

Chro No.	Start	End	P-value	Overlap Gene
chr1	4800000	4999999	0.023	AJAP1
chr1	22600000	22799999	0.019	ZBTB40
chr1	49000000	49199999	0.025	AGBL4;BEND5
chr1	56800000	56999999	0.02	PPAP2B
chr1	68200000	68399999	0.026	GNG12;GNG12-AS1
chr1	117200000	117399999	0.029	IGSF3;C1orf137;CD2
chr1	143200000	143399999	0.03	LOC102723769
chr1	149600000	149799999	0.026	LINC00623;LINC00869;LOC103091866;RNVU1-20;HIST2H2BF;FCGR1A;HIST2H3D
chr1	206000000	206199999	0.02	FAM72C;FAM72A
chr1	235000000	235199999	0.031	LOC101927851
chr2	105200000	105399999	0.029	LINC01114
chr2	150600000	150799999	0.03	LOC101929231
chr2	242800000	242999999	0.026	PDCD1;RTP5;LINC01237;LOC102723927
chr3	1000000	1199999	0.026	CNTN6
chr3	67800000	67999999	0.026	SUCLG2-AS1
chr3	124800000	124999999	0.02	SLC12A8;ZNF148
chr3	140200000	140399999	0.029	CLSTN2;CLSTN2-AS1;TRIM42
chr3	149000000	149199999	0.015	TM4SF18;TM4SF1;TM4SF1-AS1;TM4SF4
chr3	172200000	172399999	0.028	TNFSF10;NCEH1
chr3	176600000	176799999	0.026	TBL1XR1
chr3	182000000	182199999	0.027	FLJ46066
chr3	187800000	187999999	0.031	LPP-AS2;LPP;FLJ42393
chr4	54400000	54599999	0.03	LNX1;LNX1-AS2;LOC100506444
chr5	10800000	10999999	0.021	CTNND2
chr5	68800000	68999999	0.011	OCLN;GTF2H2C;GTF2H2C_2;LOC100272216;GUSBP3

chr5	109600000	109799999	0.029	TMEM232
chr5	148600000	148799999	0.027	ABLIM3;AFAP1L1;GRPEL2;PCYOX1L;IL17B
chr5	150600000	150799999	0.03	CCDC69;GM2A;SLC36A3;SLC36A2
chr5	156000000	156199999	0.028	SGCD
chr6	32400000	32599999	0.005	HLA-DRA;HLA-DRB5;HLA-DRB6;HLA-DRB1
chr6	37600000	37799999	0.027	MDGA1;ZFAND3
chr6	142800000	142999999	0.027	LOC153910
chr6	157600000	157799999	0.027	TMEM242
chr6	158000000	158199999	0.031	ZDHHC14
chr6	170200000	170399999	0.02	LINC00574
chr7	8000000	8199999	0.031	LOC100505921;GLCCI1;ICA1
chr7	102400000	102599999	0.018	FAM185A;FBXL13;LRRC17
chr7	143200000	143399999	0.02	EPHA1-AS1;CTAGE15;TCAF2;TCAF2P1
chr7	148000000	148199999	0.031	CNTNAP2
chr8	76000000	76199999	0.031	CASC9
chr9	13000000	13199999	0.025	MPDZ
chr9	46800000	46999999	0.019	FAM74A1;SPATA31A5;SPATA31A7;FAM74A6;ANKRD20A3;FOXD4L4; LOC101928381;LOC286297;LOC103908605;LOC102723709;LINC01189
chr9	105400000	105599999	0.031	LINC00587
chr10	12400000	12599999	0.019	CAMK1D
chr10	22800000	22999999	0.016	PIP4K2A
chr10	29600000	29799999	0.031	LYZL1;SVIL-AS1;SVIL
chr10	46400000	46599999	0.019	PTPN20
chr10	78000000	78199999	0.023	C10orf11
chr10	117400000	117599999	0.025	ATRNL1
chr10	124200000	124399999	0.027	ARMS2;HTRA1;DMBT1

chr11	35000000	35199999	0.029	PDHX;LOC100507144;CD44
chr11	36400000	36599999	0.013	PRR5L;TRAF6;RAG1
chr11	40600000	40799999	0.023	LRRC4C
chr11	41800000	41999999	0.026	LINC01499
chr11	90200000	90399999	0.03	DISC1FP1
chr11	93800000	93999999	0.03	HEPHL1;PANX1
chr11	101000000	101199999	0.018	PGR;LOC101054525
chr12	67800000	67999999	0.016	LOC100507175
chr12	73600000	73799999	0.014	LOC101928137
chr12	101200000	101399999	0.016	ANO4
chr12	124800000	124999999	0.025	ZNF664-FAM101A;FAM101A;NCOR2
chr13	53000000	53199999	0.021	VPS36;CKAP2;TPTE2P3;HNRNPA1L2
chr13	69400000	69599999	0.029	LINC00550
chr13	93600000	93799999	0.021	LINC00363
chr13	103200000	103399999	0.031	TPP2;METTL21C;CCDC168
chr14	82000000	82199999	0.027	SEL1L;LINC01467
chr14	91000000	91199999	0.031	TTC7B;LOC101928909
chr16	73000000	73199999	0.028	ZFHX3;HCCAT5;C16orf47
chr17	16600000	16799999	0.028	CCDC144A;USP32P1;FAM106CP;KRT16P2
chr17	44200000	44399999	0.019	KANSL1;KANSL1-AS1;LRRC37A;ARL17A;ARL17B
chr18	39800000	39999999	0.012	LINC00907
chr18	45600000	45799999	0.025	ZBTB7C
chr20	800000	999999	0.028	FAM110A;ANGPT4;RSPO4
chr20	35800000	35999999	0.029	MROH8;RPN2;GHRH;MANBAL;SRC
chr21	46400000	46599999	0.028	LINC00163;LINC00162;SSR4P1;ADARB1
chrX	24800000	24999999	0.028	POLA1

chrX	42600000	42799999	0.031	PPP1R2P9
chrX	55600000	55799999	0.023	FOXR2;RRAGB
chrX	104400000	104599999	0.024	IL1RAPL2;TEX13A
