
STAB1	TSS31211	chr3:52529355-	0.17196	0.154272
RBPMS-AS1	TSS14035	chr8:30239634-	0	0
SERPINB13	TSS23234	chr18:6125453-	0	0
PCDHA1	TSS11115	chr5:14016572-	0	0
LOC102724691	TSS20548	chr2:10555269-	0	0
NEUROD6	TSS14576	chr7:31377074-	0	0
LOC100129935	TSS34046	chr19:4012932-	0.100194	0

DPYD-AS2	TSS5619	chr1:98262476-	0	0
GTSCR1	TSS22127	chr18:68297754-	0	0.0750515
RNASE13	TSS13526	chr14:21500978-	0	0
ZMIZ1-AS1	TSS20846	chr10:80703082-	0	0.0163479
CYP7B1	TSS19046	chr8:65508528-	0	0
ITGA3	TSS20642	chr17:48133339-	1.96178	1.29318
EVA1A	TSS15398,TSS	chr2:75719443-	0	0
GRXCR2	TSS26991	chr5:145239295-	0	0
MAFB	TSS2589	chr20:39314487-	1.18891	0.200058
POU3F4	TSS6375	chrX:82763268-	0	0.120476
LYPD6B	TSS15169	chr2:149894980-	0.355708	0.631704
C20orf62	TSS8354	chr20:43090402-	0	0
CTB-113P19.1	TSS24946	chr5:151056505-	0	0
STON1	TSS24306	chr2:48757307-	0.0783361	0
VSTM1	TSS21286	chr19:54544079-	0	0
OR5H2	TSS34225	chr3:98001731-	0	0
PRSS57	TSS30433	chr19:6855206-	0	0.0142068
AWAT1	TSS15102	chrX:69454504-	0	0
CLU	TSS28929,TSS	chr8:27454433-	0.139526	0.0479949
C4orf45	TSS1202	chr4:15981468-	0	0.0310778
GLRA2	TSS33850	chrX:14547419-	0	0.0113212
TMEM229A	TSS8950	chr7:123670969-	0	0.0135207
LOC100131107	TSS13389	chr1:152051888-	0	0
B3GALT5-AS1	TSS17229	chr21:40969074-	0	0
CD300E	TSS24197	chr17:72606027-	0.235886	0.0864857
AMER3	TSS26186,TSS	chr2:131513076-	0	0.0107437
NDNF	TSS6689	chr4:12195678-	0	0
FRMPD3-AS1	TSS2506	chrX:10675621-	0	0
LOC102724279	TSS5917	chr19:15962809-	0	0
SSPN	TSS12960,TSS	chr12:26348268-	8.46594	1.87532
LINC01272	TSS32818	chr20:48884022-	0	0
CHRNA4	TSS18768	chr20:61974667-	0.00195709	0.00607507
LINC01474	TSS31456	chr9:75486644-	0	0
TEAD3	TSS19537	chr6:35441373-	0.250955	0.171412
RTP1	TSS14672	chr3:186915279-	0	0.141703
LGALS2	TSS9385	chr22:37966252-	1.7277	0
BGLF1_1	-	chrEBV(Akata_	0	4.90E-08
MGAT4EP	TSS25319	chr1:202789384-	0	0
GAGE2D	TSS32379,TSS	chrX:49197562-	0	0
TBX20	TSS18958	chr7:35242041-	0	0.0535058
ENPEP	TSS29778	chr4:111397228-	0	0
B3GALT1	TSS4735	chr2:16867518-	0	0
DLX6	TSS29393	chr7:96635289-	0	0.00472495
KIAA1462	TSS2832	chr10:30301728-	0.0182615	0
ALDH1A1	TSS27729	chr9:75515577-	0.246097	0.0146573
TPPP3	TSS1894	chr16:67423709-	0	0
SEC14L5	TSS1353	chr16:5008317-	0	0
LOC101929439	TSS11912	chr15:76467237-	0	0
EFS	TSS24061	chr14:23825608-	0	0
FOLR1	TSS21640,TSS	chr11:71900607-	0	0
ERICH3-AS1	TSS16835,TSS	chr1:75043113-	0	3.72E-10
SLC52A3	TSS15226	chr20:7407237-	0	0
LOC643802	TSS5577	chr16:53403279-	0	0.0274358
PSG10P	TSS21963	chr19:43341148-	0	0
PCK1	TSS8746	chr20:56136136-	0	0

SNORD56	TSS1415	chr20:2637269-	0	0
VGLL3	TSS30469	chr3:86987122-	0	0.0157691
C5orf49	TSS12539	chr5:7830490-	0	0
TNXB	TSS28173	chr6:31976196-	1.01E-07	5.60E-08
ENOX1-AS2	TSS23590	chr13:4402298-	0	0
RAET1E	TSS10675,TSS	chr6:150204510	0	0.00668282
ARSH	TSS33358	chrX:2924653-	0	0
ERN2	TSS22306	chr16:2370162-	0	0
CACNG2	TSS28238	chr22:3695691-	0	0
TLR3	TSS701	chr4:18699030-	0.217579	0.0673714
LOC100132735	TSS2076	chr6:14009220-	0	0
OR5K1	TSS15927	chr3:98188323-	0	0
LOC101928936	TSS22453	chr6:89235642-	0	0
LOC285889	TSS4657	chr7:15623048-	0.0164705	0
NEURL1B	TSS22435	chr5:17206826-	0.120695	0
OR4F21	TSS10741	chr8:116085-1-	0	0
GPR12	TSS21535	chr13:2732933-	0	0
PDGFRL	TSS6810	chr8:17433941-	0	0.0196659
AACSP1	TSS28401	chr5:17819186-	0	0
LINC01324	TSS22038	chr3:16443188-	0	0
FAM9A	TSS17312,TSS	chrX:8758836-	0.00160925	0
ADGRF5	TSS28022,TSS	chr6:46820241-	0.0820375	0
ARNT2	TSS19088	chr15:8069669-	0	0.00504817
PGM5P3-AS1	TSS15985	chr2:11428514-	0	0.0677858
LOC400655	TSS9602	chr18:7082129-	0	0
KRT16P3	TSS29283	chr17:2040482-	0	0.0722142
TUBB1	TSS29261	chr20:5759430-	1.30241	0.804541
KIAA1257	TSS20125	chr3:12868978-	0	0
ACE2	TSS10967	chrX:15579155-	0	0
ARHGEF16	TSS18135	chr1:3371146-	0.0152312	0.027512
C8orf34	TSS31815	chr8:69242956-	0.000973632	0
ACVRL1	TSS11042,TSS	chr12:5230120-	0	0
FMR1NB	TSS13141	chrX:14706284-	0	0.22697
OR4F16	TSS24608	chr5:18079428-	0	0
VCAN	TSS26214	chr5:82767492-	0.727248	0.185065
GJB6	TSS21314,TSS	chr13:2079610-	0	0
TMEM56	TSS22936,TSS	chr1:95558072-	0.980442	0.1626
SNORA80E	TSS906	chr1:15588969-	0	0
NPW	TSS25739	chr16:2069520-	0.00350521	5.03098
FOXCUT	TSS1577	chr6:1605765-	0	0
NR1H4	TSS12475,TSS	chr12:1008675-	0	0
MUC5AC	TSS22835	chr11:1151579-	0	0
TRPC2	TSS27083	chr11:3647689-	0	0
MMP16	TSS19641	chr8:89049459-	0	0.00523072
LINC00958	TSS19116	chr11:1300108-	0	0
CFI	TSS27402	chr4:11066184-	0	0
LINC00648	TSS15989	chr14:4823415-	0	0
PABPC1L2B	TSS1233	chrX:72223351-	0	0
PACERR	TSS7222	chr1:18664978-	0	0
IGFBP1	TSS10777	chr7:45927958-	0	0
SNORA70G	TSS1085	chr12:6902101-	0	0
CBR3	TSS53	chr21:3750726-	4.32098	0.896054
MT1A	TSS27709	chr16:5667257-	0	0
LOC101928823	TSS16648,TSS	chr11:1123529-	0	0.32993
C3	TSS10192	chr19:6677845-	0	0.0779812



SEMA6B	TSS15332	chr19:4542599-	0.132527	0.0170953
PDE2A	TSS11406,TSS	chr11:7228718-	0.00524726	0.0488096
AKNAD1	TSS28838,TSS	chr1:10935851-	0	0.0117565
PAX4	TSS28745	chr7:12725034-	0	0
ALDH8A1	TSS7351	chr6:13523852-	0	0.188206
KRBOX1-AS1	TSS22007	chr3:42975735-	0	0
LGALS7	TSS2876	chr19:3926160-	0	0
UGT1A1	TSS32655	chr2:23466891-	0	0
LOC101927244	TSS21536	chr1:71172135-	0	0
TLR2	TSS9817	chr4:15460544-	1.52066	0.648378
CLYBL-AS2	TSS23285	chr13:1003423-	0	0
INHA	TSS26704	chr2:22043695-	0	0
FAM183CP	TSS20964	chr8:29779028-	0	0
SLAMF9	TSS9568	chr1:15992128-	0	0
ZCCHC5	TSS14831	chrX:77911565-	0	0
LOC100132078	TSS33219	chr11:1112849-	0	0
MMP1	TSS2359	chr11:1026606-	0.360147	0
LOC729950	TSS20426	chr18:2220814-	0	0
SNORA29	TSS7322	chr6:16020662-	0	0
LOC101929454	TSS7916	chr5:15191754-	0	0
ACCSL	TSS31471	chr11:4406953-	0	0
XIRP2-AS1	TSS9175	chr2:16797931-	0	0
BCHE	TSS33483	chr3:16549069-	0	0
MAGEA5	TSS7195	chrX:15128252-	0	0
SPATS1	TSS9900	chr6:44310396-	0	0
TMPRSS11E	TSS24120	chr4:69313166-	0	0
SSMEM1	TSS3157	chr7:12984770-	0	0
EPHA7	TSS18043	chr6:93949739-	0.0237772	0.0920714
PPY2P	TSS32747	chr17:2657446-	0	0
LOC101929578	TSS13010	chr3:10709932-	0	0
LINC01603	TSS9993	chr8:70337105-	0	0
PSG4	TSS2198	chr19:4369685-	0	0
ABCG8	TSS12943	chr2:44066102-	0.050064	0
EQTN	TSS1151	chr9:27284653-	0	0
OR51I2	TSS578	chr11:5474637-	0	0.250409
LOC389199	TSS23148	chr4:7940727-	0	0
FAM19A4	TSS2559	chr3:68780914-	0	0
SLC30A10	TSS3854	chr1:22008760-	0	0.0360221
LINC01234	TSS10086	chr12:1141823-	0	0
F13B	TSS370	chr1:19700832-	0	0
GLYAT	TSS8567	chr11:5847622-	0	0
KLHL4	TSS16806	chrX:86772714-	0	0
CPA4	TSS29738	chr7:12993297-	0	0
NNMT	TSS15815	chr11:1141665-	0	0
BMS1P20	TSS33363	chr22:2265246-	18.6274	34.6098
LURAP1L-AS1	TSS14003	chr9:12699998-	0	0
SNAP25-AS1	TSS10277	chr20:1000445-	0	0.0924679
AR	TSS12728,TSS	chrX:66763873-	0	0
LINC01271	TSS10388	chr20:4892724-	0	0.0456269
EML1	TSS8906	chr14:1002597-	0.0873357	0.0225264
GDPD4	TSS22986	chr11:7692760-	0	0
GABRA4	TSS20550,TSS	chr4:46920916-	0	0
SOX18	TSS9266	chr20:6267907-	0.0812985	0.125944
GPR27	TSS33228	chr3:71803200-	0	0
SULF1	TSS6500,TSS9	chr8:70378858-	0.00774182	0

RBP2	TSS34084	chr3:139171725	0.559448	0
LINC01429	TSS16929	chr20:50448335	0	0.00186781
XCL1	TSS382	chr1:168545710	0.243095	0
SLC9C2	TSS8680	chr1:173469605	0	0
NAT8B	TSS7100	chr2:73927635-	0	0
LINC00890	TSS10287	chrX:110754885	0	0.0218603
UGT2B17	TSS15956	chr4:69402902-	0	0
OR4A5	TSS5664	chr11:51411375	0	0
C2orf73	TSS14737	chr2:54558070-	0	0.0368075
IGFBP6	TSS20988	chr12:53491435	0	0.00673943
TAS1R2	TSS7930	chr1:19166092-	0	0
MRGPRF	TSS18276	chr11:68771865	0	0
RASGRP4	TSS26575	chr19:38899695	0.318857	0.0930299
PLBD1-AS1	TSS8004	chr12:14720665	0	0
MOGAT3	TSS14944	chr7:100839015	0	0
HOXD10	TSS32868	chr2:176981495	0	0.0147901
PPP4R4	TSS32396	chr14:94640645	1.13508	0.0174372
KRT86	TSS22428	chr12:52695645	0	0
PLD5	TSS2230,TSS3	chr1:242251685	0.172708	0
AZGP1	TSS24694	chr7:99564349-	0	0
MFAP2	TSS27271,TSS	chr1:17300998-	0.776494	0
FAM150A	TSS19659	chr8:53446596-	0	0.128678
CDH2	TSS24412,TSS	chr18:25530925	0	0.0232243
NMU	TSS4290,TSS4	chr4:56461395-	0	0
CDH16	TSS8528	chr16:66942025	0	0.0775778
LRRC18	TSS28843	chr10:50117525	0.45926	0.978339
KRT6A	TSS30733	chr12:52880955	0	0
LINC00616	TSS12056	chr4:138948575	0	0.122203
C14orf105	TSS9017	chr14:57936015	0	0
TPTE2	TSS12120,TSS	chr13:19997015	0.114936	0.114784
SFTA3	TSS4482	chr14:36942495	0	0
FRMD6-AS2	TSS17183	chr14:51921225	0	0
BANF2	TSS27359,TSS	chr20:17674315	0	0
ARFGEF3	TSS5749	chr6:138483055	0.306031	0.0679601
LOC100506474	TSS16500	chr2:13106907-	0	0.0726616
FAM83A-AS1	TSS8662	chr8:124213415	0	0
LOC101928386	TSS12883	chr2:144694635	1.0369	0.0365427
LAMP5	TSS1670	chr20:9495004-	0	0
HRCT1	TSS3514	chr9:35906188-	0	0
LOC101927849	TSS13525	chr4:150075445	0	0
LINC00633	TSS32407	chrX:13425288	0	0
BGLF3.5_1	-	chrEBV(Akata_	0	0.32416
CABP5	TSS12874	chr19:48532635	0.27603	0
LOC101060542	TSS21430	chr18:68047375	0	0
CP	TSS22819	chr3:148880195	0.67543	0.0313457
LINC00851	TSS27032	chr20:18359695	0	0
HRC	TSS6380	chr19:49654455	0	0.00262259
LGALS7B	TSS2009	chr19:39279845	0	0
LRRC74A	TSS10063	chr14:77292725	0	0
COL18A1-AS1	TSS16828,TSS	chr21:46839630	0	0
FRMD7	TSS11684,TSS	chrX:131211015	0	0.0430911
CPSF4L	TSS15835	chr17:71244585	0	0
GS1-279B7.1	TSS21972	chr1:185292975	0	0.129616
HTR4	TSS25845,TSS	chr5:147830595	0	0
NAT8L	TSS12857	chr4:20612385	0.00104422	0.248878

ABCC3	TSS31868	chr17:48712217	0	0.0143949
NLRP12	TSS23070	chr19:54296854	0.360812	0.0872693
LOC284661	TSS18673	chr1:44721104	0	0
TFAP2D	TSS24759	chr6:50681256	0	0.0344674
EHHADH-AS1	TSS14034	chr3:184880688	0	7.66E-265
CLDN22	TSS33276	chr4:184239219	0	0
LL22NC03-63E	TSS8111	chr22:22901749	0.0708746	0
GABRA1	TSS16771,TSS	chr5:161274196	0	0.00787478
PACSIN1	TSS108,TSS17	chr6:34433837	0.0707806	0.399293
H3F3A	TSS6237	chr1:226250407	70.3489	3.13377
OR51E1	TSS27029	chr11:4665155	0	0
LRRC71	TSS1919	chr1:156890426	0	0.05368
LMX1A	TSS23344,TSS	chr1:165171106	0	0
SPATA4	TSS16273	chr4:177105724	0	0
LCN15	TSS18516	chr9:139654089	0	0
PEG3-AS1	TSS6625	chr19:57323847	0	0.0300221
FLJ46284	TSS1830	chr8:93725189	0	0
IP6K3	TSS8519	chr6:33689442	0	0
MT1JP	TSS4446	chr16:56669650	0	0
KCNQ2	TSS28696	chr20:62037547	0	0.179672
ENPP6	TSS10080	chr4:185009858	0.265476	0
CYP1B1-AS1	TSS6000	chr2:38358246	0.525594	0
LOC285768	TSS21650	chr6:96124017	0	0
ALPPL2	TSS21345	chr2:233271557	0	0
ADGRG3	TSS6013	chr16:57702156	0.599541	0.2063
LOC100128554	TSS30289	chr12:12692706	0	0
LINC01354	TSS30139	chr1:234663636	0	0
PRAMEF1	TSS10853,TSS	chr1:12851545	0	0
SPANXN3	TSS15928	chrX:142596566	0	0
OR6W1P	TSS2906	chr7:142759380	0	0
TRIM43B	TSS21010	chr2:96142714	0	0.0537712
BOC	TSS10704,TSS	chr3:112930317	0	4.48E-60
MAGED4	TSS26572	chrX:51927918	0.277362	0.212291
VNN1	TSS11519	chr6:133001996	0	0.166735
LHX8	TSS24910,TSS	chr1:75594118	0	0
C7orf33	TSS2091	chr7:148287656	0	0
TRIM43	TSS17749	chr2:96257765	0.238214	0.0553585
ADGRL3	TSS15213	chr4:62362838	0.0937953	0.0595664
HPX	TSS24435	chr11:6452267	0	0
VIP	TSS2497	chr6:153071937	0	0
SERTAD4-AS1	TSS9829	chr1:210404806	0	0
MAGI2-AS3	TSS13110,TSS	chr7:79082272	0	0
HNRNPCL1	TSS26926	chr1:12907229	0.657307	1.43E-14
TREML1	TSS12524	chr6:41116998	0.409267	0.0288272
C15orf38-AP3	TSS26545	chr15:90373830	2.26E-48	0.0406445
TEX35	TSS23001	chr1:178482217	0	0
TUSC3	TSS24168	chr8:15397595	0	0
TIGIT	TSS3827	chr3:114012836	0.416731	0.414768
C14orf39	TSS14608	chr14:60902676	0	0
LOC101929570	TSS2630	chr2:163625449	0.220805	0
LHX5-AS1	TSS26750	chr12:11390980	0	0
NAALADL2-AS1	TSS26373	chr3:174797107	0	0
PF4	TSS11373	chr4:74846541	0	0.0469045
OR8G5	TSS1155	chr11:12413476	0	0
C19orf81	TSS14116	chr19:51152707	0	0

FCER1A	TSS21945	chr1:15925950-	0	0.0107877
TMEM114	TSS11398,TSS	chr16:8619501-	0	0
PTPN14	TSS2599	chr1:21452203-	0.135052	0.0315888
DLG3-AS1	TSS14602,TSS	chrX:69672805-	0	0
FOLR3	TSS1038	chr11:7184677-	0	0
GRM7-AS2	TSS26419	chr3:6934323-	0	0
CD163	TSS3137	chr12:7623411-	0.994656	0.12557
DPP10-AS3	TSS16077	chr2:11558591-	0	0
TRPM4	TSS15972	chr19:4966101-	0	0.0277054
LHX6	TSS10783,TSS	chr9:12496485-	0	0
C7orf77	TSS12860	chr7:12441734-	0	0
LOC101927762	TSS33433	chr10:978965-	0	0
PRSS37	TSS29697	chr7:14153607-	0.283836	0
KLHL38	TSS21302	chr8:12465791-	0	0
TMEM207	TSS14789	chr3:19014644-	0	0
KRT19P2	TSS686	chr12:9522822-	0	0
FIGLA	TSS31512	chr2:71004441-	0	0
PON3	TSS9572	chr7:94989183-	0	0
PTPRD	TSS18966,TSS	chr9:8314245-	0.0173761	0.0246077
COL6A4P1	TSS4527	chr3:15206868-	0	0
SLC51B	TSS25712	chr15:6533770-	0	0
EMP2	TSS18939	chr16:1062227-	0.148667	0.140614
INS-IGF2	TSS33849	chr11:2150341-	0	2.13E-12
TUSC7	TSS14693	chr3:11642863-	0	0
VCX	TSS11410	chrX:7810302-	0	0
PTX3	TSS27176	chr3:15715457-	0	0.018227
PSORS1C3	TSS26307	chr6:31141511-	0	0.455601
CLDN5	TSS2904	chr22:1951054-	0	0
TAAR1	TSS31439	chr6:13296612-	0	0
AATK	TSS12806,TSS	chr17:7909109-	0.101646	0
GPR31	TSS10951	chr6:16757035-	0.840564	0
LOC101928791	TSS8796	chr14:8848494-	0	0
MFAP3L	TSS27589	chr4:17095292-	0	0
ARHGEF10	TSS24780	chr8:1772141-	0.219558	0.406563
SYT3	TSS12664,TSS	chr19:5112523-	0	0.138604
LINC01443	TSS25102	chr18:1494626-	0	0
IRX1	TSS23616	chr5:3596167-	0	0
MYL10	TSS10561	chr7:10125660-	0	0
UCP1	TSS21812	chr4:14148104-	0.100029	0.0387835
MCEMP1	TSS32880	chr19:7741942-	0	0
OOSP2	TSS506	chr11:5980774-	0	0
LOC102724776	TSS19998	chr4:15627536-	0	0
PCCA-AS1	TSS31003	chr13:1011166-	0	0
OriP_1	-	chrEBV(Akata_	0	0
SYNDIG1	TSS21181	chr20:2444983-	0.176935	0
AATK-AS1	TSS6785	chr17:7913930-	0	0
HOXA9	TSS10547	chr7:27202056-	0	0
LRRC30	TSS13053	chr18:7231136-	0	0
KCNK1	TSS5849	chr1:23374974-	0	0
RTL1	TSS13855	chr14:1013469-	0	0
LOC101927843	TSS2461	chr21:2338147-	0	0
C16orf47	TSS25802	chr16:7316053-	0	0
FAM3D	TSS16159	chr3:58619669-	0	0
IBSP	TSS3538	chr4:88720701-	0	0
CHST8	TSS26796,TSS	chr19:3411286-	0	0

BSX	TSS26684	chr11:1228483	0	0
LRCOL1	TSS24593	chr12:1331797	0	0
DCN	TSS17223,TSS	chr12:9153903	0	0
CDR1	TSS29596	chrX:13986542	0	0
RIN2	TSS30053,TSS	chr20:1986716	0	1.0605
OLAH	TSS9008	chr10:1508589	0	0
SOSTDC1	TSS19007	chr7:16501105	0	0
HTR3E	TSS13173,TSS	chr3:18381485	0	0
DPYSL4	TSS25944	chr10:1340004	0.310365	0.189691
ALDH1L1	TSS2268,TSS2	chr3:12582240	0	0
MRVI1	TSS23654,TSS	chr11:1059463	0.126999	0.06359
LINC01517	TSS29474	chr10:2903257	0	0
XKR3	TSS14022	chr22:1726430	0.550577	0
SNORA71D	TSS18484	chr20:3706250	0	0
LOC101926897	TSS14297	chr13:5873996	0	0
PCDHA4	TSS60	chr5:14018665	0	0
EFCAB6-AS1	TSS29242	chr22:4391213	0	0
PMCH	TSS30614	chr12:1025902	0.348876	1.62E-07
C10orf105	TSS11407,TSS	chr10:7347145	0	0.014111
TMEM26	TSS23895	chr10:6316640	0	0.0129369
LINC00619	TSS21193	chr10:4434075	0	0
LOC101927379	TSS14033	chr5:12196464	0	0.543511
LINC01512	TSS29329	chr6:43858764	0	0
BNLF2b_1	-	chrEBV(Akata_	0.219399	3.37143
TNNT1	TSS30221	chr19:5564406	0	0.0638823
LOC102467212	TSS23325	chr5:10286413	0	0
CCL15-CCL14	TSS1555	chr17:3431069	2.71E-06	2.33E-06
PDX1-AS1	TSS7848	chr13:2840389	0	0.105545
PSG1	TSS10066,TSS	chr19:4337061	0	0
LOC101927854	TSS1603	chr3:24192814	0	0
DDX53	TSS16092	chrX:23018077	0	0
MIR631	TSS23295	chr15:7564595	0	0
DNAJB8-AS1	TSS2222	chr3:12818243	0	0
PLA2G5	TSS13425	chr1:20396700	0	0
FAM90A27P	TSS13434	chr19:5378554	0	0
SNAR-E	TSS7327	chr19:4733384	0	0
LINC00428	TSS12169	chr13:4341654	0	0
RNF128	TSS27637,TSS	chrX:10593706	0	0
FAM157C	TSS13764	chr16:9016867	0.358688	0.359105
HOXD12	TSS17427	chr2:17696452	0	0
LINC01413	TSS14422	chr15:5761133	0	0
MYO16	TSS3598,TSS7	chr13:1092484	0.0683811	0
LCE6A	TSS18002	chr1:15281532	0	0
IL17RD	TSS26880	chr3:57124009	0	0
C11orf52	TSS15098	chr11:1117896	0	0
LMX1B	TSS22812	chr9:12937672	0	0
GPR142	TSS26633	chr17:7236364	0	0
CEACAM20	TSS22263	chr19:4501021	0	0
C4orf17	TSS18411	chr4:10043216	0	0
MAGEA9	TSS3913	chrX:14886359	0.200004	0
SCNN1B	TSS17337	chr16:2331359	0.102929	0.0398439
CD14	TSS3036,TSS7	chr5:14001131	0.340662	0.427329
KCNA10	TSS20115	chr1:11105983	0	0
KLK13	TSS1511	chr19:5155946	0	0
MIR5194	TSS2537	chr8:13102057	0	0

ALDH1L1-AS1	TSS4269	chr3:12582248-	0	0
C14orf177	TSS13641	chr14:9917794-	0	0
GDF6	TSS14925	chr8:97154557-	0	0
EWSAT1	TSS10536	chr15:6937318-	0	0
CAV3	TSS1890	chr3:8775485-	0	0
CAMK2A	TSS33901	chr5:14959905-	0	0.0891582
CHN1	TSS15472,TSS	chr2:17566404-	0.398875	0.0821921
BRINP2	TSS3912	chr1:17714052-	0	0
PLAC4	TSS6744	chr21:4254715-	0.152514	0.0491677
CTD-2151A2.1	TSS14434	chr5:98869693-	0.577326	0
VRTN	TSS29415	chr14:7481516-	0	0.0297961
LOC283585	TSS8670	chr14:8737212-	0	0
KIAA1755	TSS13950	chr20:3683890-	0	0
LINC01202	TSS18632	chr5:16133746-	0	0
OR1F1	TSS22398	chr16:3254246-	0	0
LINC01508	TSS20941	chr9:93063177-	0	0
LOC729739	TSS28305	chr15:7465389-	0	0
SNTG2	TSS7754	chr2:946553-1-	0	0
FAM162B	TSS9812	chr6:11707335-	0	0
CLDN8	TSS1992	chr21:3158632-	0	0
CACNA1D	TSS23060	chr3:53529075-	0	0.137498
TSHZ2	TSS27581,TSS	chr20:5158894-	0.228948	0.101332
FLJ42969	TSS8862	chr8:10206428-	0	0
TBX5	TSS32248,TSS	chr12:1147917-	0	0
BICC1	TSS17401	chr10:6027290-	0	0.0669129
LOC653786	TSS2340	chr16:2255701-	0.144861	0.0129403
KRT76	TSS17556	chr12:5316193-	0	0
GJB1	TSS26576,TSS	chrX:70435061-	0	0
C5orf46	TSS208	chr5:14727227-	0	0
HOXB13	TSS30296	chr17:4680212-	0	0
CXCL8	TSS534	chr4:74606222-	3.98363	2.37194
HOXD11	TSS8610	chr2:17697208-	0	0.00415235
PACRG-AS1	TSS8401	chr6:16373101-	0	0.0164012
FCGR1C	TSS5337	chr1:14936929-	0.627351	0.0485441
ELAVL2	TSS16310,TSS	chr9:23690102-	0	0.0640321
MSGN1	TSS32502	chr2:17997785-	0	0.389743
C3orf56	TSS14773	chr3:12691197-	0	0
ALAS2	TSS31139	chrX:55035487-	0	0.0553663
PLK5	TSS6355	chr19:1524072-	0	0
OR8I2	TSS4397	chr11:5586078-	0	0
MIR6821	TSS27052	chr22:5035651-	0	0
KHDC3L	TSS3953	chr6:74072399-	0	0
TFF2	TSS19374	chr21:4376646-	0	0
BGLF2_1	-	chrEBV(Akata_	0	0.922123
LOC158435	TSS12349	chr9:98828120-	0	0
LOC101929427	TSS11767,TSS	chr11:1265226-	0	0
FABP2	TSS4874	chr4:12023840-	0	0
HOTTIP	TSS5005	chr7:27240039-	0	0
SH3PXD2A-AS1	TSS18641	chr10:1055065-	0	0
ARL14EPL	TSS27833	chr5:11538716-	0.0350567	0.499318
P2RY14	TSS18851,TSS	chr3:15092990-	0	0.0874045
Repeat_family_t-	-	chrEBV(Akata_	0	10.4265
GSTA3	TSS30801	chr6:52761438-	0	0
BVES	TSS16013,TSS	chr6:10554469-	0.0514376	0.0122446
CTD-3080P12.	TSS15165	chr5:1173210-	0	0

DDC-AS1	TSS31091	chr7:50599456-	0	0
LOC101929607	TSS10041	chr3:107149776-	0	0
VAX1	TSS32422	chr10:11888800-	0	0
LOC101928417	TSS31019	chr16:82986834-	0	0
SMAD1-AS1	TSS15689	chr4:146435729-	0	0
TPTE2P3	TSS27214	chr13:53063127-	0	0
KCNQ3	TSS22323,TSS	chr8:133133104-	0.051466	0
ASTN1	TSS27335	chr1:176826440-	0.00581839	0
LOC101928441	TSS21199	chr12:23328569-	0	0
DIO2	TSS13272,TSS	chr14:80663867-	0	0.0323862
LOC440895	TSS30794	chr2:111160495-	0	0
LINC00939	TSS10826	chr12:12644320-	0	0
LOC101929572	TSS24875	chr14:19563127-	0.0272082	3.53E-30
CPA3	TSS6115	chr3:148583042-	0.164847	0
IMPG1	TSS28233	chr6:76630830-	0	0
SNORD67	TSS32485	chr11:46783938-	355.285	0
KLHL1	TSS19243	chr13:70274724-	0.010969	0.0125573
DDX11L1	TSS16932	chr1:11873-144-	0.161381	0
MIR210	TSS26093	chr11:568088-5-	0	0
CAPNS2	TSS8787	chr16:55600580-	0	0
BPLF1_1	-	chrEBV(Akata_	0	2.74E-12
OR10Q1	TSS11051	chr11:57995350-	0	0
ANO3	TSS10746	chr11:26353670-	0.0722717	0.039148
LOC100507534	TSS21989	chr16:47883224-	0	0
DUSP15	TSS23395,TSS	chr20:30448869-	0.491652	0
SOX1	TSS28602	chr13:11272197-	0.137525	0.0409375
TBX4	TSS19496	chr17:59533806-	0	0
CLRN1	TSS10699,TSS	chr3:150643949-	0	0
CST5	TSS33293	chr20:23856577-	0	0
CLPS	TSS7796	chr6:35762758-	0	0
LOC101928739	TSS25893	chr3:178819158-	0	0
FOXF2	TSS16751	chr6:13900687-	0	0.175766
CERS1	TSS23146,TSS	chr19:18979354-	0	0
FAM69C	TSS4024	chr18:72102962-	0	0
TDO2	TSS21730	chr4:156824844-	0	0
DCDC2C	TSS9515	chr2:3751181-5-	0	0.00306922
LOC105755953	TSS17998	chr10:8939951-	0	0
SIGLEC14	TSS39	chr19:52145805-	1.84211	0.667617
LOC100129027	TSS600	chr21:47247754-	0	0
PDE10A	TSS25500	chr6:165740775-	0	0
C8B	TSS13185	chr1:57394882-	0	0
LOC101928509	TSS4193	chr4:175015810-	0	0
GFPT2	TSS19235	chr5:179727695-	0	0.0226941
FBXO27	TSS27802	chr19:39514662-	0.190082	0
OVCH2	TSS30452	chr11:7711154-	0	0
SSX8	TSS21280	chrX:52651984-	0	0
OR1D4	TSS9827	chr17:3143969-	0	0
MIR4999	TSS32433	chr19:8454173-	0	0
AVPR1B	TSS164	chr1:206224282-	0	0.0402023
DCAF12L1	TSS12102	chrX:125683361-	0	0
KRT13	TSS15072	chr17:39657232-	0	0
PIWIL1	TSS8739	chr12:13082240-	0	0.0376969
LOC101929528	TSS25285	chr8:59168329-	0	0
NRG1	TSS10810,TSS	chr8:31497267-	0	0.0177457
H19	TSS14881,TSS	chr11:2016405-	0	0.103802

S100A12	TSS22766	chr1:153346180	6.10871	0.540735
ADCYAP1R1	TSS23658	chr7:31092075-	0.0665866	0.0566781
SHANK2	TSS18879,TSS	chr11:70313960	0	0.0242594
OR56A4	TSS25560	chr11:6023280-	0	0
BLLF1-splice_v-	-	chrEBV(Akata_	0	0.000129655
EPHA2	TSS3205	chr1:16450831-	0	0.17846
FLJ46066	TSS4825	chr3:18216475-	0	0.0196961
SNORD1B	TSS31653	chr17:74557180	0	0
SCARNA4	TSS4187	chr1:155895740	162.756	0
C8orf74	TSS3053	chr8:10530146-	0	0
CSH2	TSS4751	chr17:6194937-	0	0
RASSF9	TSS27965	chr12:86198330	0	0
BVES-AS1	TSS22697	chr6:10558556-	0	0
CCDC37-AS1	TSS17238	chr3:126111870	0	0
LOC101927305	TSS27904	chr4:132685990	0	0
OR6C76	TSS31355	chr12:5582003-	0	0.12556
MC3R	TSS22015	chr20:5482378-	0	0
TDGF1	TSS21827,TSS	chr3:46616044-	0.0626506	0.0080855
GAS2L1	TSS29140	chr22:29702980	0.0499761	0.0949886
UPK3A	TSS10584	chr22:4568086-	0	0
FCGR1A	TSS31728	chr1:149754240	0.368285	0.0507773
ISL1	TSS30105	chr5:50678957-	0	0
COL12A1	TSS13889	chr6:75794041-	0	0
NLRP5	TSS22482	chr19:5651109-	0	0
MIR7161	TSS21505	chr6:159030730	0	0
WFDC10A	TSS2791	chr20:44258380	0	0
LINC00892	TSS32359	chrX:13572170	0	0
LOC101927526	TSS9729	chr22:44839200	0	0
MIR146A	TSS5652	chr5:159912350	0	0
VCY	TSS17027	chrY:16097651-	0	0
VCY	TSS17686	chrY:16168097-	0	0
LOC101927575	TSS12782	chr9:86678357-	0	0.0175239
NPHS2	TSS31981	chr1:179519670	0	0
POU2F3	TSS12192,TSS	chr11:12010730	0	0
OR8A1	TSS18449	chr11:12443990	0	0
SLCO6A1	TSS26827	chr5:101707480	0	0
NEU4	TSS2261,TSS3	chr2:242750150	0	0.189756
LOC101927123	TSS26418	chr3:127041140	0	0
BFRF1_1	-	chrEBV(Akata_	0	2.56E-05
PCDHA13	TSS33503	chr5:140261850	0	0
FAR2P2	TSS13849	chr2:131174320	0.101571	0.373139
NOS1	TSS15904,TSS	chr12:11764590	0.0235891	0.0243346
IGFBP3	TSS6480	chr7:45951843-	0	0
ITGA2B	TSS17051	chr17:42449540	0	0
WFDC5	TSS2068	chr20:43738090	0	0
NAV3	TSS3055	chr12:78225060	0	0.0134465
ITGBL1	TSS15142,TSS	chr13:10210490	0	0.620212
ARPP21	TSS13999,TSS	chr3:35680665-	0	0.0466001
LOC100129434	TSS29376	chr2:56400668-	0.0174381	0.00506754
LINC01387	TSS6348	chr18:6511414-	0	0
KIAA1456	TSS25547,TSS	chr8:12803182-	0	0.0185478
STAC	TSS25669	chr3:36421978-	0	0
CPZ	TSS5055	chr4:85943860-	0	0
SSX4	TSS31249	chrX:48261523-	0	0
LOC102467147	TSS13405	chr5:55753621-	0	0.462951



FAM110D	TSS12556	chr1:26485510-	0	0.0475862
PRKAG3	TSS31762	chr2:21968710-	0.234622	0
LINC01361	TSS12921,TSS	chr1:83439565-	0.276565	0.023802
FCGR1B	TSS4459	chr1:12092612-	0.190553	0.04009
GCGR	TSS13521	chr17:7976200-	0	0
HTR5A-AS1	TSS251	chr7:15485877-	0	0
KCNV1	TSS33870	chr8:11097923-	0	0
SLC9A4	TSS22321	chr2:10308976-	0	0
CNTN1	TSS10687,TSS	chr12:4108624-	0	0.144878
MIR378I	TSS32178	chr22:4231922-	0	32744.8
ANKRD34C	TSS3556	chr15:7957514-	0	0
PSAPL1	TSS8668	chr4:7432020-	0	0
PRKG1-AS1	TSS32628	chr10:5405660-	0	0
OR2V1	TSS21195	chr5:18055135-	0	0
MIR4800	TSS30827	chr4:2251803-	0	0
AWAT2	TSS5234	chrX:69260391-	0	0
ADRB3	TSS17291	chr8:37820513-	0	0
TSLP	TSS17900,TSS	chr5:11040577-	0	0.0287642
NLRP3	TSS16609,TSS	chr1:24757945-	0.260424	0.262908
CYS1	TSS10707	chr2:10196925-	0.3267	0.151753
BMX	TSS20473,TSS	chrX:15518899-	0.171176	0.0228451
TAAR8	TSS25530	chr6:13287383-	0	0
CYP2B6	TSS4550	chr19:4149720-	0	0.0335572
RGS7BP	TSS26339,TSS	chr5:63801773-	0	0
FN1	TSS31121,TSS	chr2:21622516-	0.102496	0.0922465
BLRF2_1	-	chrEBV(Akata_	0	1.29475
NXPH2	TSS7453	chr2:13942672-	0	0
CNTNAP3P2	TSS10926	chr9:43685195-	0.0220224	0.0940288
SCARNA8	TSS1295	chr9:19063653-	0	0
C8orf22	TSS28903,TSS	chr8:49966894-	0	0
KLHL30	TSS16540	chr2:23904736-	0	0
PLA2G4A	TSS24322	chr1:18679803-	0	0.16891
LOC100132062	TSS14025	chr1:323891-3-	0.884208	0.000125438
MUM1L1	TSS11642	chrX:10541229-	0	0
HTR1B	TSS16728	chr6:78171947-	0.04142	0
MIR3180-5	TSS30116	chr16:2185977-	0	0
SV2B	TSS23228,TSS	chr15:9164318-	0	0.00304202
LINC00475	TSS22725	chr9:94903748-	0	0
LOC101928307	TSS14496	chr6:69342554-	0	0
FOXP3	TSS13049	chrX:49106896-	0	0.061184
CHRND	TSS24663	chr2:23339086-	0	0
LINC00518	TSS6239	chr6:10428017-	0	0
LINC00470	TSS28460	chr18:1268311-	0	0.0374671
LINC00603	TSS8828	chr5:40052392-	0	0
HPYR1	TSS20810	chr8:13357274-	0	0
COL3A1	TSS16169	chr2:18983909-	0	0
TBX2	TSS32688	chr17:5947725-	0	0.0401735
COL27A1	TSS25644	chr9:11691782-	0.0054553	0.223718
LOC101927196	TSS13729,TSS	chr2:18658460-	0	0
INSL5	TSS28431	chr1:67263423-	0	0
LOC101927694	TSS2540	chr12:1286027-	0.307899	0
FABP12	TSS26563	chr8:82437280-	0	0
SPAG11A	TSS26361	chr8:7705401-	0	0
SCGB1D1	TSS30407	chr11:6195770-	0	0
LRRRC31	TSS18797	chr3:16955702-	0	0

NCAM1-AS1	TSS4602	chr11:11314025	0	0
P3H2	TSS3967,TSS8	chr3:189674516	0	0.000850315
ADCYAP1	TSS13749,TSS	chr18:904943-9	0	0
LINGO4	TSS10024	chr1:151772739	0	0
EGFR-AS1	TSS8082	chr7:55247442-	0	0
LOC101927282	TSS33406	chr4:130645325	0	0
CT47A4	TSS26203	chrX:120096880	0	0
MAP1LC3C	TSS25917	chr1:24215879-	0	0
OR1E2	TSS32627	chr17:3336163-	0	0
MAOA	TSS28119	chrX:43514154-	0	0
SERPINE1	TSS30088	chr7:100770369	0.289601	0.0320246
MAGEB4	TSS619	chrX:30260056-	0	0
LYPD2	TSS27275	chr8:14383162-	0	0
MGAM2	TSS6685	chr7:141811548	0	0
LINC00934	TSS25946	chr12:11972162	0	0
CGNL1	TSS32375	chr15:57668702	0.183152	0.0274272
TAAR9	TSS22983	chr6:132859426	0	0
BEAN1-AS1	TSS17672	chr16:66503698	0	0
PKHD1	TSS29704	chr6:51480144-	0	0.00200765
CDRT7	TSS33492	chr17:1493429-	0	0.646526
LOC101928539	TSS13840	chr5:57186157-	0	0.0827785
TNFRSF18	TSS32145	chr1:1138887-	5.48599	4.8461
OR51I1	TSS29434	chr11:5461771-	0	0
CCDC185	TSS24989	chr1:223566714	0	0.0055719
ADH1A	TSS11206	chr4:100197522	0	0
KCNE4	TSS30237	chr2:22391664-	0	0
CXCL5	TSS12956	chr4:74861358-	0	0.0625742
LINC01085	TSS32373	chr4:14113591-	0	0
C1orf141	TSS6140	chr1:67557858-	0	0
MIR3663HG	TSS33239	chr10:11891306	0.0188279	0.571791
LINC01455	TSS19662	chr5:79232401-	0	0
BDLF1_1	-	chrEBV(Akata_	0	0.645876
MAGEA9	TSS20189	chrX:148663306	0.200004	0
ZBED2	TSS13519	chr3:111311746	0.921303	1.20483
SCARNA27	TSS26597	chr6:8086640-8	0	0
MRAP2	TSS22339	chr6:84743419-	0.264854	0.010517
C15orf59-AS1	TSS28748,TSS	chr15:74060426	0	0.0862662
MIR570	TSS16082	chr3:19542627-	0	0
GAGE2B	TSS23185	chrX:49235707-	0	0
CCDC162P	TSS17194	chr6:109615505	0	0
WASIR2	TSS6729	chr16:72915-75	0.287337	1.33674
LINC00559	TSS33480	chr13:90712506	0.293119	0
LINC01571	TSS15508	chr16:51796425	0	0
SIRPB2	TSS4451	chr20:1455235-	0.228463	0.0680301
GEM	TSS21034	chr8:95261484-	1.20597	0.186774
WT1	TSS27725,TSS	chr11:3240932-	0	0
LOC101929412	TSS30123	chr5:10493638-	0	0
CFB	TSS13028	chr6:31913720-	0	0
LAMP5-AS1	TSS32848	chr20:9485826-	0	0
FUT9	TSS3044	chr6:96463844-	0	0
PRG1	TSS33768	chr19:4385320-	0	0
LOC400661	TSS30198	chr18:74401985	0.115257	0
LOC101927926	TSS13198	chr2:78143059-	0	0
PGA4	TSS31461	chr11:60989802	0	0
FNDC4	TSS15984	chr2:27714749-	0	0

OR2A25	TSS25503	chr7:143771314	0	0
KRTAP26-1	TSS22653	chr21:31691449	0	0
PTENP1-AS	TSS27284	chr9:33677265-	0	0
THY1	TSS646	chr11:11928865	0	0.00482438
GAGE12I	TSS12491	chrX:49216676-	0	0
LIX1	TSS10285	chr5:96427573-	0	0.11888
LOC283045	TSS20245	chr10:64099346	0	0.078908
LINC00698	TSS22465	chr3:63088363-	0	0
HTR5A	TSS25618	chr7:154862030	0	0
OR9K2	TSS32268	chr12:55523552	0	0
DNAAF1	TSS4505	chr16:84178864	0.238832	0
IFNA13	TSS1317	chr9:21367370-	0	0
SGSM1	TSS9115	chr22:25202187	0	0.034511
SDC1	TSS15646,TSS	chr2:20400557-	0.151141	0
ADAMTS1	TSS26956	chr21:28208609	0.00929795	0.00719573
TINAG	TSS33767	chr6:54173202-	0	0
ECRP	TSS31246	chr14:21387499	0	0
DPRX	TSS28649	chr19:54135309	0.0865514	0.0672379
C17orf105	TSS21164	chr17:41857802	0	0
SVOPL	TSS22910,TSS	chr7:138279029	0.00553794	0
DAZL	TSS17462,TSS	chr3:16628300-	0	0.0560007
C15orf26	TSS31470	chr15:81426649	0	0
KITLG	TSS24849	chr12:88886569	0	0.0248535
PTF1A	TSS30181	chr10:23481459	0	0
NMUR2	TSS5977	chr5:151771107	0	0.153139
ADAMTS19	TSS6017	chr5:128796102	0	0
KRTAP1-5	TSS2520	chr17:39182278	0	0
GJA5	TSS21744,TSS	chr1:147228337	0.125463	0
SNAR-G1	TSS1503	chr19:49540276	0	14.0934
CAND1.11	TSS26936	chr11:10329859	0	0
SNORD19B	TSS4596	chr3:52724753-	84.9881	0
LINC01142	TSS5346	chr1:170240549	0	0
LINC01549	TSS30382	chr21:18811207	0	0.178243
UMODL1	TSS18147,TSS	chr21:43483067	0	0.0205449
LINC00446	TSS33199	chr13:78587017	0	0
2-Mar	TSS20016	chr1:220921679	2.19353	1.63038
ANKRD66	TSS13893	chr6:46714653-	0	0
ZNF365	TSS16039,TSS	chr10:64133919	0.0103171	0.108502
LIPF	TSS8620	chr10:90424149	0.247417	0
TMEM246-AS1	TSS20711,TSS	chr9:104230720	0	0
FZD10-AS1	TSS24384	chr12:13063619	0.178112	0
GCG	TSS3668	chr2:162999378	0	0
OR52B2	TSS17248	chr11:6190584-	0	0
C4BPB	TSS104,TSS15	chr1:207262186	0.265671	0
LOC102725079	TSS15130	chr2:213660054	0	0
LOC101927120	TSS4483	chr11:56615959	0	0
CADM2-AS2	TSS32055	chr3:85849136-	0	0
LYPD1	TSS22192,TSS	chr2:133402336	0	8.25E-08
LOC100507377	TSS1220	chr12:74526959	0	0
GP1BB	TSS26297	chr22:19711069	0	0.122535
MCHR2-AS1	TSS32194	chr6:100441919	0	0
ATXN8OS	TSS8922	chr13:70681344	0	0
PDZRN3-AS1	TSS26843	chr3:73672718-	0	0
MIR6736	TSS6871	chr1:145584429	0	0
FOXQ1	TSS10883	chr6:1312674-	0	0.0349954

DNASE2B	TSS30520,TSS	chr1:84864214-	0	0
ADAM29	TSS6222	chr4:175839508	0	0
AOC1	TSS24318	chr7:150549564	0	0
INSL4	TSS32510	chr9:5231418-5	0	0
UG0898H09	TSS24661	chr8:63890419-	0	0.0469339
GABRD	TSS21788	chr1:1950767-1	0	0
LOC101927847	TSS21456	chr9:92731697-	0	0
NLRP4	TSS15331	chr19:56347940	0	0.0276033
PDK4	TSS2413	chr7:95212808-	0.613612	0.438401
FFAR2	TSS14253	chr19:35940616	1.29291	0.0513444
COL4A5	TSS20996	chrX:107683070	0	0.0152604
SEMA6D	TSS250,TSS62	chr15:47476400	0	0
GAB2	TSS20645,TSS	chr11:77926330	5.71058	3.73457
LINC01267	TSS15145	chr3:14389950-	0	0
LINC00858	TSS371	chr10:86039730	0	0
CLRN3	TSS33889	chr10:1296761-1	0	0
C1orf111	TSS22394	chr1:162343514	0	0
LOC101929095	TSS15515	chr4:15006565-	0	0
MAPT-IT1	TSS10867	chr17:43973148	0	0
BECN2	TSS17653	chr1:242121068	0	0
SLC10A2	TSS5651	chr13:10369634	0	0
LOC101929517	TSS28551	chr11:12839600	0	0
OR4F4	TSS5821	chr15:10246234	0	0
LOC390705	TSS17831	chr16:32300860	0	0.0487138
LOC390705	TSS31111	chr16:33298260	0	0.0487138
FAM90A10P	TSS21775	chr8:7627105-1	0	0.0370488
LINC01350	TSS31843	chr1:18552751-1	0	0
UTAT33	TSS27594	chr2:105713500	2.74E-09	1.10E-08
PRR26	TSS20910,TSS	chr10:695887-1	0	0.0241647
MS4A18	TSS29117	chr11:6049148-1	0	0
LOC200726	TSS4515	chr2:20750714-	0	0
PTGER3	TSS27970	chr1:71318035-	0	0
FHL5	TSS2280	chr6:97010423-	0	0
CCHE1	TSS10590	chr10:60933720	0	0
OR2H1	TSS5627	chr6:29426229-	0	0
LINC01430	TSS554	chr20:43077416	0	0
SDR16C5	TSS381	chr8:57212569-	0.71175	0.224884
POTEH-AS1	TSS24875	chr14:1956371-1	0	0.0626613
IQCG	TSS8356,TSS9	chr3:197615940	1.65259	1.62456
MRGPRF-AS1	TSS6469	chr11:6877982-1	0	0
LINC01533	TSS14275	chr19:32516760	0	0
PPAP2B	TSS21446	chr1:56960418-	0.583993	0.482863
LINC01285	TSS13288	chrX:117973510	0	0
EEF1A2	TSS7932	chr20:62119364	0.883483	0.666633
BRINP3	TSS29023	chr1:190066796	0	0
CCL1	TSS20762	chr17:32687346	0	0
SLC38A3	TSS18548	chr3:50242678-	0	0
PCAT5	TSS6595	chr10:36067220	0.0246467	0.00953848
TM6SF2	TSS29426	chr19:19375170	0	0
OLIG1	TSS30208	chr21:34442440	0	0
DCSTAMP	TSS28118	chr8:105352020	0	0
LOC100192426	TSS19874	chr18:8360817-	0	0
KCNJ2-AS1	TSS2865	chr17:6816310-1	0	0
JRKL-AS1	TSS31834	chr11:96176440	0	0
SLC22A10	TSS25366	chr11:63057420	0	0

FAM47E-STBC	TSS25479	chr4:77172852-	0	5.17E-08
CHRD	TSS13740	chr3:184097860	0	0
GPR161	TSS12042,TSS	chr1:168048779	0.409901	0.0766285
LOC101928191	TSS20210	chr6:10932549-	0	0
BCAM	TSS16624	chr19:45312319	0	0
TJP1	TSS17994,TSS	chr15:29991570	0	0.0174795
ZNF649-AS1	TSS6187	chr19:52391277	7.16E-07	1.11E-07
FAM155A-IT1	TSS18165	chr13:10843970	0	0
SYPL2	TSS11998	chr1:110009099	0.0461688	0
LOC101928012	TSS3992	chr7:112262439	0	0
CAV2	TSS14597,TSS	chr7:116139654	0	0.0353944
C1orf167	TSS13486	chr1:11822249-	0	0
MYADML	TSS7181	chr2:33951127-	0.0209465	0.00540659
POU4F2	TSS4941	chr4:147560044	0	0
KCNK2	TSS2014,TSS3	chr1:215178884	0	0.00494402
OR52I2	TSS33986	chr11:4608020-	0	0
FLJ37505	TSS29497	chr12:12836610	0	0
SLC22A24	TSS32668	chr11:62847417	0	0
PRR23A	TSS9280	chr3:138722800	0	0
TRPM1	TSS16011,TSS	chr15:31293260	0	0
PLAC1	TSS351	chrX:133699870	0	0
DSG2-AS1	TSS20542	chr18:29122108	0	0
FGF10-AS1	TSS12676	chr5:44388833-	0	0
LOC101929123	TSS32119	chr4:17173379-	0.0271524	0
CAMK1G	TSS7988	chr1:209757044	0	0
SLC35F3	TSS19564,TSS	chr1:234040457	0	0.00136879
LOC101928259	TSS23231	chrX:71908798-	0	0
PF4V1	TSS159	chr4:74719012-	0	0.056323
GAGE2A	TSS29019,TSS	chrX:49197581-	5.51E-06	0
LOC101928211	TSS12551	chr7:123977430	0	0
LAMA4	TSS15941	chr6:112429130	0	0
ST8SIA2	TSS8238	chr15:92937139	0	0
METTTL24	TSS22891	chr6:110567148	0	0.00864594
ASB10	TSS3802,TSS8	chr7:150872784	0	0
OR52B4	TSS1576	chr11:4388492-	0	0
DEFB4A	TSS9277	chr8:7752086-	0	0
PPY	TSS717	chr17:4201817-	0	0
LRRC55	TSS12727	chr11:56949220	0	0
BCO1	TSS16758	chr16:81272299	0	0
PSG2	TSS27642	chr19:43568367	0	0
CPA6	TSS20147	chr8:68334404-	0.00126295	0.027876
OTOA	TSS10352,TSS	chr16:21689834	0.255107	0.0174259
LINC00111	TSS16283	chr21:43099467	0	0.112643
LCN8	TSS20753	chr9:139648839	1.16488	0.0860511
OR2A5	TSS31929	chr7:143747494	0	0
TMPRSS11D	TSS32889	chr4:68686593-	0.00398387	0.024673
LINC00383	TSS18590	chr13:69796477	0	0
TTC6	TSS29640	chr14:38064400	0	0
LBX1-AS1	TSS30390	chr10:10298939	0	0
LINC01020	TSS21882	chr5:5034471-	0	0
SAMSN1-AS1	TSS22443	chr21:15954522	0	0
PRR23D1	TSS30865	chr8:7397148-	0	0
LINC00523	TSS21038	chr14:10112360	0	0
MB	TSS24091,TSS	chr22:36002810	0	0
FAM157B	TSS33481	chr9:141106630	0.487881	0.197013

UBTFL1	TSS18281	chr11:89819117	0	0
PLCE1-AS2	TSS15261	chr10:95841706	0	0
LINC01563	TSS22780	chr17:20978868	0	0
PTPN13	TSS19836	chr4:87515467-	0.042643	0.887253
LINC00552	TSS3804	chr13:11445148	0.155545	0.0267609
LINC00486	TSS19780,TSS	chr2:33050509-	0	0
KIR2DS4	TSS28692	chr19:55344130	0	0
OR6K3	TSS22680	chr1:158686957	0	0
DOK5	TSS1250,TSS8	chr20:53092010	0	0.0443263
PIWIL3	TSS19861	chr22:25115000	0	0
OR52A5	TSS32386	chr11:5152921-	0	0
SSX6	TSS1904	chrX:47967366-	0	0
TMEM92-AS1	TSS26949	chr17:48358947	0	0
EGR1	TSS15808	chr5:137801180	2.06407	1.29343
LOC101927577	TSS2989	chr2:66924161-	0	0.233167
CDH13	TSS26181	chr16:82660398	0.0114331	0.059014
DSG1-AS1	TSS10312,TSS	chr18:28923330	0	0
TTY11	TSS10541	chrY:8651358-1	0.0629197	0
GAGE2D	TSS22411	chrX:49226137-	0	0
LOC101928137	TSS3196	chr12:73552969	0	0.0296555
OR7A17	TSS16682	chr19:14991237	0	0
CD276	TSS20479	chr15:73976627	0.0377009	0.0399125
SPANXD	TSS29859	chrX:140785557	0	0
SCN9A	TSS32156	chr2:167051690	1.19E-08	1.20E-08
LOC101928306	TSS33345	chr4:49225347	0	0
LRP1B	TSS3117	chr2:140988995	0.00254809	0.00258463
LOC101927501	TSS16096	chrX:43036242-	0	0
SYNPR-AS1	TSS9892	chr3:63409271-	0	0
TTPA	TSS10334	chr8:63972047-	0	0.0261852
TRIM15	TSS33397	chr6:30130982-	0	0
LINC01033	TSS19378	chr5:53616773-	0	0.00916073
STMND1	TSS17321	chr6:17102488-	0	0
LOC101929592	TSS4128	chr1:44175075-	0	0
HOTAIR	TSS14771,TSS	chr12:54356097	0	0
PLA2G2A	TSS11162,TSS	chr1:20301923-	0	0
LOC101926908	TSS17232	chr8:73644279-	0	0
CTGF	TSS11737	chr6:132269310	0.478916	0.11866
DFNB31	TSS19466,TSS	chr9:117164359	2.437	1.39765
TRIM67	TSS8500	chr1:231298670	0	0.0454146
LINC00602	TSS19357	chr6:166401038	0	0
LINC00544	TSS17820	chr13:30510667	0	0
WFIKK2	TSS24671	chr17:48912604	0	0
PRR23D1	TSS31106	chr8:76361127-	0	0
LINC00636	TSS30062	chr3:107602057	0	0.0850565
PGA3	TSS24612	chr11:60970960	0	0
SEMG1	TSS33999	chr20:43835637	0	0
FAM132B	TSS956	chr2:239067648	0	0.023599
ZFH4-AS1	TSS23066	chr8:77523113-	0	0
NOVA1	TSS14830	chr14:26915088	0	0.0613911
PCDHA6	TSS6712	chr5:140207500	0	0.0801829
FREM3	TSS3223	chr4:144498560	0	0.014992
DPT	TSS15008	chr1:168664694	0	0
DCX	TSS28315,TSS	chrX:110537000	0	0.0504873
TEX11	TSS24063	chrX:69748789-	0	0
KIAA0408	TSS14914	chr6:127759550	2.10E-07	8.14E-06

LINC00368	TSS2260	chr13:11174818	0	0.00985015
FAM180A	TSS14044	chr7:13541434	0	0.0592692
MBD3L1	TSS9934	chr19:8953268	0	0
SLC5A8	TSS33623	chr12:1015499	0	0.0931156
GLOD5	TSS13908	chrX:48620153	0	0
LOXL1-AS1	TSS10424,TSS	chr15:7420980	0	0
OR2L8	TSS8293	chr1:24811215	0	0
CDY1	TSS29673	chrY:26191376	0	0
LINC01416	TSS12449	chr18:5354891	0.233418	0
GPR37	TSS2031	chr7:12438565	0	0
PI3	TSS2744	chr20:4380353	0	0.501556
PP12613	TSS1832	chr4:12268573	0	0
SPANXN4	TSS17176	chrX:14211370	0	0
TP53TG3B	TSS24890	chr16:3268484	0	7.11E-19
GAGE12C	TSS25227	chrX:49325444	1.74E-10	0
TUB-AS1	TSS10863	chr11:8081584	0	0.107772
LOC10012917	TSS9320	chr2:21986693	0	0.00538874
HEMGN	TSS10723,TSS	chr9:10068907	0	0.0619447
MT1B	TSS15753	chr16:5668581	0	0
HAO2	TSS10213	chr1:11991139	0	0
LOC10192707	TSS22758,TSS	chr15:2227803	0	0
PHYHD1	TSS20650,TSS	chr9:13168317	0	0.159101
DKFZP434H16	TSS28820	chr16:5622652	0	0
LOC401177	TSS24443	chr5:17379014	0.194334	0
LOC284344	TSS7606	chr19:4371594	0	0
OR4F16	TSS5667	chr1:367658-3	0	0
DEFB122	TSS26780	chr20:3000924	0	0
MIR3179-4	TSS14520	chr16:1499536	0	0
TMEM95	TSS9846	chr17:7258496	0	0
GRB10	TSS18894,TSS	chr7:50657759	0	0.0513297
STH	TSS2141	chr17:4407661	0	0
PRAMEF26	TSS4593	chr1:13052393	0	0
CASC16	TSS13906	chr16:5258599	0	0
NKX2-4	TSS30425	chr20:2137600	0	0
LOC10192787	TSS22190	chr7:10308565	0	0
TMEM47	TSS24424	chrX:34645180	0	0.0166026
RDH10-AS1	TSS32542	chr8:74223140	0	0.0625789
NECAB2	TSS12050	chr16:8400223	0	0
LOC10192737	TSS8369	chr7:84161791	0	0
HGFAC	TSS13516	chr4:3443659	0	0.00213119
MYBPC1	TSS2708	chr12:1019887	0.00231605	0.0628959
CYMP	TSS26246	chr1:11102338	0	0.0300702
KIAA1024L	TSS20871	chr5:12908388	0	0
PROKR2	TSS28242	chr20:5282685	0	0
PTPN3	TSS19613,TSS	chr9:11213797	0.0705467	0.0433211
BLACAT1	TSS13499	chr1:20540401	0	0
EBLN1	TSS17098	chr10:2249774	0	0
LOC10192761	TSS25628	chr2:19916408	0	0
UGT2A1	TSS14064,TSS	chr4:70454134	0	0
MEAT6	TSS5500	chr6:16520686	0	0
NFE2	TSS2476,TSS2	chr12:5468589	0.467839	0.0426311
OR5A1	TSS4473	chr11:5921064	0	0.12411
C1QA	TSS27942	chr1:22963117	0	0
NROB1	TSS18802	chrX:30322538	0	0.0910744
S100A9	TSS2706	chr1:15333032	81.8964	28.1871

CFAP43	TSS32803	chr10:10588964	0	0
SLC22A25	TSS11956	chr11:62931295	0	0
PGBD3	TSS27324	chr10:50723150	0.149495	2.25E-06
BGLF4_1	-	chrEBV(Akata_	0	1.95E-05
HMGCS2	TSS5100	chr1:120290618	0	0
PWRN1	TSS8242	chr15:24803305	0	0
MMP13	TSS9403	chr11:10281372	0	0
KLK8	TSS16877	chr19:51499265	0	0
CT47A4	TSS5367	chrX:120082270	0	0
HHLA1	TSS7637	chr8:133073732	0	0
LEMD1	TSS23143	chr1:205350505	0	0
CCNYL2	TSS2786	chr10:42903627	0.0011071	0
OR2L3	TSS5675	chr1:248223985	0	0
SOX21	TSS6328	chr13:95361878	0	0
NR2F1	TSS23401	chr5:92919042-	0.0696334	0.0362665
LOC100505782	TSS24637	chr17:39558667	0	0.0323907
CNIH3	TSS12948	chr1:224804178	0	0.0292747
TACR3	TSS7488	chr4:104510624	0	0.0122129
DLGAP1-AS5	TSS2265	chr18:4264601-	0	0
C19orf26	TSS32173	chr19:1229946-	0	0
DDX11L10	TSS4808	chr16:61554-64	0.105248	0.0016104
UNC5A	TSS6389	chr5:176237559	0	0
SRY	TSS31349	chrY:2654895-	0	0.0448814
AMER2	TSS21136,TSS	chr13:25735816	0	0.00660217
LINC01370	TSS4190	chr20:38633102	0	0
PGBD5	TSS5945	chr1:23045739-	0	0
LOC100506403	TSS20344	chr21:36744804	0	0
LINC01320	TSS6409	chr2:34902623-	0	0
VSTM5	TSS33717	chr11:93553734	0	0
SPATA31A6	TSS22568	chr9:43624501-	0.0445461	0.00217445
KLK3	TSS14958	chr19:51358170	0	0.0123751
VGLL1	TSS28446	chrX:135614310	0	0
OR10A5	TSS21917	chr11:6866913-	0	0
GJB4	TSS27612	chr1:35225341-	0	0
ABCA4	TSS22359	chr1:94458393-	0	0.00600953
OR4X2	TSS34047	chr11:48266655	0.503251	0
COX6A2	TSS25694	chr16:3143905-	0	0
LINC01558	TSS16785	chr6:168185218	0	0
LINC00408	TSS11394	chr13:19479578	0	0.106025
GSTT2B	TSS5205	chr22:24299600	0.314603	0
IQCF1	TSS6800	chr3:51928891-	0	0
SORCS1	TSS10909	chr10:10833342	0	0.060762
THBD	TSS16133	chr20:23026269	0	0.00834855
LINC00320	TSS29373	chr21:22114907	0	0
TNNT2	TSS28732	chr1:201328135	0	0
SNX7	TSS6087	chr1:99127235-	0.778751	0.160409
GPR78	TSS12920,TSS	chr4:8581963-8	0	0.038131
FLJ22763	TSS29827	chr3:108855560	0	0.0548359
XKRY	TSS29743	chrY:19880859-	0	0
XKRY	TSS28515	chrY:20297334-	0	0
SHE	TSS31459	chr1:154451955	0	0.0643549
LOC388813	TSS1864	chr21:15963712	0	0
ICAM4	TSS25494	chr19:10397642	0	0.20588
CLEC4E	TSS15642	chr12:8685900-	0.167488	0.0810582
RALYL	TSS18710,TSS	chr8:85095452-	0	0.00826868



FRG2DP	TSS21191	chr16:3471178-	0	0
LINC00487	TSS18576	chr2:6869299-	0	0.180781
CYLC1	TSS18069	chrX:83116133-	0	0
IQCJ-SCHIP1-	TSS9118	chr3:159483170-	0	0
PPBP	TSS15554	chr4:74852155-	0.950417	0
LINC01433	TSS30649	chr20:4173736-	0	0
LINC01168	TSS12821	chr10:1347790-	0	0
LOC644669	TSS10750	chr18:1531355-	0	0
MIR3687-2	TSS30961	chr21:9826202-	39950.4	0
FERD3L	TSS21761	chr7:19184404-	0	0
BTC	TSS4933	chr4:75671447-	0	0
CHST4	TSS13014,TSS	chr16:7156002-	0	0.181422
CALCA	TSS12695	chr11:1498821-	0	0
LOC101927229	TSS23554	chr18:5277313-	0	0.0111278
CNGA3	TSS13726	chr2:98962617-	0	0
PRORY	TSS714	chrY:23544859-	0	0
CSRNP3	TSS23046,TSS	chr2:166326150-	0	0.0336009
DUPD1	TSS20269	chr10:7679759-	0	0
GPR173	TSS8394	chrX:53078505-	0	0.0711065
MIR4793	TSS15162	chr3:48681626-	0	0
PAK7	TSS26892	chr20:9518036-	0.0092526	0
PDLIM3	TSS11124	chr4:18642181-	0	0
LOC100422212	TSS365	chr1:16339085-	0	0
MSX2	TSS17362	chr5:17415157-	0	0
LY6D	TSS33606	chr8:14386629-	0	0
OR1D5	TSS28939	chr17:2965962-	0	0
CDC42EP4	TSS14761	chr17:7127976-	0.852524	0.483949
LINC00974	TSS27850	chr17:3970585-	0.0211162	0.0327027
C1orf100	TSS5970	chr1:24451593-	0	0
MMP25	TSS2754	chr16:3096681-	1.28825	0.134873
PPP1R3A	TSS3537	chr7:11351688-	0	0
SYNDIG1L	TSS21619	chr14:7487259-	0	0
LY6G6F	TSS15902	chr6:31674683-	0	0
PDZRN3	TSS11307,TSS	chr3:73431580-	0	0
LINC00675	TSS32954	chr17:1069822-	0	0
SLC30A2	TSS26248	chr1:26364512-	0	0
LINC01103	TSS4949	chr2:10510491-	0	0
RTP3	TSS10316	chr3:46539484-	0	0
LYZL1	TSS32522	chr10:2957798-	0	0
EMX2OS	TSS20738	chr10:1192438-	0	0
LOC101929237	TSS9598	chr8:22735484-	0	0.0779828
ELFN1-AS1	TSS25660	chr7:1778265-	0	0.381942
LOC101928435	TSS17115	chr21:4034635-	0	0
FAM224B	TSS54	chrY:20488439-	0	1.02E-06
CLCA1	TSS30471	chr1:86934525-	0	0
SGCZ	TSS21610	chr8:13947372-	0.186551	0.0335597
APOB	TSS14991	chr2:21224300-	0	0.013871
MT3	TSS4781	chr16:5662326-	0	0
TTY1B	TSS24706	chrY:6258441-	0	0
PYDC1	TSS32607	chr16:3122728-	0	0.0851331
LOC440982	TSS33180	chr3:14713911-	0	0.196395
LOC101928226	TSS7640	chr1:24886036-	0	0
SEZ6L	TSS9535	chr22:2656543-	0	0
LOC643201	TSS8609	chr5:17557008-	0	0
WSPAR	TSS9806	chr5:13324936-	0	0

LINC00323	TSS2803	chr21:42513426	0	0
KAAG1	TSS31509	chr6:24357130-	0	0
DBX1	TSS28021	chr11:20177759	0	0
CYP3A7-CYP3	TSS28483	chr7:99282301-	0	0
DSC2	TSS887	chr18:28645939	0.0413444	0.0511964
KRT16P1	TSS7098	chr17:1834322-	0	0.0783538
SNORA79	TSS5858	chr14:81669038	0	22.4742
RERGL	TSS16585	chr12:18233802	0	0
Repeat_unit_rar -		chrEBV(Akata_	0	2.90E-43
OXGR1	TSS33436	chr13:97637972	0	0.0152389
CALB2	TSS22636	chr16:71392615	0	0
LOC101929586	TSS17021	chr15:80846950	0	0
RNF144A-AS1	TSS13407	chr2:7052406-	0.191127	0
GP9	TSS9849	chr3:128779609	0	0
FLJ31662	TSS25631	chr1:95940292-	0	0
OR4D2	TSS6711	chr17:56247016	0	0
AGAP1-IT1	TSS18904	chr2:236414392	0	0
LINC01120	TSS12979	chr2:132160472	0	0
SNORD88A	TSS12363	chr19:51302695	0	0
LINC01608	TSS94	chr8:111949918	0	0
P3H2-AS1	TSS30418	chr3:189838752	0	0
RNF182	TSS14217,TSS	chr6:13924676-	0.0402367	0
PCDHA2	TSS31036	chr5:140174442	0	0
PLIN5	TSS33448	chr19:4522543-	0	0.0567717
P2RX3	TSS9736	chr11:57105840	0	0
SNORD12	TSS4736	chr20:47897219	0	0
GRIA3	TSS15555	chrX:122318091	0.0506834	0.00643363
LOC391003	TSS20385	chr1:13035498-	0	0.00413182
LOC101929199	TSS12452	chr4:27219100-	0	0
LOC102724163	TSS5381	chr16:83830840	0	0
GRIFIN	TSS130	chr7:2514771-	0	0
MS4A8	TSS31183	chr11:60467046	0	0
TRPC7	TSS11784	chr5:135548998	0	0
NKAIN1	TSS8748	chr1:31652591-	0	0.000901061
HS6ST2	TSS23438	chrX:131760031	0	0.0552819
LOC100507351	TSS29761	chr17:75543022	0	0
LINC01589	TSS30818	chr22:4600031-	0	0
CHRD2	TSS16688,TSS	chr11:74407472	0	0
RNF186	TSS1828	chr1:20140521-	0	0
FEZF2	TSS204	chr3:62355346-	0	0
LINC01605	TSS25187	chr8:37373923-	0	0.53768
MIR3180-2	TSS32506	chr16:15005080	0	0
MIR3180-2	TSS24042	chr16:16403735	0	0
MIR3180-2	TSS25552	chr16:18496036	0	0
CT45A3	TSS12844	chrX:134883481	0	1.54E-08
SLC22A8	TSS7232	chr11:62760295	0	0
LOC101929631	TSS15148	chr1:218216846	0	0
IGSF11	TSS1826,TSS2	chr3:118619478	0	0.0395431
EXOC3L4	TSS22714	chr14:10356648	0	0
EFNA5	TSS15445	chr5:106712589	0.0887427	0.131105
IL34	TSS1410,TSS2	chr16:70613791	0	0
OR5AR1	TSS8276	chr11:5643116-	0	0
LOC200772	TSS32411	chr2:241894035	0	0
LOC102467079	TSS28451	chr16:52119192	0	0
KRT83	TSS404	chr12:52708082	0	0

MIR3180-1	TSS29529	chr16:15005076	0	0
MIR3180-1	TSS24040	chr16:16403737	0	0
MIR3180-1	TSS25555	chr16:18496034	0	0
OR8J1	TSS25737	chr11:56127690	0	0
MIR6843	TSS14748	chr8:27468117	0	0
LINC00332	TSS26781	chr13:40755945	0	0
SERPING1	TSS25585,TSS	chr11:57365026	0.404906	0.0587989
LINC01167	TSS24871	chr10:13477484	0	0
LAMA5-AS1	TSS18845	chr20:60928065	0.911531	0
DIRAS2	TSS19397	chr9:93372113	0	0
WT1-AS	TSS11546,TSS	chr11:32457065	0	0
SATB2-AS1	TSS24895	chr2:200332820	0	0
SNAR-C3	TSS8718	chr19:48453552	0	0
NPAS4	TSS18241	chr11:66188474	0	0
AIPL1	TSS26488,TSS	chr17:63270566	0	0.0270953
PTGFR	TSS27051	chr1:78956727	0	0
KSR2	TSS19921	chr12:11789087	0.00495184	0.00957746
KLK7	TSS26456,TSS	chr19:51479734	0	0
KIF26B	TSS2496	chr1:245318286	0.234239	0.152659
MRGPRX2	TSS16604,TSS	chr11:19076002	0	0
PKD1L2	TSS23010,TSS	chr16:81134485	0	0.0129821
CXCL10	TSS17127	chr4:76942268	0	0.492603
GPR32	TSS33648	chr19:51273720	0	0
LINC00701	TSS19266	chr10:2342512	0	0.0423097
SLC22A6	TSS27797	chr11:62744068	0	0.0171241
FAM84A	TSS30404	chr2:14772809	0.0101101	0
TMEM176B	TSS10842,TSS	chr7:150488375	0	0
FAM205A	TSS19364	chr9:34723049	0	0
DMBT1P1	TSS23004	chr10:12451620	0	0.0090235
THPO	TSS12172,TSS	chr3:184089722	0	0
LINC01343	TSS5141	chr1:38674705	0	0
FRRS1L	TSS22675	chr9:111899580	0	0.0632042
OTOG	TSS3406	chr11:17568919	0	0.000938605
OR2T4	TSS33680	chr1:248524882	0	0
OR2F2	TSS9000	chr7:143632325	0	0
DAPL1	TSS25399	chr2:159651828	0	0
LINC00365	TSS25837	chr13:30677314	0	0
C11orf87	TSS4218	chr11:10929284	0	0
SALRNA3	TSS32090	chr15:70907885	0	0
THBS1	TSS31214	chr15:39873279	0.12374	0.346513
MIR4784	TSS15086	chr2:132248732	0	0
CTSE	TSS12925	chr1:206317458	0	0
OR4D9	TSS7866	chr11:59282385	0	0
CCDC177	TSS33229	chr14:70036530	0	0
SCARNA15	TSS9486	chr15:83424696	0	0
DRleft_similar_t -		chrEBV(Akata_	0	2.48742
REG1B	TSS13043	chr2:79312148	0	0
SNORA11D	TSS23917	chrX:51806442	0	1.6444
SNORA11D	TSS25446	chrX:51933717	0	1.6444
KRT222	TSS4975	chr17:38811877	0.584788	0.0205887
OR52K1	TSS22120	chr11:4510108	0	0
FATE1	TSS6777	chrX:15088450	0.0615892	0
ZNF733P	TSS27288	chr7:62751669	0	0.026246
MT1M	TSS23216	chr16:56666532	0	0
PRAMEF16	TSS5961	chr1:13495253	0	0

CNTNAP3B	TSS18549	chr9:43684884-	1.07E-06	9.07E-07
LINC01448	TSS27376	chr7:42701325-	0.00461598	0
KRTAP1-3	TSS27412	chr17:39190136-	0	0
PRAMEF2	TSS22699	chr1:12916940-	0	0.010944
CLDN24	TSS7803	chr4:184242916-	0	0
TMIGD1	TSS2152	chr17:28643365-	0	0
SLC9A9-AS1	TSS32704	chr3:143061087-	0	0
SPRR1A	TSS5824	chr1:152956560-	0	0
SIGLECL1	TSS11638,TSS	chr19:51754337-	0	0
PMP2	TSS19733	chr8:82352563-	0	0.0189871
TPRG1	TSS6778	chr3:188889760-	0	0.0184919
MYO18B	TSS12906	chr22:26138119-	0	0
KCNK10	TSS13491,TSS	chr14:88646457-	0	0
DNAJC22	TSS6227	chr12:49740699-	0	0.12048
BPIFA2	TSS31711	chr20:31755959-	0	0
ABCC5-AS1	TSS10448	chr3:183724125-	0	0.321233
DCLK2	TSS2552	chr4:150999425-	0.183161	0.0472478
DUSP18	TSS16076	chr22:31048037-	4.32996	2.0358
GPC5-AS1	TSS10164,TSS	chr13:93353647-	0	0
KRTAP7-1	TSS11103	chr21:32201357-	0	0
CT47A1	TSS22338	chrX:120011340-	0	0
TMEM212	TSS4658	chr3:171561138-	0	0
OR3A1	TSS12407	chr17:31949280-	0	0
KCNIP4-IT1	TSS22075	chr4:218449630-	0	0
LOXL4	TSS27747	chr10:10000740-	0.0119456	0.0647215
POM121L2	TSS2666	chr6:27276841-	0	0
PDIA2	TSS19623	chr16:33311700-	0	0
KRT39	TSS3551	chr17:39114668-	0	0
LINC01270	TSS26539	chr20:48909256-	0	0.000847211
GSTA1	TSS1723	chr6:52656177-	0	0
MIR600	TSS5847	chr9:125873820-	0.000524572	0
VSIG4	TSS23982	chrX:65241579-	0	0.095589
CFHR5	TSS33652	chr1:196946660-	0	0
SAXO1	TSS20242,TSS	chr9:18927657-	0.0078912	0.0122323
PCDHA11	TSS9529	chr5:140247097-	0	0
CDA	TSS27710	chr1:209154430-	0.105203	0
WFDC8	TSS52	chr20:44179790-	0	0.413504
ONECUT2	TSS10019	chr18:55102916-	0.000653352	0.0242624
GUCA1C	TSS14641	chr3:108626647-	0	0
LPAR3	TSS32871	chr1:85279085-	0	0.207743
NOV	TSS17542	chr8:120428557-	0	0
NALCN	TSS31362	chr13:10170612-	0	0.00477539
C10orf82	TSS28959	chr10:11842320-	0	0
FAXC	TSS16924	chr6:99720792-	0.00434647	0
CELA3B	TSS2107	chr1:22303417-	0	0
MMP26	TSS27475	chr11:50094230-	0	0
PCDHA10	TSS23885	chr5:140235467-	0	0
OR13H1	TSS11224	chrX:13067804-	0	0
GAGE4	TSS34025	chrX:49216648-	0	0
GPR148	TSS1361	chr2:131486640-	0	0
DNAJB8	TSS11030	chr3:128181270-	0	0.0139837
TDRD10	TSS22737	chr1:154474690-	0	0.0149134
CYP4F11	TSS29	chr19:16023179-	0	0.0575033
HNCAT21	TSS1580	chr5:117618268-	0	0
PLSCR5	TSS24365	chr3:146303620-	0	0

WFDC21P	TSS10742	chr17:58160926	0.916831	1.21115
EGFLAM-AS2	TSS29354	chr5:38399915-	0	0
NKX6-3	TSS13751	chr8:41503828-	0	0
FAM25C	TSS21571	chr10:47177206	0	0
OPRD1	TSS5526	chr1:29138653-	0	0.0200886
NRAP	TSS3132	chr10:11534856	0.285348	0
LOC100190940	TSS24790	chr12:13051836	0	0
CDH9	TSS22400	chr5:26880708-	0	0
LOC102467217	TSS12898	chr5:11497782-	0	0
ACSM5	TSS6773	chr16:20420856	0	0
PNLIPRP2	TSS8460	chr10:11838046	0	0
LOC101927087	TSS14952	chr4:125421096	0	0.0154301
TMEM176A	TSS17875	chr7:150497856	0	0
CARD18	TSS19315	chr11:10500846	0	0
PTPRG-AS1	TSS7292	chr3:62247493-	0	0.120072
LINC01193	TSS375	chr15:21145766	0	0
SPATA8	TSS22048	chr15:97326636	0	0
LOC286177	TSS18809	chr8:58173784-	0	0
DDIT4L	TSS6260	chr4:101107026	0	0
OR7D4	TSS21537	chr19:9324525-	0.536018	0
MAS1	TSS24632	chr6:160327976	0	0
ADGRG4	TSS14999	chrX:13538312	0	0.000826009
LINC01538	TSS884	chr18:61880317	0	0.0144085
PHGR1	TSS31252	chr15:40643236	0	0
MIR4537	TSS660	chr14:10632566	93502	53166.4
PADI2	TSS21873	chr1:17393255-	0.407377	0.815116
CASP14	TSS11845	chr19:15160296	0	0.0108399
LOC100286922	TSS23648	chr2:23466296-	0	0
KRTAP12-1	TSS3820	chr21:46101496	0	0
UCN3	TSS19484	chr10:5406975-	0	0
OR5F1	TSS3177	chr11:55761156	0	0
OR1K1	TSS25746	chr9:12556240-	0	0.0412115
MDFI	TSS19899,TSS	chr6:41604914-	0	0
RNASE2	TSS15249	chr14:21423629	0.174132	0
LINC00838	TSS8597	chr10:34048646	0	0
SSUH2	TSS1916,TSS3	chr3:8661085-6	0.397185	0
TRAPPC3L	TSS21217	chr6:116817656	0	0
CCDC155	TSS8395	chr19:49891476	0	0.0145646
DSC3	TSS27943	chr18:28569336	0	0.00860664
PRG3	TSS33677	chr11:5714424-	0	0
SLIT2	TSS14691	chr4:20255186-	0.0268442	0.0519865
OR5AK4P	TSS12584	chr11:56805006	0	0
C10orf71-AS1	TSS33222	chr10:50504327	0	0
LINC01539	TSS19260	chr18:53750586	0	0
LINC01488	TSS14328	chr11:69300326	0	0
CHRM2	TSS10030,TSS	chr7:136553396	0	0
AQP4	TSS25811,TSS	chr18:24432007	0	0
OR56A5	TSS3708	chr11:5988782-	0	0
Repeat_unit_rar -		chrEBV(Akata_	0	2.11992
LOC101929754	TSS21201	chr3:114172439	0	0
OR12D3	TSS33721	chr6:29341199-	0	0
THRSP	TSS11346	chr11:77774906	0	0
MUC21	TSS3362	chr6:30951484-	0	0
SPATA31C1	TSS11596	chr9:90532876-	0	0
PIK3C2G	TSS17046	chr12:18414476	0.0802254	0

XGY2	TSS24556	chrX:2670336-	0	0
MALRD1	TSS5325	chr10:1933769-	0.00345176	0.00872359
ZNF663P	TSS4087	chr20:4508513-	0	0
POU1F1	TSS25387	chr3:87308782-	0	0
OR10K1	TSS23855	chr1:15843535-	0	0.0416909
LINC01291	TSS16662	chr2:75136257-	0	0.197836
OR1L8	TSS27604	chr9:12532982-	0	0
ZNF385B	TSS14475,TSS	chr2:18030671-	0	0
MEIS3	TSS19716	chr19:4790637-	0	0
CYP4Z2P	TSS25817	chr1:47308766-	0	0.00873931
SEMA3D	TSS11880	chr7:84624871-	0	0.0418681
LOC642776	TSS25602	chrX:11503360-	0	0
OR9Q1	TSS9980	chr11:5779135-	0	0
CT45A8	TSS496	chrX:13486621-	0	1.67E-11
KRT26	TSS16656	chr17:3892248-	0	0.0206546
TRIM42	TSS3436	chr3:14039686-	0.174638	0
LOC729159	TSS6141	chr16:6039235-	0	0
TRIM64C	TSS22755	chr11:4907526-	0	0
ANKRD65	TSS18478	chr1:1353799-	0.426714	0
CCL14	TSS31561	chr17:3431069-	0	0
ADGRB3	TSS16212	chr6:69345631-	0	0.00452207
C5orf66-AS1	TSS14400	chr5:13437452-	0	0
FSCB	TSS4449	chr14:4497335-	0	0
LINC01312	TSS14307	chr6:13414228-	0	0
CSF3R	TSS24425	chr1:36931643-	2.81616	1.22555
FAM25C	TSS23198	chr10:4920335-	0	0
OPN4	TSS3664	chr10:8841431-	0	0
LOC101929331	TSS26672	chr9:13204469-	0	0
FER1L6-AS1	TSS4920	chr8:12499637-	0	0
SNAR-C4	TSS16591	chr19:4844279-	0	0
MID1	TSS12950,TSS	chrX:10413349-	0	0.0795104
CT47A5	TSS19438	chrX:12010660-	0	0
HRAT17	TSS29703	chr7:11259468-	0	0
XIST	TSS2336	chrX:73040485-	0.396692	0.112892
AADAACL4	TSS17045	chr1:12704565-	0	0
RDH10	TSS6730	chr8:74206836-	1.30696	1.01154
SLN	TSS23062	chr11:1075781-	0	0
LINC01096	TSS18778	chr4:13547699-	0	0
RAG2	TSS30858	chr11:3661349-	0	0
LARP6	TSS15292,TSS	chr15:7112386-	0.285977	0.174902
LINC00676	TSS27926	chr13:1103806-	0	0
NOS1AP	TSS27507,TSS	chr1:16203958-	0.116809	0
CT47A6	TSS14251	chrX:12009201-	0	0
TCEB3CL	TSS15054	chr18:4455457-	0.47596	0.00729117
CLPSL1	TSS18744	chr6:35748830-	0	0
MUC22	TSS31582	chr6:30973728-	0	0.00552646
KCNIP1	TSS12230,TSS	chr5:16978049-	0	0
SLC13A2	TSS19591	chr17:2680066-	0	0.0294731
TBX22	TSS16539,TSS	chrX:79270254-	0	0.046527
COL6A3	TSS11976	chr2:23823265-	0.0291131	0.000938352
OR2Z1	TSS1259	chr19:8841315-	0	0.145348
KRT85	TSS31079,TSS	chr12:5275378-	0	0
OR10W1	TSS7671	chr11:5803426-	0	0
ERVV-2	TSS29834	chr19:5354799-	0	0.0511186
LINC01214	TSS4279	chr3:14998319-	0	0

ADRA2B	TSS26609	chr2:96778622-	0.169628	0.0504999
LOC10192908C	TSS14836	chr14:95795920-	0	0.0420908
SLC25A48	TSS33196	chr5:135170364-	0	0
HEPACAM2	TSS1316,TSS4	chr7:92817898-	0.193061	0
DLGAP1	TSS15468,TSS	chr18:3496029-	0	0.123253
C1orf140	TSS30693	chr1:221503269-	0	0.022381
FAM74A1	TSS29997	chr9:39900345-	0	0
EBER1_1	-	chrEBV(Akata_	0	0
RP11-87M18.2	TSS23788	chrX:36383740-	0	0.00357903
KIRREL2	TSS13420,TSS	chr19:36347809-	0	0.0284968
IL1RAPL2	TSS27714	chrX:103810991-	0	0.0169516
HMCN2	TSS98	chr9:133028157-	0	0
IL9R	TSS10982	chrX:155227241-	0.556081	0.365681
CYP4Z1	TSS6763	chr1:47533159-	0	0.00656291
SLC7A3	TSS28085	chrX:70145429-	0	0
TSPAN16	TSS25140	chr19:11406814-	0	0.00533656
PKDCC	TSS29081	chr2:42275160-	0.125022	0.0276558
FAM157A	TSS30708	chr3:197879236-	0.677249	0.154961
BcLF1_1	-	chrEBV(Akata_	0	0.304614
DEFB118	TSS9082	chr20:29956420-	0	0
LOC101928241	TSS11009	chr1:96719624-	0	0
SLC6A2	TSS1379,TSS1	chr16:55689547-	0	0
SOX11	TSS34014	chr2:58327987-	0	0.0679024
PTPRD-AS1	TSS33286	chr9:88580177-	0	0.0297608
THRB-AS1	TSS16462	chr3:24535577-	0	0
D21S2088E	TSS3497	chr21:24733425-	0	0
LOC400736	TSS31725	chr1:13668268-	0	0
PAPPA2	TSS947	chr1:176432306-	0.0297583	0.0580473
SCRT1	TSS13785	chr8:145554227-	0	0.008936
LOC100506393	TSS28922	chr12:20167618-	0	0
KRT84	TSS16071	chr12:52771595-	0	0
DAO	TSS6275	chr12:10927385-	0	0
LINC01095	TSS12443	chr4:147030606-	0	0
TCEB3C	TSS2881	chr18:44548657-	1.07E-05	8.42E-06
ATP6V0D2	TSS24885	chr8:871111138-	0.151375	0.0732531
PROP1	TSS34125	chr5:177419235-	0	0.0248949
FAM71F1	TSS25202,TSS	chr7:128349114-	0	0
LOC650293	TSS21727	chr4:89514767-	0	0
SYT4	TSS9661	chr18:40847856-	0	0
P2RY13	TSS11962	chr3:151044095-	0.448593	0.0785519
ENPP1	TSS15739	chr6:132129155-	0.0974308	0.150778
PCSK1	TSS22628,TSS	chr5:95726039-	0	0
LINC01054	TSS31017	chr13:11509520-	0	0
OR13F1	TSS12566	chr9:107266540-	0	0
ADAMTS7	TSS22149	chr15:79051544-	1.62991	1.14151
GSTT2B	TSS13112	chr22:24322338-	0.314575	0
LOC645382	TSS26119	chr1:13409134-	0	0
LIFR-AS1	TSS14809	chr5:38556887-	0	0
LCE1D	TSS30037	chr1:152769226-	0	0
CT47A1	TSS26203	chrX:120092011-	0	0
TCTEX1D1	TSS5079	chr1:67218139-	0	0.0923499
OR10H2	TSS8521	chr19:15838830-	0	0
TMEM225	TSS3174	chr11:12375360-	0	0
LPPR4	TSS8278	chr1:99729847-	0	0
MOS	TSS23142	chr8:57025500-	0	0.00308012

GAGE12H	TSS23846,TSS	chrX:49296779-	8.56E-10	0
VWA1	TSS7480	chr1:1370902-	0.183168	0.0236261
LINC01505	TSS16831	chr9:10937833-	0	0
LINC01108	TSS13809	chr6:14280357-	0	0
LOC101929645	TSS8536	chr5:29065350-	0.00149821	0
MIR3976HG	TSS12636	chr18:5748817-	0	0
FOXB2	TSS7088	chr9:79634570-	0	0
LIMCH1	TSS15440,TSS	chr4:41361623-	0.00917848	0.0569136
HS3ST5	TSS32681	chr6:11437674-	0	0
TEK	TSS22129	chr9:27109138-	0	0
LOC101926905	TSS11858	chr5:14042578-	0	0
FAM181B	TSS31142	chr11:8244304-	0	0
DZIP1L	TSS26651,TSS	chr3:13778082-	0	0
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GJA10	TSS822	chr6:90604187-	0	0
LOC100506272	TSS29080	chr4:18845403-	0	0.0256689
SCART1	TSS23391	chr10:1352674-	0.0616621	0.177244
KRT20	TSS8295	chr17:3903214-	0	0
TMEM179	TSS1955	chr14:1050572-	0	0
LOC100287728	TSS19269	chrX:13425454-	3.53252	0.328062
KRT78	TSS24155,TSS	chr12:5323158-	0	0
SRD5A2	TSS5859	chr2:31749655-	0	0.014168
MIR8085	TSS19906	chr19:4526191-	0	0
NCR2	TSS26491	chr6:41303527-	0	1.10003
OR1E1	TSS33943	chr17:3300759-	0	0
MIR3179-2	TSS11819	chr16:1639401-	0	0
MIR3179-1	TSS811	chr16:1850575-	0	0
OR5K3	TSS24283	chr3:98109509-	0	0
TFF1	TSS30692	chr21:4378239-	0	0
OPN1MW	TSS691	chrX:15348520-	0	0
B4GALNT3	TSS7724	chr12:569542-	0.0454744	0.0301149
LOC100130880	TSS31077	chr7:13763809-	0	0.315601
CXCL2	TSS14891	chr4:74962753-	0	0.124698
ADAM5	TSS15827	chr8:39172181-	0	0
FER1L6-AS2	TSS10402	chr8:12505831-	0	0
TTY1	TSS2944	chrY:9590764-	0	0
FAM74A1	TSS26222	chr9:39371061-	0	0
LOC101929374	TSS8439	chr22:2377575-	0	0
HCCAT5	TSS19693	chr16:7312624-	0	0
ERVV-1	TSS9600	chr19:5351734-	0	0.0555736
CT47A10	TSS22338	chrX:12001134-	0	0
PDLIM4	TSS8005	chr5:13159335-	0.00165803	0.0893089
ITIH5	TSS33166,TSS	chr10:7601231-	0	0.0871344
OVCH1	TSS12847	chr12:2958048-	0	2.09E-213
DKK2	TSS14965	chr4:10784295-	0	0
LRRC14B	TSS1247	chr5:191625-1-	0	0
OR2T12	TSS26433	chr1:24845791-	0	0
LOC101929238	TSS13506	chr6:16346401-	0	0
GRIA2	TSS2324,TSS3	chr4:15814173-	0	0.00632829
APOBEC3A	TSS21474	chr22:3935352-	2.77022	7.43E-18
SNORA47	TSS16193	chr5:76376258-	0	18.2065
LOC101929441	TSS18295	chr1:20411053-	0	0
DEFA1B	TSS16668	chr8:6873390-	23.9426	0.00260129
SDC2	TSS17635	chr8:97505881-	0.351811	0.330664
LOC101927884	TSS26194	chr2:75751193-	0	0



SNAR-A9	TSS1422	chr19:48427035	0	0
AJAP1	TSS6782	chr1:47151044	0	0.000807343
BDLF2_1	-	chrEBV(Akata_	0	0.229609
PDZK1IP1	TSS30050	chr1:47649260-	0	0
LINC00482	TSS12557	chr17:79276625	0	0
DEFB105A	TSS31296	chr8:7679487-	0	0.0648436
FEZF1-AS1	TSS24261	chr7:12194371-	0	0
IL6	TSS17633	chr7:22766765-	0.532641	0
RGAG1	TSS33575	chrX:10966228-	0	0
LINC01506	TSS1339	chr9:71158456-	0	0
ENTHD1	TSS12113	chr22:40139048	0	0.190362
GATA2-AS1	TSS25260	chr3:128208045	0	0
LINC00885	TSS8115	chr3:195869506	0	0
BSPH1	TSS8876	chr19:48471302	0	0
SPATA31D5P	TSS4164	chr9:84528351-	0	0
TYRP1	TSS16269	chr9:12693385-	0	0
KRTAP4-8	TSS30447	chr17:39253235	0	0
FOXC1	TSS16578	chr6:1610680-	0.292157	0
ZIC2	TSS28970	chr13:10063402	0.00127796	0.13196
PCDHAC1	TSS13597	chr5:14030630-	0	0
STEAP4	TSS33336	chr7:87905743-	0.187597	0.157355
TPM2	TSS9369	chr9:35681989-	0.574742	1.84558
NOVA2	TSS11833	chr19:46442770	0	0.0188777
AQP12B	TSS30586	chr2:241615834	0	0
BdRF1_1	-	chrEBV(Akata_	0	4.87067
TM4SF5	TSS3821	chr17:4675186-	0	0
LINC01247	TSS8899	chr2:6506141-	0.226919	0
GPR158	TSS18114	chr10:25464285	0	0.0215251
PCAT4	TSS33932	chr4:80748624-	0	0
EPB41L4B	TSS13811	chr9:111934255	0	0
PRAMEF14	TSS32347	chr1:13447413-	0	0
IFNA6	TSS4935	chr9:21350316-	0	0
LINC01197	TSS11993	chr15:95822518	0	0
CDY1B	TSS27039	chrY:27768263-	0	0
BPIFB2	TSS25124	chr20:31595385	0	0
SLC15A1	TSS30396	chr13:99336054	0	0.00155745
CRLF2	TSS27579	chrY:1264893-	0	0.0551641
MBD3L3	TSS6479	chr19:7056215-	0	0.0177809
GDF15	TSS27695	chr19:18496967	0	0
TP53AIP1	TSS11691,TSS	chr11:12880462	0	0
GAGE12H	TSS7560	chrX:49315891-	8.78E-05	0
LINC00935	TSS1852	chr12:49121217	0	0
OR11G2	TSS8585	chr14:20665494	0	0
HMGB4	TSS1397,TSS2	chr1:34326075-	0	0
CLGN	TSS25541	chr4:141309606	0.0324236	0
SDR16C6P	TSS21441	chr8:57287276-	0	0.0903638
PRODH	TSS28491,TSS	chr22:18900286	0	0
SHOX2	TSS17570	chr3:157813795	0	0.0125007
CCL22	TSS13929	chr16:57392694	26.0037	48.3163
LOC101928298	TSS4324	chr10:10100684	0	0
OR14A16	TSS30742	chr1:24797810-	0	0
LINC00578	TSS18992	chr3:177159708	0	0.0306124
OR2T33	TSS25014	chr1:248436155	0	0
ALX1	TSS8563	chr12:85674035	0	0
SLC14A2-AS1	TSS29527	chr18:43018148	0	0

LAYN	TSS20233	chr11:11141120-	0.0172018	0
GRM7-AS3	TSS9219	chr3:6674044-6	0	0
C11orf97	TSS19140	chr11:94245694-	0	0
TMEM88B	TSS6713	chr1:1361507-	0	0
FIGN	TSS18929	chr2:16446411-	0	0.00738688
INHBA	TSS7688	chr7:41728600-	0	0.11252
ADAM2	TSS16741	chr8:39601254-	0	0
TMIGD3	TSS33026,TSS	chr1:112025960-	0.0109616	2.60E-06
LINC00577	TSS1291	chr6:105384160-	0	0
RXRG	TSS17546,TSS	chr1:165370150-	0	0.00715937
RPRML	TSS1936	chr17:4505552-	0	0.523244
CHP2	TSS5248	chr16:2376594-	0	0.0145712
CLCNKA	TSS863	chr1:16348485-	0	0
CDH19	TSS6465	chr18:64168420-	0	0
LINC01257	TSS1180	chr12:13164950-	0	0
LURAP1L	TSS22064	chr9:12775011-	0	0
OR8D1	TSS1182	chr11:12417970-	0	0
LOC100420587	TSS19967	chr19:28926290-	0	0.0327176
KCNH8	TSS22905	chr3:19190016-	0.851564	0.138779
FAM138C	TSS4672	chr9:34393-350	0.0432681	0.036336
KRTAP3-3	TSS3292	chr17:3914968-	0	0
ZFP42	TSS9917	chr4:188916924-	0	0.0278568
SOX17	TSS19646	chr8:55370494-	0	0
LINC00844	TSS15352	chr10:60759270-	0	0
RNASE10	TSS21230	chr14:20978630-	0	0
GUCA1A	TSS11992	chr6:42123143-	0	0
PTGS2	TSS32820	chr1:186640940-	0.0963749	0
SPRR2B	TSS30677	chr1:153042700-	0	0
LINC00708	TSS5746	chr10:8301294-	0	0
SPP1	TSS21974	chr4:88896801-	0	0
TCEB3CL	TSS653	chr18:44542730-	0.0235505	0.00729117
PTHLH	TSS13020,TSS	chr12:28111010-	0	0
TSG1	TSS3640	chr6:94416800-	0	0
ADAM30	TSS16329	chr1:120436150-	0	0
TMTC1	TSS32945,TSS	chr12:29653740-	0	0
SFTA2	TSS23136	chr6:30899126-	0	0
MATN4	TSS18199,TSS	chr20:43922080-	0.230157	0
OTX2	TSS1439,TSS4	chr14:57267424-	0	0
KIF2B	TSS29583	chr17:51900230-	0	0
GAGE12G	TSS22047	chrX:49335002-	1.25E-10	0
YBX2	TSS21700	chr17:7191570-	0	0.037748
KRTAP10-12	TSS20970	chr21:46117080-	0	0
KCTD14	TSS19041,TSS	chr11:77726760-	0	0
ADGRL4	TSS4511	chr1:79355448-	0	0
LOC101929497	TSS28622	chr11:12714090-	0	0
LINC01069	TSS482	chr13:78553900-	0	0
SLC16A2	TSS15794	chrX:73641327-	0.0524549	0.00811949
TBX3	TSS13902	chr12:11510800-	0.210467	0.0354047
MIR3654	TSS13564	chr11:62327634-	0	0
C20orf141	TSS13696,TSS	chr20:2795632-	0	0
KRTAP9-7	TSS15046	chr17:39431940-	0	0
CETN1	TSS3742	chr18:5803420-	0	0.0640981
MAGEE2	TSS26841	chrX:75002822-	0	0
DSCAS	TSS12994	chr18:28681550-	0	0
BDKRB1	TSS24586	chr14:96722540-	0	0

OR52J3	TSS55	chr11:5067755-	0	0
CHI3L1	TSS27134	chr1:203148058	0.249584	0.0773207
HSPA12A	TSS27071	chr10:11843070	0	0.00193602
ZBBX	TSS27726,TSS	chr3:166958076	0	0
CPED1	TSS503,TSS71	chr7:120628750	0.0679038	0.0713787
IL9R	TSS15302	chrY:59330251-	0.556081	0.365681
TCF15	TSS14457	chr20:584636-!	0	0
FXYD4	TSS11475	chr10:4386709-	0	0
LOC101929312	TSS15943	chr20:7328079-	0	0
OR51V1	TSS26480	chr11:5220964-	0	0.0404366
FOXR2	TSS3142	chrX:55649832-	0	0
PRSS45	TSS18184	chr3:46783580-	0	0
TNMD	TSS24492	chrX:99839789-	0	0
PSG7	TSS23681	chr19:43428280	0	0
OR51B6	TSS28496	chr11:5372737-	0	0
KCNA4	TSS23750	chr11:3003128-	0.155874	0
DRright_similar_	-	chrEBV(Akata_	0	4.26841
TRHDE	TSS10432	chr12:72666528	0	0
ASCL4	TSS27135	chr12:10816816	0.577565	0
MIR3615	TSS23170	chr17:7274475-	0	0
CRLF2	TSS20521	chrX:1314893-	0	0.0551641
PRR9	TSS27386	chr1:153190059	0	0
GZMK	TSS20727	chr5:54320106-	0	0
OR7A5	TSS24969	chr19:14937138	0	0.065505
KRTAP5-3	TSS32067	chr11:1628794-	0	0
HS3ST6	TSS29255	chr16:1961464-	0	0
GNG12	TSS25593	chr1:68167148-	0	0
EREG	TSS21299	chr4:75230859-	0	0.043397
CPEB1	TSS17796,TSS	chr15:83211950	0.0466111	0.249909
STXBP5L	TSS6327	chr3:120627049	0	0
FLJ43879	TSS28881	chr2:23984099-	0	0
HBE1	TSS26041	chr11:5289579-	0	0
ROPN1L	TSS19437	chr5:10441973-	0	0
DMRTC2	TSS13960	chr19:42349085	0	0
MIR7515HG	TSS28338	chr2:6789238-!	0	0
SNAR-A1	TSS33622	chr19:48421685	0	0
SPINK7	TSS25878	chr5:147691989	0	0
ZNF806	TSS15983	chr2:133064716	0	0.0189888
CREB3L3	TSS8259	chr19:4153597-	0	0
GPR158-AS1	TSS29156	chr10:25447000	0	0
TNFRSF10C	TSS265	chr8:22960326-	1.59124	0.592067
LINC00871	TSS26174,TSS	chr14:4653336-	0	0
LOC101928995	TSS8998	chr1:116461996	0	0
PCDH9	TSS13769	chr13:66876965	1.25263	0.622737
ANOS1	TSS28115	chrX:8496914-!	0.0746108	0
CPS1-IT1	TSS21523	chr2:211482294	0	0
LINC00967	TSS27423	chr8:67104348-	0	0
CHIAP2	TSS11130	chr1:111823145	0	0
LHFPL5	TSS14221	chr6:35773070-	0	0
DIAPH3-AS1	TSS18977,TSS	chr13:6058685-	0	0
EFNA2	TSS5912	chr19:1286152-	0	0.0653722
C1orf68	TSS21689	chr1:15269199-	0	0
FAM43B	TSS19304	chr1:20878931-	0	0.00568508
LCE2B	TSS15588	chr1:152658598	0	0
G6PC2	TSS30659	chr2:169757749	0	0

BEND7	TSS17887	chr10:13480480	0	0
OR8K1	TSS4885	chr11:56113514	0	0
DAGLA	TSS10482	chr11:61447904	0	0.0230827
GAST	TSS21455	chr17:39868571	0	0
C14orf132	TSS19293	chr14:96505660	0.150137	0.111868
GRIN2A	TSS14662,TSS	chr16:98472611	0.0120519	0.0589457
EYA2	TSS2994	chr20:45523262	0.598616	0.369201
IL36B	TSS23272	chr2:113779667	0	0
HSD3B1	TSS27759	chr1:120049825	0.137735	0
AADAT	TSS22289,TSS	chr4:170981372	0	0
MYOG	TSS11390	chr1:203052250	0	0
SPATA31C2	TSS20757	chr9:907442191	0	0
CDSN	TSS21174	chr6:310828641	0	0
LOC80078	TSS26678	chr6:800173851	0.0224264	0.0781087
FAM135B	TSS26504	chr8:139142265	0	0
OVOL1-AS1	TSS18401	chr11:65556471	0	0
LOC101927845	TSS25887	chr8:135862171	0	0
SORCS3-AS1	TSS5962	chr10:10642430	0	0
LINC00322	TSS23707	chr21:44742088	0	0
EDDM3B	TSS29489	chr14:21236585	0	0
AGXT	TSS33588	chr2:241808161	0	0
DPP6	TSS12358,TSS	chr7:153584181	0.27764	0.0204695
LINC01068	TSS399	chr13:80140861	0	0
LOC642426	TSS9442	chr14:19407014	0	0
OR9I1	TSS9994	chr11:57885971	0.535472	0
C3orf36	TSS490	chr3:133646989	0	0
VTRNA1-1	TSS24098	chr5:140090860	0	76.3936
SASH1	TSS11303	chr6:148663728	0	0.0769973
GLRA4	TSS4610	chrX:10296227	0	0
PABPC5-AS1	TSS392	chrX:906699011	0	0
PRRX2	TSS15129	chr9:132427919	0.0364905	0
OPN1MW	TSS32693	chrX:153448081	0	0
LOC102724958	TSS30186	chr19:29459374	0	0
OR10A2	TSS32124	chr11:68909851	0.0559167	0
CALCB	TSS1118	chr11:15095145	0	0
MIR181B1	TSS18621	chr1:198828001	17.3765	0
C6orf118	TSS13044	chr6:165693152	0	0
SNORD90	TSS363	chr9:125642491	0	0
LOC101929106	TSS28665	chr3:186914871	0	0
OR1J4	TSS1099	chr9:125281419	0	0
IL1RN	TSS20186,TSS	chr2:113875469	0.581763	0.388589
LOC63930	TSS4470	chr20:61640734	0	0.0403494
METTTL7B	TSS26885	chr12:56075329	0	0.0965251
PENK	TSS10998,TSS	chr8:573535121	0	0
ROR1-AS1	TSS12364,TSS	chr1:645601241	0	0
DPYSL3	TSS5371,TSS7	chr5:146770370	0	0
LHCGR	TSS1024	chr2:489139121	0.299199	0
KIR2DL4	TSS3367	chr19:55315060	0	0.123423
KRT19	TSS3578	chr17:39679868	0.223718	0
TMCO5B	TSS29360	chr15:33528670	0	0
LOC102724034	TSS28	chr15:84977315	0.0679846	3.02E-07
LOC101929279	TSS7832	chr10:30500780	0	0
IL26	TSS22614	chr12:68595128	0	0
HSD52	TSS32808	chr1:595976071	0	0
OR5A2	TSS11985	chr11:59189451	0	0

KU-MEL-3	TSS15578	chr6:4610798-4	0	0
PCAT18	TSS16691	chr18:24267584	0	0.106207
KRT81	TSS22471	chr12:52679696	0	0
PCDHAC2	TSS33192,TSS	chr5:140345746	0	0.00432384
SPATA31A1	TSS26438	chr9:39884941-	0.0245568	0
CSN1S2AP	TSS14840	chr4:70933102-	0	0
LOC100507391	TSS22151	chr3:194429149	0	0
C1QTNF2	TSS8918	chr5:159774774	0	0.0723657
NKX2-8	TSS23124	chr14:37049219	0	0
TRIML1	TSS12150	chr4:189060597	0	0
SPATA31D4	TSS24037	chr9:84543342-	0	0
PTK7	TSS13260,TSS	chr6:43044005-	0	0
GSC2	TSS4213	chr22:19136506	0	0
RFX6	TSS1753	chr6:117198379	0	0
RNF150	TSS12149	chr4:141786724	0	0.00957295
CT47A9	TSS12410	chrX:120111460	0	0
HTR1E	TSS16570	chr6:87647023-	0	0.0257405
GPR139	TSS26241	chr16:20043044	0	0
S100A8	TSS1026	chr1:153362507	74.51	17.7199
SALRNA2	TSS26826	chr15:70927587	0	0
ADARB2-AS1	TSS23478	chr10:1568824-	0	0
DPPA2P3	TSS6960	chr3:193710884	0	0
OR4C6	TSS10236	chr11:55432644	0	0
ACTL9	TSS15112	chr19:8807746-	0	0
PKP1	TSS15703	chr1:201252579	0	0
LOC100506858	TSS167	chr5:2303833-2	0	0
ALPL	TSS5509	chr1:21835857-	2.44883	11.1476
FSTL3	TSS11530	chr19:676388-6	0.604658	1.58342
C15orf48	TSS30229	chr15:45722726	2.54136	0.529025
CFAP221	TSS29602	chr2:120302007	0	0
LIFR	TSS24697,TSS	chr5:38475064-	0	0
SEC16B	TSS1791	chr1:17789824-	0	0
POTEC	TSS6417	chr18:14511736	0	0
OTOP2	TSS2595	chr17:72920369	0	0.00108678
CT47B1	TSS24254	chrX:12000645	0	0
THSD4-AS2	TSS9680	chr15:71981039	0	0
CT45A6	TSS496	chrX:134866219	0	1.79E-11
ZNF735	TSS28689	chr7:63667580-	0	0
OR4A47	TSS30301	chr11:48510344	0	0
USP29	TSS5674	chr19:57631508	0	0
FOXD1	TSS29991	chr5:72742084-	0	0.000903666
HNF4G	TSS10807	chr8:76452202-	0	0
SPATA17	TSS14986	chr1:217804669	0	0.00382782
FMO9P	TSS23314	chr1:166573152	0	0
LOC644145	TSS29584	chr4:56686236-	0	0
ZP2	TSS28955	chr16:21208774	0	0
LINC00692	TSS23915	chr3:25900022-	0	0
SP5	TSS20590	chr2:171571856	0	0
LOC101928443	TSS27150,TSS	chr11:69902339	0	0.339638
CXCR2	TSS22440,TSS	chr2:218990014	2.18875	0.427074
CXorf36	TSS15073	chrX:45007617-	0	0
CXorf49B	TSS11195	chrX:70983139-	0	0
BPIFC	TSS9677	chr22:32809836	0	0
AKAP4	TSS15321,TSS	chrX:49955410-	0	0
CSTL1	TSS30228	chr20:2342032-	0	0

CHGB	TSS1701	chr20:5891973-	0	0
OR10J3	TSS4807	chr1:159283459	0	0
CYP26C1	TSS32761	chr10:94821020	0	0
AXDND1	TSS32165,TSS	chr1:179334854	0	0.0262117
C9orf135	TSS32096	chr9:72435720-	0	0
TAAR5	TSS31058	chr6:132909730	0	0.19775
MASP1	TSS28682	chr3:186933874	0	0
LOC440040	TSS26444	chr11:49580079	0	0.0347238
C6	TSS10000,TSS	chr5:41142247-	0	0
CT47A1	TSS5339	chrX:120116320	0	0
FAM46D	TSS10773,TSS	chrX:79591002-	0	0
PCDH20	TSS5842	chr13:61983818	0	0.020997
HGF	TSS37	chr7:81331443-	0	0
F9	TSS26849	chrX:13861289-	0	0
PADI4	TSS12101	chr1:17634689-	1.29524	0.261533
RFPL4B	TSS30763	chr6:11266853-	0	0
LOC101927159	TSS5685	chr20:41314124	0	0
SPRR2A	TSS12423	chr1:153028594	0	0
NRN1	TSS33045,TSS	chr6:5998232-6	0.728182	0
WFDC13	TSS10929	chr20:44330654	0	0
PRAMEF19	TSS32316	chr1:13474052-	0.0213105	0.00825095
BARX2	TSS28941	chr11:12924588	1.01594	0.122386
PRAMEF5	TSS3489	chr1:13359818-	0	0
GABRB3	TSS1212,TSS2	chr15:26788690	0.0032985	0.0106441
KNCN	TSS20459	chr1:47011315-	0	0
LOC101927419	TSS5092	chr10:10301257	0	0.0942385
LINC00504	TSS25173	chr4:14472089-	0	0
GPC5-AS2	TSS19443	chr13:92992046	0	0
NKX6-1	TSS5160	chr4:85414435-	0	0
RFPL4A	TSS26311	chr19:56270506	0	0
TFF3	TSS31011	chr21:43731776	0	0
LINC00547	TSS32309	chr13:38109076	0	0
SPATA31A1	TSS30110	chr9:39355665-	0.0435774	0
MPZ	TSS21012	chr1:161274524	18.3465	7.90746
PRKCDBP	TSS12126	chr11:6340175-	0	0
CLRN1-AS1	TSS18695	chr3:150690464	0	0
CCDC3	TSS11109,TSS	chr10:12938624	0	0.163067
MACROD2-AS	TSS10452	chr20:14864898	0	0
ABCA8	TSS11295	chr17:66863427	0	0
HIST1H4G	TSS20109	chr6:26246838-	0	0
KRT16P2	TSS14193	chr17:16733796	0	0
HMX3	TSS1699	chr10:12489556	0	0
DSG3	TSS1120	chr18:2902773-	0	0.0419481
MMP12	TSS21495	chr11:10273346	0	0.113332
IRX3	TSS28860	chr16:5431721-	0	0
KRT36	TSS3676	chr17:39642387	0	0
SPG20-AS1	TSS281	chr13:36920567	0	0
GRIN2B	TSS14343	chr12:13714409	0	0
ZNF32-AS3	TSS26061	chr10:44124264	0	0
LINC01087	TSS25838	chr2:132394597	0	0.0192707
LOC101928272	TSS28912	chr10:9239328-	0	0.0460431
FAM138D	TSS7960	chr12:67606-69	0	0.00842024
LOC79160	TSS28411	chr20:57209827	0	0
MCAM	TSS756	chr11:11917920	0.210751	0.152936
OR6Y1	TSS881	chr1:158516917	0	0

CCBE1	TSS19497	chr18:57098170	0	0.0379484
LOC101928398	TSS3048	chr21:40229462	0	0
FAM163A	TSS27143	chr1:179712297	0	0
BDNF	TSS14889,TSS	chr11:27676447	0.0810796	2.57E-126
LINC00557	TSS559	chr13:95612294	0	0
LOC101928093	TSS23719	chr5:172182505	0	0
IL22	TSS13504	chr12:68642024	0	0.0988748
SSX5	TSS4398	chrX:480456557	0	0
MANSC1	TSS28096	chr12:12482217	0.313123	0
SPANXA1	TSS3072	chrX:140671791	0	0
OR4F15	TSS10508	chr15:10235838	0	0
PLOD2	TSS11074	chr3:145787227	0	0
OR6C2	TSS33557	chr12:55845997	0	0
OR4F16	TSS14456	chr1:621095-62	0	0
FAM101A	TSS5136	chr12:12477370	0.483469	0
ACOT12	TSS33061	chr5:80625946-	0	0
TMEM210	TSS32606	chr9:140065379	0	0
LINC00520	TSS19885	chr14:56247852	0	0.0526238
HTR3D	TSS29450,TSS	chr3:183749337	0	0
FAM47C	TSS15093	chrX:37026431-	0	0
GFY	TSS8624	chr19:49929687	0	0.0418098
OR3A2	TSS26718	chr17:3181183-	0	0
MIR637	TSS34233	chr19:3961411-	0	0
GIP	TSS6496	chr17:47035917	0	0
ADAMTS12	TSS18715	chr5:33527286-	0	0
LOC102031319	TSS724	chr10:32636297	0	0
HAGLR	TSS12286,TSS	chr2:177037916	0	0
PRSS21	TSS12740	chr16:2867163-	1.204	2.23979
STK32A	TSS1759	chr5:146614578	0.0409702	0.0448812
LINC01019	TSS6857	chr5:3417265-7	0	0
SCARNA20	TSS18910	chr17:58308876	0	0
MYO7A	TSS29785,TSS	chr11:76839309	0.0642509	0.0330254
KLK15	TSS22682	chr19:51328544	0.706925	0
LOC645382	TSS29163	chr1:13629931-	0	0
CAV1	TSS20341,TSS	chr7:116164838	0.790102	0.327075
WFDC12	TSS33746	chr20:43752066	0	0
DOC2B	TSS489	chr17:6010-314	0	0.0356147
LAIR2	TSS1818	chr19:55014012	0	0.843933
CXorf49	TSS18634	chrX:70934223-	0	0
EIF2B5-AS1	TSS20938	chr3:184264507	0	0
LOC101927580	TSS4215	chr16:59889256	0	0.0115238
CGA	TSS9321	chr6:87795215-	0	0
TENM2	TSS12914	chr5:166711842	0.0703872	0.00294991
LINC01591	TSS33364	chr8:136246370	0	0
RBMXL3	TSS32929	chrX:114423960	0	0
SLC35F4	TSS5439	chr14:58030639	0	0.00297256
FIBIN	TSS28862	chr11:27015627	0	0
LOC339298	TSS28101	chr18:73834952	0	0.0122848
PABPC1L2B- <i>AS1</i>	TSS14392	chrX:72218226-	0	0.0484474
PABPC1L2B- <i>AS2</i>	TSS5019	chrX:72300005-	0	0.0484474
KRTAP4-9	TSS20059	chr17:39261640	0	0
ESRRB	TSS22709	chr14:76837689	0	0
PLEKHG4B	TSS27757	chr5:140372-19	0.00734863	0
KRT40	TSS21166	chr17:39133967	0	0
MOCOS	TSS8944	chr18:33767479	0	0.163885

FOXA1	TSS13958	chr14:38058750	0	0
TTY2	TSS10022	chrY:6274284	0	0
PWRN2	TSS16798	chr15:2440992	0	0.0780441
LINC01015	TSS11275	chr6:29497182	0	0
COL4A2	TSS6447	chr13:1109596	0	0.0441043
ZDHHC19	TSS20271	chr3:19592432	0	0
GALNTL5	TSS9413	chr7:15165346	0	0
MAGEA10-MA	TSS16387	chrX:15128250	0	0
SCARNA1	TSS16729	chr1:28160911	49.768	0
PABPC4L	TSS19914	chr4:13511748	0.165862	0
SPINK6	TSS22909	chr5:14758235	0	0
LINC00856	TSS34150	chr10:8000838	0	0
BPIFA1	TSS30956	chr20:3182380	0	0
C8orf86	TSS16635	chr8:38368351	0	0
LOC643711	TSS11231,TSS	chr12:9810718	0	0.188192
LOC103191607	TSS3113	chr13:5290842	0	0
LOC644070	TSS22117	chr17:9705702	0	0
KRTAP4-4	TSS30536	chr17:3931590	0	0
KIRREL3-AS3	TSS998	chr11:1268728	0	0.0403279
PLCE1-AS1	TSS30369	chr10:9603904	0	0
KRTAP21-2	TSS846	chr21:3211926	0	0
PDX1	TSS12990	chr13:2849416	0	0
OR6T1	TSS2353	chr11:1238135	0	0
GALP	TSS26040	chr19:5668738	0	0
LINC01584	TSS33225	chr15:8662657	0	0
LOC646743	TSS23370	chr2:13129414	0	0
LOC101928401	TSS19396	chr7:56601922	0	0
LOC101929415	TSS10901	chr8:57358365	0	0
CMTM2	TSS26394	chr16:6661335	0.735795	0.0878061
LINC01242	TSS8029	chr9:30388932	0	0.0890483
LINC01559	TSS20741	chr12:1352360	0	0
MUC17	TSS10157	chr7:10066336	0	0
SPANXN2	TSS29565	chrX:14279513	0	0
ADGRF1	TSS21943	chr6:46965439	0	0.076154
LOC101929753	TSS4166	chr2:17119702	0	0
GJD2	TSS3059	chr15:3504464	0	0
GS1-600G8.3	TSS16410	chrX:13328770	0	0.0155026
SLC26A8	TSS18736,TSS	chr6:35911290	0	0.0647553
OPN1MW2	TSS691	chrX:15348520	0	0
LOC101929681	TSS429	chr5:29380195	0	0
OR51L1	TSS22009	chr11:5020212	0	0
MIR7846	TSS6446	chr1:12226999	0	0
OR4C3	TSS6267	chr11:4834649	0	0.274789
LINC00411	TSS25136	chr13:1015917	0	0
OR6K6	TSS1213	chr1:15872460	0	0
LINC01201	TSS24742	chrX:13015044	0	0
OR8H3	TSS30205	chr11:5588984	0	0
CRYGC	TSS12350	chr2:20899286	0	0
CACNA1C-AS	TSS29800	chr12:2329702	0	0
OR1L1	TSS11192	chr9:12542399	0	0
MIR1227	TSS25190	chr19:2234060	0	0
OR5AN1	TSS11934	chr11:5913193	0	0
KRT37	TSS6489	chr17:3957680	0	0
BRDTP1	TSS24918	chrX:95592084	0	0
MIR4653	TSS6935	chr7:10080275	0	0



PAQR9-AS1	TSS22052	chr3:14268289	0	0
OR4N3P	TSS24088	chr15:2241346	0	0
SYT7	TSS15197	chr11:6128118	0.0832734	0.107399
OR6F1	TSS22741	chr1:24787513	0	0
MIR330	TSS24952	chr19:4614225	0	0
MIR548I3	TSS13917	chr8:7946462	0	0
CASC19	TSS26085	chr8:12820003	0	0
LRRC9	TSS6192	chr14:6038643	0	0
RPE65	TSS16250	chr1:68894506	0	0
LBX1	TSS5742	chr10:1029867	0	0
C3orf30	TSS9790	chr3:11886499	0	0
CT45A4	TSS496	chrX:13486621	0	0.0680273
LINC00867	TSS23571	chr10:1201166	0	0
ANKRD63	TSS24383	chr15:4057364	0	0
C16orf78	TSS34030	chr16:4940771	0	0
MIR622	TSS13413	chr13:9088343	0	0
LOC100506281	TSS1987	chr16:7526028	0	0
TSHB	TSS34208,TSS	chr1:11557244	0	0
KRTAP3-1	TSS21676	chr17:3916477	0	0
TTTY21B	TSS6970	chrY:6311474	0	0
TTTY21B	TSS18962	chrY:9555261	0	0
ZNF847P	TSS2086	chr1:22788473	0	0
KRTAP19-8	TSS17024	chr21:3241047	0	0
GRTP1-AS1	TSS22258	chr13:1140059	0.149273	0
MIR4313	TSS15635	chr15:7605455	0	0
LOC10192849	TSS31046	chrX:12524374	0	0
OR8U1	TSS23953	chr11:5614309	0	0
WFDC11	TSS24530	chr20:4427720	0	0
USH1C	TSS17193	chr11:1751544	0	0
MIR7703	TSS1538	chr14:2461269	0	0
C6orf141	TSS25638	chr6:49518112	0	0
LOC10192704	TSS16483	chr6:49783205	0	0
HPR	TSS3077	chr16:7209712	0	0
LOC284379	TSS16779	chr19:5410288	0	0
LOC10192961	TSS17501	chr16:3048955	0	0
GNGT1	TSS14704	chr7:93535819	0	0
MRGPRG	TSS15920	chr11:3239173	0	0
LINC00850	TSS9216	chrX:14895863	0	0
LOC10192856	TSS29228	chr5:57403458	0	0
MIR1182	TSS32569	chr1:23115557	0	0
UGT1A9	TSS853	chr2:23458054	0	0
LINC00113	TSS29695	chr21:2909469	0	0
BMP7-AS1	TSS3504	chr20:5578875	0	0
STARD13-AS	TSS30595	chr13:3385169	0	0
LOC388406	TSS21805	chr17:5864190	0	0
ADAM7	TSS3929	chr8:24298508	0	0
SPAG11B	TSS26361	chr8:7705401	0	0
MMP3	TSS32214	chr11:1027065	0	0
HOXD1	TSS22708	chr2:17705330	0	0
KRT24	TSS18609	chr17:3885424	0	0
LOC10192797	TSS16326	chr6:5452700	0	0
GM140	TSS19450	chr1:18120552	0	0
LINC00290	TSS23061	chr4:18198524	0	0
LOC100507201	TSS3350	chr2:81688482	0	0
TTTY2	TSS27515	chrY:9573894	0	0

LOC729658	TSS21117	chr6:163602670	0	0.110917
OR4B1	TSS4870	chr11:48238360	0	0
SYNE1-AS1	TSS10064	chr6:152701664	0	0
VPS13A-AS1	TSS11555	chr9:797916710	0	0
MIR4315-1	TSS31065	chr17:62818140	1.48E-10	0
PTH2	TSS24472	chr19:49925670	0	0
HOXC-AS1	TSS12656	chr12:54392800	0	0
FSHB	TSS14754	chr11:30252560	0	0
NKX6-2	TSS17301	chr10:13459830	0	0
AVP	TSS12308	chr20:30632010	0	0
OR5AC2	TSS12643	chr3:978060160	0	0
LINC00162	TSS15552	chr21:46419120	0	0
MIR4500HG	TSS12296	chr13:88096240	0	0.00305837
SYT14P1	TSS13555	chr4:689263270	0	0
STPG2-AS1	TSS10732	chr4:982880760	0	0
AOX2P	TSS24616	chr2:201560440	0	0.0527847
KCTD8	TSS29615	chr4:441759190	0	0.0931224
GLYCAM1	TSS32001	chr12:55001970	0	0
ETNPPL	TSS2905	chr4:109663200	0	0
MIR8078	TSS31616	chr18:11225500	0	0
PRSS58	TSS4432	chr7:141951950	0	0
CXCR1	TSS10637	chr2:219027560	0.431417	0.0278347
POTEB	TSS4997	chr15:22051850	0	9.61E-06
PMFBP1	TSS11914,TSS	chr16:72152990	0.0892419	0.0394716
LINC01246	TSS18319,TSS	chr2:67662400	0	0
SNORD42A	TSS5834	chr17:27050440	0	0
SNORD127	TSS1841	chr14:45580070	0	0
LINC00221	TSS29251	chr14:10693840	0	0
LOC101926940	TSS807	chr5:395205320	0	0
PRRG3	TSS10560,TSS	chrX:150863720	0	0
LINC01487	TSS12342	chr3:154958730	0	0
GNAT3	TSS5068	chr7:800879860	0	0.0119907
GKN1	TSS9138	chr2:692017040	0	0.197982
NEGR1-IT1	TSS19095	chr1:722599140	0	0
TAS2R40	TSS22560	chr7:142919170	0	0
LOC101929470	TSS15253	chr11:12693680	0	0
USP17L8	TSS25830	chr8:78291820	0.037458	0
OR4C16	TSS27981	chr11:55339600	0	0
SLC5A12	TSS11801	chr11:26688560	0	0.00530121
KRT27	TSS665	chr17:38933050	0	0
SNORD5	TSS20022	chr11:93466390	0	0
DEFA8P	TSS17907	chr8:68082470	0	0
SNORD116-3	TSS5324	chr15:25302000	0	0
SNORD116-3	TSS5391	chr15:25318250	0	0
LINC00554	TSS33204	chr13:10064710	0	0
KRTAP6-3	TSS9557	chr21:31964750	0	0
LINC00642	TSS29846	chr14:90921570	0	0
GLP2R	TSS414	chr17:97288670	0	0
LOC100130452	TSS17716	chr2:197565350	0	0
COL14A1	TSS3234	chr8:121137340	0.00055177	0.00683139
LOC102724511	TSS31695	chr6:170475860	0	0
CASC17	TSS18615	chr17:69093910	0	0.204402
TH	TSS25221	chr11:21851580	0	0
CLPSL2	TSS34167	chr6:35744370	0	0
LINC01099	TSS31556	chr4:178733190	0	0

HSD17B2	TSS29848	chr16:82068857	0.164462	0
NPY5R	TSS12939	chr4:164265090	0	0
LOC286370	TSS28737	chr9:92782935-	0	0
VSIG2	TSS24361	chr11:12461736-	0	0
CNTNAP3	TSS9859	chr9:39072763-	0.0477713	0.108055
KCNJ16	TSS29485,TSS	chr17:68071365-	0.0994651	0.0171019
SRPX2	TSS15287	chrX:99899162-	0	0
SLC28A3	TSS2924,TSS5	chr9:86890764-	0	0.00737867
TCEB3C	TSS30273	chr18:44554572-	9.83E-06	8.42E-06
DUSP27	TSS4802	chr1:167064086-	0	0
MIR3653	TSS5379	chr22:29729146-	0	0
CST11	TSS31948	chr20:23431040-	0	0
SHROOM2	TSS1765	chrX:9754495-1	0	0.0412991
CCER1	TSS13126,TSS	chr12:9134599-	0	0
HSPB2-C11orf	TSS7072	chr11:11178345-	0	0
CLCA2	TSS26226	chr1:86889768-	0	0
LOC440446	TSS31916	chr17:49414075-	0	0
PAEP	TSS16235	chr9:138453600-	0	0.0292643
LOC550113	TSS31165	chr4:68919225-	0	0
SNAP25	TSS19447	chr20:10199476-	0	0
OR52L1	TSS33682	chr11:6007121-	0	0
CYP4A22	TSS12544	chr1:47603096-	0	0
OR2G3	TSS13269	chr1:247768887-	0	0.338782
OR51F1	TSS28091	chr11:4790208-	0	0
LINC01351	TSS18721,TSS	chr1:190447389-	0	0
SNORA70B	TSS8142	chr2:61644378-	0	0
SMR3B	TSS23890	chr4:71248794-	0	0
OR1D2	TSS25651	chr17:2995351-	0	0
KRTAP6-1	TSS10159	chr21:31986004-	0	0
LOC102546299	TSS13549	chr5:163897284-	0	0
SEC14L4	TSS4147	chr22:30884897-	0	0.048855
OR2B3	TSS16020	chr6:29053984-	0	0.103198
TAS2R16	TSS23838	chr7:122634758-	0	0
MIR3680-1	TSS2054	chr16:21517369-	0	0
IGSF3	TSS19731,TSS	chr1:117117019-	0	0.0203282
MMD2	TSS14052	chr7:4931875-4	0	0
KRTAP8-1	TSS11451	chr21:32185014-	0	0
SNORD125	TSS26965	chr22:2972915-	0	0
KRTAP5-5	TSS4379	chr11:1651032-	0	0
SNORD1C	TSS24147	chr17:74554870-	0	0
LINC00307	TSS28657	chr21:31581468-	0	0
MLIP-IT1	TSS21447	chr6:53863687-	0	0
C1orf226	TSS3604,TSS6	chr1:162348695-	0	0.032601
DEFB124	TSS29517	chr20:30053308-	0	0
MAOB	TSS11743	chrX:43625856-	0	0
FAP	TSS21339	chr2:163027190-	0	0
LUZP4	TSS24603	chrX:114524280-	0	0
THSD7A	TSS3209	chr7:11410061-	0.0360206	0.0278693
LINC01402	TSS27578	chrX:11925155-	0	0
LINC00488	TSS21027	chr3:10889701-	0	0
SNAR-A14	TSS12723	chr19:50610270-	0	0
MORC1	TSS18490	chr3:108677086-	0	0
FLJ34503	TSS20589	chr6:114225550-	0	0
LOC101928491	TSS17419	chr6:17501595-	0	0
LOC101929371	TSS611	chr20:9966980-	0	0.155402

TNFRSF11B	TSS33533	chr8:119935795	0	0
ATRNL1	TSS28986	chr10:11685312	0.0271839	0.231608
LINC01124	TSS14067	chr2:171568948	0	0
OR52A1	TSS18530	chr11:5172660-	0	0
MIR4688	TSS8997	chr11:4639795-	0	0
SNORD45A	TSS20539	chr1:76253573-	0	0
LINC00684	TSS33761	chrX:72158002-	0	0
OTOP1	TSS20735	chr4:4190529-4	0	0.0189665
OR1L4	TSS13438	chr9:125486268	0	0
C8orf34-AS1	TSS29593	chr8:69215702-	0	0.0450601
LINC01330	TSS9349	chr3:167613735	0	0
PKIB	TSS1911,TSS2	chr6:12279306-	0	0.0225606
DEFB131	TSS2570	chr4:9446259-9	0	0
LINC00606	TSS4954	chr3:10801168-	0	0.0477747
FMO3	TSS22264	chr1:17106001-	0	0.00560451
ADAD1	TSS14074,TSS	chr4:123300120	0	0
ANO2	TSS10155,TSS	chr12:5671816-	0.00235278	0
DIO3	TSS20148	chr14:10202768	0	0
TTY13	TSS9890	chrY:23745485-	0	0
LINC00930	TSS25849	chr15:9311104-	0	0.0202399
PGPEP1L	TSS277,TSS29	chr15:99511458	0	0
GABRA2	TSS10640,TSS	chr4:46251580-	0	0
C1GALT1C1L	TSS33264	chr2:43902291-	0	0
SCGB2B3P	TSS12147	chr19:3513677-	0	0
TSPY4	TSS12017,TSS	chrY:9195451-	0	0
PDZRN4	TSS25396,TSS	chr12:41582249	0	0
NARR	TSS32543	chr17:27043010	1.27E-81	6.43E-148
CAMKV	TSS15955	chr3:49895421-	0	0.112796
MIR6729	TSS26251	chr1:12089214-	0	0
WIF1	TSS25176	chr12:6544440-	0	0
DSCAM-AS1	TSS29181,TSS	chr21:41755009	0	0
BMP2	TSS23500	chr20:6748744-	0	0.130649
SPRR4	TSS3747	chr1:152943128	0	0
LRRC2-AS1	TSS797	chr3:46598887-	0	0
ST20-MTHFS	TSS33600	chr15:80135888	4.92E-40	2.40E-57
LINC01250	TSS17578	chr2:2898819-2	0	0.0741285
LINGO1-AS1	TSS9086	chr15:77934105	0	0
XDH	TSS10045	chr2:31557187-	0.0375616	0.0174399
PRAMEF19	TSS8313	chr1:13694888-	0.0213105	0.00825095
LINC01363	TSS30808	chr1:167144598	0	0
CEACAM16	TSS558	chr19:45202420	0	0
TNNI1	TSS1597	chr1:201372894	0.00697686	0.0431905
OR51F2	TSS17165	chr11:4842615-	0	0
IL1R2	TSS14583,TSS	chr2:102608305	1.08493	0.6326
PRAMEF4	TSS24905	chr1:12939032-	0	0.0167228
CEACAM18	TSS12729	chr19:51981896	0	0
FAM71C	TSS22027	chr12:10004152	0	0
FAM74A1	TSS7038	chr9:41306132-	0	0
OR4K2	TSS7203	chr14:20344426	0	0.581418
NEBL-AS1	TSS21993,TSS	chr10:21462918	0	0
MIR1236	TSS14724	chr6:31924615-	0	0
SST	TSS9636	chr3:18738669-	0	0
KRTAP12-2	TSS16116	chr21:46086105	0	0.169561
KRT33A	TSS1933	chr17:39502344	0.22344	0
BXLF2_1	-	chrEBV(Akata_	0	1.21708

OR6N2	TSS14643	chr1:15874647-	0	0
OR4L1	TSS25903	chr14:2052820-	0	0
TM4SF19-TCT	TSS7852	chr3:19604295-	0	7.28E-186
MEOX1	TSS11112,TSS	chr17:4171775-	0	0
GML	TSS1907	chr8:14391621-	0	0
OR1G1	TSS8782	chr17:3029903-	0	0
MIR940	TSS30298	chr16:2321747-	0	0
DEFB119	TSS9453	chr20:2996496-	0	0
COBL	TSS33404	chr7:51083908-	0	0.0221292
GSTA5	TSS28438	chr6:52696540-	0	0
SNORA2B	TSS18438	chr12:4906123-	0	0
BMP4	TSS33425,TSS	chr14:5441645-	0	0
EDDM3A	TSS16198	chr14:2121409-	0	0
CPA5	TSS31601	chr7:12998462-	0	0
LAMA3	TSS1162,TSS9	chr18:2126940-	0	0.000970288
OR4N5	TSS2033	chr14:2061189-	0.65777	0
PLS3-AS1	TSS29094	chrX:11475249-	0	0
MALL	TSS20324	chr2:11084144-	0	0.0446037
BHLHE22	TSS30384	chr8:65492794-	0.103255	0
ASCL1	TSS20600	chr12:1033514-	0.125939	0.0696469
BGLT3	TSS26910	chr11:5265783-	0.655697	0
ALDH1A2	TSS17861,TSS	chr15:5824562-	0.301694	0
MIR6859-4	TSS25677	chr1:17368-17-	0	0
MIR6859-3	TSS19794	chr16:67051-6-	0	0
MIR6859-2	TSS32138	chr15:1025137-	0	0
LOC10192702C	TSS18073	chr6:49779252-	0	0
MUC2	TSS7811	chr11:1074874-	0	0
FGF10	TSS10134	chr5:44305096-	0	0
LOC10192764C	TSS25833	chr6:11255779-	0	0
ATO1H1	TSS6834	chr4:94750077-	0	0
MIR4257	TSS12468	chr1:15052440-	0	0
CHRNA4	TSS21389	chr15:7891663-	1.24834	0
TEX26	TSS32630	chr13:3150683-	0	0.077754
LRRC4B	TSS451	chr19:5102014-	0.418373	0.127235
XAGE5	TSS6189	chrX:52841227-	0	0
SHISA2	TSS18731	chr13:2661873-	0	0
LRP1-AS	TSS26968	chr12:5753840-	0	0
ARHGAP26-IT	TSS14046	chr5:14257206-	0	0
LINC00661	TSS14500	chr19:1612644-	0	0.081309
CLYBL-AS1	TSS21687	chr13:1003779-	0	0
AMOTL2	TSS14340,TSS	chr3:13407418-	0	0.00667695
SLC26A4	TSS29366	chr7:10730107-	0.235711	0.235126
OR4K5	TSS15423	chr14:2038876-	0	0
EVX2	TSS19473	chr2:17694483-	0	0
FOXG1-AS1	TSS26617	chr14:2919444-	0	0
MIR6728	TSS12787	chr1:8926560-	0	0
HIST1H2APS1	TSS7678	chr6:25732660-	0	0
CHIT1	TSS24590	chr1:20318520-	0.560318	0.0804894
TAAR6	TSS20535	chr6:13289146-	0	0.111267
SNORD119	TSS10453	chr20:2443597-	0	0
UGT1A10	TSS10727	chr2:23454512-	0	0
TRIML2	TSS26732	chr4:18901242-	0	0
TTY6	TSS11749	chrY:24585739-	0	0
LINC01552	TSS31414	chr10:2349274-	0	0
LOC10192696E	TSS9986	chr2:15830905-	0	0

BPIFB3	TSS25540	chr20:31643136	0	0
MIR3064	TSS26087	chr17:62496897	0	0
LINC01029	TSS28887	chr18:75683257	0	0
PNLIPRP1	TSS12391,TSS	chr10:11835047	0	0.0227204
PLS3	TSS17271,TSS	chrX:114795170	0	0.0314583
LINC00993	TSS1813	chr10:37598116	0	0
LINC00588	TSS12209	chr8:58192101	0	0
NXNL1	TSS29048	chr19:17566236	0	0
OR8D4	TSS33969	chr11:12377716	0	0
SLC27A6	TSS10957,TSS	chr5:128301209	0	0
SNAR-A2	TSS26693	chr19:48437437	0	0
TFPI	TSS19200	chr2:188328957	0.00278086	0.0516555
CEACAM4	TSS7669	chr19:42125346	1.20432	0
DAZ1	TSS5361	chrY:25275501	0.0641689	2.61E-09
MT4	TSS16978	chr16:56598960	0	0
LINC01100	TSS24997	chr3:159738436	0	0
PRR32	TSS3484	chrX:125953740	0	0
LOC286083	TSS27547	chr8:12442937	0	0
MIR645	TSS31361	chr20:49202326	0	0
DBX2	TSS32933	chr12:45408536	0	0
MACC1-AS1	TSS4729	chr7:20181538	0	0
PRAMEF5	TSS24491	chr1:13108513	0	0
IL3	TSS26092	chr5:131396346	0	0
OR5P3	TSS22580	chr11:7846583	0.704253	0
LOC101928618	TSS30001	chr7:36134919	0	0
LOC101929058	TSS13730	chr12:10354567	0	0.127714
GALNT13	TSS14655,TSS	chr2:154728410	0	0.000825944
MYH8	TSS22201	chr17:10293647	0	0.000915898
EPS8L3	TSS16179	chr1:110292707	0	0
RMST	TSS27436	chr12:97858796	0	0
MBD3L2	TSS494	chr19:7049350	0	0
SLC15A5	TSS5935	chr12:16341416	0	0
MIR4507	TSS4006	chr14:10632429	516965	0
DEFB107A	TSS2015	chr8:73533677	0	0
FTLP10	TSS21622	chr4:69048009	0.0937241	0
SMIM21	TSS23315	chr18:73121430	0	0.0535885
CDX1	TSS6808	chr5:149546346	0	0.0201137
MIR1270	TSS2302	chr19:20510080	0	0
OR4N4	TSS29484	chr15:22382387	0	0
CAPN6	TSS27958	chrX:110488320	0	0
DRD3	TSS13454,TSS	chr3:113847496	0	0
LALBA	TSS6751	chr12:48961466	0	0
LOC102546228	TSS6074	chr5:125515269	0	0
RIPPLY2	TSS24095,TSS	chr6:84562984	0	0
CRISPLD1	TSS13394,TSS	chr8:75896707	0.0707777	0
HABP2	TSS15682,TSS	chr10:11531056	0	0
PHYHIPL	TSS29339,TSS	chr10:60936347	0	0
OR4F6	TSS5468	chr15:10234596	0	0
C8orf48	TSS24927	chr8:13424351	0	0
LOC644919	TSS19532	chr14:41423916	0	0.0164214
LINC01396	TSS25493	chr4:48461637	0	0
AMELX	TSS7509	chrX:11311532	0	0
VAT1L	TSS23151	chr16:77822460	0	0.00890394
ITGB8	TSS6700	chr7:20370724	0.014528	0.0374694
RXFP3	TSS27113	chr5:33936490	0	0

LOC340113	TSS30651	chr5:32947548-	0	0
KRT74	TSS2238	chr12:5295960-	0	0
LOC283332	TSS27273	chr12:5030266-	0	0
MIR573	TSS27874	chr4:24521814-	0	0
ITGA1	TSS6656	chr5:52084135-	0	0.0766729
LOC101927334	TSS1508	chr16:5105166-	0	0
CNTN4-AS2	TSS20800	chr3:2152092-	0	0
SCGB1C2	TSS29889	chr11:193079-	0	0
PRRT4	TSS30449	chr7:12799037-	0.48667	0
LOC100505984	TSS14289	chr2:16111422-	1.60319	0
LUM	TSS31999	chr12:9149723-	0	0
AMTN	TSS10304	chr4:71384288-	0	0
MIR647	TSS30174	chr20:6257398-	0	0
FAM197Y2	TSS1952	chrY:9207465-	0	0
ACTRT2	TSS14651	chr1:2938045-	0	0
CST9	TSS27469	chr20:2358304-	0	0
LOC642943	TSS13634	chr9:95644848-	0	0.0396212
KRT79	TSS23449	chr12:5321523-	0	0
B3GAT2	TSS16058	chr6:71571068-	0	0.0787375
SNORA78	TSS30101	chr16:2015184-	0	0
SLC6A18	TSS13789	chr5:1225469-	0	0
LINC01565	TSS19054	chr3:12829084-	0	0.0382682
LINC01331	TSS20080	chr5:73665200-	0	0
LOC102467081	TSS23706	chr5:54317126-	0	0
THEM5	TSS12202	chr1:15181957-	0	0.461888
OR10H1	TSS17755	chr19:1591781-	0	0
C1orf94	TSS20636,TSS	chr1:34632483-	0	0
OR2V2	TSS3451	chr5:18058194-	0	0
LINC00316	TSS21282	chr21:4675850-	0	0
OR2AG1	TSS31479	chr11:6806247-	0.150405	0
IL17REL	TSS25795	chr22:5043294-	0	0.046523
TMEM30C	TSS194	chr3:99904667-	0	0
DKFZP434K02	TSS14963	chr11:6152150-	0	0
CCK	TSS19595,TSS	chr3:42299317-	0	0
MIR7851	TSS27829	chr12:4271750-	0	0
TXNDC8	TSS24486	chr9:11306586-	0	0.212746
FMO6P	TSS4407	chr1:17110687-	0	0
IL36RN	TSS26725,TSS	chr2:11381621-	0	0
LOC649324	TSS1441	chr1:13194517-	0	0
STMN4	TSS27506	chr8:27092839-	0	0
LOC100130587	TSS29905	chr20:6199133-	0	0
SNORD96A	TSS21809	chr5:18066881-	0	0
C1QTNF8	TSS13850	chr16:1138225-	0	0
LOC102723544	TSS6507	chr12:362607-	0	0
S100A7A	TSS34035	chr1:15338899-	0	0
MYL3	TSS18942	chr3:46899356-	0	0
CNTFR-AS1	TSS2303	chr9:34568009-	0	0
MIR6076	TSS11570	chr14:5043311-	0	0
TM4SF18	TSS14868,TSS	chr3:14903628-	0	0.11035
LINC01490	TSS22626	chr12:8115693-	0	0
KIF1A	TSS24243,TSS	chr2:24165318-	0	0.084111
CT47A10	TSS17152	chrX:12007255-	0	0
LOC100287792	TSS22019	chr20:3630531-	0.0642928	0
CEACAM3	TSS17204	chr19:4230052-	0.233804	0.290039
LINC01014	TSS7985	chr3:17813698-	0	0

LOC101928942	TSS21642	chr4:82086093-	0	0.0613203
MAGEC3	TSS22654,TSS	chrX:14092610	0	0
SNORD26	TSS2088	chr11:62622760	8459.42	0
EPHA5-AS1	TSS20675	chr4:66535678-	0	0
IGSF21	TSS29412	chr1:18434239-	0	0
OR52M1	TSS15274	chr11:4566420-	0	0
LCE5A	TSS3154	chr1:152483310	0	0
TNP2	TSS30738	chr16:11361710	0	0
OR4K17	TSS7442	chr14:20585560	0	0
MIR4420	TSS6681	chr1:31212002-	0	0
MIR6748	TSS18115	chr11:62557280	0	0
GABRE	TSS6998	chrX:151121590	0	0
GBX2	TSS11888	chr2:237073870	0.365603	0
PTPRF	TSS24081	chr1:43996546-	0.0884723	0.12183
OR10X1	TSS5866	chr1:158548700	0	0
DEFB110	TSS18898	chr6:49976850-	0	0
VSTM2A	TSS14671	chr7:54610017-	0	0.0571552
LINC00581	TSS14499	chr6:21486291-	0	0
FBXL21	TSS29810	chr5:135266000	0	0
SLCO2A1	TSS6578	chr3:133651530	0	0
MGAM	TSS23856	chr7:141695670	0.396017	0.125129
DIRAS3	TSS22667	chr1:68511644-	0	0
SYCN	TSS9127	chr19:39693560	0	0
KRTAP19-6	TSS9399	chr21:31913850	0	0
LOC101929153	TSS14382	chr5:47735930-	0.591258	0
ASZ1	TSS11727	chr7:117003270	0	0
C8orf49	TSS6296	chr8:11618764-	0	0
MIR6133	TSS4978	chr7:132975630	0	0
SMPX	TSS15107	chrX:217240890	0	0
BFRF2_1	-	chrEBV(Akata_	0	0.184361
PPP1R2P9	TSS5852	chrX:42636616-	0	0
BAGE	TSS24226	chr21:11057790	0	0
BTBD16	TSS3471	chr10:12403080	0	0
LOC100506384	TSS11183	chr20:58201510	0	0
KIR3DL1	TSS17833	chr19:55327890	0.0240376	0
MIR5010	TSS9854	chr17:40666200	0	0
SPANXA1	TSS14385	chrX:140677830	0	0
LOC101928600	TSS19578	chr5:57837393-	0	0.0317577
LOC645354	TSS2772	chr1:13161985-	0	0
FGF12-AS1	TSS26971	chr3:191956410	0	0
LOC105616981	TSS10051	chr2:168671280	0	0.0427972
Cp-EBNA3C_1	-	chrEBV(Akata_	0	3.54837
GAGE13	TSS13890	chrX:49188080-	2.90E-14	0
LOC100507205	TSS31736	chr11:42209290	0	0
LINC00682	TSS1495	chr4:41881538-	0	0
KRTAP13-3	TSS6671	chr21:31797710	0	0
MYOD1	TSS30502	chr11:17741100	0	0
NRK	TSS4860	chrX:105066530	0	0
LOC90246	TSS29308	chr3:128226670	0	0
LOC339568	TSS22415	chr20:37842420	0	0
SIX6	TSS21484	chr14:60975930	0	0
SERPINA7	TSS21155	chrX:105277180	0	0
LOC283299	TSS20893	chr11:78722970	0	0
OR5T2	TSS13804	chr11:55999580	0	0
SPRR1B	TSS32296	chr1:153003670	0	0



UGT1A3	TSS14510	chr2:23463777	0	0
LOC254028	TSS5684	chr14:2105638	0	0
LINC01467	TSS5336	chr14:8207169	0.010213	0
DEFA6	TSS34073	chr8:6782215	0	0
CCDC166	TSS3442	chr8:14478886	0	0
LOC10272471	TSS15945	chr10:5282233	0	0
GYG2P1	TSS20163	chrY:14517914	0	0.0983872
LOC101928314	TSS22900,TSS	chr4:17355108	0	0.0055489
LINC00280	TSS16747	chrY:6225259	0	0.115032
RETNLB	TSS24199	chr3:10847448	0	0
OR10T2	TSS12523	chr1:15836831	0	0
LOC102800447	TSS17783	chr2:67313577	0	0
KRTAP3-2	TSS21745	chr17:3915544	0	0
GACAT1	TSS23659	chr2:10837056	0	0
APOC3	TSS8031	chr11:1167006	0	0
C4orf51	TSS22740	chr4:14660135	0	0
LOC10192816	TSS18830	chr7:29164648	0	0
LOC101928254	TSS33384	chr7:12486963	0	0.0368706
CCDC13-AS1	TSS12178	chr3:42774066	0	0.0835927
OR2B11	TSS21714	chr1:24761433	0	0
OR8D2	TSS13181	chr11:1241891	0	0
LOC101929721	TSS16104	chr1:49723082	0	0.158575
DEFB106A	TSS12208	chr8:7340025	0	0.231831
DEFB106A	TSS30176	chr8:7682693	0	0.231831
LOC101927292	TSS10307	chr12:5030573	0	0
WNT2	TSS17278	chr7:11691668	0	0
LOC729348	TSS2719	chr2:66610437	0	0
PRAMEF6	TSS18353	chr1:12998301	0	0
KCNK16	TSS26237	chr6:39282473	0	0
NOTUM	TSS22384	chr17:7991038	0	0.062979
OLIG3	TSS16954	chr6:13781333	0	0
PPP2R2C	TSS2287,TSS3	chr4:6322304	0	0.0027002
RSPO3	TSS7123	chr6:12744004	0.113293	0
LOC101929194	TSS3795	chr4:93183648	0	0
CTXN3	TSS18668,TSS	chr5:12698471	0	0.0731035
MIR4444-2	TSS6431	chr2:17807745	0	0
KRTAP10-1	TSS17591	chr21:4595906	0	0
LCE2D	TSS20187	chr1:15263588	0	0
LOC10192820	TSS14277	chr17:7006847	0	0
FCGR3B	TSS1313,TSS1	chr1:16159298	4.64292	1.29807
OR5AU1	TSS738	chr14:2162309	0	0.175173
OR10S1	TSS15693	chr11:1238474	0	0
RASAL2-AS1	TSS5914	chr1:17806064	0	0
MIR320B2	TSS26517	chr1:22444470	0	0
C11orf88	TSS3156	chr11:1113855	0	0
RBP4	TSS26839	chr10:9535159	0	0
MIR3190	TSS11400	chr19:4773019	0	0
ASPG	TSS16839	chr14:1045520	0	0
LOC10192858	TSS7938	chr11:7402240	0.41893	0
OR1I1	TSS29303	chr19:1519787	0	0
GPR33	TSS7716	chr14:3195214	0	0
PRDM9	TSS1190,TSS1	chr5:23507717	0	0
LINC01102	TSS27431	chr2:10505080	0.529517	0
OR5M10	TSS18700	chr11:5634424	0	0
SSTR5	TSS16152,TSS	chr16:1122755	0	0

OR9A2	TSS21022	chr7:142723286	0	0
CASC11	TSS31798	chr8:128712856	0	0
IFNA7	TSS21709	chr9:21201467-	0	0.0283596
FOXN1	TSS18661	chr17:26850958	0.016477	0
VENTXP1	TSS22429	chrX:26576453-	0	0
LOC101928223	TSS13989	chr4:17114774-	0.0973085	0
C5orf66-AS2	TSS31136	chr5:134571926	0	0
DKFZp686K168	TSS31281	chr11:31838116	0	0
STRA6	TSS23956,TSS	chr15:74471807	0	0
PRR5-ARHGAP	TSS28792	chr22:45098077	0	8.12E-97
CSMD1	TSS25521	chr8:2792874-4	0.0766158	0.0507545
ZCCHC13	TSS18093	chrX:73524024-	0	0
LOC101929550	TSS16649	chr8:35529680-	0	0
ADH7	TSS11565,TSS	chr4:100333417	0	0
RETN	TSS31358	chr19:7733971-	0	0.321186
OR6M1	TSS6659	chr11:12367617	0	0
LOC101928796	TSS27903	chr21:47392886	0	0
MAT1A	TSS26059	chr10:82031575	0	0.00199378
C8orf87	TSS30340	chr8:94146323-	0	0
EVX1	TSS21425	chr7:27282163-	0	1.66E-08
CSN1S2BP	TSS31337	chr4:70999320-	0	0
GFRA4	TSS27252	chr20:3639938-	0	0
LINC01065	TSS28979	chr13:53705880	0	0
CASQ1	TSS6294	chr1:160160284	0	0.0360466
LACTBL1	TSS33579	chr1:23279535-	0	0
LYPD6	TSS12378,TSS	chr2:150186498	0	0
SPATA31A3	TSS9777	chr9:40700290-	0	0.00216962
ELDR	TSS25000	chr7:55306128-	0	0
DEFB123	TSS14779	chr20:30028327	0	0
REG1A	TSS16859	chr2:79347583-	0	0
ALDH1L1-AS2	TSS25053	chr3:125898907	0	0
GPR84	TSS4099	chr12:54756228	0.403718	0.168415
TMEM196	TSS23568	chr7:19758937-	0	0
ARSF	TSS20789,TSS	chrX:2958274-1	0	0
LOC338797	TSS24915	chr12:13183207	0	0
OR2W5	TSS14356	chr1:247654369	0	0
SNAR-A3	TSS4401	chr19:50601082	0	0
SULT2A1	TSS20277	chr19:48373722	0	0
LINC00906	TSS25732	chr19:29456037	0	0
OR8G2	TSS5691	chr11:12409534	0	0
GALR1	TSS29857	chr18:74962007	0	0
LOC101927153	TSS34020	chr15:94399788	0	0
IGFL3	TSS7404	chr19:46623327	0	0
LOC101927310	TSS30617	chr15:98096516	0	0
PRSS55	TSS27765	chr8:10383055-	0	0
TCERG1L	TSS6080	chr10:13289065	0	0
OR4F17	TSS10458	chr19:1106787-	0	0
SNORD71	TSS8524	chr16:71792304	0	0
NKD2	TSS3813	chr5:10090767-	0	0.0936194
ZDHHC22	TSS15260	chr14:77597612	0	0.00995657
MIR4722	TSS7945	chr16:88782685	0	0
LINC01224	TSS22531	chr19:23582035	0.0187578	0.0290491
MRAP	TSS10907	chr21:33664126	0	8.90E-09
NXF4	TSS31806	chrX:101804897	0	0
SNCB	TSS13421	chr5:176047209	0.629145	0.143397

PCSK9	TSS6262,TSS6	chr1:55505148-	0	0
KERA	TSS5856	chr12:91444270-	0	0
MRGPRX4	TSS8194	chr11:18194380-	0	0
S100G	TSS3269	chrX:16668280-	0	0
LINC01310	TSS20177	chr22:49262580-	0	0
GLYATL3	TSS15393	chr6:49467670-	0	0
LINC01139	TSS3592	chr1:238643680-	0	0
TBATA	TSS28662	chr10:72530990-	0	0
OTOL1	TSS16646	chr3:161214590-	0	0
MBD3L5	TSS14206	chr19:70305930-	0	0.0177809
TMEM26-AS1	TSS12951,TSS	chr10:63212390-	0	0
OR1J1	TSS33351	chr9:125239230-	0	0
PSG6	TSS3128	chr19:43406230-	0	0
LOC101927600	TSS2600	chr18:72076680-	0	0
MIR155	TSS3096	chr21:26946290-	0	0
FLG2	TSS26399	chr1:152321210-	0	0
ADGRA3	TSS21870	chr4:223889960-	0.153976	0.0586651
DCD	TSS22606	chr12:55038370-	0	0
AGXT2	TSS22322	chr5:349982050-	0	0
APOBEC1	TSS16672,TSS	chr12:78019950-	0	0
FAM181A-AS1	TSS17798	chr14:94371070-	0	0
LINC00434	TSS3807	chr13:60788480-	0	0
OR8B3	TSS28608	chr11:12426630-	0	0
PLA2G2D	TSS21593	chr1:204391420-	0.0737241	0
CT47A3	TSS8459	chrX:120101740-	0	0
FAM197Y2	TSS4508	chrY:92963510-	0	0
SPOCK3	TSS16522,TSS	chr4:167654530-	0	0
OOEP	TSS11076	chr6:740782790-	0	0
LOC102724710	TSS29843	chr8:93577670-	0	0
LINC01515	TSS26628	chr10:67331180-	0	0
FGF6	TSS20164	chr12:45433070-	0	0
C7orf69	TSS20585	chr7:478348880-	2.01457	0
LOC101929297	TSS23874	chr6:166650450-	0	0
CACNA2D3-AS1	TSS29975	chr3:549086310-	0	0.0506723
TAS2R9	TSS5628	chr12:10961690-	0	0
HOXC12	TSS31042	chr12:54348710-	0	0
LINC00919	TSS31303	chr16:52116970-	0	0
DAAM2	TSS10313,TSS	chr6:397601580-	0	0
PYDC2	TSS23931	chr3:191178950-	0	0
SNORD48	TSS31647	chr6:318030390-	0	0
DLL3	TSS31306	chr19:39989550-	0	0.584072
GRIK3	TSS9791	chr1:372611270-	0	0
SLC6A1	TSS7589	chr3:110344190-	0	0
LINC00901	TSS18886	chr3:116640270-	0	0
UTS2B	TSS16986	chr3:190984940-	0	0.223232
CKMT1B	TSS28691	chr15:43885250-	0	0.0522908
ADIG	TSS33531	chr20:37209830-	0	0
DOCK9-AS1	TSS9479	chr13:99484330-	0	0
GABRP	TSS12976	chr5:170210720-	0	0.0109226
LOC102724840	TSS28864	chr2:216318420-	0	0
VWC2	TSS33144	chr7:498132560-	0	0
FAM163B	TSS32072	chr9:136443530-	0	0
KRTAP4-11	TSS24021	chr17:39273430-	0	0
KCNAB1-AS2	TSS11219	chr3:155933340-	0	0
LINC00284	TSS23785	chr13:44596470-	0	0

MAGEB18	TSS33327	chrX:26156459-	0	0
MPC1L	TSS29272	chrX:40482817-	0	0
ZIM3	TSS19609	chr19:5764546-	0	0
LINC01195	TSS1196	chr16:9539869-	0	0
CNGA2	TSS10622	chrX:15090321-	0	0
SPATA31D3	TSS12762	chr9:84558414-	0	0
LOC101927207	TSS34042	chr17:4753522-	0	0
PALM2-AKAP2	TSS18412	chr9:11254257-	0.738303	2.05E-22
CDRT15L2	TSS7770	chr17:2048303-	0	0
LINC00452	TSS2069	chr13:1145980-	0	0
SNAR-A3	TSS14534	chr19:5063165-	0	0
LOC101927969	TSS10174	chr5:16813393-	0	0
LINC01498	TSS5805	chr12:1088532-	0	0
FAM47A	TSS11787	chrX:34147868-	0	0
LGI2	TSS26793	chr4:25000470-	0	0.0261367
GLT6D1	TSS6449	chr9:13851550-	0	0
MGC15885	TSS33052	chr15:6292937-	0	0
TNFSF18	TSS16681	chr1:17301035-	0	0
LINC00671	TSS5040	chr17:4102669-	0.17398	0.0384989
SNAR-A12	TSS28187	chr19:4841093-	0	0
OTC	TSS25438	chrX:38211735-	0	0
OTOF	TSS10499,TSS	chr2:26680070-	0	0.000790021
MIR5480	TSS20214	chr7:10204618-	0	0
PER4	TSS1762	chr7:9673899-	0	0
MIR25	TSS1546	chr7:99691182-	0	0
LINC00964	TSS6545	chr8:12595424-	0	0
IL5	TSS21163	chr5:13187713-	0	0
TTY6B	TSS12944	chrY:24291133-	0	0
LOC101926899	TSS13281	chr6:46459788-	0	0
OR1N2	TSS28030	chr9:12531544-	0	0
CENPVP2	TSS16032	chrX:51453924-	0	0.0739758
NOBOX	TSS25233	chr7:14409433-	0.196514	0
MYH7	TSS33605	chr14:2388194-	0	0.00529687
SALL1	TSS13798,TSS	chr16:5116988-	0	0
OR2M7	TSS29657	chr1:24848693-	0	0
COL4A1	TSS426	chr13:1108013-	0	0
CKMT1A	TSS9408	chr15:4398508-	0	0.0753766
MUC13	TSS20427	chr3:12462428-	0	0.0357384
CA4	TSS29341	chr17:5822730-	0	0
CYP4F62P	TSS26033	chr2:13119323-	0	0
DEFB107A	TSS2840	chr8:7669241-	0	0
LOC389895	TSS7681	chrX:13917382-	0	0
LOC100129520	TSS30212	chrX:12445396-	0	0
FAT3	TSS2176	chr11:9208526-	0.0728818	0.00541059
FERMT1	TSS2587	chr20:6055491-	0	0.0517893
MYCNOS	TSS33111	chr2:16076386-	0	0
GATA4	TSS13535,TSS	chr8:11534427-	0	0
SNORA69	TSS20182	chrX:11892131-	0	0
SNAR-A4	TSS6863	chr19:5062633-	0	0
LINC00489	TSS26100	chr20:3624769-	0	0
TRIM49D1	TSS25154	chr11:8965992-	0	0.0362173
FOXF1	TSS31250	chr16:8654413-	0.0522164	0
SPRR2E	TSS10943	chr1:15306561-	0	0
OR11H6	TSS2214	chr14:2069186-	0	0
S100P	TSS14338	chr4:6695565-	4.48372	0.471559

DEFT1P	TSS9072	chr8:6863802-6	0	0
MIPOL1	TSS22529	chr14:37667117	0	0
OR11H2	TSS17614	chr14:20181062	0	0
KRT35	TSS10923	chr17:39632940	0	0
DSG4	TSS18866	chr18:28956739	0	0.0378126
TUSC8	TSS30170	chr13:44974385	0	0
KRTAP10-11	TSS27453	chr21:46066330	0	0
ARHGAP29	TSS12031	chr1:94634462-	0.0326109	0.00360458
CNTNAP4	TSS19247,TSS	chr16:76311175	0.0100333	0
LCE3D	TSS29549	chr1:152551859	0	0
LINC00303	TSS28702	chr1:204001574	0	0
SPARCL1	TSS11291	chr4:88394481-	0	0.0515738
SLC7A13	TSS29939	chr8:87226287-	0	0
PCDHA8	TSS32593	chr5:140220906	0	0
MS4A3	TSS374	chr11:59824100	0	0.246501
OR8B2	TSS27510	chr11:12425229	0	0
RAX	TSS32331	chr18:56934266	0	0
HSD11B1	TSS20894,TSS	chr1:209859524	0	0.175493
MIR205HG	TSS14661	chr1:209602167	0	0.0446948
RERG	TSS5191	chr12:15260715	0.0991935	0
GAPLINC	TSS29765	chr18:3466247-	0	0
NAV2-AS5	TSS4831	chr11:19524219	0	0
CYP4A11	TSS8790	chr1:47394845-	0	0
LOC101929084	TSS1227	chr12:10394157	0	0
MUC15	TSS12546	chr11:26580578	0.12201	0
SNAR-A14	TSS12222	chr19:50615624	0	0
CDY2A	TSS27699	chrY:20137666-	0	0
CDY2B	TSS27702	chrY:20137667-	0	0
IL1RAPL1	TSS10894	chrX:28605680-	0	0.00321188
B3GNT3	TSS795	chr19:17905918	0	0
MSMB	TSS24690	chr10:51549552	0	0
LINC01544	TSS20492	chr18:59415408	0	0.031741
SNAR-A8	TSS18773	chr19:50604147	0	0
TBX1	TSS11221	chr22:19744225	0.385585	0
TRIM49D1	TSS10648	chr11:89644639	0	0.0348454
TRIM31	TSS21143	chr6:30070673-	0	0
LINC01070	TSS1660	chr13:11285164	0	0
COL17A1	TSS5075	chr10:10579104	0.00765997	0.0234141
SNAR-A14	TSS16493	chr19:50607217	0	0
LOC101927166	TSS16855	chr17:46522194	0	0
KRTAP4-2	TSS12283	chr17:39333697	0	0
LOC400706	TSS32651	chr19:46560935	0	0
SNAR-A12	TSS20703	chr19:48448178	0	0
LOC101927488	TSS25030	chr5:125608209	0	0
CCL8	TSS1147	chr17:32646065	0	0
XAGE2	TSS5709	chrX:52380347-	0	0
CYP4F30P	TSS17522	chr2:131437622	0	0
LINC00269	TSS28811	chrX:68399399-	0	0
LINC00160	TSS21735	chr21:36096104	0	0
SLC26A4-AS1	TSS19021	chr7:107296960	0.0336124	0.034687
DYDC1	TSS2768	chr10:82095860	0	0
SNAR-A14	TSS11579	chr19:50595745	0	0
FENDRR	TSS5296	chr16:86508130	0	0
GALR2	TSS9384	chr17:74070887	0	0.325629
TTY6B	TSS15514	chrY:24585736-	0	0

OR2A2	TSS15356	chr7:143806675	0	0
OR2T27	TSS30351	chr1:248813237	0	0
SNHG24	TSS9328	chr14:10143398	0	0
FLJ36000	TSS22638	chr17:21904067	0	0
LSAMP	TSS12905	chr3:115521209	0	0.0410002
OR51A4	TSS21879	chr11:49673887	0	0
OR51B5	TSS17311	chr11:53621127	0.490526	0.0330981
LINC01050	TSS4257	chr13:43384507	0	0
NXF3	TSS23017	chrX:102330749	0	0
GPHB5	TSS6063	chr14:63779548	0	0
KRTAP4-7	TSS22765	chr17:39240458	0	0
LOC101928048	TSS30576	chr20:59044666	0	0
THSD4-AS1	TSS15417	chr15:71459150	0	0
SNAR-A11	TSS25342	chr19:50620976	0	0
PRCAT47	TSS10574	chr16:80862637	0.325018	0.014901
THEG5	TSS20690,TSS	chr19:32079094	0	0
LINC00442	TSS18818	chr13:19582398	0	0
SHC4	TSS32113	chr15:49115930	0	0.0661637
CCDC80	TSS6093	chr3:112323230	0	0.114421
APLN	TSS6932	chrX:128779230	0	0
LINC01127	TSS12609	chr2:102599926	0	0
KRTAP4-12	TSS31983	chr17:39279344	0	0
KCNF1	TSS9760	chr2:110520627	0	0
OR2M1P	TSS10553	chr1:248285437	0	0
SPPL2C	TSS13327	chr17:43922259	0	0
TRIM55	TSS16026	chr8:670392777	0.572331	0.240341
TACSTD2	TSS10572	chr1:590410947	0	0.08472
MIR3689B	TSS25866	chr9:137741970	0	0
CUX2	TSS31206	chr12:11147180	0.000780557	0.0289914
MAPT-AS1	TSS8598	chr17:43920727	0	0
LACRT	TSS19869	chr12:55024620	0	0
FRZB	TSS26003	chr2:183698004	0	0
PBOV1	TSS31317	chr6:138537126	0	0
MIR671	TSS1368	chr7:150935506	0	8.06E-79
CT47A7	TSS8219	chrX:120087130	0	0
OR4K1	TSS32804	chr14:20403766	0	0
HOXB1	TSS27851	chr17:46606806	0	0
TRHDE-AS1	TSS16816	chr12:72647286	0	0
OR10H5	TSS18900	chr19:15904858	0	0
RAPGEF4-AS1	TSS4890	chr2:173587917	0	0
TCEB3CL2	TSS30394	chr18:44542730	1.07E-05	8.42E-06
GPR101	TSS16046	chrX:136112300	0	0
FAM197Y5	TSS32174	chrY:93572747	0	0
CRP	TSS30789	chr1:159682078	0	0
H1FOO	TSS4549,TSS6	chr3:129262056	0	0
ZBTB20-AS3	TSS17619	chr3:114591879	0	0
SAMD12-AS1	TSS15077	chr8:119633239	0	0
PLP1	TSS20845,TSS	chrX:103031430	0	0
ASB9	TSS21381,TSS	chrX:152621087	0	0
DKFZp434L192	TSS19855	chr7:565639157	0	0.0360929
CYP11B1	TSS17839	chr8:143953770	0	0
KRTAP4-6	TSS28761	chr17:39295684	0	0
HP	TSS12073	chr16:72088507	0	0
TTTY6	TSS4049	chrY:242911117	0	0
FAM9B	TSS19520	chrX:89922727	0	0.00277875

TMEM233	TSS32629	chr12:12003126	0.533563	0
MEG9	TSS3082	chr14:10153624	0	0
TPSB2	TSS7926	chr16:1278335-	0	0
LOC441025	TSS30500	chr4:76279285-	0	0
CCDC184	TSS779	chr12:48577365	0.114887	0.0444771
NRP2	TSS23690	chr2:20654722	0.542427	0.748074
SPEM1	TSS8767	chr17:7323678-	0	0
H2BFWT	TSS32658	chrX:10326571-	0	0
AQP4-AS1	TSS22854	chr18:2444527-	0	0.145057
CCL18	TSS1359	chr17:3439163-	0	0.210584
LINC00668	TSS33736	chr18:6925472-	0	0
SERPINB12	TSS7874	chr18:61223392	0.0123746	0
PRL	TSS3552,TSS8	chr6:22287472-	0	0
FAM197Y5	TSS11717	chrY:9187188-	0	0
LOC101929622	TSS30319	chr8:37575096-	0	0
LOC101928944	TSS16998	chr11:80462242	0.241604	0
SPRR2F	TSS33625	chr1:15308459-	0	0
LOC221122	TSS33444	chr11:44995452	0	0
GRM7-AS1	TSS31970	chr3:7561427-	0	0
PCDHB6	TSS33664	chr5:140529602	0	0
HEPHL1	TSS27389	chr11:9375437-	0	0.100405
ANXA8L1	TSS14073	chr10:47746849	0	0
OR4C46	TSS29973	chr11:5151528-	0	0.211739
LINC00917	TSS25717	chr16:86365455	0	0
DCAF12L2	TSS2565	chrX:12529748	0	0
UBE2U	TSS8042	chr1:64669489-	0	0
PAQR9	TSS3215	chr3:142680072	0	0
PCA3	TSS32327	chr9:79379351-	0	0
ANXA8	TSS3995	chr10:48255202	0	0
AMELY	TSS28893	chrY:6733958-	0	0
C10orf107	TSS18153	chr10:63422718	0	0
TGM4	TSS15467	chr3:44916097-	0	0
FOXN4	TSS31975	chr12:10971578	0.222517	0
OR51Q1	TSS14372	chr11:5443340-	0	0
HES3	TSS27571	chr1:6304251-	0	0
LOC101927869	TSS14016	chr21:25676862	0	0
IGSF1	TSS15844,TSS	chrX:13040748-	0	0
IL21	TSS16818	chr4:123533782	0	0
POU6F2-AS1	TSS2568	chr7:39444197-	0	0
IFNA4	TSS27270	chr9:21186617-	0	0
CDY2B	TSS33139	chrY:19990139-	0	0
CDY2A	TSS11083	chrY:19990140-	0	0
OR2AP1	TSS12845	chr12:55968198	0	0
C20orf78	TSS1871	chr20:18789994	0	0
CXorf51A	TSS23724	chrX:14589130	0	0
OR4C11	TSS6282	chr11:55370829	0	0
ANXA8	TSS14755	chr10:47157982	0	0
HTR1A	TSS5872	chr5:63255874-	0	0
OR52E2	TSS24963	chr11:5079879-	0	0
LMO7DN-IT1	TSS17607	chr13:7645102-	0	0
FLJ42102	TSS11512	chr11:7111679-	0	0
CCL17	TSS22644	chr16:57438678	0	0.866394
SSTR1	TSS26415	chr14:38677202	0	0
HBBP1	TSS5765	chr11:5263184-	0	0
FABP4	TSS32615	chr8:82390731-	0	0.0963305

SALRNA1	TSS3358	chr14:61105930	0	0
LINC00626	TSS19331	chr1:168756178	0	0
LOC101928626	TSS26338	chr1:562759-56	0	0
TWIST1	TSS737	chr7:19155090-	0	0.0447311
SLC18A3	TSS1117	chr10:50818346	0	0
OR52N1	TSS30179	chr11:5809083-	0	0
BPIFB4	TSS33001	chr20:31669317	0	0
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LOC102723448	TSS3316	chr3:65430-66	0	0
MSLN	TSS10143,TSS	chr16:810764-8	0	0.822221
BRS3	TSS28178	chrX:13557012-	0	0
MAGEA6	TSS13416	chrX:15186724-	0	0
SNORD28	TSS17956	chr11:62622092	0	0
LINC01594	TSS12518	chr2:108784200	0	0
NLGN1-AS1	TSS23383	chr3:173628288	0	0
MIR1-1HG	TSS19665	chr20:61147659	0	0
KLK6	TSS11984,TSS	chr19:51461886	0	0
ACTRT1	TSS22309	chrX:127184940	0	0
LOC102724058	TSS29264	chr2:166813927	0	0
SIX4	TSS1745	chr14:61176258	0.0136522	0
LOC101929633	TSS14080	chr2:165697258	0	0
LINC01566	TSS29744,TSS	chr16:34597786	0	0
DPEP1	TSS19853,TSS	chr16:89679715	0	0
RBMS3-AS1	TSS26083	chr3:29968301-	0	0
TMEM114	TSS28751	chr16:8576550-	0	0
ZACN	TSS25863	chr17:74075262	0	0.136692
FOXL1	TSS25374	chr16:86612114	0	0
CA1	TSS2366,TSS3	chr8:86240457-	0	0.253087
CSF2	TSS4443	chr5:131409484	0	0
OR11L1	TSS14192	chr1:248004229	0	0
EPPIN	TSS14832	chr20:44169264	0	0
RNASE9	TSS13571	chr14:21024257	0	0
OR2Y1	TSS1276	chr5:180166122	0	0
KCNJ15	TSS12839,TSS	chr21:39601836	0.636189	0.123146
KRTAP10-7	TSS13068	chr21:46020496	0	0
CCDC160	TSS8664	chrX:133371070	0	0
DEFT1P	TSS18582	chr8:6844699-6	0	0
CSSL1	TSS13847	chr17:61986964	0	0
LINC00898	TSS30506	chr22:48016797	0	0
LOC102503427	TSS29379	chr5:71852903-	0	0
POM121L4P	TSS23875	chr22:21043842	0	0.022799
SLC17A2	TSS11036,TSS	chr6:25912983-	0	0.0179202
C6orf15	TSS16205	chr6:31078999-	0	0
LINC00961	TSS25803	chr9:35909479-	0	0
MIR939	TSS11925	chr8:145619360	0	0
MIR1204	TSS23180	chr8:128808207	0	0
KRT34	TSS16384	chr17:39533920	0	0
NWD2	TSS6377	chr4:37246689-	0	0
HRH1	TSS10809,TSS	chr3:11178778-	0	0.0446766
SLC22A11	TSS23107	chr11:64323072	0	0
LOC101927406	TSS11663	chr2:195208992	0	0
GRM7	TSS10259	chr3:6902801-7	0	0
LRAT	TSS31870,TSS	chr4:155661992	0	0.0353152
LOC101928471	TSS26762	chr12:24376204	0	0
ST7-AS2	TSS30236	chr7:116752345	0	0



REG3A	TSS11142,TSS	chr2:79384131-	0	0
REG4	TSS19049	chr1:120336640	0	0.0549165
CACNG5	TSS3430	chr17:64873390	0	0
SLC22A9	TSS25545	chr11:63137260	0	0
SP9	TSS27678	chr2:175199820	0	0
TGIF2LX	TSS18442	chrX:89176939-	0	0
TGIF2LY	TSS19599	chrY:3447125-	0	0
LOC101927268	TSS22666	chr7:80000832-	0	0
TISP43	TSS11884,TSS	chr2:131294140	0	0
CLEC4F	TSS15571	chr2:71035775-	0	0.0285189
MBD3L4	TSS14610	chr19:7037754-	0	0.0177809
SPRR2G	TSS15496	chr1:15312205-	0	0
RBP3	TSS21333	chr10:48381480	0	0.00261755
KRTAP10-4	TSS26524	chr21:45993600	0	0
MIR6077	TSS9916	chr1:143672920	0	0
MIR6077	TSS31882	chr1:147860430	0	0
TTY7B	TSS419	chrY:9544432-	0	0
OR2D2	TSS3049	chr11:6912804-	0	0
FAM25A	TSS18054	chr10:88780040	0	0.164734
TGFA-IT1	TSS23173	chr2:70694516-	0	0
CENPVP1	TSS27371	chrX:51424145-	0	0.0398331
LOC101928751	TSS7695	chr1:175846470	0	0
LINC01445	TSS16290	chr7:54398389-	0	0
CXorf51B	TSS16362	chrX:14589562	0	0
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MIR3614	TSS29188	chr17:54968630	0	0
NPVF	TSS1824	chr7:25264190-	0	0.0316331
SPINK8	TSS5372	chr3:48348335-	0	0
KRT25	TSS33210	chr17:38904270	0.00396146	0
OR6A2	TSS5669	chr11:6815755-	0	0
SOHLH1	TSS11198	chr9:138585250	0	0
ZIC4	TSS16341,TSS	chr3:147103830	0	0.00328738
BTBD3	TSS24255,TSS	chr20:11871370	0.414501	1.08949
PLA2G2F	TSS30760	chr1:20465822-	0	0
MMP9	TSS4387	chr20:44637540	1.672	0.788662
SPACA7	TSS25600	chr13:11303060	0	0
MIR6511B1	TSS32482	chr16:15227920	0	0
IRX4	TSS21777,TSS	chr5:1877540-	0	0
ART1	TSS12669	chr11:3666360-	0	0
MAFA	TSS29670	chr8:144510220	0.0755848	0.0195076
CTD-2350J17	TSS27608	chr5:15602297-	0	0
TRIM48	TSS29838	chr11:5502965-	0	0.00140363
LOC102467213	TSS19045	chr5:10615089-	0	0.0266251
PSG11	TSS7281	chr19:43511800	0	0
MIR8075	TSS18498	chr13:11391720	0	0
LOC284933	TSS22175	chr22:4893471-	0	0
BDKRB2	TSS18575	chr14:96671130	0	0.0320265
OR10G4	TSS13690	chr11:12388620	0	0
RASSF10	TSS246	chr11:13030960	0	0.0025644
LINC01495	TSS4958	chr11:2246721-	0	0
MYF5	TSS7800	chr12:8111070-	0	0
BTG4	TSS14420	chr11:11133820	0	0
MIR616	TSS11055	chr12:5791294-	0	0
IZUMO2	TSS2078	chr19:50655800	0	0
DLX3	TSS13398	chr17:48067360	0	0

CTSG	TSS25882	chr14:25042720	0.44025	0
LOC729987	TSS22643	chr1:98676266	0	0
LOC340512	TSS10202	chr9:109737110	0	0
GSX1	TSS9654	chr13:28366770	0	0
MIR1260B	TSS14837	chr11:96074600	0	0
LINC01265	TSS12965	chr5:38710468	0	0
LINC00624	TSS31589	chr1:146853910	0.000928824	0.000629082
LOC102724020	TSS4641	chr12:10167950	0	0
HIST1H2AA	TSS759	chr6:25726290	0	0
SLC10A6	TSS5027	chr4:87744620	0	0
ADAM6	TSS17804	chr14:10643580	0	0
BPIFB1	TSS21707	chr20:31870940	0	0
FAM25C	TSS720	chr10:48247660	0	0
SMCP	TSS32599	chr1:152850790	0	0
ORM1	TSS21114	chr9:117085300	1.08473	0.0961868
CEBPE	TSS21847	chr14:23586510	0.271805	0
ZFPM2-AS1	TSS33822	chr8:106792630	0	0
LINC01479	TSS30160	chr12:68323010	0	0
PRAMEF6	TSS12383	chr1:133598320	0	0
STC1	TSS3535	chr8:236994330	0	0.0695797
SPIC	TSS31290	chr12:10187130	0	0
UNC93A	TSS3195	chr6:167704800	0	0
CDH8	TSS6583	chr16:61685910	0	0.00674296
XAGE2	TSS20496	chrX:521121520	0	0
GJA1	TSS29282	chr6:121756720	0	0.0322488
KRTAP19-3	TSS22063	chr21:31863780	0	0
PRR16	TSS11046,TSS	chr5:119799970	0	0
FAM205BP	TSS8630	chr9:348302630	0	0
FETUB	TSS26665	chr3:186358140	0	0
USP17L11	TSS17991	chr4:92503550	0	0
LINC00473	TSS2351	chr6:166337530	0	0
PSKH2	TSS26565	chr8:87060690	0	0
LINC00358	TSS17561	chr13:62577650	0	0
LINC00879	TSS6607	chr3:946571060	0	0
PATE1	TSS27866	chr11:12561610	0	0
FAM197Y5	TSS14545	chrY:93166610	0	0
TMEFF2	TSS24173	chr2:192813770	0.31193	0.0429093
TCN1	TSS2971	chr11:59620280	0.089308	0
LOC101927870	TSS16617	chr1:183921500	0	0
EPYC	TSS15170	chr12:91357450	0	0
LOC101926890	TSS13992	chr8:713833680	0.0189477	0.0586825
IQCJ	TSS24434	chr3:158787040	0.253147	0
SATL1	TSS31291	chrX:843472910	4.81E-08	2.56E-09
POM121L12	TSS22881	chr7:531033480	0	0
ARMS2	TSS4349	chr10:12421410	0	0
PSG9	TSS6030	chr19:43757430	0	0
OR2M4	TSS13843	chr1:248402230	0	0
MYCN	TSS25206	chr2:160805590	0	0.0175654
LINC00440	TSS33007	chr13:89887540	0	0.0461001
TCF21	TSS16511,TSS	chr6:134210250	0	0
NXPE1	TSS3093	chr11:11439240	0	0
SCUBE1	TSS16223	chr22:43599220	0	0
KRT23	TSS30478	chr17:39078940	0.711568	0.0213091
PPEF2	TSS6724	chr4:767810250	0.565748	0.0359679
AGT	TSS27899	chr1:230838270	0	0

OR1B1	TSS3565	chr9:125390857	0	0
MHRT	TSS27080	chr14:23884658	0	0
CRYAB	TSS12751,TSS	chr11:11177934	0	0
LOC642423	TSS15459	chr15:84868829	1.46662	1.68E-05
LOC100288570	TSS31135	chr2:110705266	0	9.94E-07
PTPRT	TSS16717	chr20:40701397	0	0.00430189
KRTAP10-9	TSS19435	chr21:46047039	0	0
LOC101927286	TSS30320	chr15:97913600	0	0.103538
LOC100505635	TSS10873	chr6:39856565-	0	0
KRTAP19-1	TSS30694	chr21:31852360	0	0.580076
SERTM1	TSS28011	chr13:37248048	0	0
LOC101927637	TSS2561	chr12:12811587	0	0
SLIT3	TSS25673	chr5:168088737	0	0.00067516
OR52R1	TSS27055	chr11:4824662-	0	0
LOC102467225	TSS26047	chr5:117931882	0	0
1-Dec	TSS12715	chr9:117904096	0	0.238339
COL6A6	TSS12776	chr3:130279177	0.0708617	0
OR4S1	TSS31015	chr11:48327774	0	0
XAGE3	TSS12992,TSS	chrX:52891557-	0	0
CRISP3	TSS33067,TSS	chr6:49695091-	0.284774	0.141743
LOC100505817	TSS6084	chr18:70992175	0	0
HELT	TSS27327	chr4:185939994	0	0
MAGEA12	TSS29425,TSS	chrX:15189929-	0	0
OR10G8	TSS21236	chr11:12390032	0	0
LINC00601	TSS25635	chr10:12810240	0	0
MIR4709	TSS11710	chr14:74946835	0	0
SNAR-G2	TSS9302	chr19:49534925	0	3.80396
BIRC8	TSS28583	chr19:53792850	0	0
SOHLH2	TSS2610	chr13:36742344	0	0
LINC00200	TSS27768	chr10:1205707-	0	0.128131
C8A	TSS33064	chr1:57320442-	0	0
HNRNPCL3	TSS33779	chr1:12907229-	6.20E-05	4.33E-05
TRIM53AP	TSS7380	chr11:89726708	0	0
MPDZ	TSS7094	chr9:13105702-	0	0.0263581
DYNC111	TSS10053	chr7:95401817-	0	0
OR6B3	TSS19835	chr2:240984490	0	0
LOC101928708	TSS7071	chr16:87245720	0	0
PRAMEF17	TSS26884	chr1:13716091-	0	0
SACS-AS1	TSS1665	chr13:23993109	0.302497	0
LOC102467222	TSS7703	chr8:20811143-	0	0
LOC286114	TSS14604	chr8:20831496-	0	0
LINC00955	TSS34183	chr4:3578595-	0	0
CIB4	TSS25005	chr2:26804072-	0	0
LOC101926962	TSS27369	chr6:46871207-	0	0
LOC101927437	TSS6491	chr13:10039312	0	4.23E-09
C1orf64	TSS33852	chr1:16330730-	0	0
FDCSP	TSS12037	chr4:71091787-	0	0
LOC646268	TSS33118	chr1:158101830	0	0
LINC00507	TSS6916	chr12:12839995	0	0
CARTPT	TSS23768	chr5:71014989-	0	0
NTRK3-AS1	TSS20944	chr15:88795960	0	0
SUPT20HL1	TSS27074	chrX:24380877-	0	0.0258495
C15orf32	TSS18283	chr15:93014900	0	0
LOC100128006	TSS22996	chr17:12663450	0	0
RD3	TSS5293	chr1:211649860	0	0

MGC32805	TSS32515	chr5:12177219-	0	0
OR6C3	TSS31592	chr12:55725484	0	0
CAMP	TSS23747	chr3:48264836-	1.29694	0.503392
USP17L17	TSS28759	chr4:9245604-9	0	0.0113204
CCDC169-SO1	TSS30739	chr13:36742344	0	0
KC6	TSS6368	chr18:39060235	0	0
RARB	TSS24682,TSS	chr3:25215822-	0.246616	0.0399325
DNAJB3	TSS17251	chr2:234651395	0	0
OR8H2	TSS2838	chr11:55872518	0	0
ELSPBP1	TSS7775	chr19:48497907	0	0
LOC101927142	TSS22315	chr2:101589109	1.47562	0
SNORD27	TSS32870	chr11:62622483	0	0
PTCSC3	TSS4339	chr14:36604915	0	0
OACYLP	TSS7286	chr18:56702910	0	0
DCAF8L2	TSS27592	chrX:27764925-	0.0163048	0.00786867
DNAH5	TSS29946	chr5:13690436-	0	0.0251271
UNC13C	TSS20307	chr15:54305100	0.000653691	0
MAFTRR	TSS33046	chr16:79755208	0	0
RNASE8	TSS24534	chr14:21525980	0	0
TISP43	TSS19058,TSS	chr2:131328418	0	0
TAS2R41	TSS3393	chr7:143174965	0	0
TTR	TSS23424	chr18:29171729	0	0
LOC727924	TSS22759	chr15:22278037	0	0
LOC102477328	TSS25304	chr5:71869901-	0	0
NGB	TSS16396	chr14:77731830	0	0
MIR4472-2	TSS23541	chr12:11686605	0	0
PNLIPRP3	TSS10490	chr10:11818742	0	0
BZLF2_1	-	chrEBV(Akata_	0	0.446524
XXYLT1-AS1	TSS24786	chr3:194815316	0	0
MAGEA3	TSS32959	chrX:15193465	0	0
ANXA3	TSS29900	chr4:79472741-	0.114894	0.0890013
EHF	TSS18452,TSS	chr11:34642587	0.071961	0.0618755
LOC101929983	TSS2946	chr1:12998504-	0	0
SNORD25	TSS10966	chr11:62623036	0	0
SPATA31A7	TSS33325	chr9:41321109-	0.0225887	0.00253401
OR5M8	TSS28793	chr11:56257910	0	0
SNORD36C	TSS883	chr9:136217700	0	0
TSPAN8	TSS24409	chr12:71518876	0	0
LCE2A	TSS6965	chr1:152670839	0	0
SLCO1A2	TSS10518,TSS	chr12:21417530	0.00147867	0
MPO	TSS19434	chr17:56347216	0.47871	0.275269
KRT31	TSS29065	chr17:39549976	0	0
OR4M2	TSS18730	chr15:22368477	0	0
GAS6-AS2	TSS17572	chr13:11456714	0	0
MIR564	TSS16027	chr3:44903379-	0	58.2882
CEACAM8	TSS7873	chr19:43084394	0.546427	0.0302209
IFNA8	TSS19129	chr9:21409145-	0	0
SBK3	TSS32364	chr19:56052022	0	0.0586105
DEFB126	TSS18216	chr20:123193-	0	0
MUC7	TSS18327,TSS	chr4:71296208-	0	0.0141715
LOC151121	TSS19907	chr2:129999745	0	0
OR3A3	TSS33911	chr17:3323861-	0	0
LINC00492	TSS4494	chr5:10191707-	0	0
KPRP	TSS19215	chr1:152730505	0	0
F10-AS1	TSS29256	chr13:11378246	0	0.673528

HNF4A-AS1	TSS4219	chr20:43006382	0	0
USP17L9P	TSS27146	chr4:9360107-9	0	0
OR5H1	TSS23292	chr3:97851541-	0	0
LINC00112	TSS23123	chr21:43136595	0	0
TCL1B	TSS11299	chr14:96152755	0.625651	0.290976
SNORD45C	TSS29962	chr1:76252756-	0	5451.67
KRT3	TSS32142	chr12:53183468	0	0
BNC1	TSS10149,TSS	chr15:83924654	0	0
PAGE1	TSS29141	chrX:49452053-	0	0
MIR4485	TSS12814	chr11:10529816	0	0
ALB	TSS26730	chr4:74269971-	0	0.0310351
FAM170A	TSS27488	chr5:118965255	0	0
SPATA31A7	TSS22000	chr9:41500678-	0.0220837	0.00253401
USP17L11	TSS25911	chr4:9259849-9	0	0
TPSAB1	TSS28025	chr16:1290677-	0	0
NPPB	TSS33729	chr1:11917520-	0	0
USP17L24	TSS6285	chr4:9341128-9	0	0
LINC00837	TSS34138	chr10:29078239	0	0
LINC00293	TSS32360	chr8:47752507-	0	0
HSPB8	TSS19151	chr12:11961659	0	0.0351816
CSH1	TSS6715	chr17:61972267	0	0
NSFP1	TSS21040	chr17:44668099	1.65952	5.71E-40
CRYGD	TSS19425	chr2:208986330	0	0
NKX2-6	TSS31236	chr8:23559963-	0	0
VCY1B	TSS29968	chrY:16168101-	0	0
VCY1B	TSS32661	chrY:16097651-	0	0
USP17L19	TSS19229	chr4:9255103-9	0	0
LOC101929284	TSS15262	chr5:8839843-8	0	0
OR4F13P	TSS12434	chr15:10238232	0	0
POTEB3	TSS8384	chr15:22051852	0	4.93E-08
CLDN34	TSS7016	chrX:9935397-1	0	0
PLA2G3	TSS32949	chr22:31530792	0	0
MXRA5	TSS5223	chrX:3226608-1	0	0
POU3F2	TSS3141	chr6:99282579-	0	0.0164628
LOC728095	TSS17569	chr5:168440237	0	0
KRTAP19-5	TSS28638	chr21:31874189	0	0
BPI	TSS10050	chr20:36932557	0.223555	0.269331
LOC100996349	TSS10479	chr19:22790817	1.95329	0
OR4K14	TSS23238	chr14:20482419	0	0
SLC17A6	TSS31033	chr11:22359666	0	0
C3orf79	TSS3385	chr3:153202285	0	0.0783265
MLK7-AS1	TSS32709	chr2:174062440	0	0.109764
REXO1L2P	TSS16325	chr8:86775049-	0.0572384	0.00924835
COL4A2-AS1	TSS24609	chr13:11115492	0	0
CEACAM6	TSS22495	chr19:42259427	0.325407	0.145854
PAX7	TSS21448	chr1:18957499-	0	0
DEFB4B	TSS27986	chr8:7272384-7	0	0
LOC100631378	TSS19626	chr19:38314362	0	0
BMP5	TSS922	chr6:55620237-	0	0.14503
TPRG1-AS2	TSS5364	chr3:188956474	0	0
GHRH	TSS27553	chr20:35879489	0	0
LCE3E	TSS6716	chr1:152538174	0	0
MRGPRG-AS1	TSS31895	chr11:3239561-	0	0
KRTAP13-4	TSS21922	chr21:31802595	0	0
OR8B8	TSS34088	chr11:12431004	0	0

SPRR2C	TSS18556	chr1:15311259	0	0
LOC285000	TSS11697	chr2:10620955	0	0
PRKD1	TSS1181	chr14:3004568	0.0356326	0.25741
AZU1	TSS34156	chr19:827830	0.894668	0.520472
THCAT155	TSS30780	chr12:3592877	0	0
TCAM1P	TSS17589	chr17:6193437	0	0
STEAP2	TSS29840,TSS	chr7:89840999	0	0
MMP10	TSS25850	chr11:1026412	0	0
CCKAR	TSS17558	chr4:26483017	0	0
RASEF	TSS16470	chr9:85594499	0	0.0417542
USP17L27	TSS28013	chr4:9350618	0	0
OR4A16	TSS3420	chr11:5511067	0	0
IGF1	TSS21431,TSS	chr12:1027896	0.0360854	0.0778159
LOC100506675	TSS12043	chr11:3205752	0	0
TRIM31-AS1	TSS24826	chr6:30073016	0	0
NRP1	TSS29170	chr10:3346641	0.132269	0.0585197
LINC01213	TSS17342,TSS	chr3:14995630	0	0
LOC101927078	TSS25475	chr5:11378311	0.0471578	0
SPATA31A7	TSS3831	chr9:65503365	0.024268	0.00253401
SOX14	TSS21146	chr3:13748313	0	0
DNAJC25-GN	TSS18580	chr9:11439363	5.09E-20	2.49E-124
CXorf67	TSS33567	chrX:51149766	0	0
COL5A1	TSS9205	chr9:13753365	0.0403241	0.0234004
HAS1	TSS5010	chr19:5221636	0	0
TRIM53AP	TSS3313	chr11:8957516	0	0
LOC100506682	TSS28825	chr7:12711693	0	0
NKX1-1	TSS15638	chr4:1396719	0	0
CCL2	TSS14766	chr17:3258229	0	0
FMN2	TSS33409	chr1:24025518	0	0.0411782
VSNL1	TSS22370	chr2:17721806	0	0
LOC101928052	TSS11937	chr4:16294388	0.950034	0
PRAMEF11	TSS21496	chr1:12884617	0	0.0212115
GC	TSS18959,TSS	chr4:72607410	0	0
TSPY1	TSS32453	chrY:9304563	0	0
TFAP2C	TSS27207	chr20:5520435	0	0.0119614
KLK12	TSS19892	chr19:5153234	0	0
LOC100128317	TSS16074,TSS	chr7:81205701	0.0186001	0
KRTAP9-8	TSS9924	chr17:3939426	0.50807	0
LINC01111	TSS22464	chr8:77318888	0	0
OR11A1	TSS23159	chr6:29393280	0	0
ELANE	TSS9396	chr19:852290	1.26572	0.0853679
APOH	TSS8611	chr17:6420814	0	0
PTGIS	TSS32057	chr20:4812041	0	0.0118705
TTTTY3B	TSS18533	chrY:26082873	0	0
TTTTY3B	TSS29226	chrY:27874636	0	0
DEFB105B	TSS14032	chr8:7345190	0	0.0648436
LINC00314	TSS17587	chr21:2938568	0	0.466566
SDC4P	TSS28873	chr22:3087727	0	0
SUPT20HL2	TSS6771	chrX:24328978	0	0.0141122
AGR2	TSS23863	chr7:16832263	0	0.0395928
HOXC13	TSS18984	chr12:5433257	0	0
C16orf97	TSS5338	chr16:5206026	0	0
CLDN18	TSS26120,TSS	chr3:13771765	0.00163489	0.11148
LINC00353	TSS21490	chr13:9020104	0	0
DIO3OS	TSS19685	chr14:1020185	0	0

C17orf102	TSS12700	chr17:3290114-	0	0
LOC102723828	TSS25526	chr4:31999000-	0	0
MAB21L1	TSS4228	chr13:36047925-	0	0.011778
USP17L25	TSS5820	chr4:9364854-9	0	0
C9orf170	TSS14160	chr9:89763558-	0	0
DEFB121	TSS17293,TSS	chr20:2999264-	0	0
ESRG	TSS28719	chr3:54666150-	0	0
SLITRK5	TSS15465	chr13:88324869-	0	0.000754057
LINC01412	TSS24894	chr2:145279434-	2.4266	0
LOC101927431	TSS13631	chr2:195595318-	0	0
PRTN3	TSS1272	chr19:840984-8	0	0
PIRT	TSS30728	chr17:1072579-	0	0
HRH3	TSS20909	chr20:60790016-	0	0.0021404
HSPB3	TSS31822	chr5:53751430-	0	0
LGALS13	TSS727	chr19:40093168-	0	0
EGFLAM-AS4	TSS28417	chr5:38282370-	0	0
LOC100505887	TSS2548,TSS3	chr1:6784804-6	0	0
MAGEA4	TSS22951,TSS	chrX:151081360-	0	0
KRTAP13-2	TSS19403	chr21:31743708-	0	0
REXO1L2P	TSS912	chr8:86756683-	0.0563961	0.0112284
MOXD2P	TSS14492	chr7:141940555-	0	0
PRR23C	TSS21702	chr3:138760945-	0	0
NTM-IT	TSS8218	chr11:13215419-	0	0
LOC100507389	TSS980	chr3:142645516-	0	0
CRTAC1	TSS28933	chr10:99624756-	0	0.00211066
LRIT1	TSS13450	chr10:85991275-	0	0
RNASE3	TSS18178	chr14:2135956-	0	0
DEFB104B	TSS2026	chr8:7693992-7	0	0
USP17L24	TSS22076	chr4:9326890-9	0	0
PGLYRP1	TSS12635	chr19:4652241-	1.00833	0.164636
OR2T1	TSS30504	chr1:248569295-	0	0
USP17L10	TSS27162	chr4:9212382-9	0	0
USP17L25	TSS22574	chr4:9336383-9	0	0
WFDC9	TSS16052	chr20:4423657-	0	0
SPANXN5	TSS18446	chrX:52825185-	0	0
LOC101927766	TSS9041	chr5:15920378-	0	0
KCNG4	TSS14236	chr16:84254740-	0	0
LINC01249	TSS29258	chr2:4675807-2	0	0
LCE2C	TSS8533	chr1:152647790-	0	0
USP17L25	TSS20523	chr4:9331636-9	0	0
OR4C12	TSS1056	chr11:50003008-	0	0
CLDN16	TSS23710	chr3:190105660-	0	0
LINC00700	TSS7778	chr10:2047666-	0	0
SIGLEC1	TSS28611	chr20:3667616-	0	0
TEX13A	TSS19877	chrX:104463610-	0	0
FGF3	TSS22486	chr11:69624735-	0	0.140275
IL21-AS1	TSS2700	chr4:12354013-	0	0
OR5D14	TSS33117	chr11:5556303-	0	0
OR4M1	TSS16716	chr14:2024848-	0	0
LOC101928661	TSS3875	chr6:14691565-	0	0
CABS1	TSS13702	chr4:71200670-	0	0
LPL	TSS28968	chr8:19796581-	0	0.0459775
LECT2	TSS31221	chr5:135282595-	0	0
LOC101928269	TSS24630	chr21:37326976-	0	0
FAM74A6	TSS15785	chr9:41516053-	0	0

NKX2-1-AS1	TSS28705	chr14:3698848-	0	0
KRTAP13-1	TSS11892	chr21:3176839-	0	0
USP17L13	TSS12967	chr4:9226621-	0	0.135845
CXCL13	TSS4613	chr4:78432906-	0.361993	0.0545554
CCL21	TSS34	chr9:34709001-	0	0
TRIM49C	TSS12040	chr11:8976427-	0.626506	0.000898389
REXO1L2P	TSS28762	chr8:86787244-	0.035792	0.00728862
DCT	TSS14294	chr13:95091840-	0	0
MAB21L3	TSS13338	chr1:11665437-	0.0816895	0.0105389
DEFA1B	TSS11108	chr8:6854287-	37.9473	10.8849
SPACA5	TSS16942	chrX:47986602-	0	7.01E-06
SPACA5	TSS22380	chrX:47863733-	0	7.26E-06
CLDN25	TSS856	chr11:1136505-	0	0
SHANK2-AS3	TSS589	chr11:7070889-	0	0
THBS4	TSS14750,TSS	chr5:79287118-	0	0.0220124
AKAP12	TSS12194,TSS	chr6:15156113-	0.129277	0.105366
ARG1	TSS10440	chr6:13189434-	1.46902	0.0494697
EPHA3	TSS447	chr3:89156673-	0	0.0512879
KLHL40	TSS19117	chr3:42727010-	0	0
OR6N1	TSS25974	chr1:15873553-	0	0
PALM2	TSS18412,TSS	chr9:11240306-	0	0.0709187
LINC00433	TSS1006	chr13:8919308-	0	0
USP17L24	TSS15810	chr4:9345873-	0	0
FAM205C	TSS31812	chr9:34889060-	0	0
SIX1	TSS24097	chr14:6111141-	0	0
SLC7A2	TSS17544,TSS	chr8:17354596-	0	0.00435855
IFNA10	TSS9484	chr9:21206179-	0	0
COLEC10	TSS25772	chr8:12007942-	0	0
LINC00615	TSS16143	chr12:9131179-	0	0
USP17L6P	TSS30749	chr4:9369599-	0	0
PRM3	TSS30588	chr16:1136705-	0	0
LINC01005	TSS26236	chr7:63484795-	0	0
OR51G2	TSS4745	chr11:4935948-	0.589019	0
LOC101927641	TSS10148	chr2:20047279-	0	0
USP17L25	TSS17913	chr4:9355363-	0	0
LINC01262	TSS3855	chr4:19058075-	0	0
SPINK4	TSS16757	chr9:33240195-	0	0
FAM47B	TSS27657	chrX:34960912-	0	0
INSC	TSS2277,TSS2	chr11:1513396-	0	0.133497
TNR	TSS32219	chr1:17529193-	0	0
GPX5	TSS23566	chr6:28493788-	0	0
OR10A3	TSS13280	chr11:7960122-	0	0
LOC101927881	TSS19201	chr2:12962217-	0	0
LOC10192885	TSS10181	chr5:67089040-	0	0
OLFM4	TSS21923	chr13:5360287-	0.439297	0.0703594
DAZ4	TSS21763	chrY:25365580-	0.000146987	0.00011387
LINC01553	TSS5198	chr10:6171797-	0	0
TTY5	TSS9255	chrY:24442944-	0	0
ISLR	TSS8631,TSS9	chr15:7446608-	0	0.0166021
OR1J2	TSS26749	chr9:12527308-	0.00767918	0
PCP4	TSS33634	chr21:4123934-	0	0
OTUD6A	TSS955	chrX:69282340-	0	0
LINC00645	TSS12482	chr14:2808179-	0	0
ATP12A	TSS11561	chr13:2525454-	0	0.0181594
LOC149373	TSS12963	chr1:23131984-	0	0



C1QL2	TSS16201	chr2:119913818	0	0
LOC400940	TSS15096	chr2:6122109-6	0	0
LINC01338	TSS20081	chr5:82146683-	0	0
RPTN	TSS21654	chr1:152126070	0	0
LCN1	TSS32566	chr9:138413280	0	0
SFTPA1	TSS32451	chr10:81370694	0	0
REXO1L2P	TSS6737	chr8:86814712-	0.0590448	0.00925851
OR5E1P	TSS23512	chr11:7870597-	2.2314	0
FGF1	TSS11450,TSS	chr5:141971742	0	0
OVOL2	TSS1484,TSS2	chr20:18004795	0	0
LINC00479	TSS22647	chr21:43131679	0	0
KIF25-AS1	TSS20282	chr6:168394860	0.100988	0
FTH1P18	TSS26151	chrX:37060954-	0	0.0194915
DEFA1B	TSS22874	chr8:6835170-6	35.3049	6.84565
LOC101929653	TSS2511	chr11:13140375	0	0
REXO1L2P	TSS13848	chr8:86573664-	0.0854748	0.0112284
KRT28	TSS24524	chr17:38948447	0	0
LOC101929128	TSS2178	chr8:9046508-9	0	0.118436
MIR27A	TSS5575	chr19:13947250	0	0
LINC00359	TSS29273	chr13:97593534	0	0
DEFB132	TSS13790	chr20:238376-2	0	0
OR7G2	TSS8374	chr19:9212944-	0	0
KRTAP21-1	TSS10104	chr21:32127450	0	0
LCN6	TSS10404	chr9:139638468	0	0
TPD52L3	TSS3145	chr9:6328348-6	0	0
ANO1-AS2	TSS4945	chr11:69918539	0	0
LTF	TSS30125,TSS	chr3:46477495-	3.52575	0.477932
LCE1A	TSS702	chr1:152799948	0	0
MMP8	TSS32813	chr11:10258252	0.5772	0
FAM41AY2	TSS5202	chrY:19612837-	0	0
FAM41AY2	TSS8569	chrY:20551155-	0	0
USP17L12	TSS18849	chr4:9264597-9	0	0
LINC01425	TSS22872	chr21:23119304	0	0
SNORD110	TSS22450	chr20:2634857-	0	0
SPATA31E1	TSS19262	chr9:90497771-	0	0
LOC441178	TSS13927	chr6:168080305	0	0
BPIFA3	TSS27381	chr20:31805115	0	0
OR6V1	TSS20133	chr7:142749437	0	0
GUCA2B	TSS202	chr1:42619091-	0	0
SLC25A3P1	TSS1171	chr1:53904042-	0	0
PYGO1	TSS17205	chr15:55831084	0.00506685	0.0196023
AADACL2	TSS7765	chr3:151451700	0	0
LOC100506790	TSS23268	chrX:134530350	0	0
CCL26	TSS10868	chr7:75398841-	0	0
LCN2	TSS13701	chr9:130911737	5.40527	0.394753
LINC00308	TSS21816	chr21:23470935	0	0
GAGE12F	TSS3268,TSS7	chrX:49296745-	2.47E-15	0
IL13RA2	TSS5525	chrX:114238537	0	0
LINC00378	TSS2947	chr13:61247088	0	0
SLITRK3	TSS27692	chr3:164904507	0	0
ALOX15B	TSS25713	chr17:7942357-	0	0.0138731
TMEM189-UBE	TSS6896	chr20:48697660	1.09197	0.000202461
LPPR1	TSS31343,TSS	chr9:103791030	0	0
KIF25	TSS11045	chr6:168418552	0	0
CRNN	TSS30146	chr1:152381718	0	0

CRISP2	TSS23274	chr6:49660070-	0	0
LOC105748977	TSS12940	chr1:211813149	0	0
KRTAP11-1	TSS29839	chr21:32252960	0	0
OR10V1	TSS20097	chr11:59480388	0	0
REXO1L2P	TSS1716	chr8:86839093-	0.0747869	0.00728862
REXO1L2P	TSS14988	chr8:86802519-	0.0332855	0.00925851
KRT32	TSS12133	chr17:39615764	0	0
DEFA4	TSS12450	chr8:6793341-6	0	0.0715596
PCDHB17P	TSS3571	chr5:140535579	0	0
GPX6	TSS31266	chr6:28471072-	0	0
LGI1	TSS32700	chr10:95517569	0	0
TDRG1	TSS7274	chr6:40346162-	0	0
KRT33B	TSS23957	chr17:39519749	0	0
LINC01514	TSS224	chr10:10293607	0	0
MAGEC2	TSS32009	chrX:141290127	0	0
CIDEA	TSS19276,TSS	chr18:12254317	0	0
C1QTNF1-AS1	TSS18792	chr17:77015290	0	0
LOC102723661	TSS19742	chr1:96457623-	0	0
RESP18	TSS17348	chr2:220192130	0	0
MIR7848	TSS27124	chr8:134058729	0	0
DEFB104B	TSS27107	chr8:7327829-7	0	0
CYP1A1	TSS456	chr15:75011882	0.170776	0.237985
ARHGEF3-AS1	TSS14348	chr3:56974067-	0	0
MAGEB10	TSS1695	chrX:278261067	0.0233381	0
ANKFN1	TSS24604	chr17:54230839	0	0
LOC101927460	TSS11140	chr5:124828950	0	0
KRTAP10-10	TSS2841	chr21:46057272	0	0
LOC101929983	TSS3626	chr1:13364885-	0	0
TRIM60	TSS5134	chr4:165953150	0	0
KRTAP1-1	TSS13067	chr17:39196810	0	0
POTEB3	TSS32952	chr15:21040700	0	4.93E-08
OR2C3	TSS12397	chr1:247693430	0	0
LINC01254	TSS2899	chr18:10405129	0	0
MAGEB2	TSS5863	chrX:30233674-	0	0
TSPY8	TSS25407	chrY:9195451-9	0	0
LOC102723617	TSS23381	chr19:36088790	0	0.155441
LINC00599	TSS26560	chr8:9757573-9	0	0
DAZ4	TSS8654	chrY:26979966-	0.0606771	0.000114533
REXO1L2P	TSS13058	chr8:86727072-	0.0869529	0.0131983
OPTC	TSS29729	chr1:203463270	0	0
LINC01007	TSS1110	chr7:101206034	0	0
GAGE6	TSS6735	chrX:49335037-	9.05E-10	0
NKX1-2	TSS1327	chr10:12613599	0	0
FAT1	TSS10472	chr4:187508930	0.048561	0.00662996
LOC101927394	TSS7238	chr3:7994491-8	0	0
MYCNUT	TSS30992	chr2:16060520-	0	0
ZNF385D-AS2	TSS15397	chr3:21998630-	0	0
OR13C2	TSS17828	chr9:10736695-	0	0
DUSP21	TSS18334	chrX:44703248-	0	0
OR5D13	TSS4272	chr11:55540910	0	0
ZIC3	TSS9856	chrX:136648340	0	0
OR4E2	TSS23423	chr14:22133290	0	0
LOC100288748	TSS32536	chr8:95649512-	0	0
CTB-12O2.1	TSS30416	chr5:151338458	0.583933	0
FBLN1	TSS31515	chr22:45898718	0	0.0503031

LOC101927081	TSS610	chr14:27342338	0	0
POSTN	TSS13653	chr13:38136718	0	0
FGA	TSS16864	chr4:155504279	0	0
ANKRD30B	TSS24741	chr18:14748238	0	0.0353559
YAP1	TSS12179,TSS	chr11:10198119	0	0.0510152
TAAR2	TSS1184,TSS1	chr6:132938288	0	0
LOC100505841	TSS33479	chr5:121495870	0	0
TRIM49	TSS30424	chr11:89530822	0	0
CSMD2-AS1	TSS31629	chr1:34334556	0.0348149	0
GAGE6	TSS9909	chrX:49325479	1.21E-09	0
TPSG1	TSS11111	chr16:1271650	0	0.0344361
LOC101927616	TSS26152	chr12:12780869	0	0
CLDN10-AS1	TSS20783	chr13:96131697	0	0
KRTAP9-6	TSS7402	chr17:39421629	0	0
SPRR3	TSS31428	chr1:152974222	0.0566752	0
USP17L12	TSS6914	chr4:9221877-9	0	0
TMPRSS15	TSS12980	chr21:19641432	0	0
LINC01570	TSS1939	chr16:56511169	0	0
USP17L11	TSS31664	chr4:9217130-9	0	0
TAS2R38	TSS33830	chr7:141672430	0	0
REXO1L2P	TSS8763	chr8:86748526	0.0485322	0.0151682
IL9	TSS16308	chr5:135227934	0	0
OR8U8	TSS23953	chr11:56143099	0	0
REXO1L2P	TSS642	chr8:86566827	0.0811758	0.0122134
LOC100288570	TSS30794	chr2:111160499	0	4.35E-10
SIM1	TSS24505	chr6:100836749	0	0
TRPV6	TSS21098	chr7:142568959	0.0151923	0.0235216
IFNA17	TSS31668	chr9:21227241	0	0.0198696
AQP2	TSS27094	chr12:50344520	0	0
CSN1S1	TSS8923	chr4:70796798	0	0
CSN2	TSS14342	chr4:70820973	0	0
CYP2B7P	TSS21848	chr19:41430169	0.21277	0
PTPRD-AS2	TSS22703	chr9:10613205	0	0
MIR1181	TSS16749	chr19:10514130	0	0
LINC01391	TSS31288	chr3:138654030	0	0
ART4	TSS31719	chr12:14982244	0.623026	0
LOC102724604	TSS13118	chr3:181138950	0	0
LINC01519	TSS1234,TSS1	chr10:86953170	0	0
LOC392364	TSS8034	chr9:90472957	0	0
NPAP1	TSS32074	chr15:24920540	0	0
USP17L20	TSS12197	chr4:9269344-9	0	0
LINC01105	TSS32838	chr2:6072818-6	0	0.0192991
HBM	TSS16884	chr16:215972-2	0	0
LOC105372441	TSS32862	chr19:51333789	0.413714	0
LINC01159	TSS7638	chr2:105481954	0	0
LINC01221	TSS20443	chr1:198985267	0	0
TSPY2	TSS12866	chrY:6114263-1	0	0
LINC00377	TSS5738	chr13:81592529	0	0.0425152
CT45A1	TSS5725	chrX:13484718	0	8.29E-13
IL1B	TSS23227	chr2:113587330	0	0.169808
PI15	TSS8063	chr8:75736771	0	0.00491435
MRGPRX1	TSS16199	chr11:18955359	0	0
LINC00403	TSS14797,TSS	chr13:11262662	0	0.235832
C9orf57	TSS24325	chr9:74666296	0	0
TEX13B	TSS15926	chrX:10722409	0	0

LOC101929406	TSS10663	chr1:30486798-	0	0
SLC19A3	TSS778	chr2:22854992-	0	0.000814847
LOC401557	TSS26857	chr9:13807345-	0	0
SPATA31D1	TSS13722	chr9:84603686-	0	0
CRYBA4	TSS19493	chr22:2701792-	0	0
MAGEL2	TSS6090	chr15:2388869-	0	0
PRR20B	TSS3243	chr13:5772162-	0.00496199	0.011529
PRR20E	TSS3660	chr13:5771505-	0.00496199	0.011529
OR2G2	TSS10794	chr1:24775166-	0	0
OR2A14	TSS16284	chr7:14382620-	0	0
C7orf65	TSS5008	chr7:47694841-	0	0
CDRT15P2	TSS19230	chr17:1566801-	0	0
PASD1	TSS1687	chrX:15073200-	0	0
SERPINA4	TSS30436	chr14:9502775-	0	0
F3	TSS6292	chr1:94994731-	0	0.109357
MYO3A	TSS26439	chr10:2622300-	0	0
TARM1	TSS16961	chr19:5457320-	0	0
LOC284788	TSS7820	chr20:2238097-	0	0
LINC01256	TSS13117	chr4:13351224-	0	0
LRRTM1	TSS17630	chr2:80529002-	0	0
CA9	TSS13711	chr9:35673914-	0.180289	0.0465559
GSX2	TSS20835	chr4:54966247-	0	0
PRR20A	TSS33909	chr13:5772819-	0.00496199	0.011529
LOC101927410	TSS27878	chr18:1066192-	0	0
MIR23A	TSS7251	chr19:1394740-	0	0
ZNF648	TSS15416	chr1:18202370-	0	0
PRR20A	TSS24133	chr13:5774133-	0.00496199	0.011529
LINC01507	TSS21701,TSS	chr9:82439444-	0	0.748575
LINC0003	TSS23471	chr5:56866168-	0	0
TMEM257	TSS9757	chrX:14490892-	0	0
TRIM49D2	TSS31525	chr11:8964457-	0	1.32E-05
PRR20A	TSS22139	chr13:5773476-	0.00496199	0.011529
GCM2	TSS15768	chr6:10873455-	0	0
OR11H4	TSS3993	chr14:2071095-	0	0
LOC101927318	TSS1934,TSS2	chr12:5034529-	0	0
CNTNAP5	TSS32843	chr2:12478286-	0.00453736	0.00619634
FBP2	TSS16510	chr9:97320995-	0	0
SPATA19	TSS23640	chr11:1337105-	0	0
GCKR	TSS9274	chr2:27719705-	0	0
OR14J1	TSS28170	chr6:29274466-	0	0
GAGE12F	TSS10308	chrX:49334968-	3.57E-15	0
GABRA5	TSS15402,TSS	chr15:2711186-	0	0
OriLyt_1	-	chrEBV(Akata_	0	3.48E-05
CST9L	TSS29873	chr20:2354536-	0	0
COL21A1	TSS21990	chr6:55921387-	0	0
PROL1	TSS19090	chr4:71263598-	0	0
TTY20	TSS16089	chrY:9167488-	0	0.491168
LINC00210	TSS32782	chr1:21806624-	0	0
LOC100506422	TSS13547	chr9:26066672-	0	0
LINC00564	TSS26383	chr13:8180000-	1.05153	0
CCT8L2	TSS21396	chr22:1707164-	0	0
LOC101928304	TSS21905	chr6:13484645-	0	0
OR10P1	TSS17910	chr12:5603067-	0	0
LOC440896	TSS15270	chr9:69174213-	0	0.112546
HAND2	TSS27633	chr4:17444765-	0	0

CACNG8	TSS33505	chr19:54466289	0	0.0411818
SNORD20	TSS23877	chr2:232321154	0	0
LOC102724539	TSS9348	chr1:8268731-8	0	0
CD177	TSS431	chr19:43857810	0	0.0628257
DMRT2	TSS20520,TSS	chr9:1050345-1	0	0
LOC340074	TSS31064	chr5:13498437-	0	0.0172153
C9orf135-AS1	TSS8473	chr9:72434320-	0	0
LOC101928270	TSS12834	chr1:99937975-	0	0
CST13P	TSS21161	chr20:23499782	0	0
POTEKP	TSS33288	chr2:132354346	0	0
HOXA13	TSS24124	chr7:27236498-	0	0.0275025
LOC101928358	TSS8152	chrX:10797976-	0	0.066255
NEU2	TSS15518	chr2:23389738-	0	0
LOC101929584	TSS3041	chr12:5343161-	0	0
TECTB	TSS479	chr10:1140434-	0	0
SERPINB7	TSS11664,TSS	chr18:61420280	0	0
EBNA-LP_1	-	chrEBV(Akata_	0	0.0452738
LINC01117	TSS1152	chr2:17750248-	0	0
GACAT2	TSS25383	chr18:8695853-	0	0
HOXC-AS2	TSS9785	chr12:5438899-	0	0
ATP6V0A4	TSS19096,TSS	chr7:138391038	0	0.0450341
LOC100129307	TSS23113	chr13:78235508	0	0
TSPY10	TSS12605,TSS	chrY:9236048-1	0	0
TRIM49D2	TSS23056	chr11:8965723-	0	1.37E-05
KLK5	TSS25979	chr19:51446558	0	0
VN1R4	TSS27962	chr19:53770012	0	0
USP17L15	TSS4691	chr4:9236110-9	0	0
CCL13	TSS14268	chr17:32683470	0	0
TRIM49B	TSS6879	chr11:4905315-	0	0
OVAAL	TSS13036	chr1:180528109	0	0
DAZ4	TSS28755	chrY:26909215-	0.0346686	0.0308909
KRTAP9-4	TSS15623	chr17:39405938	0	0
CRYGA	TSS7706	chr2:20902546-	0	0
SRL	TSS4135	chr16:4239374-	0.154527	0
PRAMEF7	TSS8018	chr1:13386914-	0	0
LINC01602	TSS18245	chr8:58890916-	0	0.132968
DAZ2	TSS12498	chrY:26979989-	2.05E-07	0.0349471
SSX4B	TSS9735	chrX:48261523-	0	0
LOC101927495	TSS32216	chr11:61355968	0	0
HGC6.3	TSS5280	chr6:16837660-	0	0
KRTAP4-5	TSS16638	chr17:39305178	0	0
NLGN4X	TSS11626,TSS	chrX:5808066-1	0.00752482	0.11067
SPANXC	TSS22550	chrX:14078556-	0	0
NCAN	TSS31084	chr19:1932278-	0.129201	0.0505914
LINC00710	TSS8542	chr10:10976902	0	0
CDH17	TSS18325,TSS	chr8:95139393-	0	0
PRAMEF8	TSS33318	chr1:13607699-	0	0
LOC101929413	TSS17503	chr20:10855980	0	0
TMPRSS11B	TSS22144	chr4:69092370-	0	0
LOC100505795	TSS30261	chr1:164738352	0	0
LINC00709	TSS28106	chr10:9317575-	0	0
LINC00445	TSS17864,TSS	chr13:36271660	0	0
PNMA2	TSS5210	chr8:26362195-	0	0.027583
DAZ2	TSS33378	chrY:25365603-	0.0322461	0.0317722
PRAMEF15	TSS17074	chr1:13421175-	0	2.13E-06

SPANXN1	TSS5593	chrX:14432910	0	0
BWRF1_1	-	chrEBV(Akata_	0	7.41E-07
OR56A1	TSS30328	chr11:6047900-	0	0
LGALS16	TSS32129	chr19:4014653	0	0
NKAIN2	TSS16460,TSS	chr6:12412499	0.0184964	0.0106663
UGT1A7	TSS13199	chr2:23459058	0	0
PCGEM1	TSS20381	chr2:19361457	0	0.860726
PRAMEF15	TSS1374	chr1:13641972-	0	2.13E-06
SPSB4	TSS27269	chr3:14077024	0	0
TTTTY4	TSS20390	chrY:25082601-	0	0
TTTTY4C	TSS29200	chrY:27209229-	0	0
PRAMEF8	TSS30297	chr1:12976466-	0	0
PPP4R3CP	TSS28536	chrX:27478327-	0	0
MIR3661	TSS26136	chr5:13356144	2.89E-05	5.64E-06
LOC401324	TSS31083	chr7:35353465-	0	0
COL11A1	TSS14654	chr1:10334202	0	0.00158585
LOC101927023	TSS24148	chr5:11156397	0	0
PCDH9-AS2	TSS26683	chr13:6739930	0	0
CPB1	TSS3010	chr3:14854558	0	0
PRSS56	TSS4071	chr2:23338517	0	0
PRAMEF12	TSS13266	chr1:12834990-	0	0
LOC101928134	TSS13273,TSS	chr15:3359585	0	0
LINC00410	TSS7247	chr13:9154320	0	0
LOC401286	TSS19056	chr6:16806752	0	0
LOC101927987	TSS33883	chr2:79720841-	0	0
TTTTY4B	TSS10132	chrY:26716348-	0	0
SMYD1	TSS28607	chr2:88367298-	0	0
ANO1	TSS1541,TSS1	chr11:6992440	0	0.0139045
LINC00028	TSS6488	chr20:3007358	0	0
PLCXD3	TSS12876	chr5:41307047-	0	0
LINC01524	TSS12119	chr20:5123737	0	0
OR9G9	TSS33836	chr11:5646786	0	0
AADAC	TSS32968	chr3:15153186	0	0
CALML3	TSS25088	chr10:5566851-	0	0
OR51S1	TSS34013	chr11:4869466-	0	0
GALNT5	TSS25775	chr2:15811433	0	0
LINC00457	TSS22555	chr13:3500959	0	0
FGF13	TSS10829,TSS	chrX:13771373	0	0.00293928
PRAMEF17	TSS1514	chr1:13495257-	0	0
LNX1-AS1	TSS2854	chr4:54366243-	0	0
CT45A5	TSS496	chrX:13486621	0	1.34E-19
TMCO5A	TSS25484	chr15:3822680	0	0
LINC01520	TSS26273	chr10:8720934	0	0
SNORA80A	TSS6105	chr21:3374949	0	0
LOC103312105	TSS29331	chr11:3863981	0	0
OR7G3	TSS19513	chr19:9236687-	0	0
GSTA7P	TSS2404	chr6:52604260-	0	0
LOC100996263	TSS31473	chr1:11813945	0	0
MAS1L	TSS26745	chr6:29454542-	0	0
LOC101929662	TSS22436	chr10:8719261	0	0
LCE4A	TSS32749	chr1:15268152	0	0
GULP1	TSS2081,TSS5	chr2:18915639	0.269844	0.0106774
ID4	TSS33766	chr6:19837600-	0.0024269	0.0217495
LOC101448202	TSS31804	chr9:13771126	0	0.416688
TECRL	TSS6679	chr4:65144176-	0	0

SHISA9	TSS15490	chr16:12995476	0.0612356	0.00491809
KRTAP9-2	TSS15354	chr17:39382895	0	0
KCNB2	TSS15949	chr8:73449625-	0	0
DNER	TSS26624	chr2:23022234-	0	0
CH17-360D5.1	TSS33780	chr10:4708672-	0	0
C1QTNF1	TSS14585,TSS	chr17:77019015	0	0.0126621
OR51D1	TSS17088	chr11:4660944-	0	0
DAOA	TSS3133,TSS8	chr13:1061182-	0	0
LINC01496	TSS21517	chrX:51242760-	0	0
SSX1	TSS19568	chrX:48114751-	0	0
KRTAP9-9	TSS16365	chr17:39411635	0	0
LINC00558	TSS31481	chr13:5438955-	0	0
ESX1	TSS24835	chrX:10349471-	0	0
DRD1	TSS19770	chr5:17486767-	0	0
MYT1L-AS1	TSS9840	chr2:2323003-	0	0
GAGE12F	TSS21374	chrX:49325410-	6.15E-15	0
SERPINB4	TSS6662	chr18:6130449-	0	0
DSCR8	TSS1208	chr21:3949354-	0	0
OR7A10	TSS34137	chr19:1495175-	0	0
MEPE	TSS26720,TSS	chr4:88742549-	0	0
SERPINB3	TSS4936	chr18:6132243-	0	0
ASB4	TSS32381	chr7:95115212-	0	0
SNORD57	TSS13622	chr20:2637584-	866584	0
LOC101927709	TSS24181	chr2:11935735-	0	0
LOC101927285	TSS4833	chr2:59444842-	0	0
SPRR2D	TSS6710	chr1:15301220-	0	0
GOLGA6L1	TSS14122	chr15:2273624-	0	0.000354669
GPC6-AS2	TSS21133	chr13:9447067-	0	0.0668204
LOC101054525	TSS11651	chr11:1009998-	0	0
DEFA3	TSS29471	chr8:6873390-	0.000673454	6.24133
LOC100506188	TSS22060	chr6:57125321-	0	0
GAGE12F	TSS25288	chrX:49315857-	5.78E-07	0
GABRA6	TSS29822	chr5:16111265-	0	0
UMOD	TSS33398	chr16:2034437-	0	0
OR5M3	TSS17008	chr11:5623696-	0	0
LINC00681	TSS20415	chr8:12651751-	0	0
HIST1H2BA	TSS26649	chr6:25727136-	0	0
PTN	TSS22185	chr7:13691209-	0	0.0468603
IRG1	TSS27242	chr13:7752662-	0	0
APOC2	TSS3755	chr19:4544923-	0	0
CT45A10	TSS11084,TSS	chrX:13494565-	0	0.12622
SERPINB11	TSS1512,TSS9	chr18:6136953-	0	0
GSTA2	TSS3317	chr6:52614884-	0	0
LOC101928030	TSS26124	chr12:9524377-	0	0
SAA2-SAA4	TSS26502	chr11:1825290-	0	4.89E-06
DAZ4	TSS21839	chrY:25275501-	0.00879645	0.0371062
LINC01486	TSS33246	chr12:1097919-	0	0
CDY1	TSS27039	chrY:27768263-	0	0
KRTAP9-3	TSS1108	chr17:3938871-	0	0.0391602
CTAG2	TSS32513	chrX:15388024-	0	0
RGS21	TSS6532	chr1:19228612-	0	0
MAGEA2	TSS31597	chrX:15191838-	0	0
MAGEA2	TSS31643	chrX:15188307-	0	0
CT45A4	TSS14571	chrX:13492869-	0	0.0298936
UGT1A5	TSS28948	chr2:23462163-	0	0

LOC101927907	TSS11194	chr2:77213090-	0	0
AFP	TSS30719	chr4:74301935-	0	0.00344858
BILF1_1	-	chrEBV(Akata_	0	0
CT45A7	TSS9821	chrX:13496321:	0	0.080976
CCDC148-AS1	TSS4077	chr2:15902316-	0	5.39E-39
ELMO1-AS1	TSS15666	chr7:37037400-	0	1.85E-292
MTNR1A	TSS15329	chr4:18745480:	0	0
DAZ3	TSS28755	chrY:26909215-	6.51E-05	5.08E-05
HOXC13-AS	TSS5578	chr12:5432911-	0	0
MIRLET7B	TSS13469	chr22:4650956:	6137.35	0
SLC16A12-AS	TSS25442	chr10:9121574-	0	0
SPZ1	TSS4820	chr5:79615789-	0	0
PWRN3	TSS21135	chr15:2468627:	0	0
SCGN	TSS13121	chr6:25652428-	0	0
RALGAPA1P	TSS17844	chr14:3600796:	4.55E-77	8.39E-111
PRAMEF20	TSS33490	chr1:13516065-	0	0
LINC00424	TSS293	chr13:2244693:	0	0
PRAMEF20	TSS24169	chr1:13736906-	0	0
SPHAR	TSS9247	chr1:22944012:	1.65E-38	3.79E-58
GAGE5	TSS21329	chrX:49216656-	0	0
ASB18	TSS13946	chr2:23710351:	0	0
ANKRD33	TSS19723	chr12:5228179:	0	0
OR2A12	TSS10849	chr7:14379220:	0	0
LOC101927650	TSS17157	chr16:6517565:	0	0
TXNRD3NB	TSS2743	chr3:12629062-	0	0
CTAG1A	TSS1481	chrX:15384586-	0	0
CT45A7	TSS25538,TSS	chrX:13484738:	0	0.191474
LOC646743	TSS31761	chr2:13132840-	0	0
LOC100507537	TSS11364	chr3:15500802:	1.92335	0
CTAG1B	TSS21405	chrX:15381341-	0	0
TSPY3	TSS23436,TSS	chrY:9236029-	0	0
MC2R	TSS16406,TSS	chr18:1388204:	0	0
LOC100506122	TSS26656	chr4:17196175:	0	0
UGT1A4	TSS14058	chr2:23462743-	0	0
MIR4721	TSS8287	chr16:2885523:	0	0
MAGEB16	TSS19981	chrX:35816458-	0	0.029981
LOC101928009	TSS21473	chr1:15314699:	0	0
IRS4	TSS3373	chrX:10797572:	0	0
FGF22	TSS31635,TSS	chr19:639894-	0	0
SNORD33	TSS32967	chr19:4999387:	0	865.268
KRTAP2-1	TSS4523	chr17:3920279:	0	0
KRTAP2-2	TSS15503	chr17:3921075:	0	0
C16orf92	TSS7382	chr16:3003465:	0	0
DAZ3	TSS8654	chrY:26979966-	3.97E-08	2.68E-08
Repeat_unit_rar	-	chrEBV(Akata_	0	0
TTTTY7	TSS419	chrY:9544432-	0	0
DAZ3	TSS21763	chrY:25365580-	5.57E-08	3.04E-08
NPY4R	TSS3068	chr10:4708353:	0	0
CRHR1	TSS21003	chr17:4386164:	0	0
Dyad_Symmetr	-	chrEBV(Akata_	0	0
TTTTY7	TSS23852	chrY:6317508-	0	0
MIR4453	TSS28852	chr4:15345757:	0	0
TTTTY7B	TSS23852	chrY:6317508-	0	0
SLC25A21-AS	TSS13382	chr14:3764123:	0	0
HSFY1	TSS21014,TSS	chrY:20893325-	0	7.11E-07



CFC1	TSS7190	chr2:13134973	5.10E-06	0
PRAMEF25	TSS4593	chr1:13052239	0	0
MIR6084	TSS26025	chr1:20960171	0	0
MIR922	TSS20105	chr3:19740136	0	3.19E-190
FAM74A1	TSS15785	chr9:41516053	0	0
SRGAP2D	TSS23525	chr1:20655736	1.35E-15	5.03E-09
LOC10272383	TSS3844	chr1:21624580	0	0
FR_Repeats_EE-		chrEBV(Akata_	0	0
MIR3610	TSS11225	chr8:11788696	0	0
IQCF5-AS1	TSS7601	chr3:51907611	0	0
MIR6125	TSS21865	chr12:6265413	0	0
MIR147B	TSS9914	chr15:4572524	0	0
HLTF-AS1	TSS32116	chr3:14880411	7.30E-159	0
SNORD86	TSS9347	chr20:2636742	0	2.90E-99
MIR4273	TSS26595	chr3:75787430	0	5.64E-20
MIR3651	TSS32604	chr9:95054739	0	0
MIR3191	TSS33615	chr19:4773020	0	0
MIR6080	TSS33554	chr17:6277687	0	0
MIR621	TSS20959	chr13:4138490	0	0
RNY5	TSS18395	chr12:4558087	0	0
MIR6803	TSS24334	chr19:5575655	0	0
MIR4267	TSS2819	chr2:11082753	0	0
MIR4517	TSS11062	chr16:2896990	0	0
MIR4319	TSS19882	chr18:4255004	0	0
SNORD92	TSS17038	chr2:29136527	0	0
MIR1224	TSS17093	chr3:18395919	0	0
SNORD105B	TSS11339	chr19:1022042	0	0
MIR550A1	TSS33142	chr7:30329409	0	0
MIR658	TSS31766	chr22:3824027	0	0
SNORD116-10	TSS32426	chr15:2531925	0	0
LOC10192783	TSS9533	chr5:16387542	0	0
OR9Q2	TSS14778	chr11:5795790	0	0
LINC01405	TSS11583	chr12:1113744	0	0
OR2J2	TSS20787	chr6:29141310	0	0
LOC10050647	TSS21476	chr20:5965411	0	0
ARHGEF38-IT	TSS9698	chr4:10648274	0	0
AADACL3	TSS1790	chr1:12776117	0	0
LINC01048	TSS18727	chr13:3805560	0	0
PRAMEF22	TSS10559	chr1:13035542	0	0
RIIAD1	TSS7697	chr1:15169401	0	0
LOC100133461	TSS11420	chr4:3675319	0	0
FABP9	TSS27807	chr8:82370617	0	0
AGTR1	TSS12243,TSS	chr3:14841565	0	0
LINC00207	TSS33910	chr22:4496521	0	0
KRTAP12-4	TSS6551	chr21:4607412	0	0
MKX-AS1	TSS11370	chr10:2803354	0	0
MYL7	TSS12494	chr7:44178462	0	0
LINC01377	TSS14553	chr5:3177948	0	0
RBMY1A3P	TSS29092	chrY:9154669	0	0
GKN2	TSS16079	chr2:69172363	0	0
GABRG3-AS1	TSS8431	chr15:2740288	0	0
LOC10192845	TSS29705	chr10:1411628	0	0
CRCT1	TSS11005	chr1:15248697	0	0
BRCAT107	TSS12685	chr5:44495245	0	0
MIR3529	TSS20934	chr15:8915507	0	0

MIR1268A	TSS21183	chr9:131114325	0	0
MIR762	TSS6145	chr16:30905225	0	0
SNORD58B	TSS1690	chr18:47018035	0	0
SNORD81	TSS3533	chr1:173833315	0	0
MIR6791	TSS23758	chr19:67367225	0	0
MIR6850	TSS11972	chr8:146017315	0	0
SNORD85	TSS2312	chr1:314410095	0	0
MIR6777	TSS10365	chr17:17716795	0	0
MIR611	TSS4488	chr11:61559965	0	0
SNORD68	TSS17254	chr16:89627835	0	0
SNORD43	TSS20731	chr22:39715055	0	0
MIR6798	TSS30111	chr19:49513165	0	0
MIR6842	TSS16184	chr8:272908865	0	0
MIR1973	TSS22466	chr4:117220885	0	0
MIR4750	TSS31646	chr19:50391435	0	0
SNORD45B	TSS21759	chr1:762551615	0	0
MIR4664	TSS28061	chr8:144815255	0	0
SNORD100	TSS32235	chr6:133137945	0	0
SNORD6	TSS29571	chr11:93464665	0	0
MIR328	TSS18103	chr16:67236225	0	0
MIR1226	TSS20347	chr3:478910445	0	0
MIR4690	TSS13054	chr11:65403785	0	0
SNORD31	TSS10516	chr11:62620795	0	0
MIR6749	TSS22146	chr11:64669855	0	0
MIR4468	TSS8065	chr7:137808505	0	0
SNORD66	TSS7934	chr3:184043485	0	0
SNORD87	TSS5264	chr8:678347085	0	0
MIR4752	TSS21388	chr19:54785965	0	0
MIR4730	TSS17775	chr17:78393215	0	0
SNORD117	TSS20558	chr6:315041505	0	0
MIR6731	TSS4834	chr1:252458355	0	0
MIR4786	TSS22705	chr2:240882435	0	0
MIR4677	TSS13351	chr1:243509475	0	0
MIR3153	TSS14230	chr9:919271395	0	0
MIR186	TSS21449	chr1:715333135	0	0
MIR103A2	TSS13505	chr20:38981405	0	0
MIR6069	TSS21518	chr22:35732715	0	0
MIR526A1	TSS4191	chr19:54209505	0	0
MIR4285	TSS19302	chr7:101936365	0	0
MIR29B2	TSS20019	chr1:207975785	0	0
MIR4691	TSS27907	chr11:67801365	0	0
MIR3188	TSS10785	chr19:18392885	0	0
SNORD105	TSS8056	chr19:10218325	0	0
MIR548H3	TSS30501	chr9:781185115	0	0
MIR5701-1	TSS11813	chr15:21145585	0	0
MIR181B2	TSS31555	chr9:127455985	0	0
MIR4783	TSS1529	chr2:128181115	0	0
MIR106B	TSS16295	chr7:996916155	0	0
MIRLET7D	TSS21513	chr9:969411155	0	0
MIR1299	TSS858	chr9:690022385	0	0
MIR34B	TSS22072	chr11:11138365	0	0
SNORD91A	TSS11204	chr17:22335725	0	0
MIRLET7I	TSS485	chr12:62997465	0	0
MIR1324	TSS14473	chr3:756799135	0	0
MIR4472-1	TSS23053	chr8:143257695	0	0

MIR1183	TSS14444	chr7:21510675-	0	0
MIR130A	TSS19478	chr11:57408670-	0	0
RPL13AP5	TSS26495	chr19:49990864-	8.05E-91	6.00E-56
MIR4258	TSS17302	chr1:154948168-	0	0
MIR628	TSS7109	chr15:55665137-	0	0
SNORD111B	TSS33665	chr16:70563407-	0	121.236
MIR568	TSS28740	chr3:114035327-	0	0
MIR623	TSS6367	chr13:10000838-	0	0
MIR3662	TSS33676	chr6:135300475-	0	0
MIR1178	TSS8247	chr12:12015144-	0	0
MIR6789	TSS20819	chr19:22358277-	0	0
MIR657	TSS17443	chr17:79099075-	0	0
MIR641	TSS7388	chr19:40788449-	0	0
MIR943	TSS29876	chr4:19881107-	0	0
MIR593	TSS18493	chr7:127721912-	0	0
SNORD126	TSS24860	chr14:20794599-	0	0
MIR339	TSS33195	chr7:10625687-	0	0
SNORD103B	TSS1847	chr1:31408535-	0	0
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MIR4741	TSS3402	chr18:20513317-	0	0
MIR342	TSS92	chr14:10057599-	0	0
MIR3942	TSS12855	chr15:35664456-	0	0
MIR3913-2	TSS29290	chr12:69978502-	0	31.417
MIR218-1	TSS32621	chr4:20529897-	0	0
SNORD116-16	TSS20572	chr15:25327910-	0	0
SNORD116-18	TSS29236	chr15:25330530-	0	0
MIR765	TSS14548	chr1:156905922-	0	0
SNORD116-15	TSS26953	chr15:25326432-	0	0
MIR766	TSS1866	chrX:118780700-	0	0
SNAR-D	TSS15018	chr19:50643458-	0	15.2159
MIR632	TSS9702	chr17:30677127-	0	0
MIR7-2	TSS5272	chr15:89155055-	0	0
MIR7-3	TSS9882	chr19:47706817-	0	0
LINC00159	TSS8289	chr21:33452790-	0	0
MIR1247	TSS14613	chr14:10202662-	0	0
MIR3909	TSS551	chr22:35731632-	0	0
SNORA70D	TSS6143	chr16:71732469-	0	0
MIR378J	TSS24991	chr17:35974975-	0	0
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SCARNA11	TSS29388	chr12:66906387-	0	0
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SNAR-H	TSS18569	chr2:78182032-	0	3.588
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MIR4440	TSS29009	chr2:239990512-	0	0
LINC01186	TSS28447	chrX:46185358-	0	0
LOC101929207	TSS17564	chr20:54885207-	0	0
LOC100505515	TSS12771	chr20:12930987-	0	0
PLA2G2E	TSS1301	chr1:20246799-	0	0
DEFA9P	TSS4873	chr8:68168107-	0	0
LINC01298	TSS943	chr8:96219234-	0	0
KRTAP12-3	TSS4883	chr21:46077848-	0	0
OR4X1	TSS28565	chr11:48285412-	0	0

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OR8K5	TSS15570	chr11:55926869	0	0
LINC00474	TSS11246	chr9:118650540	0	0
TMEM114	TSS25291	chr16:85875700	0	0.660914
LINC00350	TSS22785	chr13:20161250	0	0
KRTAP1-4	TSS28185	chr17:39185920	0	0
LOC100287592	TSS5127	chr5:50265050	0	0
OR8B4	TSS17346	chr11:12429380	0	0
PWAR4	TSS29959	chr15:25456830	0	0
OR3A4P	TSS18793	chr17:32135380	0	0
OR5L1	TSS22554	chr11:55578940	0	0
OR1L3	TSS8006	chr9:125437400	0	0
LINC00397	TSS33802	chr13:88453290	0	0
LINC01574	TSS6706	chr5:176170200	0	0
C11orf39	TSS8549	chr11:13153200	0	0
OR14C36	TSS30828	chr1:248512070	0	0
MIR381HG	TSS7983	chr14:10151140	0	0
LINC00364	TSS6852	chr13:67946510	0	0
OR4K15	TSS4032	chr14:20443670	0	0
C3orf84	TSS22619	chr3:492150680	0	0
OR2T6	TSS14581	chr1:248550900	0	0
KRTAP10-3	TSS11622	chr21:45977900	0	0
KRTAP15-1	TSS2053	chr21:31812640	0	0
LOC101928730	TSS17382	chr13:11291100	0	0
RNF113B	TSS22079	chr13:98828030	0	0
LINC01017	TSS386	chr5:34964850	0	0
OR52E6	TSS30180	chr11:58621850	0	0
MS4A13	TSS17013	chr11:60282880	0	0
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OR10J1	TSS25868	chr1:159409510	0	0
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LOC102724201	TSS12155	chr6:853991750	0	0
ATP2B2-IT2	TSS18202	chr3:10667700	0	0
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OR7C1	TSS7054	chr19:14909980	0	0
C10orf120	TSS7396	chr10:12445720	0	0
KCNK18	TSS28574	chr10:11895690	0	0
LOC101927411	TSS10509	chr19:32592990	0	0
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PPP2R2B-IT1	TSS27081	chr5:146293760	0	0
KRTAP19-4	TSS5445	chr21:31869170	0	0
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LINC01210	TSS31489	chr3:137490750	0	0
KCNAB1-AS1	TSS8781	chr3:156158940	0	0
LINC01101	TSS25219	chr2:121221910	0	0
LINCMD1	TSS16253	chr6:520116110	0	0
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LINC01047	TSS14913	chr13:89867100	0	0
OR51G1	TSS15539	chr11:49446030	0	0
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LINC01489	TSS23693	chr12:15154766-	0	0
SMIM9	TSS13436	chrX:15405162-	0	0
GPRIN2	TSS6776	chr10:4699354-	0	0
OR10G3	TSS26363	chr14:2203793-	0	0
LOC102467214	TSS11608	chr5:11196413-	0	0
OR10G9	TSS34103	chr11:1238937-	0	0
REG1P	TSS13283	chr2:79362628-	0	0
LOC100505878	TSS12154	chr5:86042634-	0	0
LINC00382	TSS6946	chr13:80446720-	0	0
LINGO1-AS2	TSS5221	chr15:7795239-	0	0
IGFL1	TSS14095	chr19:4673300-	0	0
LOC157273	TSS2815	chr8:9182560-	0	0
CCDC105	TSS30007	chr19:1512153-	0	0
OR13C9	TSS27367	chr9:10737952-	0	0
PRR23B	TSS21970	chr3:13873787-	0	0
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HOXD-AS2	TSS103	chr2:17699956-	0	0.246367
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PRAMEF22	TSS14115	chr1:13328832-	0	0
DEFB1	TSS24418	chr8:6728096-	0	0
FAM183A	TSS13048	chr1:43613593-	0	0
FGF19	TSS25341	chr11:6951300-	0	0
OR5P2	TSS19965	chr11:7817520-	0	0
IFNA14	TSS31792	chr9:21239200-	0	0
LINC00538	TSS25597	chr1:21409809-	0	0
OR4C45	TSS21738	chr11:4836689-	0	0
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OR6X1	TSS30154	chr11:1236242-	0	0
OR8J3	TSS14582	chr11:5590424-	0	0
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BMPR1B-AS1	TSS11327	chr4:95664818-	0	0
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CRYBA2	TSS556	chr2:21985491-	0	0
PRSS48	TSS6795	chr4:15219832-	0	0
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OR51M1	TSS23192	chr11:5410606-	0	0
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TAS2R8	TSS4340	chr12:1095864-	0	0
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OR6C75	TSS1483	chr12:5575889-	0	0
OR5D18	TSS22478	chr11:5558710-	0	0
OR1C1	TSS20971	chr1:24792076-	0	0
OR5B17	TSS21033	chr11:5812559-	0	0
SCGB1D4	TSS26759	chr11:6206375-	0	0
PRAC1	TSS28472	chr17:4679908-	0	0
PRR21	TSS31655	chr2:24098122-	0	0
AGBL4-IT1	TSS26927	chr1:49839872-	0	0
LOC101929172	TSS28405	chr8:21155749-	0	0
OR10R2	TSS17219	chr1:15844966-	0	0
LINC00705	TSS20078	chr10:4698347-	0	0
RGR	TSS703	chr10:8600480-	0	0

LOC102723362	TSS33686	chr2:22759350-	0.152418	0
LINC01548	TSS19993	chr21:34537775-	0	0
LOC101927139	TSS26121	chr1:66508182-	0	0
ARHGEF7-AS2	TSS3360	chr13:11176615-	0	0
FTHL17	TSS715	chrX:31089357-	0	0
C1orf195	TSS24272	chr1:15490691-	0	0
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TTY8	TSS31068	chrY:9528708-	0	0
LOC102606466	TSS24960	chr20:12915525-	0	0
TTY23B	TSS14528	chrY:6110486-	0	0
TTY23	TSS11037	chrY:9748406-	0	0
OR10G7	TSS16100	chr11:12390875-	0	0
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LOC101927348	TSS20732	chr16:14112730-	0	0
ARHGEF9-IT1	TSS9682	chrX:62890075-	0	0
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TMEM247	TSS8156	chr2:46706703-	0	0
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OR1M1	TSS27320	chr19:9203920-	0	0
OR5I1	TSS22926	chr11:55702935-	0	0
OR5AP2	TSS8388	chr11:56408964-	0	0
OR10A7	TSS27205	chr12:55614808-	0	0
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SPINK9	TSS9692	chr5:14771512-	0	0
LOC101927523	TSS33807	chr10:10623469-	0	0
MRGPRE	TSS13901	chr11:3249040-	0	0
CCDC182	TSS10837	chr17:55821845-	0	0
TEX33	TSS28795	chr22:37387159-	0	0
MUCL1	TSS9646	chr12:55248298-	0	0
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OR13C3	TSS9142	chr9:107298050-	0	0
LOC102723883	TSS28507	chr6:68765242-	0	0
S100A7L2	TSS3070	chr1:153409470-	0	0
LOC100131315	TSS26312	chr15:33010305-	0	0
C22orf42	TSS21648	chr22:32545518-	0	0
ANXA10	TSS18859	chr4:169013685-	0	0
OSBPL10-AS1	TSS4969	chr3:31745704-	0	0
LINC01264	TSS18495	chr10:43474464-	0	0
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LINC00929	TSS21301	chr15:26360959-	0	0
KRTAP2-4	TSS5802	chr17:39221365-	0	0
PHEX-AS1	TSS32141	chrX:22180848-	0	0
LOC101929073	TSS8837	chr10:26213306-	0	0
URAD	TSS10838	chr13:28552242-	0	0
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LINC00366	TSS28885	chr13:39141860-	0	0
BMP15	TSS33936	chrX:50653734-	0	0
CXorf66	TSS29943	chrX:13903788-	0	0
TTY8B	TSS13593	chrY:6339071-	0	0

OR4S2	TSS11577	chr11:55418379	0	0
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OR6C68	TSS22208	chr12:55886167	0	0
OR5J2	TSS9270	chr11:55944090	0	0
OR6C1	TSS18203	chr12:55714380	0	0
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OR10H4	TSS13018	chr19:16059810	0	0
DRGX	TSS4105	chr10:50574160	0	0
OR13C8	TSS6964	chr9:107331440	0	0
BPIFB6	TSS30688	chr20:31619450	0	0
LINC00572	TSS6682	chr13:30492780	0	0
OR6K2	TSS817	chr1:158669460	0	0
WFDC6	TSS12343	chr20:44162830	0	0
FAM99A	TSS25661	chr11:16868280	0	0
GPC6-AS1	TSS23829	chr13:94806440	0	0
MIR17	TSS23843	chr13:92002850	0	0
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CAPZA3	TSS30437	chr12:18891040	0	0
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LOC100507384	TSS17545	chr11:45743850	0	0
OR11H1	TSS21078	chr22:16448820	0	0
LOC101927350	TSS32187	chr9:76986446-	0	0
DAB1-AS1	TSS30293	chr1:58326214-	0	0
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LOC101929520	TSS33918	chr4:106736300	0	0
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LINC01333	TSS10839	chr5:73618310-	0	0
NAALADL2-AS1	TSS10186	chr3:175491360	0	0
IFNA16	TSS2580	chr9:21216371-	0	0
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LINC01349	TSS10747	chr1:101092600	0	0
CELA3A	TSS18862	chr1:22328148-	0	0
C17orf112	TSS20895	chr17:51062870	0	0
C2orf70	TSS33946	chr2:26785480-	0	0
BHLHE23	TSS11747	chr20:61637330	0	0
SULT1C3	TSS9418	chr2:108863650	0	0
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LOC101929310	TSS11174	chr8:24347824-	0	0
OR2W1	TSS18053	chr6:29011989-	0	0
LOC102723427	TSS30607	chr7:67485239-	0	0
C7orf62	TSS11824	chr7:88423419-	0	0
LINC00251	TSS11169	chr8:66073379-	0	0
LOC100505930	TSS30964	chr7:8301854-0	0	0
ZNF385D-AS1	TSS11553	chr3:21584280-	0	0
ZAR1	TSS29653	chr4:48492268-	0	0

GOT1L1	TSS29805	chr8:37791799-	0	0
LOC101060385	TSS12946	chr2:895901-90	0	0
LINC01255	TSS10366,TSS	chr18:11488560	0	0
TM4SF1-AS1	TSS32182	chr3:149095564	0	0
NTSR2	TSS24865	chr2:11798303-	0	0
CDX4	TSS6761	chrX:72667089-	0	0
LINC01040	TSS21371	chr13:90129860	0	0
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SOX3	TSS29250	chrX:13958515	0	0
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CFAP44-AS1	TSS1012	chr3:113122840	0	0
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SNORD80	TSS2850	chr1:173833970	0	0
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MIR7641-2	TSS21884	chrX:41152089-	0	0
MIR6849	TSS20061	chr8:145625670	0	0
MIR6812	TSS6264	chr20:44054140	0	0
MIR6817	TSS24716	chr22:25851610	0	0
MIR5588	TSS722	chr3:184970990	0	0
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MIR6814	TSS33834	chr21:43166930-	0	0
MIR6884	TSS20998	chr17:38182580	0	0
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OR2M5	TSS459	chr1:24830844	0	0
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ZNRF4	TSS22021	chr19:5455425	0	0
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TCF23	TSS14909	chr2:27371944	0	0
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OR4D10	TSS24015	chr11:5924490	0	0
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OR52N5	TSS23588	chr11:5798863	0	0
GDF2	TSS26682	chr10:4841309	0	0
OR8H1	TSS30774	chr11:5605760	0	0
LINC01546	TSS2109	chrX:3189860	0	0
WNT9B	TSS5246	chr17:4492896	0	0
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OR5V1	TSS18619	chr6:29323006	0	0
LINC01231	TSS15853	chr9:3181588	0	0
OR6P1	TSS30559	chr1:15853244	0	0
DSCR10	TSS33217	chr21:3957824	0	0
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LINC00254	TSS8262	chr16:1928285	0	0
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MAGEB5	TSS23551	chrX:26234285	0	0
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ECEL1P2	TSS32908	chr2:23325045	0	0
OR8B12	TSS13684	chr11:1244126	0	0
COL18A1-AS2	TSS13550	chr21:4682730	0	0
TMEM212-AS1	TSS12585	chr3:17159414	0	0
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TEX36-AS1	TSS30262	chr10:1272629	0	0
LOC728040	TSS7362	chr4:74374519	0	0

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SNCA-AS1	TSS14727	chr4:90757551	0	0
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OR13G1	TSS30145	chr1:24783541	0	0
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C7orf66	TSS15811	chr7:10852403	0	0
LCN9	TSS17531	chr9:13855516	0	0
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CSN3	TSS17818	chr4:71108332	0	0
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LINC00208	TSS26943	chr8:11434043	0	0
HTN3	TSS7556	chr4:70894129	0	0
MIMT1	TSS26318	chr19:5735226	0	0
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OR6C6	TSS30456	chr12:5568807	0	0
OR52E8	TSS31402	chr11:5877978	0	0
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OR51A2	TSS24240	chr11:4976001	0	0
LINC00226	TSS17937	chr14:1067442	0	0
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SLIT2-IT1	TSS20755	chr4:20393811	0	0
C11orf40	TSS16588	chr11:4592652	0	0
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KRTAP24-1	TSS21220	chr21:3165362	0	0
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LRRC37A	TSS23454	chr17_ctg5_hap	0	0
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OR2J2	TSS17179	chr6_apd_hap1:	0	0

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GNL1	TSS27509	chr6_apd_hap1:	0	0
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HCG22	TSS15	chr6_apd_hap1:	0	0
MICB	TSS17181,TSS	chr6_apd_hap1:	0	0
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VWA7	TSS24479	chr6_apd_hap1:	0	0
MSH5	TSS18642	chr6_apd_hap1:	0	0
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VAR5	TSS11218	chr6_apd_hap1:	0	0
LSM2	TSS2435	chr6_apd_hap1:	0	0
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HSPA1B	TSS16537	chr6_apd_hap1:	0	0
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NEU1	TSS30118	chr6_apd_hap1:	0	0
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EHMT2	TSS22556,TSS	chr6_apd_hap1:	0	0
PRRT1	TSS21826	chr6_apd_hap1:	0	0
C6orf48	TSS12412	chr6_apd_hap1:	0	0
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SNORD52	TSS61	chr6_apd_hap1:	0	0
RNF5	TSS19616	chr6_apd_hap1:	0	0
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AGER	TSS26789	chr6_apd_hap1:	0	0
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ZBED9	TSS18762	chr6_cox_hap2:	0	0
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OR14J1	TSS25247	chr6_cox_hap2:	0	0
OR12D3	TSS25243	chr6_cox_hap2:	0	0
OR12D2	TSS33438	chr6_cox_hap2:	0	0
OR5V1	TSS14978	chr6_cox_hap2:	0	0
OR11A1	TSS28913	chr6_cox_hap2:	0	0
OR10C1	TSS27114	chr6_cox_hap2:	0	0
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TRIM40	TSS12027,TSS	chr6_cox_hap2:	0	0
TRIM10	TSS14155	chr6_cox_hap2:	0	0
TRIM15	TSS14061	chr6_cox_hap2:	0	0
HLA-E	TSS30024	chr6_cox_hap2:	0	0
TRIM26	TSS9700	chr6_cox_hap2:	0	0
GNL1	TSS24483	chr6_cox_hap2:	0	0
PRR3	TSS6191	chr6_cox_hap2:	0	0
ABCF1	TSS26804	chr6_cox_hap2:	0	0
MIR877	TSS128	chr6_cox_hap2:	0	0
PPP1R10	TSS5766	chr6_cox_hap2:	0	0
HCG17	TSS24588	chr6_cox_hap2:	0	0
HLA-L	TSS647	chr6_cox_hap2:	0	0
HCG18	TSS4441	chr6_cox_hap2:	0	0
TRIM39	TSS28971,TSS	chr6_cox_hap2:	0	0
TRIM39-RPP2	TSS1402	chr6_cox_hap2:	0	0
RPP21	TSS15124	chr6_cox_hap2:	0	0
MRPS18B	TSS7784	chr6_cox_hap2:	0	0
ATAT1	TSS15911,TSS	chr6_cox_hap2:	0	0
PPP1R18	TSS22795,TSS	chr6_cox_hap2:	0	0

C6orf136	TSS32711	chr6_cox_hap2:1	0	0
DHX16	TSS25844	chr6_cox_hap2:1	0	0
NRM	TSS15916,TSS	chr6_cox_hap2:1	0	0
MDC1	TSS28883	chr6_cox_hap2:1	0	0
TUBB	TSS30846,TSS	chr6_cox_hap2:1	0	0
FLOT1	TSS2481	chr6_cox_hap2:1	0	0
IER3	TSS1519	chr6_cox_hap2:1	0	0
LINC00243	TSS3356	chr6_cox_hap2:1	0	0
GTF2H4	TSS3528	chr6_cox_hap2:1	0	0
SFTA2	TSS29814	chr6_cox_hap2:1	0	0
VAR52	TSS18031,TSS	chr6_cox_hap2:1	0	0
DDR1	TSS16452,TSS	chr6_cox_hap2:1	0	0
MIR4640	TSS25043	chr6_cox_hap2:1	0	0
DPCR1	TSS28964	chr6_cox_hap2:1	0	0
HCG22	TSS11171	chr6_cox_hap2:1	0	0
MUC22	TSS17203	chr6_cox_hap2:1	0	0
MUC21	TSS19710	chr6_cox_hap2:1	0	0
C6orf15	TSS21403	chr6_cox_hap2:1	0	0
TCF19	TSS11524	chr6_cox_hap2:1	0	0
CCHCR1	TSS21646,TSS	chr6_cox_hap2:1	0	0
PSORS1C1	TSS30838	chr6_cox_hap2:1	0	0
CDSN	TSS17880	chr6_cox_hap2:1	0	0
PSORS1C2	TSS10934	chr6_cox_hap2:1	0	0
PSORS1C3	TSS5410	chr6_cox_hap2:1	0	0
HCG27	TSS12022	chr6_cox_hap2:1	0	0
POU5F1	TSS6840,TSS6	chr6_cox_hap2:1	0	0
HLA-C	TSS6034	chr6_cox_hap2:1	0	0
MICA	TSS24904,TSS	chr6_cox_hap2:1	0	0
HLA-B	TSS8604	chr6_cox_hap2:1	0	0
MIR6891	TSS27888	chr6_cox_hap2:1	0	0
HCP5	TSS1194	chr6_cox_hap2:1	0	0
HCG26	TSS4122	chr6_cox_hap2:1	0	0
MICB	TSS17066,TSS	chr6_cox_hap2:1	0	0
NFKBIL1	TSS1932,TSS8	chr6_cox_hap2:1	0	0
LTA	TSS10040,TSS	chr6_cox_hap2:1	0	0
TNF	TSS12188	chr6_cox_hap2:1	0	0
MCCD1	TSS12549	chr6_cox_hap2:1	0	0
DDX39B	TSS5444	chr6_cox_hap2:1	0	0
ATP6V1G2-DC	TSS33959	chr6_cox_hap2:1	0	0
ATP6V1G2	TSS33959	chr6_cox_hap2:1	0	0
SNORD117	TSS21607	chr6_cox_hap2:1	0	0
SNORD84	TSS11322	chr6_cox_hap2:1	0	0
LTB	TSS23919	chr6_cox_hap2:1	0	0
LST1	TSS11632,TSS	chr6_cox_hap2:1	0	0
NCR3	TSS34085	chr6_cox_hap2:1	0	0
AIF1	TSS12324,TSS	chr6_cox_hap2:1	0	0
PRRC2A	TSS21197	chr6_cox_hap2:1	0	0
SNORA38	TSS26263	chr6_cox_hap2:1	0	0
MIR6832	TSS5926	chr6_cox_hap2:1	0	0
C6orf47	TSS33497	chr6_cox_hap2:1	0	0
BAG6	TSS14948,TSS	chr6_cox_hap2:1	0	0
APOM	TSS14563,TSS	chr6_cox_hap2:1	0	0
LY6G5B	TSS3756	chr6_cox_hap2:1	0	0
LY6G5C	TSS32910	chr6_cox_hap2:1	0	0
GPANK1	TSS21608,TSS	chr6_cox_hap2:1	0	0

CSNK2B	TSS9885	chr6_cox_hap2:	0	0
LY6G6F	TSS10340	chr6_cox_hap2:	0	0
ABHD16A	TSS29133,TSS	chr6_cox_hap2:	0	0
MIR4646	TSS13081	chr6_cox_hap2:	0	0
LY6G6E	TSS30005	chr6_cox_hap2:	0	0
LY6G6D	TSS11044	chr6_cox_hap2:	0	0
LY6G6C	TSS19985	chr6_cox_hap2:	0	0
DDAH2	TSS19264,TSS	chr6_cox_hap2:	0	0
CLIC1	TSS13005,TSS	chr6_cox_hap2:	0	0
C6orf25	TSS12593	chr6_cox_hap2:	0	0
VWA7	TSS33422	chr6_cox_hap2:	0	0
VAR5	TSS3988	chr6_cox_hap2:	0	0
LSM2	TSS4396	chr6_cox_hap2:	0	0
HSPA1L	TSS19722	chr6_cox_hap2:	0	0
MSH5	TSS33876	chr6_cox_hap2:	0	0
MSH5-SAPCD	TSS33876	chr6_cox_hap2:	0	0
SAPCD1	TSS20583	chr6_cox_hap2:	0	0
SAPCD1-AS1	TSS20661	chr6_cox_hap2:	0	0
HSPA1A	TSS20954	chr6_cox_hap2:	0	0
HSPA1B	TSS19818	chr6_cox_hap2:	0	0
NEU1	TSS4749	chr6_cox_hap2:	0	0
SLC44A4	TSS16324,TSS	chr6_cox_hap2:	0	0
EHMT2	TSS12298,TSS	chr6_cox_hap2:	0	0
C6orf48	TSS435	chr6_cox_hap2:	0	0
SNORD48	TSS24972	chr6_cox_hap2:	0	0
SNORD52	TSS27995	chr6_cox_hap2:	0	0
CFB	TSS24959	chr6_cox_hap2:	0	0
C2	TSS10272,TSS	chr6_cox_hap2:	0	0
ZBTB12	TSS21549	chr6_cox_hap2:	0	0
C2-AS1	TSS7905	chr6_cox_hap2:	0	0
DXO	TSS26197	chr6_cox_hap2:	0	0
STK19	TSS22690,TSS	chr6_cox_hap2:	0	0
C4A	TSS5678	chr6_cox_hap2:	0	0
C4B	TSS5678	chr6_cox_hap2:	0	0
NELFE	TSS5268	chr6_cox_hap2:	0	0
SKIV2L	TSS25919	chr6_cox_hap2:	0	0
MIR1236	TSS23529	chr6_cox_hap2:	0	0
FKBPL	TSS25100	chr6_cox_hap2:	0	0
ATF6B	TSS23244	chr6_cox_hap2:	0	0
CYP21A2	TSS9087	chr6_cox_hap2:	0	0
CYP21A1P	TSS7760	chr6_cox_hap2:	0	0
TNXA	TSS20875	chr6_cox_hap2:	0	0
TNXB	TSS23734,TSS	chr6_cox_hap2:	0	0
PRRT1	TSS20700	chr6_cox_hap2:	0	0
AGER	TSS26414	chr6_cox_hap2:	0	0
RNF5	TSS27226	chr6_cox_hap2:	0	0
RNF5P1	TSS25348	chr6_cox_hap2:	0	0
MIR6833	TSS12612	chr6_cox_hap2:	0	0
PBX2	TSS13737	chr6_cox_hap2:	0	0
C6orf10	TSS7839	chr6_cox_hap2:	0	0
LOC100507547	TSS11902	chr6_cox_hap2:	0	0
AGPAT1	TSS11946,TSS	chr6_cox_hap2:	0	0
MIR6721	TSS20250	chr6_cox_hap2:	0	0
PPT2	TSS18821,TSS	chr6_cox_hap2:	0	0
PPT2-EGFL8	TSS4877	chr6_cox_hap2:	0	0

EGFL8	TSS1030	chr6_cox_hap2:	0	0
GPSM3	TSS10914,TSS	chr6_cox_hap2:	0	0
NOTCH4	TSS16516	chr6_cox_hap2:	0	0
HLA-DRA	TSS286	chr6_cox_hap2:	0	0
HCG23	TSS11266	chr6_cox_hap2:	0	0
BTNL2	TSS26946	chr6_cox_hap2:	0	0
HLA-DQB1	TSS9374	chr6_cox_hap2:	0	0
HLA-DRB1	TSS23886	chr6_cox_hap2:	0	0
HLA-DRB3	TSS12390	chr6_cox_hap2:	0	0
HLA-DRB6	TSS4342	chr6_cox_hap2:	0	0
HLA-DQA2	TSS10697	chr6_cox_hap2:	0	0
MIR3135B	TSS5438	chr6_cox_hap2:	0	0
HLA-DOB	TSS14191	chr6_cox_hap2:	0	0
HLA-DQB2	TSS3870	chr6_cox_hap2:	0	0
TAP2	TSS21418,TSS	chr6_cox_hap2:	0	0
PSMB9	TSS27663	chr6_cox_hap2:	0	0
HLA-DMB	TSS3952	chr6_cox_hap2:	0	0
LOC100294145	TSS5523	chr6_cox_hap2:	0	0
PSMB8	TSS19711,TSS	chr6_cox_hap2:	0	0
TAP1	TSS12928,TSS	chr6_cox_hap2:	0	0
PSMB8-AS1	TSS12573	chr6_cox_hap2:	0	0
HLA-DMA	TSS15597	chr6_cox_hap2:	0	0
BRD2	TSS13109,TSS	chr6_cox_hap2:	0	0
HLA-DOA	TSS22383	chr6_cox_hap2:	0	0
HLA-DPA1	TSS20367,TSS	chr6_cox_hap2:	0	0
HLA-DPB1	TSS9931	chr6_cox_hap2:	0	0
HLA-DPB2	TSS3983	chr6_cox_hap2:	0	0
COL11A2	TSS10018	chr6_cox_hap2:	0	0
HSD17B8	TSS24919	chr6_cox_hap2:	0	0
RXR8	TSS20513,TSS	chr6_cox_hap2:	0	0
SLC39A7	TSS15340	chr6_cox_hap2:	0	0
MIR219A1	TSS26754	chr6_cox_hap2:	0	0
RING1	TSS15258	chr6_cox_hap2:	0	0
RPS18	TSS17286	chr6_cox_hap2:	0	0
B3GALT4	TSS8873	chr6_cox_hap2:	0	0
HCG25	TSS4987	chr6_cox_hap2:	0	0
VPS52	TSS3803	chr6_cox_hap2:	0	0
RGL2	TSS4931	chr6_cox_hap2:	0	0
WDR46	TSS25891	chr6_cox_hap2:	0	0
MIR6873	TSS15713	chr6_cox_hap2:	0	0
PFDN6	TSS33420,TSS	chr6_cox_hap2:	0	0
MIR6834	TSS30704	chr6_cox_hap2:	0	0
TAPBP	TSS25335	chr6_cox_hap2:	0	0
ZBTB22	TSS29138,TSS	chr6_cox_hap2:	0	0
MIR1234	TSS29299	chr6_cox_hap2:	0	0
DAXX	TSS21629	chr6_cox_hap2:	0	0
LOC401242	TSS19023	chr6_dbb_hap3:	0	0
ZNF311	TSS27186	chr6_dbb_hap3:	0	0
OR2B3	TSS7278	chr6_dbb_hap3:	0	0
OR2J3	TSS31972	chr6_dbb_hap3:	0	0
LOC100129636	TSS31220	chr6_dbb_hap3:	0	0
OR2W1	TSS27063	chr6_dbb_hap3:	0	0
OR14J1	TSS15068	chr6_dbb_hap3:	0	0
OR2J2	TSS11714	chr6_dbb_hap3:	0	0
OR12D3	TSS22662	chr6_dbb_hap3:	0	0

OR12D2	TSS13994	chr6_dbb_hap3:	0	0
OR11A1	TSS23816	chr6_dbb_hap3:	0	0
MAS1L	TSS6181	chr6_dbb_hap3:	0	0
OR10C1	TSS20622	chr6_dbb_hap3:	0	0
OR2H1	TSS21733	chr6_dbb_hap3:	0	0
SNORD32B	TSS22417	chr6_dbb_hap3:	0	0
UBD	TSS3729	chr6_dbb_hap3:	0	0
LINC01015	TSS8281	chr6_dbb_hap3:	0	0
OR2H2	TSS11114	chr6_dbb_hap3:	0	0
GABBR1	TSS2738,TSS3	chr6_dbb_hap3:	0	0
ZFP57	TSS33935	chr6_dbb_hap3:	0	0
MOG	TSS16632	chr6_dbb_hap3:	0	0
IFITM4P	TSS22587	chr6_dbb_hap3:	0	0
HLA-F	TSS32825	chr6_dbb_hap3:	0	0
HLA-F-AS1	TSS373	chr6_dbb_hap3:	0	0
HLA-G	TSS24127	chr6_dbb_hap3:	0	0
HCG4	TSS10778	chr6_dbb_hap3:	0	0
LOC554223	TSS24936	chr6_dbb_hap3:	0	0
HCG4B	TSS16094	chr6_dbb_hap3:	0	0
HLA-H	TSS19891	chr6_dbb_hap3:	0	0
HCG9	TSS14212	chr6_dbb_hap3:	0	0
HLA-A	TSS14570	chr6_dbb_hap3:	0	0
ZNRD1	TSS29635	chr6_dbb_hap3:	0	0
PPP1R11	TSS10219	chr6_dbb_hap3:	0	0
RNF39	TSS20332,TSS	chr6_dbb_hap3:	0	0
ZNRD1-AS1	TSS3259	chr6_dbb_hap3:	0	0
HLA-J	TSS22105	chr6_dbb_hap3:	0	0
HCG8	TSS26792	chr6_dbb_hap3:	0	0
TRIM10	TSS21955	chr6_dbb_hap3:	0	0
TRIM40	TSS25027,TSS	chr6_dbb_hap3:	0	0
TRIM31	TSS7329	chr6_dbb_hap3:	0	0
TRIM31-AS1	TSS10273	chr6_dbb_hap3:	0	0
TRIM26	TSS13937	chr6_dbb_hap3:	0	0
TRIM15	TSS395	chr6_dbb_hap3:	0	0
HLA-E	TSS14975	chr6_dbb_hap3:	0	0
GNL1	TSS29782	chr6_dbb_hap3:	0	0
PRR3	TSS12926	chr6_dbb_hap3:	0	0
ABCF1	TSS32890	chr6_dbb_hap3:	0	0
MIR877	TSS2333	chr6_dbb_hap3:	0	0
PPP1R10	TSS14485	chr6_dbb_hap3:	0	0
HCG17	TSS5196	chr6_dbb_hap3:	0	0
HLA-L	TSS5015	chr6_dbb_hap3:	0	0
MIR6891	TSS3643	chr6_dbb_hap3:	0	0
HCG18	TSS72	chr6_dbb_hap3:	0	0
TRIM39	TSS34196,TSS	chr6_dbb_hap3:	0	0
TRIM39-RPP2	TSS507	chr6_dbb_hap3:	0	0
RPP21	TSS2667	chr6_dbb_hap3:	0	0
MRPS18B	TSS20781	chr6_dbb_hap3:	0	0
ATAT1	TSS16109,TSS	chr6_dbb_hap3:	0	0
C6orf136	TSS5097	chr6_dbb_hap3:	0	0
DHX16	TSS4571	chr6_dbb_hap3:	0	0
PPP1R18	TSS29289,TSS	chr6_dbb_hap3:	0	0
MDC1	TSS20524	chr6_dbb_hap3:	0	0
NRM	TSS14805,TSS	chr6_dbb_hap3:	0	0
FLOT1	TSS11205	chr6_dbb_hap3:	0	0



TUBB	TSS2480,TSS7	chr6_dbb_hap3:	0	0
IER3	TSS30714	chr6_dbb_hap3:	0	0
LINC00243	TSS18971	chr6_dbb_hap3:	0	0
GTF2H4	TSS32830	chr6_dbb_hap3:	0	0
VAR52	TSS12282,TSS	chr6_dbb_hap3:	0	0
SFTA2	TSS1709	chr6_dbb_hap3:	0	0
DDR1	TSS13959,TSS	chr6_dbb_hap3:	0	0
MIR4640	TSS11039	chr6_dbb_hap3:	0	0
DPCR1	TSS1216	chr6_dbb_hap3:	0	0
MUC21	TSS20363	chr6_dbb_hap3:	0	0
HCG22	TSS6381	chr6_dbb_hap3:	0	0
MUC22	TSS13314	chr6_dbb_hap3:	0	0
C6orf15	TSS20681	chr6_dbb_hap3:	0	0
CCHCR1	TSS26509,TSS	chr6_dbb_hap3:	0	0
TCF19	TSS15761	chr6_dbb_hap3:	0	0
PSORS1C1	TSS17808	chr6_dbb_hap3:	0	0
CDSN	TSS16332	chr6_dbb_hap3:	0	0
PSORS1C2	TSS25039	chr6_dbb_hap3:	0	0
PSORS1C3	TSS18120	chr6_dbb_hap3:	0	0
POU5F1	TSS15568,TSS	chr6_dbb_hap3:	0	0
HLA-C	TSS15875	chr6_dbb_hap3:	0	0
HCG27	TSS31992	chr6_dbb_hap3:	0	0
HCG26	TSS13713	chr6_dbb_hap3:	0	0
MICB	TSS12091,TSS	chr6_dbb_hap3:	0	0
NFKBIL1	TSS14057,TSS	chr6_dbb_hap3:	0	0
LTA	TSS10832,TSS	chr6_dbb_hap3:	0	0
TNF	TSS11942	chr6_dbb_hap3:	0	0
MCCD1	TSS12861	chr6_dbb_hap3:	0	0
DDX39B	TSS11915	chr6_dbb_hap3:	0	0
ATP6V1G2-DC	TSS28186	chr6_dbb_hap3:	0	0
ATP6V1G2	TSS28186	chr6_dbb_hap3:	0	0
SNORD117	TSS15726	chr6_dbb_hap3:	0	0
SNORD84	TSS10576	chr6_dbb_hap3:	0	0
LTB	TSS17265	chr6_dbb_hap3:	0	0
AIF1	TSS33517,TSS	chr6_dbb_hap3:	0	0
LST1	TSS23189,TSS	chr6_dbb_hap3:	0	0
NCR3	TSS8414	chr6_dbb_hap3:	0	0
C6orf47	TSS866	chr6_dbb_hap3:	0	0
PRRC2A	TSS15065	chr6_dbb_hap3:	0	0
SNORA38	TSS12714	chr6_dbb_hap3:	0	0
MIR6832	TSS10163	chr6_dbb_hap3:	0	0
BAG6	TSS19328,TSS	chr6_dbb_hap3:	0	0
APOM	TSS26379,TSS	chr6_dbb_hap3:	0	0
LY6G5B	TSS22624	chr6_dbb_hap3:	0	0
LY6G5C	TSS10401	chr6_dbb_hap3:	0	0
GPANK1	TSS26105,TSS	chr6_dbb_hap3:	0	0
CSNK2B	TSS10233	chr6_dbb_hap3:	0	0
LY6G6F	TSS31633	chr6_dbb_hap3:	0	0
ABHD16A	TSS19205,TSS	chr6_dbb_hap3:	0	0
MIR4646	TSS5241	chr6_dbb_hap3:	0	0
LY6G6D	TSS25562	chr6_dbb_hap3:	0	0
LY6G6E	TSS2734	chr6_dbb_hap3:	0	0
LY6G6C	TSS19888	chr6_dbb_hap3:	0	0
DDAH2	TSS19939,TSS	chr6_dbb_hap3:	0	0
C6orf25	TSS21378	chr6_dbb_hap3:	0	0

CLIC1	TSS30461,TSS	chr6_dbb_hap3:	0	0
VWA7	TSS9988	chr6_dbb_hap3:	0	0
LSM2	TSS2434	chr6_dbb_hap3:	0	0
VARS	TSS10206	chr6_dbb_hap3:	0	0
MSH5	TSS15202	chr6_dbb_hap3:	0	0
MSH5-SAPCD	TSS15202	chr6_dbb_hap3:	0	0
SAPCD1	TSS25873	chr6_dbb_hap3:	0	0
SAPCD1-AS1	TSS18692	chr6_dbb_hap3:	0	0
HSPA1L	TSS2136	chr6_dbb_hap3:	0	0
HSPA1B	TSS5352	chr6_dbb_hap3:	0	0
HSPA1A	TSS27295	chr6_dbb_hap3:	0	0
NEU1	TSS11484	chr6_dbb_hap3:	0	0
SLC44A4	TSS20834,TSS	chr6_dbb_hap3:	0	0
EHMT2	TSS20170,TSS	chr6_dbb_hap3:	0	0
C6orf48	TSS23393	chr6_dbb_hap3:	0	0
SNORD48	TSS30499	chr6_dbb_hap3:	0	0
SNORD52	TSS10235	chr6_dbb_hap3:	0	0
CFB	TSS27307	chr6_dbb_hap3:	0	0
C2	TSS10263,TSS	chr6_dbb_hap3:	0	0
ZBTB12	TSS23673	chr6_dbb_hap3:	0	0
C2-AS1	TSS22099	chr6_dbb_hap3:	0	0
NELFE	TSS3135	chr6_dbb_hap3:	0	0
SKIV2L	TSS1881	chr6_dbb_hap3:	0	0
MIR1236	TSS29390	chr6_dbb_hap3:	0	0
DXO	TSS24244	chr6_dbb_hap3:	0	0
STK19	TSS23201,TSS	chr6_dbb_hap3:	0	0
C4A	TSS20302	chr6_dbb_hap3:	0	0
C4B	TSS20302	chr6_dbb_hap3:	0	0
STK19	TSS3409	chr6_dbb_hap3:	0	0
C4B	TSS26559	chr6_dbb_hap3:	0	0
CYP21A2	TSS612	chr6_dbb_hap3:	0	0
CYP21A1P	TSS31730	chr6_dbb_hap3:	0	0
TNXA	TSS1788	chr6_dbb_hap3:	0	0
TNXB	TSS27277	chr6_dbb_hap3:	0	0
CYP21A2	TSS3062	chr6_dbb_hap3:	0	0
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ATF6B	TSS16473	chr6_dbb_hap3:	0	0
PRRT1	TSS7642	chr6_dbb_hap3:	0	0
FKBPL	TSS27060	chr6_dbb_hap3:	0	0
C6orf10	TSS24001	chr6_dbb_hap3:	0	0
LOC100507547	TSS23351	chr6_dbb_hap3:	0	0
PPT2	TSS4262,TSS7	chr6_dbb_hap3:	0	0
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HCG23	TSS24473	chr6_dbb_hap3:	0	0
BTNL2	TSS28147	chr6_dbb_hap3:	0	0
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MIR3135B	TSS8336	chr6_dbb_hap3:	0	0
HLA-DRA	TSS31742	chr6_dbb_hap3:	0	0
HLA-DOB	TSS19265	chr6_dbb_hap3:	0	0
HLA-DQB2	TSS6912	chr6_dbb_hap3:	0	0
TAP2	TSS26944,TSS	chr6_dbb_hap3:	0	0
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LOC100294145	TSS30102	chr6_dbb_hap3:	0	0
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TAP1	TSS25686,TSS	chr6_dbb_hap3:	0	0

PSMB8-AS1	TSS17557	chr6_dbb_hap3:	0	0
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HLA-DOA	TSS29862	chr6_dbb_hap3:	0	0
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COL11A2	TSS13951	chr6_dbb_hap3:	0	0
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RXRB	TSS23709,TSS	chr6_dbb_hap3:	0	0
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RING1	TSS33968	chr6_dbb_hap3:	0	0
RPS18	TSS22977	chr6_dbb_hap3:	0	0
HCG25	TSS33857	chr6_dbb_hap3:	0	0
VPS52	TSS28205	chr6_dbb_hap3:	0	0
B3GALT4	TSS8172	chr6_dbb_hap3:	0	0
WDR46	TSS8416	chr6_dbb_hap3:	0	0
MIR6873	TSS1986	chr6_dbb_hap3:	0	0
RGL2	TSS3327	chr6_dbb_hap3:	0	0
PFDN6	TSS23923,TSS	chr6_dbb_hap3:	0	0
MIR6834	TSS32731	chr6_dbb_hap3:	0	0
TAPBP	TSS17884	chr6_dbb_hap3:	0	0
ZBTB22	TSS6453,TSS8	chr6_dbb_hap3:	0	0
MIR1234	TSS25513	chr6_dbb_hap3:	0	0
LOC401242	TSS513	chr6_mann_hap	0	0
DAXX	TSS1226	chr6_dbb_hap3:	0	0
LINC01556	TSS34112	chr6_mann_hap	0	0
TRIM27	TSS17789	chr6_mann_hap	0	0
OR2B3	TSS21994	chr6_mann_hap	0	0
ZNF311	TSS22736	chr6_mann_hap	0	0
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OR2J3	TSS13179	chr6_mann_hap	0	0
OR2J2	TSS5190	chr6_mann_hap	0	0
OR5V1	TSS32687	chr6_mann_hap	0	0
OR14J1	TSS14635	chr6_mann_hap	0	0
OR12D3	TSS11838	chr6_mann_hap	0	0
OR12D2	TSS3212	chr6_mann_hap	0	0
OR10C1	TSS33430	chr6_mann_hap	0	0
OR11A1	TSS20884	chr6_mann_hap	0	0
MAS1L	TSS18517	chr6_mann_hap	0	0
OR2H1	TSS21395	chr6_mann_hap	0	0
LINC01015	TSS9355	chr6_mann_hap	0	0
SNORD32B	TSS1632	chr6_mann_hap	0	0
UBD	TSS31820	chr6_mann_hap	0	0
OR2H2	TSS24260	chr6_mann_hap	0	0
GABBR1	TSS18774,TSS	chr6_mann_hap	0	0
MOG	TSS34148	chr6_mann_hap	0	0
ZFP57	TSS29372	chr6_mann_hap	0	0
IFITM4P	TSS4316	chr6_mann_hap	0	0
HCG4	TSS22062	chr6_mann_hap	0	0
LOC554223	TSS13869	chr6_mann_hap	0	0
HLA-F	TSS253	chr6_mann_hap	0	0
HLA-F-AS1	TSS10721	chr6_mann_hap	0	0

HLA-G	TSS7174	chr6_mann_hap	0	0
HCG4B	TSS9137	chr6_mann_hap	0	0
HLA-H	TSS22165	chr6_mann_hap	0	0
HLA-A	TSS18552	chr6_mann_hap	0	0
HCG9	TSS15786	chr6_mann_hap	0	0
ZNRD1	TSS13777	chr6_mann_hap	0	0
PPP1R11	TSS30527	chr6_mann_hap	0	0
RNF39	TSS14066,TSS	chr6_mann_hap	0	0
ZNRD1-AS1	TSS30575	chr6_mann_hap	0	0
HLA-J	TSS9315	chr6_mann_hap	0	0
HCG8	TSS14166	chr6_mann_hap	0	0
TRIM31	TSS18194	chr6_mann_hap	0	0
TRIM31-AS1	TSS9899	chr6_mann_hap	0	0
TRIM40	TSS19170,TSS	chr6_mann_hap	0	0
TRIM10	TSS19999	chr6_mann_hap	0	0
TRIM15	TSS11432	chr6_mann_hap	0	0
HLA-E	TSS563	chr6_mann_hap	0	0
TRIM26	TSS19162	chr6_mann_hap	0	0
GNL1	TSS33966	chr6_mann_hap	0	0
PRR3	TSS146	chr6_mann_hap	0	0
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MIR877	TSS5082	chr6_mann_hap	0	0
PPP1R10	TSS4315	chr6_mann_hap	0	0
MRPS18B	TSS25066	chr6_mann_hap	0	0
HCG17	TSS8086	chr6_mann_hap	0	0
HLA-L	TSS24982	chr6_mann_hap	0	0
HCG18	TSS17386	chr6_mann_hap	0	0
TRIM39	TSS2106,TSS2	chr6_mann_hap	0	0
TRIM39-RPP2	TSS14231	chr6_mann_hap	0	0
RPP21	TSS10878	chr6_mann_hap	0	0
ATAT1	TSS15305,TSS	chr6_mann_hap	0	0
C6orf136	TSS9531	chr6_mann_hap	0	0
DHX16	TSS29634	chr6_mann_hap	0	0
PPP1R18	TSS15544,TSS	chr6_mann_hap	0	0
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NRM	TSS1638,TSS2	chr6_mann_hap	0	0
FLOT1	TSS33720	chr6_mann_hap	0	0
TUBB	TSS28488,TSS	chr6_mann_hap	0	0
IER3	TSS21459	chr6_mann_hap	0	0
LINC00243	TSS12587	chr6_mann_hap	0	0
GTF2H4	TSS27013	chr6_mann_hap	0	0
VAR2	TSS17102,TSS	chr6_mann_hap	0	0
SFTA2	TSS11722	chr6_mann_hap	0	0
DDR1	TSS15016,TSS	chr6_mann_hap	0	0
MIR4640	TSS27658	chr6_mann_hap	0	0
HCG22	TSS22490	chr6_mann_hap	0	0
MUC22	TSS28265	chr6_mann_hap	0	0
MUC21	TSS22734	chr6_mann_hap	0	0
C6orf15	TSS25278	chr6_mann_hap	0	0
TCF19	TSS18072	chr6_mann_hap	0	0
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CDSN	TSS28069	chr6_mann_hap	0	0
PSORS1C2	TSS9665	chr6_mann_hap	0	0
PSORS1C3	TSS19870	chr6_mann_hap	0	0

POU5F1	TSS14391,TSS	chr6_mann_hap	0	0
NFKBIL1	TSS156,TSS28	chr6_mann_hap	0	0
LTA	TSS11089,TSS	chr6_mann_hap	0	0
MICB	TSS23099,TSS	chr6_mann_hap	0	0
MICA	TSS11329,TSS	chr6_mann_hap	0	0
HLA-C	TSS16174	chr6_mann_hap	0	0
MIR6891	TSS14564	chr6_mann_hap	0	0
HLA-B	TSS25122	chr6_mann_hap	0	0
MIR6891	TSS27233	chr6_mann_hap	0	0
MCCD1	TSS8161	chr6_mann_hap	0	0
DDX39B	TSS26441	chr6_mann_hap	0	0
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ATP6V1G2	TSS20179	chr6_mann_hap	0	0
SNORD117	TSS24864	chr6_mann_hap	0	0
SNORD84	TSS14977	chr6_mann_hap	0	0
TNF	TSS27336	chr6_mann_hap	0	0
LTB	TSS12511	chr6_mann_hap	0	0
LST1	TSS13613,TSS	chr6_mann_hap	0	0
NCR3	TSS19124	chr6_mann_hap	0	0
PRRC2A	TSS7079	chr6_mann_hap	0	0
SNORA38	TSS16823	chr6_mann_hap	0	0
MIR6832	TSS20744	chr6_mann_hap	0	0
C6orf47	TSS4	chr6_mann_hap	0	0
BAG6	TSS1957,TSS8	chr6_mann_hap	0	0
APOM	TSS10774,TSS	chr6_mann_hap	0	0
LY6G5B	TSS21978	chr6_mann_hap	0	0
GPANK1	TSS18567,TSS	chr6_mann_hap	0	0
CSNK2B	TSS28258	chr6_mann_hap	0	0
LY6G5C	TSS15502	chr6_mann_hap	0	0
LY6G6F	TSS24224	chr6_mann_hap	0	0
LY6G6E	TSS12094	chr6_mann_hap	0	0
ABHD16A	TSS26631,TSS	chr6_mann_hap	0	0
MIR4646	TSS22616	chr6_mann_hap	0	0
LY6G6D	TSS21814	chr6_mann_hap	0	0
LY6G6C	TSS29037	chr6_mann_hap	0	0
DDAH2	TSS24407,TSS	chr6_mann_hap	0	0
CLIC1	TSS11366,TSS	chr6_mann_hap	0	0
C6orf25	TSS20960	chr6_mann_hap	0	0
NEU1	TSS4245	chr6_mann_hap	0	0
MSH5	TSS2723	chr6_mann_hap	0	0
CFB	TSS16433	chr6_mann_hap	0	0
C2	TSS7304,TSS7	chr6_mann_hap	0	0
C2-AS1	TSS2446	chr6_mann_hap	0	0
TNXB	TSS5153	chr6_mann_hap	0	0
PRRT1	TSS3667	chr6_mann_hap	0	0
AGER	TSS25266	chr6_mann_hap	0	0
RNF5	TSS11306	chr6_mann_hap	0	0
RNF5P1	TSS31599	chr6_mann_hap	0	0
MIR6833	TSS6214	chr6_mann_hap	0	0
PBX2	TSS16300	chr6_mann_hap	0	0
C6orf10	TSS10542	chr6_mann_hap	0	0
LOC100507547	TSS26173	chr6_mann_hap	0	0
AGPAT1	TSS16140,TSS	chr6_mann_hap	0	0
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PPT2	TSS31722,TSS	chr6_mann_hap	0	0

PPT2-EGFL8	TSS31722	chr6_mann_hap	0	0
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GPSP3	TSS21971,TSS	chr6_mann_hap	0	0
NOTCH4	TSS26298	chr6_mann_hap	0	0
HLA-DRA	TSS3383	chr6_mann_hap	0	0
HLA-DQA2	TSS6635	chr6_mann_hap	0	0
HCG23	TSS14567	chr6_mann_hap	0	0
BTNL2	TSS27662	chr6_mann_hap	0	0
MIR3135B	TSS34006	chr6_mann_hap	0	0
HLA-DQB2	TSS2698	chr6_mann_hap	0	0
TAP2	TSS31939,TSS	chr6_mann_hap	0	0
PSMB9	TSS20809	chr6_mann_hap	0	0
PSMB8	TSS11815,TSS	chr6_mann_hap	0	0
TAP1	TSS15308,TSS	chr6_mann_hap	0	0
PSMB8-AS1	TSS6611	chr6_mann_hap	0	0
HLA-DMB	TSS24585	chr6_mann_hap	0	0
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HLA-DMA	TSS27129	chr6_mann_hap	0	0
BRD2	TSS1365,TSS2	chr6_mann_hap	0	0
HLA-DOA	TSS12478	chr6_mann_hap	0	0
HLA-DPA1	TSS30027,TSS	chr6_mann_hap	0	0
HLA-DPB1	TSS26920	chr6_mann_hap	0	0
HLA-DPB2	TSS19929	chr6_mann_hap	0	0
COL11A2	TSS1624	chr6_mann_hap	0	0
HSD17B8	TSS21532	chr6_mann_hap	0	0
RXRB	TSS15115,TSS	chr6_mann_hap	0	0
SLC39A7	TSS33922	chr6_mann_hap	0	0
MIR219A1	TSS7086	chr6_mann_hap	0	0
RING1	TSS12496	chr6_mann_hap	0	0
HCG14	TSS22810	chr6_mcf_hap5:	0	0
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HCG25	TSS16149	chr6_mann_hap	0	0
VPS52	TSS14093	chr6_mann_hap	0	0
TRIM27	TSS33036	chr6_mcf_hap5:	0	0
LINC01556	TSS11070	chr6_mcf_hap5:	0	0
OR2B3	TSS6462	chr6_mcf_hap5:	0	0
OR2J3	TSS11500	chr6_mcf_hap5:	0	0
OR2J2	TSS25251	chr6_mcf_hap5:	0	0
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OR14J1	TSS5254	chr6_mcf_hap5:	0	0
OR5V1	TSS24451	chr6_mcf_hap5:	0	0
OR12D2	TSS23419	chr6_mcf_hap5:	0	0
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OR2H1	TSS3685	chr6_mcf_hap5:	0	0
UBD	TSS15431	chr6_mcf_hap5:	0	0
MAS1L	TSS18571	chr6_mcf_hap5:	0	0
LINC01015	TSS4934	chr6_mcf_hap5:	0	0
SNORD32B	TSS21262	chr6_mcf_hap5:	0	0
OR2H2	TSS29334	chr6_mcf_hap5:	0	0
ZFP57	TSS5359	chr6_mcf_hap5:	0	0
GABBR1	TSS19251,TSS	chr6_mcf_hap5:	0	0
MOG	TSS22073	chr6_mcf_hap5:	0	0

ZNRD1	TSS10248	chr6_mcf_hap5:	0	0
PPP1R11	TSS14247	chr6_mcf_hap5:	0	0
RNF39	TSS20702,TSS	chr6_mcf_hap5:	0	0
TRIM40	TSS18393,TSS	chr6_mcf_hap5:	0	0
TRIM31	TSS14263	chr6_mcf_hap5:	0	0
TRIM31-AS1	TSS33136	chr6_mcf_hap5:	0	0
TRIM15	TSS33963	chr6_mcf_hap5:	0	0
TRIM10	TSS34161	chr6_mcf_hap5:	0	0
HLA-E	TSS31966	chr6_mcf_hap5:	0	0
TRIM26	TSS24332	chr6_mcf_hap5:	0	0
HLA-F	TSS30035	chr6_mcf_hap5:	0	0
HLA-J	TSS32877	chr6_mcf_hap5:	0	0
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HCG4	TSS28803	chr6_mcf_hap5:	0	0
LOC554223	TSS58	chr6_mcf_hap5:	0	0
HLA-G	TSS27537	chr6_mcf_hap5:	0	0
HLA-A	TSS27688	chr6_mcf_hap5:	0	0
HLA-H	TSS25967	chr6_mcf_hap5:	0	0
HCG9	TSS30460	chr6_mcf_hap5:	0	0
ZNRD1-AS1	TSS33183	chr6_mcf_hap5:	0	0
HCG8	TSS8752	chr6_mcf_hap5:	0	0
GNL1	TSS23638	chr6_mcf_hap5:	0	0
PRR3	TSS23366	chr6_mcf_hap5:	0	0
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MIR877	TSS1035	chr6_mcf_hap5:	0	0
PPP1R10	TSS33550	chr6_mcf_hap5:	0	0
MRPS18B	TSS12892	chr6_mcf_hap5:	0	0
ATAT1	TSS1928,TSS1	chr6_mcf_hap5:	0	0
PPP1R18	TSS133,TSS86	chr6_mcf_hap5:	0	0
C6orf136	TSS4121	chr6_mcf_hap5:	0	0
DHX16	TSS29664	chr6_mcf_hap5:	0	0
NRM	TSS10628,TSS	chr6_mcf_hap5:	0	0
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GTF2H4	TSS20116	chr6_mcf_hap5:	0	0
DDR1	TSS1413,TSS1	chr6_mcf_hap5:	0	0
MIR4640	TSS27676	chr6_mcf_hap5:	0	0
VAR2	TSS10190,TSS	chr6_mcf_hap5:	0	0
SFTA2	TSS2998	chr6_mcf_hap5:	0	0
DPCR1	TSS8435	chr6_mcf_hap5:	0	0
MUC22	TSS1627	chr6_mcf_hap5:	0	0
MUC21	TSS28904	chr6_mcf_hap5:	0	0
HCG22	TSS29356	chr6_mcf_hap5:	0	0
C6orf15	TSS9427	chr6_mcf_hap5:	0	0
TCF19	TSS18941	chr6_mcf_hap5:	0	0
CCHCR1	TSS13324,TSS	chr6_mcf_hap5:	0	0
PSORS1C1	TSS30380	chr6_mcf_hap5:	0	0
CDSN	TSS11748	chr6_mcf_hap5:	0	0
PSORS1C2	TSS23131	chr6_mcf_hap5:	0	0
PSORS1C3	TSS32476	chr6_mcf_hap5:	0	0
POU5F1	TSS19141,TSS	chr6_mcf_hap5:	0	0
HLA-C	TSS32906	chr6_mcf_hap5:	0	0
HCG27	TSS2167	chr6_mcf_hap5:	0	0
HCP5	TSS29448	chr6_mcf_hap5:	0	0

HCG26	TSS32078	chr6_mcf_hap5:	0	0
HLA-B	TSS20286	chr6_mcf_hap5:	0	0
MIR6891	TSS4600	chr6_mcf_hap5:	0	0
MICB	TSS30572,TSS	chr6_mcf_hap5:	0	0
NFKBIL1	TSS19640,TSS	chr6_mcf_hap5:	0	0
LTA	TSS15461,TSS	chr6_mcf_hap5:	0	0
TNF	TSS33123	chr6_mcf_hap5:	0	0
MCCD1	TSS18075	chr6_mcf_hap5:	0	0
DDX39B	TSS22082	chr6_mcf_hap5:	0	0
ATP6V1G2-DC	TSS23379	chr6_mcf_hap5:	0	0
ATP6V1G2	TSS23379	chr6_mcf_hap5:	0	0
SNORD117	TSS12253	chr6_mcf_hap5:	0	0
SNORD84	TSS27459	chr6_mcf_hap5:	0	0
LTB	TSS23400	chr6_mcf_hap5:	0	0
AIF1	TSS13698,TSS	chr6_mcf_hap5:	0	0
LST1	TSS18500,TSS	chr6_mcf_hap5:	0	0
NCR3	TSS148	chr6_mcf_hap5:	0	0
C6orf47	TSS27328	chr6_mcf_hap5:	0	0
PRRC2A	TSS6910	chr6_mcf_hap5:	0	0
SNORA38	TSS31649	chr6_mcf_hap5:	0	0
MIR6832	TSS31184	chr6_mcf_hap5:	0	0
BAG6	TSS22610,TSS	chr6_mcf_hap5:	0	0
APOM	TSS29027,TSS	chr6_mcf_hap5:	0	0
LY6G5B	TSS14769	chr6_mcf_hap5:	0	0
GPANK1	TSS10117,TSS	chr6_mcf_hap5:	0	0
CSNK2B	TSS33833	chr6_mcf_hap5:	0	0
LY6G5C	TSS20946	chr6_mcf_hap5:	0	0
LY6G6F	TSS29536	chr6_mcf_hap5:	0	0
LY6G6E	TSS8905	chr6_mcf_hap5:	0	0
ABHD16A	TSS32625,TSS	chr6_mcf_hap5:	0	0
MIR4646	TSS15017	chr6_mcf_hap5:	0	0
LY6G6C	TSS6223	chr6_mcf_hap5:	0	0
LY6G6D	TSS23487	chr6_mcf_hap5:	0	0
CLIC1	TSS17371,TSS	chr6_mcf_hap5:	0	0
DDAH2	TSS14793,TSS	chr6_mcf_hap5:	0	0
C6orf25	TSS19277	chr6_mcf_hap5:	0	0
VARS	TSS18197	chr6_mcf_hap5:	0	0
VWA7	TSS27452	chr6_mcf_hap5:	0	0
LSM2	TSS8726	chr6_mcf_hap5:	0	0
MSH5	TSS25487	chr6_mcf_hap5:	0	0
MSH5-SAPCD	TSS25487	chr6_mcf_hap5:	0	0
SAPCD1	TSS19950	chr6_mcf_hap5:	0	0
SAPCD1-AS1	TSS20767	chr6_mcf_hap5:	0	0
NEU1	TSS30890	chr6_mcf_hap5:	0	0
SLC44A4	TSS10619,TSS	chr6_mcf_hap5:	0	0
CFB	TSS794	chr6_mcf_hap5:	0	0
EHMT2	TSS2187,TSS9	chr6_mcf_hap5:	0	0
C2	TSS11587,TSS	chr6_mcf_hap5:	0	0
ZBTB12	TSS12812	chr6_mcf_hap5:	0	0
C2-AS1	TSS15219	chr6_mcf_hap5:	0	0
NELFE	TSS2018	chr6_mcf_hap5:	0	0
SKIV2L	TSS3550	chr6_mcf_hap5:	0	0
MIR1236	TSS24268	chr6_mcf_hap5:	0	0
DXO	TSS3797	chr6_mcf_hap5:	0	0
STK19	TSS31968,TSS	chr6_mcf_hap5:	0	0



STK19	TSS6004	chr6_mcf_hap5:	0	0
C4A	TSS10952	chr6_mcf_hap5:	0	0
C4B	TSS10952	chr6_mcf_hap5:	0	0
CYP21A1P	TSS10604	chr6_mcf_hap5:	0	0
CYP21A2	TSS10604	chr6_mcf_hap5:	0	0
TNXA	TSS10293	chr6_mcf_hap5:	0	0
TNXB	TSS28842	chr6_mcf_hap5:	0	0
FKBPL	TSS31757	chr6_mcf_hap5:	0	0
ATF6B	TSS13088	chr6_mcf_hap5:	0	0
CYP21A2	TSS1467	chr6_mcf_hap5:	0	0
CYP21A1P	TSS23175	chr6_mcf_hap5:	0	0
TNXB	TSS14780,TSS	chr6_mcf_hap5:	0	0
PRRT1	TSS26528	chr6_mcf_hap5:	0	0
AGER	TSS15181	chr6_mcf_hap5:	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
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ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
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ebv-miR-BAR1-		chrEBV(Akata_	0	0
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ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
ebv-miR-BAR1-		chrEBV(Akata_	0	0
Cp_Promoter_1 -		chrEBV(Akata_	0	0
Repeat_unit_rar -		chrEBV(Akata_	0	0

EBNA_1_Bindin	-	chrEBV(Akata_	0	0
Repeat_unit_rar	-	chrEBV(Akata_	0	0
Repeat_family_t	-	chrEBV(Akata_	0	0
ebv-miR-BHRF	-	chrEBV(Akata_	0	0
ebv-miR-BHRF	-	chrEBV(Akata_	0	0
ebv-miR-BHRF	-	chrEBV(Akata_	0	0
ebv-miR-BHRF	-	chrEBV(Akata_	0	0
RNF5	TSS5879	chr6_mcf_hap5:	0	0
RNF5P1	TSS15438	chr6_mcf_hap5:	0	0
MIR6833	TSS17579	chr6_mcf_hap5:	0	0
PBX2	TSS19827	chr6_mcf_hap5:	0	0
LOC100507547	TSS21988	chr6_mcf_hap5:	0	0
AGPAT1	TSS13801,TSS	chr6_mcf_hap5:	0	0
MIR6721	TSS25272	chr6_mcf_hap5:	0	0
PPT2	TSS18198,TSS	chr6_mcf_hap5:	0	0
PPT2-EGFL8	TSS27636	chr6_mcf_hap5:	0	0
EGFL8	TSS2857	chr6_mcf_hap5:	0	0
C6orf10	TSS13317	chr6_mcf_hap5:	0	0
GPSM3	TSS23491,TSS	chr6_mcf_hap5:	0	0
NOTCH4	TSS2108	chr6_mcf_hap5:	0	0
HCG23	TSS22242	chr6_mcf_hap5:	0	0
BTNL2	TSS25975	chr6_mcf_hap5:	0	0
HLA-DRA	TSS18071	chr6_mcf_hap5:	0	0
HLA-DRB4	TSS24198	chr6_mcf_hap5:	0	0
MIR3135B	TSS25787	chr6_mcf_hap5:	0	0
HLA-DQA2	TSS22014	chr6_mcf_hap5:	0	0
HLA-DQB2	TSS2100	chr6_mcf_hap5:	0	0
HLA-DOB	TSS32971	chr6_mcf_hap5:	0	0
TAP2	TSS14848,TSS	chr6_mcf_hap5:	0	0
PSMB9	TSS28285	chr6_mcf_hap5:	0	0
LOC100294145	TSS16952	chr6_mcf_hap5:	0	0
PSMB8	TSS33794,TSS	chr6_mcf_hap5:	0	0
TAP1	TSS16459,TSS	chr6_mcf_hap5:	0	0
PSMB8-AS1	TSS17441	chr6_mcf_hap5:	0	0
HLA-DMB	TSS7653	chr6_mcf_hap5:	0	0
HLA-DMA	TSS24232	chr6_mcf_hap5:	0	0
HLA-DOA	TSS11043	chr6_mcf_hap5:	0	0
HLA-DPB2	TSS21211	chr6_mcf_hap5:	0	0
BRD2	TSS14949,TSS	chr6_mcf_hap5:	0	0
HLA-DPA1	TSS13692,TSS	chr6_mcf_hap5:	0	0
HLA-DPB1	TSS12823	chr6_mcf_hap5:	0	0
COL11A2	TSS32851	chr6_mcf_hap5:	0	0
MIR219A1	TSS29060	chr6_mcf_hap5:	0	0
HSD17B8	TSS18725	chr6_mcf_hap5:	0	0
RXR8	TSS11336,TSS	chr6_mcf_hap5:	0	0
SLC39A7	TSS17465	chr6_mcf_hap5:	0	0
RING1	TSS31012	chr6_mcf_hap5:	0	0
RPS18	TSS18903	chr6_mcf_hap5:	0	0
HCG25	TSS13459	chr6_mcf_hap5:	0	0
VPS52	TSS29977	chr6_mcf_hap5:	0	0
B3GALT4	TSS16170	chr6_mcf_hap5:	0	0
WDR46	TSS30040	chr6_mcf_hap5:	0	0
MIR6873	TSS3826	chr6_mcf_hap5:	0	0
RGL2	TSS1222	chr6_mcf_hap5:	0	0
PFDN6	TSS2703,TSS2	chr6_mcf_hap5:	0	0

MIR6834	TSS27048	chr6_mcf_hap5:	0	0
TAPBP	TSS963	chr6_mcf_hap5:	0	0
DAXX	TSS29784	chr6_mcf_hap5:	0	0
ZBTB22	TSS22593,TSS	chr6_mcf_hap5:	0	0
MIR1234	TSS26443	chr6_mcf_hap5:	0	0
LOC401242	TSS6163	chr6_qbl_hap6:1	0	0
HCG14	TSS32881	chr6_qbl_hap6:1	0	0
LINC01556	TSS18084	chr6_qbl_hap6:2	0	0
TRIM27	TSS32461	chr6_qbl_hap6:1	0	0
ZNF311	TSS22463	chr6_qbl_hap6:2	0	0
LOC100129636	TSS28014	chr6_qbl_hap6:3	0	0
OR2W1	TSS26210	chr6_qbl_hap6:3	0	0
OR2B3	TSS32740	chr6_qbl_hap6:3	0	0
OR2J3	TSS22272	chr6_qbl_hap6:3	0	0
OR2J2	TSS1941	chr6_qbl_hap6:4	0	0
OR10C1	TSS27490	chr6_qbl_hap6:7	0	0
MAS1L	TSS20611	chr6_qbl_hap6:7	0	0
OR2H1	TSS30381	chr6_qbl_hap6:7	0	0
OR11A1	TSS28501	chr6_qbl_hap6:6	0	0
SNORD32B	TSS31432	chr6_qbl_hap6:8	0	0
UBD	TSS33346	chr6_qbl_hap6:8	0	0
OR2H2	TSS5287	chr6_qbl_hap6:8	0	0
LINC01015	TSS24309	chr6_qbl_hap6:8	0	0
ZFP57	TSS19169	chr6_qbl_hap6:9	0	0
GABBR1	TSS15543,TSS	chr6_qbl_hap6:8	0	0
MOG	TSS1029	chr6_qbl_hap6:9	0	0
IFITM4P	TSS28209	chr6_qbl_hap6:1	0	0
HLA-F	TSS29555	chr6_qbl_hap6:9	0	0
HLA-F-AS1	TSS10579	chr6_qbl_hap6:9	0	0
HLA-G	TSS12281	chr6_qbl_hap6:1	0	0
HLA-H	TSS22842	chr6_qbl_hap6:1	0	0
HCG4	TSS6617	chr6_qbl_hap6:1	0	0
LOC554223	TSS5426	chr6_qbl_hap6:1	0	0
HCG4B	TSS8811	chr6_qbl_hap6:1	0	0
HLA-A	TSS1482	chr6_qbl_hap6:1	0	0
HCG9	TSS32172	chr6_qbl_hap6:1	0	0
ZNRD1	TSS7779	chr6_qbl_hap6:1	0	0
PPP1R11	TSS4080	chr6_qbl_hap6:1	0	0
RNF39	TSS33525,TSS	chr6_qbl_hap6:1	0	0
TRIM31	TSS1049	chr6_qbl_hap6:1	0	0
TRIM31-AS1	TSS9012	chr6_qbl_hap6:1	0	0
ZNRD1-AS1	TSS17769	chr6_qbl_hap6:1	0	0
HLA-J	TSS27195	chr6_qbl_hap6:1	0	0
HCG8	TSS33964	chr6_qbl_hap6:1	0	0
TRIM15	TSS1724	chr6_qbl_hap6:1	0	0
TRIM40	TSS13587,TSS	chr6_qbl_hap6:1	0	0
TRIM10	TSS23910	chr6_qbl_hap6:1	0	0
TRIM26	TSS7097	chr6_qbl_hap6:1	0	0
HLA-E	TSS25758	chr6_qbl_hap6:1	0	0
GNL1	TSS21316	chr6_qbl_hap6:1	0	0
PRR3	TSS30265	chr6_qbl_hap6:1	0	0
PPP1R10	TSS291	chr6_qbl_hap6:1	0	0
ABCF1	TSS18940	chr6_qbl_hap6:1	0	0
MIR877	TSS29427	chr6_qbl_hap6:1	0	0
MRPS18B	TSS23358	chr6_qbl_hap6:1	0	0

HCG17	TSS17354	chr6_qbl_hap6:1	0	0
HLA-L	TSS22711	chr6_qbl_hap6:1	0	0
HCG18	TSS13708	chr6_qbl_hap6:1	0	0
TRIM39	TSS14040,TSS	chr6_qbl_hap6:1	0	0
TRIM39-RPP2	TSS4748	chr6_qbl_hap6:1	0	0
RPP21	TSS32563	chr6_qbl_hap6:1	0	0
ATAT1	TSS25559,TSS	chr6_qbl_hap6:1	0	0
PPP1R18	TSS26992,TSS	chr6_qbl_hap6:1	0	0
C6orf136	TSS5397	chr6_qbl_hap6:1	0	0
DHX16	TSS23533	chr6_qbl_hap6:1	0	0
MDC1	TSS31619	chr6_qbl_hap6:1	0	0
FLOT1	TSS30791	chr6_qbl_hap6:1	0	0
TUBB	TSS14833,TSS	chr6_qbl_hap6:1	0	0
NRM	TSS10635,TSS	chr6_qbl_hap6:1	0	0
IER3	TSS11729	chr6_qbl_hap6:2	0	0
LINC00243	TSS15583	chr6_qbl_hap6:2	0	0
GTF2H4	TSS23887	chr6_qbl_hap6:2	0	0
VAR2	TSS14361,TSS	chr6_qbl_hap6:2	0	0
DPCR1	TSS23250	chr6_qbl_hap6:2	0	0
SFTA2	TSS27880	chr6_qbl_hap6:2	0	0
DDR1	TSS10329,TSS	chr6_qbl_hap6:2	0	0
MIR4640	TSS33093	chr6_qbl_hap6:2	0	0
HCG22	TSS16856	chr6_qbl_hap6:2	0	0
MUC22	TSS19068	chr6_qbl_hap6:2	0	0
MUC21	TSS20433	chr6_qbl_hap6:2	0	0
C6orf15	TSS5978	chr6_qbl_hap6:2	0	0
TCF19	TSS21368	chr6_qbl_hap6:2	0	0
CCHCR1	TSS21918,TSS	chr6_qbl_hap6:2	0	0
POU5F1	TSS33464,TSS	chr6_qbl_hap6:2	0	0
PSORS1C1	TSS2061	chr6_qbl_hap6:2	0	0
CDSN	TSS7622	chr6_qbl_hap6:2	0	0
PSORS1C2	TSS21234	chr6_qbl_hap6:2	0	0
PSORS1C3	TSS1786	chr6_qbl_hap6:2	0	0
NFKBIL1	TSS24321,TSS	chr6_qbl_hap6:2	0	0
LTA	TSS20032,TSS	chr6_qbl_hap6:2	0	0
TNF	TSS33888	chr6_qbl_hap6:2	0	0
LTB	TSS17988	chr6_qbl_hap6:2	0	0
AIF1	TSS13278,TSS	chr6_qbl_hap6:2	0	0
MCCD1	TSS19035	chr6_qbl_hap6:2	0	0
DDX39B	TSS3564	chr6_qbl_hap6:2	0	0
ATP6V1G2-DC	TSS29780	chr6_qbl_hap6:2	0	0
ATP6V1G2	TSS29780	chr6_qbl_hap6:2	0	0
SNORD117	TSS1486	chr6_qbl_hap6:2	0	0
SNORD84	TSS29866	chr6_qbl_hap6:2	0	0
LST1	TSS28494,TSS	chr6_qbl_hap6:2	0	0
NCR3	TSS23633	chr6_qbl_hap6:2	0	0
HCG27	TSS20644	chr6_qbl_hap6:2	0	0
MICB	TSS20967,TSS	chr6_qbl_hap6:2	0	0
HLA-C	TSS33432	chr6_qbl_hap6:2	0	0
HLA-B	TSS21113	chr6_qbl_hap6:2	0	0
MIR6891	TSS15565	chr6_qbl_hap6:2	0	0
MICA	TSS1299,TSS1	chr6_qbl_hap6:2	0	0
HCG26	TSS3483	chr6_qbl_hap6:2	0	0
C6orf47	TSS29455	chr6_qbl_hap6:2	0	0
BAG6	TSS16451,TSS	chr6_qbl_hap6:2	0	0

APOM	TSS24194,TSS	chr6_qbl_hap6:2	0	0
PRRC2A	TSS4462	chr6_qbl_hap6:2	0	0
SNORA38	TSS9394	chr6_qbl_hap6:2	0	0
MIR6832	TSS28306	chr6_qbl_hap6:2	0	0
LY6G5B	TSS14997	chr6_qbl_hap6:2	0	0
LY6G5C	TSS6121	chr6_qbl_hap6:2	0	0
LY6G6F	TSS20607	chr6_qbl_hap6:2	0	0
GPANK1	TSS14599,TSS	chr6_qbl_hap6:2	0	0
CSNK2B	TSS4019	chr6_qbl_hap6:2	0	0
LY6G6D	TSS18208	chr6_qbl_hap6:2	0	0
LY6G6E	TSS15268	chr6_qbl_hap6:2	0	0
ABHD16A	TSS24497,TSS	chr6_qbl_hap6:2	0	0
MIR4646	TSS23993	chr6_qbl_hap6:2	0	0
LY6G6C	TSS3891	chr6_qbl_hap6:2	0	0
DDAH2	TSS27243,TSS	chr6_qbl_hap6:2	0	0
C6orf25	TSS30946	chr6_qbl_hap6:2	0	0
CLIC1	TSS17136,TSS	chr6_qbl_hap6:2	0	0
MSH5	TSS6822	chr6_qbl_hap6:3	0	0
MSH5-SAPCD	TSS6822	chr6_qbl_hap6:3	0	0
VARS	TSS5622	chr6_qbl_hap6:3	0	0
LSM2	TSS9492	chr6_qbl_hap6:3	0	0
HSPA1A	TSS20167	chr6_qbl_hap6:3	0	0
HSPA1L	TSS26069	chr6_qbl_hap6:3	0	0
HSPA1B	TSS21834	chr6_qbl_hap6:3	0	0
NEU1	TSS7323	chr6_qbl_hap6:3	0	0
SLC44A4	TSS15978,TSS	chr6_qbl_hap6:3	0	0
EHMT2	TSS29771,TSS	chr6_qbl_hap6:3	0	0
C6orf48	TSS465	chr6_qbl_hap6:3	0	0
SNORD48	TSS29476	chr6_qbl_hap6:3	0	0
SNORD52	TSS8206	chr6_qbl_hap6:3	0	0
CFB	TSS32794	chr6_qbl_hap6:3	0	0
C2	TSS15208,TSS	chr6_qbl_hap6:3	0	0
ZBTB12	TSS17911	chr6_qbl_hap6:3	0	0
C2-AS1	TSS19765	chr6_qbl_hap6:3	0	0
NELFE	TSS5979	chr6_qbl_hap6:3	0	0
SKIV2L	TSS25362	chr6_qbl_hap6:3	0	0
MIR1236	TSS8405	chr6_qbl_hap6:3	0	0
C4A	TSS32618	chr6_qbl_hap6:3	0	0
C4B_2	TSS32618	chr6_qbl_hap6:3	0	0
DXO	TSS9398	chr6_qbl_hap6:3	0	0
STK19	TSS15122,TSS	chr6_qbl_hap6:3	0	0
PRRT1	TSS2285	chr6_qbl_hap6:3	0	0
CYP21A2	TSS22012	chr6_qbl_hap6:3	0	0
CYP21A1P	TSS14767	chr6_qbl_hap6:3	0	0
TNXA	TSS18676	chr6_qbl_hap6:3	0	0
TNXB	TSS27301,TSS	chr6_qbl_hap6:3	0	0
RNF5	TSS7368	chr6_qbl_hap6:3	0	0
RNF5P1	TSS22944	chr6_qbl_hap6:3	0	0
MIR6833	TSS2174	chr6_qbl_hap6:3	0	0
AGER	TSS16801	chr6_qbl_hap6:3	0	0
PBX2	TSS9202	chr6_qbl_hap6:3	0	0
C6orf10	TSS21563	chr6_qbl_hap6:3	0	0
LOC100507547	TSS8143	chr6_qbl_hap6:3	0	0
AGPAT1	TSS29642,TSS	chr6_qbl_hap6:3	0	0
MIR6721	TSS8038	chr6_qbl_hap6:3	0	0

PPT2	TSS15172,TSS	chr6_qbl_hap6:3	0	0
PPT2-EGFL8	TSS15172	chr6_qbl_hap6:3	0	0
EGFL8	TSS30696	chr6_qbl_hap6:3	0	0
GPSPM3	TSS16221,TSS	chr6_qbl_hap6:3	0	0
NOTCH4	TSS3522	chr6_qbl_hap6:3	0	0
HLA-DQB1	TSS25781	chr6_qbl_hap6:3	0	0
HLA-DRB1	TSS24726	chr6_qbl_hap6:3	0	0
HLA-DRA	TSS14969	chr6_qbl_hap6:3	0	0
HCG23	TSS8050	chr6_qbl_hap6:3	0	0
BTNL2	TSS7454	chr6_qbl_hap6:3	0	0
HLA-DQA2	TSS9233	chr6_qbl_hap6:3	0	0
MIR3135B	TSS32305	chr6_qbl_hap6:3	0	0
HLA-DQB2	TSS19311	chr6_qbl_hap6:3	0	0
TAP2	TSS2373,TSS7	chr6_qbl_hap6:4	0	0
PSMB9	TSS10113	chr6_qbl_hap6:4	0	0
HLA-DMB	TSS18509	chr6_qbl_hap6:4	0	0
LOC100294145	TSS16853	chr6_qbl_hap6:4	0	0
HLA-DMA	TSS13176	chr6_qbl_hap6:4	0	0
PSMB8	TSS18550,TSS	chr6_qbl_hap6:4	0	0
TAP1	TSS31874,TSS	chr6_qbl_hap6:4	0	0
PSMB8-AS1	TSS33693	chr6_qbl_hap6:4	0	0
HLA-DOA	TSS15479	chr6_qbl_hap6:4	0	0
HLA-DPB2	TSS27502	chr6_qbl_hap6:4	0	0
BRD2	TSS16634,TSS	chr6_qbl_hap6:4	0	0
HLA-DPA1	TSS24643,TSS	chr6_qbl_hap6:4	0	0
HLA-DPB1	TSS4222	chr6_qbl_hap6:4	0	0
COL11A2	TSS20063	chr6_qbl_hap6:4	0	0
MIR219A1	TSS7794	chr6_qbl_hap6:4	0	0
RXRB	TSS625,TSS70	chr6_qbl_hap6:4	0	0
SLC39A7	TSS9210	chr6_qbl_hap6:4	0	0
HSD17B8	TSS4634	chr6_qbl_hap6:4	0	0
RING1	TSS20955	chr6_qbl_hap6:4	0	0
HCG25	TSS22109	chr6_qbl_hap6:4	0	0
VPS52	TSS6408	chr6_qbl_hap6:4	0	0
B3GALT4	TSS28244	chr6_qbl_hap6:4	0	0
RPS18	TSS3972	chr6_qbl_hap6:4	0	0
WDR46	TSS14538	chr6_qbl_hap6:4	0	0
MIR6873	TSS33976	chr6_qbl_hap6:4	0	0
RGL2	TSS7619	chr6_qbl_hap6:4	0	0
TAPBP	TSS10898	chr6_qbl_hap6:4	0	0
PFDN6	TSS26692,TSS	chr6_qbl_hap6:4	0	0
MIR6834	TSS14820	chr6_qbl_hap6:4	0	0
KIFC1	TSS32609	chr6_qbl_hap6:4	0	0
DAXX	TSS28358	chr6_qbl_hap6:4	0	0
ZBTB22	TSS3250,TSS3	chr6_qbl_hap6:4	0	0
MIR1234	TSS27859	chr6_qbl_hap6:4	0	0
HCG14	TSS4938	chr6_ssto_hap7	0	0
LOC401242	TSS19964	chr6_ssto_hap7	0	0
TRIM27	TSS22532	chr6_ssto_hap7	0	0
LINC01556	TSS9181	chr6_ssto_hap7	0	0
ZNF311	TSS11240	chr6_ssto_hap7	0	0
OR2B3	TSS30336	chr6_ssto_hap7	0	0
OR2J3	TSS5670	chr6_ssto_hap7	0	0
LOC100129636	TSS15254	chr6_ssto_hap7	0	0
OR2W1	TSS20639	chr6_ssto_hap7	0	0

OR2J2	TSS32079	chr6_ssto_hap7	0	0
OR14J1	TSS17955	chr6_ssto_hap7	0	0
OR5V1	TSS12958	chr6_ssto_hap7	0	0
OR12D2	TSS3638	chr6_ssto_hap7	0	0
OR11A1	TSS5761	chr6_ssto_hap7	0	0
OR12D3	TSS28232	chr6_ssto_hap7	0	0
OR10C1	TSS33882	chr6_ssto_hap7	0	0
OR2H1	TSS10109	chr6_ssto_hap7	0	0
MAS1L	TSS21660	chr6_ssto_hap7	0	0
LINC01015	TSS10997	chr6_ssto_hap7	0	0
MOG	TSS28988	chr6_ssto_hap7	0	0
ZFP57	TSS9126	chr6_ssto_hap7	0	0
HLA-F	TSS22365	chr6_ssto_hap7	0	0
HLA-F-AS1	TSS26351	chr6_ssto_hap7	0	0
IFITM4P	TSS28940	chr6_ssto_hap7	0	0
HCG4	TSS19239	chr6_ssto_hap7	0	0
LOC554223	TSS14431	chr6_ssto_hap7	0	0
HLA-G	TSS27512	chr6_ssto_hap7	0	0
HLA-H	TSS6977	chr6_ssto_hap7	0	0
HCG4B	TSS20709	chr6_ssto_hap7	0	0
HLA-A	TSS14272	chr6_ssto_hap7	0	0
HCG9	TSS27471	chr6_ssto_hap7	0	0
ZNRD1	TSS17834	chr6_ssto_hap7	0	0
TRIM31	TSS18176	chr6_ssto_hap7	0	0
TRIM31-AS1	TSS10111	chr6_ssto_hap7	0	0
PPP1R11	TSS2603	chr6_ssto_hap7	0	0
RNF39	TSS15241,TSS	chr6_ssto_hap7	0	0
ZNRD1-AS1	TSS7763	chr6_ssto_hap7	0	0
HLA-J	TSS22702	chr6_ssto_hap7	0	0
HCG8	TSS12079	chr6_ssto_hap7	0	0
TRIM15	TSS6936	chr6_ssto_hap7	0	0
TRIM10	TSS33271	chr6_ssto_hap7	0	0
TRIM40	TSS21208,TSS	chr6_ssto_hap7	0	0
TRIM26	TSS33101	chr6_ssto_hap7	0	0
HLA-E	TSS28516	chr6_ssto_hap7	0	0
GNL1	TSS20209	chr6_ssto_hap7	0	0
PRR3	TSS19546	chr6_ssto_hap7	0	0
PPP1R10	TSS17117	chr6_ssto_hap7	0	0
ABCF1	TSS3375	chr6_ssto_hap7	0	0
MIR877	TSS33340	chr6_ssto_hap7	0	0
MRPS18B	TSS25705	chr6_ssto_hap7	0	0
HCG17	TSS9857	chr6_ssto_hap7	0	0
HLA-L	TSS11122	chr6_ssto_hap7	0	0
HCG18	TSS4329	chr6_ssto_hap7	0	0
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RPP21	TSS27036	chr6_ssto_hap7	0	0
PPP1R18	TSS30901	chr6_ssto_hap7	0	0
ATAT1	TSS21328,TSS	chr6_ssto_hap7	0	0
C6orf136	TSS29058	chr6_ssto_hap7	0	0
DHX16	TSS22168	chr6_ssto_hap7	0	0
IER3	TSS30372	chr6_ssto_hap7	0	0
MDC1	TSS27989	chr6_ssto_hap7	0	0
FLOT1	TSS17087	chr6_ssto_hap7	0	0
TUBB	TSS25110,TSS	chr6_ssto_hap7	0	0

MUC22	TSS33396	chr6_ssto_hap7	0	0
LINC00243	TSS5274	chr6_ssto_hap7	0	0
HCG22	TSS9824	chr6_ssto_hap7	0	0
PSORS1C3	TSS32708	chr6_ssto_hap7	0	0
TCF19	TSS20947	chr6_ssto_hap7	0	0
POU5F1	TSS34246,TSS	chr6_ssto_hap7	0	0
HCG27	TSS7498	chr6_ssto_hap7	0	0
HLA-C	TSS28865	chr6_ssto_hap7	0	0
MIR6891	TSS1231	chr6_ssto_hap7	0	0
HCP5	TSS189	chr6_ssto_hap7	0	0
MICA	TSS10196,TSS	chr6_ssto_hap7	0	0
HLA-B	TSS29040	chr6_ssto_hap7	0	0
MIR6891	TSS31850	chr6_ssto_hap7	0	0
HCG26	TSS21277	chr6_ssto_hap7	0	0
MICB	TSS15307,TSS	chr6_ssto_hap7	0	0
LTA	TSS22500,TSS	chr6_ssto_hap7	0	0
NFKBIL1	TSS22197,TSS	chr6_ssto_hap7	0	0
TNF	TSS23475	chr6_ssto_hap7	0	0
LTB	TSS32034	chr6_ssto_hap7	0	0
AIF1	TSS12473,TSS	chr6_ssto_hap7	0	0
LST1	TSS14503,TSS	chr6_ssto_hap7	0	0
NCR3	TSS7696	chr6_ssto_hap7	0	0
MCCD1	TSS3461	chr6_ssto_hap7	0	0
DDX39B	TSS19567	chr6_ssto_hap7	0	0
ATP6V1G2-DC	TSS31565	chr6_ssto_hap7	0	0
ATP6V1G2	TSS31565	chr6_ssto_hap7	0	0
SNORD117	TSS28698	chr6_ssto_hap7	0	0
SNORD84	TSS11923	chr6_ssto_hap7	0	0
C6orf47	TSS17295	chr6_ssto_hap7	0	0
BAG6	TSS17361,TSS	chr6_ssto_hap7	0	0
APOM	TSS22069,TSS	chr6_ssto_hap7	0	0
PRRC2A	TSS19077	chr6_ssto_hap7	0	0
SNORA38	TSS25232	chr6_ssto_hap7	0	0
MIR6832	TSS30873	chr6_ssto_hap7	0	0
LY6G5B	TSS23140	chr6_ssto_hap7	0	0
GPANK1	TSS10303,TSS	chr6_ssto_hap7	0	0
CSNK2B	TSS24292	chr6_ssto_hap7	0	0
LY6G5C	TSS22859	chr6_ssto_hap7	0	0
LY6G6F	TSS9232	chr6_ssto_hap7	0	0
LY6G6D	TSS20626	chr6_ssto_hap7	0	0
LY6G6C	TSS439	chr6_ssto_hap7	0	0
LY6G6E	TSS26823	chr6_ssto_hap7	0	0
ABHD16A	TSS11298,TSS	chr6_ssto_hap7	0	0
MIR4646	TSS14451	chr6_ssto_hap7	0	0
DDAH2	TSS19008,TSS	chr6_ssto_hap7	0	0
CLIC1	TSS24866,TSS	chr6_ssto_hap7	0	0
C6orf25	TSS31859	chr6_ssto_hap7	0	0
NEU1	TSS10786	chr6_ssto_hap7	0	0
VWA7	TSS32284	chr6_ssto_hap7	0	0
VAR5	TSS308	chr6_ssto_hap7	0	0
MSH5	TSS27681	chr6_ssto_hap7	0	0
MSH5-SAPCD	TSS27681	chr6_ssto_hap7	0	0
SAPCD1	TSS7795	chr6_ssto_hap7	0	0
SAPCD1-AS1	TSS14273	chr6_ssto_hap7	0	0
EHMT2	TSS5815	chr6_ssto_hap7	0	0



SLC44A4	TSS15545,TSS	chr6_ssto_hap7	0	0
C2	TSS11110,TSS	chr6_ssto_hap7	0	0
C2-AS1	TSS31347	chr6_ssto_hap7	0	0
CFB	TSS262	chr6_ssto_hap7	0	0
DXO	TSS11321	chr6_ssto_hap7	0	0
STK19	TSS3494,TSS7	chr6_ssto_hap7	0	0
NELFE	TSS19401	chr6_ssto_hap7	0	0
SKIV2L	TSS10889	chr6_ssto_hap7	0	0
MIR1236	TSS34180	chr6_ssto_hap7	0	0
C4A	TSS33516	chr6_ssto_hap7	0	0
C4B	TSS33516	chr6_ssto_hap7	0	0
PRRT1	TSS12193	chr6_ssto_hap7	0	0
AGER	TSS16422	chr6_ssto_hap7	0	0
RNF5	TSS6553	chr6_ssto_hap7	0	0
RNF5P1	TSS19681	chr6_ssto_hap7	0	0
MIR6833	TSS25111	chr6_ssto_hap7	0	0
CYP21A2	TSS12738,TSS	chr6_ssto_hap7	0	0
CYP21A1P	TSS9992	chr6_ssto_hap7	0	0
TNXA	TSS19571	chr6_ssto_hap7	0	0
TNXB	TSS12236,TSS	chr6_ssto_hap7	0	0
STK19	TSS2631	chr6_ssto_hap7	0	0
C4B	TSS17484	chr6_ssto_hap7	0	0
PBX2	TSS14152	chr6_ssto_hap7	0	0
C6orf10	TSS13910	chr6_ssto_hap7	0	0
LOC100507547	TSS27665	chr6_ssto_hap7	0	0
AGPAT1	TSS10266,TSS	chr6_ssto_hap7	0	0
MIR6721	TSS4100	chr6_ssto_hap7	0	0
PPT2	TSS19541,TSS	chr6_ssto_hap7	0	0
PPT2-EGFL8	TSS19541	chr6_ssto_hap7	0	0
EGFL8	TSS14804	chr6_ssto_hap7	0	0
GPSM3	TSS8547,TSS9	chr6_ssto_hap7	0	0
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HCG23	TSS8266	chr6_ssto_hap7	0	0
BTNL2	TSS15616	chr6_ssto_hap7	0	0
HLA-DRA	TSS206	chr6_ssto_hap7	0	0
HLA-DQA2	TSS22279	chr6_ssto_hap7	0	0
MIR3135B	TSS21055	chr6_ssto_hap7	0	0
HLA-DRB4	TSS10298	chr6_ssto_hap7	0	0
HLA-DRB1	TSS9425	chr6_ssto_hap7	0	0
HLA-DOB	TSS22397	chr6_ssto_hap7	0	0
HLA-DQB2	TSS16333	chr6_ssto_hap7	0	0
TAP2	TSS17326,TSS	chr6_ssto_hap7	0	0
PSMB9	TSS11233	chr6_ssto_hap7	0	0
HLA-DMB	TSS33262	chr6_ssto_hap7	0	0
LOC100294145	TSS25592	chr6_ssto_hap7	0	0
HLA-DMA	TSS17195	chr6_ssto_hap7	0	0
PSMB8	TSS13172,TSS	chr6_ssto_hap7	0	0
TAP1	TSS22864,TSS	chr6_ssto_hap7	0	0
PSMB8-AS1	TSS20288	chr6_ssto_hap7	0	0
BRD2	TSS14209,TSS	chr6_ssto_hap7	0	0
HLA-DOA	TSS12813	chr6_ssto_hap7	0	0
HLA-DPB2	TSS8220	chr6_ssto_hap7	0	0
HLA-DPA1	TSS29382,TSS	chr6_ssto_hap7	0	0
HLA-DPB1	TSS18488	chr6_ssto_hap7	0	0
COL11A2	TSS2605	chr6_ssto_hap7	0	0

HCG25	TSS7523	chr6_ssto_hap7	0	0
VPS52	TSS10368	chr6_ssto_hap7	0	0
RPS18	TSS7761	chr6_ssto_hap7	0	0
KIFC1	TSS18801	chr6_ssto_hap7	0	0
ZBTB9	TSS217	chr6_ssto_hap7	0	0
PHF1	TSS15741	chr6_ssto_hap7	0	0
CUTA	TSS28502	chr6_ssto_hap7	0	0
SYNGAP1	TSS21130	chr6_ssto_hap7	0	0
MIR5004	TSS4843	chr6_ssto_hap7	0	0
LOC389831	TSS22589	chr7_gl000195_1	0	0
MIR8069-1	TSS25950	chrUn_gl000213	0	0
FAM230C	TSS3288	chrUn_gl000212	0	0
FLJ43315	TSS7528	chrUn_gl000211	0	0
MIR3118-1	TSS25077	chrUn_gl000213	0	0
LOC100288966	TSS26918	chrUn_gl000213	0	0
MIR8069-1	TSS6630	chrUn_gl000215	0	0
LOC283788	TSS5118	chrUn_gl000219	0	0
LOC100233156	TSS14558	chrUn_gl000218	0	0
LOC389834	TSS28167	chrUn_gl000218	0	0
MIR6724-4	TSS2196	chrUn_gl000220	0	0
RNA5-8S5	TSS28541	chrUn_gl000220	0	0
MIR4273	TSS32801	chrUn_gl000222	0	0
LINC00960	TSS12773,TSS	chrUn_gl000222	0	0
FRG2C	TSS5617	chrUn_gl000222	0	0
FRG2EP	TSS2189	chrUn_gl000222	0	0
LOC100507412	TSS6801	chrUn_gl000220	0	0
MIR6724-1	TSS209	chrUn_gl000220	0	0
RNA45S5	TSS24031	chrUn_gl000220	0	0
RNA5-8S5	TSS26299	chrUn_gl000220	0	0
ZNF84	TSS26817,TSS	chrUn_gl000223	0	0
LOC101928597	TSS22358	chrUn_gl000223	0	0
ZNF26	TSS30680	chrUn_gl000223	0	0
LINC00266-3	TSS16217	chrUn_gl000227	0	0
DUX4	TSS15954	chrUn_gl000228	0	0
FRG2	TSS30753	chrUn_gl000228	0	0