

Gene ID	Chr	Start bp	End bp	Strand
KCNT2	1	196194909	196578355	-1
CFH	1	196621008	196716634	1
CFHR3	1	196743925	196763203	1
CFHR1	1	196788887	196801319	1
CFHR2	1	196788898	196928356	1
CFHR4	1	196819371	196888102	1
CFHR5	1	196946667	196978804	1
F13B	1	197008321	197036397	-1
ASPM	1	197053258	197115824	-1
ZBTB41	1	197122810	197169672	-1
CRB1	1	197170592	197447585	1
DENND1B	1	197473878	197744826	-1
IRS1	2	227596033	227664475	-1
RHBDD1	2	227700297	227863931	1
COL4A4	2	227867427	228028829	-1
COL4A3	2	228029281	228179508	1
MFF	2	228189867	228222550	1
TM4SF20	2	228226872	228246711	-1
AGFG1	2	228336868	228425930	1
C2orf83	2	228474806	228498036	-1
SLC19A3	2	228549926	228582728	-1
PRICKLE2	3	64079543	64431152	-1
ADAMTS9	3	64501333	64673676	-1
DCBLD2	3	98514785	98620533	-1
COL8A1	3	99357319	99518070	1
FILIP1L	3	99548985	99833357	-1
TBC1D23	3	99979844	100044095	1
NIT2	3	100053545	100075710	1
TOMM70A	3	100082275	100120242	-1
LNP1	3	100120037	100175163	1
TMEM45A	3	100211463	100296288	1
COL25A1	4	109731877	110223813	-1
SEC24B	4	110354928	110462052	1
CCDC109B	4	110481361	110609874	1
CASP6	4	110609785	110624739	-1
PLA2G12A	4	110631145	110651233	-1
CFI	4	110661852	110723335	-1
GAR1	4	110736666	110745893	1
RRH	4	110749150	110765760	1
LRIT3	4	110769358	110793471	1
EGF	4	110834040	110933422	1
ELOVL6	4	110967002	111120355	-1
RAI14	5	34656342	34832732	1
TTC23L	5	34838938	34899561	1
RAD1	5	34905369	34919094	-1
BRIX1	5	34915481	34926101	1
DNAJC21	5	34929698	34959069	1
AGXT2	5	34998206	35048198	-1
PRLR	5	35048861	35230794	-1

SPEF2	5	35617946	35814713	1
IL7R	5	35852797	35879705	1
CAPSL	5	35904397	35938881	-1
UGT3A1	5	35951112	36001130	-1
UGT3A2	5	36035119	36071460	-1
LMBRD2	5	36098514	36152063	-1
SKP2	5	36152091	36184421	1
RANBP3L	5	36248536	36302216	-1
OSMR	5	38845960	38945698	1
RICTOR	5	38938021	39074510	-1
FYB	5	39105338	39274630	-1
C9	5	39284364	39424970	-1
DAB2	5	39371780	39462402	-1
ZNF318	6	43274872	43337216	-1
ABCC10	6	43395104	43418168	1
DLK2	6	43418090	43424370	-1
TJAP1	6	43445261	43474294	1
LRRC73	6	43474707	43478424	-1
POLR1C	6	43477440	43497323	1
YIPF3	6	43479565	43484728	-1
XPO5	6	43490072	43543812	-1
POLH	6	43543887	43586701	1
GTPBP2	6	43573053	43596899	-1
MAD2L1BP	6	43597277	43608689	1
RSPH9	6	43612783	43640336	1
MRPS18A	6	43639040	43655528	-1
VEGFA	6	43737921	43754224	1
C6orf223	6	43968317	43973695	1
MRPL14	6	44081194	44095194	-1
TMEM63B	6	44094651	44123256	1
CAPN11	6	44126548	44152139	1
SLC29A1	6	44187242	44201888	1
HSP90AB1	6	44214824	44221620	1
SLC35B2	6	44221833	44225291	-1
NFKBIE	6	44225903	44233500	-1
TMEM151B	6	44238203	44275243	1
TCTE1	6	44246480	44265458	-1
AARS2	6	44267391	44281063	-1
SPATS1	6	44310397	44344904	1
CYP3A43	7	99425636	99463718	1
OR2AE1	7	99473610	99474680	-1
TRIM4	7	99474581	99517223	-1
GJC3	7	99520892	99527243	-1
AZGP1	7	99564343	99573780	-1
ZKSCAN1	7	99613204	99639312	1
ZSCAN21	7	99647390	99662661	1
ZNF3	7	99661656	99680171	-1
COPS6	7	99686577	99689823	1
MCM7	7	99690351	99699563	-1
AP4M1	7	99699172	99707968	1

TAF6	7	99704693	99717464	-1
CNPY4	7	99717236	99723134	1
MBLAC1	7	99724317	99726118	1
C7orf43	7	99752043	99756338	-1
GAL3ST4	7	99756867	99766373	-1
GPC2	7	99767229	99774995	-1
STAG3	7	99775186	99819111	1
GATS	7	99798276	99869837	-1
PVRIG	7	99815864	99819113	1
SPDYE3	7	99905325	99919819	1
PILRB	7	99933737	99965356	1
PILRA	7	99965153	99997719	1
ZCWPW1	7	99998449	100026615	-1
MEPCE	7	100026413	100031741	1
PPP1R35	7	100032905	100034188	-1
C7orf61	7	100054238	100061894	-1
TSC22D4	7	100060982	100076902	-1
NYAP1	7	100081550	100092422	1
AGFG2	7	100136834	100165842	1
LRCH4	7	100169855	100183776	-1
SAP25	7	100169855	100171270	-1
FBXO24	7	100181605	100198740	1
PCOLCE	7	100199800	100205798	1
MOSPD3	7	100209725	100213007	1
TFR2	7	100218039	100240402	-1
ACTL6B	7	100240720	100254084	-1
GNB2	7	100271154	100276797	1
GIGYF1	7	100277130	100287071	-1
POP7	7	100303676	100305118	1
EPO	7	100318423	100321323	1
ZAN	7	100331249	100395419	1
EPHB4	7	100400187	100425121	-1
SLC12A9	7	100424442	100464631	1
TRIP6	7	100464760	100471076	1
SRRT	7	100472733	100486285	1
UFSP1	7	100486346	100487339	-1
ACHE	7	100487615	100494594	-1
LHFPL3	7	103969104	104549001	1
SRPK2	7	104751151	105039755	-1
PUS7	7	105080108	105162714	-1
RINT1	7	105172532	105208124	1
ATXN7L1	7	105245514	105517050	-1
PEBP4	8	22570769	22857513	-1
RHOBTB2	8	22844930	22877712	1
TNFRSF10B	8	22877646	22926692	-1
TNFRSF10C	8	22941868	22974950	1
TNFRSF10D	8	22993101	23021543	-1
TNFRSF10A	8	23047965	23082639	-1
CHMP7	8	23101150	23119512	1
R3HCC1	8	23127633	23153792	1

LOXL2	8	23154702	23282841	-1
ENTPD4	8	23243296	23315208	-1
SLC25A37	8	23386318	23432976	1
NKX2-6	8	23559964	23564111	-1
SMC5	9	72873937	72969804	1
KLF9	9	72999503	73029540	-1
TRPM3	9	73143979	74061820	-1
RORB	9	77112281	77308093	1
GABBR2	9	101050391	101471479	-1
ANKS6	9	101493611	101559247	-1
GALNT12	9	101569981	101612363	1
COL15A1	9	101705461	101833069	1
TGFBR1	9	101866320	101916474	1
ALG2	9	101978708	101984238	-1
SEC61B	9	101984346	101992897	1
OR13F1	9	107266455	107267547	1
OR13C4	9	107288534	107289490	-1
OR13C3	9	107298030	107299137	-1
OR13C8	9	107331449	107332411	1
OR13C5	9	107360650	107361788	-1
OR13C2	9	107366924	107367951	-1
OR13C9	9	107379529	107380485	-1
OR13D1	9	107456660	107457766	1
NIPSNAP3A	9	107509969	107522403	1
NIPSNAP3B	9	107526438	107539738	1
ABCA1	9	107543283	107690518	-1
SLC44A1	9	108006903	108201452	1
KIAA1217	10	23983675	24836772	1
ARHGAP21	10	24872538	25012597	-1
PRTFDC1	10	25137536	25241533	-1
ENKUR	10	25270908	25305089	-1
THNSL1	10	25305587	25315593	1
GPR158	10	25463991	25891155	1
NSMCE4A	10	123716603	123734732	-1
TACC2	10	123748689	124014060	1
BTBD16	10	124030821	124097677	1
PLEKHA1	10	124134212	124191867	1
ARMS2	10	124214169	124216868	1
HTRA1	10	124221041	124274424	1
DMBT1	10	124320181	124403252	1
C10orf120	10	124457225	124459338	-1
CUZD1	10	124591665	124639146	-1
FAM24B	10	124608594	124639157	-1
FAM24A	10	124670217	124672627	1
C10orf88	10	124690419	124713919	-1
OR10A7	12	55614809	55615759	1
OR6C74	12	55640982	55642086	1
OR6C6	12	55688072	55689016	-1
OR6C1	12	55714346	55715408	1
OR6C3	12	55725485	55726420	1

OR6C75	12	55758895	55759833	1
OR6C65	12	55794214	55795289	1
OR6C76	12	55820038	55820976	1
OR6C2	12	55845998	55846936	1
OR6C70	12	55862984	55863922	-1
OR6C68	12	55886147	55887100	1
OR6C4	12	55944983	55946028	1
OR10P1	12	56030644	56031638	1
METTL7B	12	56075330	56078395	1
ITGA7	12	56078352	56109827	-1
BLOC1S1	12	56109820	56113871	1
RDH5	12	56114151	56118489	1
CD63	12	56119107	56123491	-1
GDF11	12	56137064	56150911	1
SARNP	12	56146247	56211540	-1
ORMDL2	12	56211703	56215663	1
DNAJC14	12	56214744	56224608	-1
MMP19	12	56229217	56236750	-1
WIBG	12	56295197	56326402	-1
DGKA	12	56321103	56347811	1
PMEL	12	56347889	56367101	-1
CDK2	12	56360553	56366568	1
RAB5B	12	56367697	56388490	1
SUOX	12	56390964	56400425	1
IKZF4	12	56401443	56432219	1
RPS26	12	56435637	56438116	1
ERBB3	12	56473641	56497289	1
PA2G4	12	56498103	56507691	1
ZC3H10	12	56511943	56516278	1
ESYT1	12	56512034	56538455	1
MYL6B	12	56546040	56553431	1
MYL6	12	56551945	56557280	1
SMARCC2	12	56556767	56583351	-1
RNF41	12	56598285	56615717	-1
NABP2	12	56615799	56623638	1
SLC39A5	12	56623833	56631630	1
ANKRD52	12	56631591	56652175	-1
COQ10A	12	56660642	56664750	1
CS	12	56665483	56694176	-1
CNPY2	12	56703626	56710120	-1
PAN2	12	56710007	56727837	-1
FAM216A	12	110906169	110928190	1
VPS29	12	110928902	110939922	-1
RAD9B	12	110939460	110969891	1
PPTC7	12	110969120	111021125	-1
TCTN1	12	111051832	111087235	1
HVCN1	12	111065646	111142755	-1
PPP1CC	12	111157485	111180744	-1
CCDC63	12	111284573	111345339	1
MYL2	12	111348623	111358526	-1

CUX2	12	111471828	111788358	1
FAM109A	12	111798455	111806925	-1
SH2B3	12	111843752	111889427	1
ATXN2	12	111890018	112037480	-1
BRAP	12	112079950	112123790	-1
ACAD10	12	112123857	112194903	1
ALDH2	12	112204691	112247782	1
MAPKAPK5	12	112279782	112334343	1
TMEM116	12	112369086	112450970	-1
ERP29	12	112451120	112461255	1
NAA25	12	112464500	112546826	-1
TRAFD1	12	112563305	112591407	1
HECTD4	12	112597992	112819896	-1
RPL6	12	112842994	112856642	-1
PTPN11	12	112856155	112947717	1
RPH3A	12	113008184	113336686	1
OAS1	12	113344582	113369990	1
OAS3	12	113376157	113411054	1
OAS2	12	113416200	113449528	1
DTX1	12	113494514	113535833	1
ALOX5AP	13	31309645	31338556	1
TEX26	13	31506840	31549639	1
HSPH1	13	31710762	31736525	-1
B3GALTL	13	31774073	31906413	1
RXFP2	13	32313674	32377009	1
ZFYVE26	14	68194091	68283307	-1
RAD51B	14	68286496	69196935	1
ZFP36L1	14	69254377	69263190	-1
ACTN1	14	69340860	69446157	-1
DCAF5	14	69517598	69619867	-1
ALDH1A2	15	58245622	58790065	-1
AQP9	15	58430368	58478110	1
LIPC	15	58702768	58861151	1
ADAM10	15	58887403	59042177	-1
FAM63B	15	59063391	59154099	1
SLTM	15	59171244	59225852	-1
OGFOD1	16	56485402	56513012	1
BBS2	16	56500748	56554195	-1
MT4	16	56598961	56602869	1
MT3	16	56622986	56625000	1
MT1E	16	56659387	56661024	1
MT1M	16	56666145	56667898	1
MT1B	16	56685811	56687116	1
MT1F	16	56691606	56694610	1
MT1G	16	56700643	56701977	-1
MT1H	16	56703726	56705041	1
MT1X	16	56716336	56718108	1
NUP93	16	56764017	56878797	1
SLC12A3	16	56899119	56949762	1
HERPUD1	16	56965960	56977798	1

CETP	16	56995762	57017757	1
NLRC5	16	57023397	57117443	1
CPNE2	16	57126449	57181878	1
FAM192A	16	57186378	57220028	-1
RSPRY1	16	57220049	57274387	1
ARL2BP	16	57279010	57287516	1
PLLP	16	57290004	57318599	-1
CCL22	16	57392684	57400102	1
CX3CL1	16	57406370	57418960	1
CCL17	16	57438679	57449974	1
CIAPIN1	16	57462081	57481440	-1
COQ9	16	57481337	57495187	1
POLR2C	16	57496299	57505922	1
DOK4	16	57505863	57521239	-1
MLKL	16	74705753	74734858	-1
FA2H	16	74746853	74808729	-1
WDR59	16	74907468	75034071	-1
ZNRF1	16	75032928	75144892	1
LDHD	16	75145758	75150669	-1
ZFP1	16	75182390	75206134	1
CTRB2	16	75237994	75241083	-1
CTRB1	16	75252898	75258822	1
BCAR1	16	75262928	75301951	-1
CFDP1	16	75327596	75467383	-1
TMEM170A	16	75476952	75499395	-1
CHST6	16	75510949	75529282	-1
CHST5	16	75562433	75569145	-1
TMEM231	16	75572015	75590184	-1
GABARAPL2	16	75600249	75611779	1
ADAT1	16	75630879	75657198	-1
KARS	16	75661622	75682541	-1
TERF2IP	16	75681684	75795770	1
NOS2	17	26083792	26127525	-1
NLK	17	26368763	26523407	1
TMEM97	17	26646121	26655707	1
IFT20	17	26655352	26662515	-1
TNFAIP1	17	26662628	26674035	1
TMEM199	17	26684604	26708716	1
VTN	17	26691290	26700110	-1
SEBOX	17	26691290	26692265	-1
SARM1	17	26691378	26728065	1
SLC46A1	17	26721661	26734215	-1
SLC13A2	17	26800311	26824799	1
FOXN1	17	26833261	26865914	1
UNC119	17	26873725	26879686	-1
PIGS	17	26880401	26898890	-1
ALDOC	17	26900133	26904282	-1
SPAG5	17	26904588	26926297	-1
SGK494	17	26934982	26941218	-1
KIAA0100	17	26941458	26972472	-1

SDF2	17	26975374	26989207	-1
SUPT6H	17	26989109	27029697	1
PROCA1	17	27030215	27038872	-1
RAB34	17	27041299	27045447	-1
RPL23A	17	27046411	27051377	1
TLCD1	17	27051366	27054953	-1
NEK8	17	27052915	27070473	1
TRAF4	17	27071002	27077974	1
FAM222B	17	27082996	27182250	-1
ERAL1	17	27181956	27188085	1
FLOT2	17	27206353	27224697	-1
DHRS13	17	27224799	27230089	-1
PHF12	17	27232268	27278789	-1
BAIAP2	17	79008948	79091232	1
AATK	17	79091095	79139877	-1
ENTHD2	17	79202077	79212891	-1
SLC38A10	17	79218800	79269347	-1
TMEM105	17	79285074	79304474	-1
BAHCC1	17	79369275	79440126	1
ACTG1	17	79476997	79490873	-1
FSCN2	17	79495422	79504156	1
C17orf70	17	79506911	79520987	-1
NPLOC4	17	79523913	79615495	-1
TSPAN10	17	79604197	79615779	1
PDE6G	17	79617489	79630142	-1
OXLD1	17	79632066	79633665	-1
CCDC137	17	79633394	79640934	1
ARL16	17	79648204	79650954	-1
HGS	17	79650356	79670168	1
MRPL12	17	79670387	79674556	1
SLC25A10	17	79670401	79687569	1
GCGR	17	79762008	79771889	1
FAM195B	17	79780287	79791178	-1
PPP1R27	17	79791368	79792926	-1
P4HB	17	79801035	79818570	-1
ARHGDI A	17	79825597	79829282	-1
ALYREF	17	79845713	79849462	-1
ANAPC11	17	79848666	79858867	1
NPB	17	79858621	79860781	1
PCYT2	17	79858841	79869340	-1
SIRT7	17	79869815	79879199	-1
MAFG	17	79876146	79885590	-1
PYCR1	17	79890260	79900288	-1
MYADML2	17	79897521	79905109	-1
NOTUM	17	79910388	79919716	-1
ASPSCR1	17	79934683	79975282	1
STRA13	17	79976578	79981983	-1
LRRRC45	17	79981178	79989027	1
RAC3	17	79989500	79992080	1
DCXR	17	79993012	79995608	-1



RFNG	17	80005778	80009707	-1
GPS1	17	80008567	80015346	1
DUS1L	17	80015382	80023763	-1
FASN	17	80036214	80056208	-1
CCDC57	17	80059336	80170706	-1
SLC16A3	17	80186273	80219005	1
CDC34	19	531714	542097	1
GZMM	19	544034	549919	1
BSG	19	571297	583493	1
HCN2	19	589893	617159	1
POLRMT	19	617223	633597	-1
FGF22	19	639879	643703	1
RNF126	19	647526	663277	-1
FSTL3	19	676392	683385	1
PRSS57	19	685521	695460	-1
PALM	19	708953	748329	1
PTBP1	19	797075	812327	1
AZU1	19	825097	832017	1
PRTN3	19	840963	848175	1
ELANE	19	851014	856242	1
CFD	19	859453	863453	1
MED16	19	867962	893218	-1
R3HDM4	19	896503	913240	-1
KISS1R	19	917287	921015	1
ARID3A	19	925781	975939	1
WDR18	19	983174	994569	1
GRIN3B	19	1000418	1009731	1
CNN2	19	1026298	1039068	1
ABCA7	19	1040102	1065571	1
HMHA1	19	1065922	1086627	1
POLR2E	19	1086594	1095598	-1
GPX4	19	1103936	1106787	1
SBNO2	19	1107636	1174282	-1
STK11	19	1189406	1228428	1
C19orf26	19	1228286	1238026	-1
ATP5D	19	1241749	1244824	1
MIDN	19	1248552	1259142	1
CIRBP	19	1259384	1274879	1
C19orf24	19	1275026	1279248	1
MUM1	19	1285890	1378430	1
EFNA2	19	1286153	1301430	1
NDUFS7	19	1383526	1395583	1
GAMT	19	1397091	1401569	-1
DAZAP1	19	1407568	1435719	1
RPS15	19	1438358	1440583	1
APC2	19	1446300	1473243	1
C19orf25	19	1461142	1479555	-1
PCSK4	19	1481427	1490751	-1
REEP6	19	1491165	1497926	1
ADAMTSL5	19	1505017	1513603	-1

PTPRS	19	5158506	5340814	-1
ZNRF4	19	5455426	5456867	1
SAFB2	19	5587010	5624057	-1
SAFB	19	5623046	5668489	1
C19orf70	19	5678432	5680907	-1
HSD11B1L	19	5680615	5688533	1
LONP1	19	5691845	5720583	-1
CATSPERD	19	5720688	5778745	1
PRR22	19	5782971	5784776	-1
DUS3L	19	5784843	5791249	-1
NRTN	19	5823813	5828335	1
FUT6	19	5830621	5839742	-1
FUT3	19	5842899	5851485	-1
FUT5	19	5865837	5903798	-1
NDUFA11	19	5891287	5904017	-1
VMAC	19	5904869	5910864	1
CAPS	19	5911718	5915888	1
RANBP3	19	5916150	5978153	-1
RFX2	19	5993175	6199583	-1
ACSBG2	19	6135258	6193112	1
MLLT1	19	6212966	6279959	-1
ACER1	19	6306153	6333640	-1
CLPP	19	6361463	6368919	1
ALKBH7	19	6372444	6375042	1
GTF2F1	19	6379580	6393992	-1
KHSRP	19	6413359	6424805	-1
SLC25A41	19	6426048	6433790	-1
SLC25A23	19	6436090	6465214	-1
CRB3	19	6463788	6467232	1
DENND1C	19	6467218	6482568	-1
TUBB4A	19	6494330	6502859	-1
TNFSF9	19	6531010	6535931	1
CD70	19	6583194	6604114	-1
TNFSF14	19	6663148	6670599	-1
C3	19	6677715	6730573	-1
GPR108	19	6729925	6737614	-1
TRIP10	19	6737936	6751537	1
SH2D3A	19	6752171	6767599	-1
VAV1	19	6772725	6857377	1
MBD3L5	19	7030589	7033022	1
MBD3L3	19	7056220	7058651	-1
ZNF557	19	7069455	7087979	1
INSR	19	7112266	7294045	-1
ZNF285	19	44886459	44905774	-1
ZNF229	19	44921685	44952766	-1
ZNF180	19	44979854	45004576	-1
CEACAM20	19	45005729	45033811	-1
PVR	19	45147098	45166850	1
CEACAM19	19	45165545	45187631	1
CEACAM16	19	45202421	45213986	1

BCL3	19	45250962	45263301	1
CBLC	19	45281126	45303891	1
BCAM	19	45312328	45324673	1
PVRL2	19	45349432	45392485	1
TOMM40	19	45393826	45406946	1
APOE	19	45409011	45412650	1
APOC1	19	45417504	45422606	1
APOC4	19	45445495	45452820	1
APOC2	19	45449243	45452822	1
CLPTM1	19	45457842	45496599	1
RELB	19	45504688	45541452	1
CLASRP	19	45542298	45574214	1
ZNF296	19	45574758	45579846	-1
GEMIN7	19	45582453	45594782	1
MARK4	19	45582546	45808541	1
NKPD1	19	45653008	45663408	-1
TRAPPC6A	19	45666186	45681495	-1
BLOC1S3	19	45682003	45685059	1
EXOC3L2	19	45715879	45737469	-1
CKM	19	45809672	45826235	-1
KLC3	19	45836692	45854778	1
ERCC2	19	45853095	45874176	-1
PPP1R13L	19	45882892	45909607	-1
CD3EAP	19	45909467	45914024	1
ERCC1	19	45910591	45982086	-1
FOSB	19	45971253	45978437	1
RTN2	19	45988547	46000319	-1
PPM1N	19	45992035	46005768	1
VASP	19	46009837	46030241	1
OPA3	19	46030685	46105470	-1
GPR4	19	46093022	46105466	-1
EML2	19	46110252	46148887	-1
GIPR	19	46171502	46186982	1
QPCTL	19	46195741	46207247	1
FBXO46	19	46213887	46234162	-1
SIX5	19	46268043	46272484	-1
DMPK	19	46272975	46285810	-1
DMWD	19	46286205	46296060	-1
RSPH6A	19	46298968	46318577	-1
SPINT3	20	44141101	44144264	-1
WFDC6	20	44162835	44168134	-1
EPPIN	20	44165625	44176391	-1
WFDC8	20	44179792	44207965	-1
WFDC9	20	44236578	44259907	-1
WFDC10A	20	44258165	44259835	1
WFDC11	20	44277202	44298909	-1
WFDC10B	20	44313292	44333658	-1
WFDC13	20	44330655	44337456	1
SPINT4	20	44350990	44354469	1
WFDC3	20	44376583	44420571	-1

DNTTIP1	20	44420576	44440066	1
UBE2C	20	44441215	44445596	1
TNNC2	20	44451853	44462384	-1
SNX21	20	44462449	44471914	1
ACOT8	20	44470360	44486045	-1
ZSWIM3	20	44486256	44507761	1
ZSWIM1	20	44509866	44513905	1
SPATA25	20	44515128	44516274	-1
NEURL2	20	44517264	44519926	-1
CTSA	20	44518783	44527459	1
PLTP	20	44527399	44540794	-1
PCIF1	20	44563267	44576662	1
ZNF335	20	44577292	44600833	-1
MMP9	20	44637547	44645200	1
SLC12A5	20	44650356	44688784	1
NCOA5	20	44689624	44718591	-1
CD40	20	44746911	44758502	1
CDH22	20	44802372	44937137	-1
SLC35C2	20	44978167	44993043	-1
ELMO2	20	44994688	45061704	-1
ZNF334	20	45129701	45142198	-1
CTCFL	20	56071035	56100708	-1
PCK1	20	56136136	56141513	1
ZBP1	20	56178902	56195632	-1
PMEPA1	20	56223448	56286592	-1
C20orf85	20	56725960	56736206	1
ANKRD60	20	56793551	56803709	-1
RAB22A	20	56884752	56942563	1
VAPB	20	56964178	57026157	1
APCDD1L	20	57034157	57090187	-1
C22orf42	22	32544993	32555309	-1
RFPL2	22	32586422	32600718	-1
SLC5A4	22	32614465	32651328	-1
RFPL3	22	32750872	32757148	1
BPIFC	22	32809834	32860471	-1
FBXO7	22	32870663	32894818	1
SYN3	22	32908539	33454358	-1
TIMP3	22	33197687	33259030	1
ELFN2	22	37764000	37823505	-1
MFNG	22	37865101	37882439	-1
CARD10	22	37886400	37915549	-1
CDC42EP1	22	37956454	37965412	1
LGALS2	22	37966255	37978623	-1
GGA1	22	38004481	38029571	1
SH3BP1	22	38030661	38062939	1
PDXP	22	38054734	38062941	1
LGALS1	22	38071615	38075813	1
NOL12	22	38077680	38170137	1
TRIOBP	22	38093011	38172563	1
H1FO	22	38201114	38203442	1

GCAT	22	38203912	38213183	1
GALR3	22	38219389	38221502	1
ANKRD54	22	38226862	38245334	-1
EIF3L	22	38244875	38285414	1
MICALL1	22	38301664	38338829	1
C22orf23	22	38339528	38349676	-1
POLR2F	22	38348614	38437922	1
SOX10	22	38366693	38383429	-1
PICK1	22	38452318	38471708	1
SLC16A8	22	38474141	38480100	-1
BAIAP2L2	22	38480896	38506677	-1
PLA2G6	22	38507502	38601697	-1
MAFF	22	38597889	38612518	1
TMEM184B	22	38615298	38669040	-1
CSNK1E	22	38686697	38794527	-1
KCNJ4	22	38822332	38851205	-1
KDEL3	22	38864067	38879452	1
DDX17	22	38879445	38903665	-1
DMC1	22	38914954	38966291	-1
FAM227A	22	38974125	39052634	-1