

Chr No.	Start	End	P-value	Overlap Gene
chr01	46000000	46199999	0.031	AKR1A1;NASP;CCDC17;GPBP1L1;RPS15AP10;TMEM69;IPP
chr01	104000000	104199999	0.031	LOC101928436;RNPC3;AMY2B;ACTG1P4;AMY2A;AMY1A;AMY1C;AMY1B
chr01	235600000	235799999	0.034	TBCE;B3GALNT2;GNG4
chr01	184800000	184999999	0.035	FAM129A
chr01	220400000	220599999	0.046	RAB3GAP2;AURKAPS1
chr01	44200000	44399999	0.049	ST3GAL3;ST3GAL3;ARTN
chr01	149400000	149599999	0.05	RNVU1-19;PPIAL4A;PPIAL4C;LINC00623;LINC00869;LOC103091866
chr01	196200000	196399999	0.05	KCNT2
chr02	149000000	149199999	0.029	MBD5
chr02	183600000	183799999	0.049	DNAJC10;FRZB;NCKAP1
chr03	196000000	196199999	0.03	PCYT1A;TCTEX1D2;TM4SF19-TCTEX1D2;TM4SF19-AS1;TM4SF19;UBXN7;RNF168
chr03	52200000	52399999	0.031	ALAS1;TLR9;TWF2;PPM1M;WDR82;GLYCTK;GLYCTK-AS1;DNAH1
chr03	140200000	140399999	0.038	CLSTN2;CLSTN2-AS1;TRIM42
chr03	165200000	165399999	0.045	LINC01322
chr03	67800000	67999999	0.049	SUCLG2-AS1
chr04	70000000	70199999	0.008	UGT2B11;UGT2B28
chr04	37600000	37799999	0.037	RELL1
chr04	151400000	151599999	0.042	LRBA;MAB21L2
chr05	65200000	65399999	0.018	ERBB2IP;LOC100303749
chr05	70000000	70199999	0.034	SERF1A;SERF1B;SMN1;SMN2;GUSBP9
chr05	134000000	134199999	0.038	SEC24A;CAMLG;DDX46;C5orf24
chr05	29000000	29199999	0.04	LOC101929645;LOC101929660
chr06	27600000	27799999	0.009	LINC01012;LOC100131289;HIST1H2BL;HIST1H2AI;HIST1H3H;HIST1H2AJ;HIST1H2BM;HIST1H4J;HIST1H4K

chr06	32400000	32599999	0.013	HLA-DRA;HLA-DRB5;HLA-DRB6;HLA-DRB1
chr06	131800000	131999999	0.017	ARG1;MED23;ENPP3
chr06	28400000	28599999	0.03	ZSCAN23;GPX6;GPX5;ZBED9
chr06	45800000	45999999	0.036	CLIC5
chr06	27400000	27599999	0.045	ZNF184
chr06	20600000	20799999	0.048	CDKAL1
chr07	26600000	26799999	0.028	C7orf71;SKAP2
chr07	122000000	122199999	0.033	CADPS2
chr07	124400000	124599999	0.05	GPR37;C7orf77;POT1;POT1-AS1
chr08	26400000	26599999	0.035	DPYSL2
chr08	30000000	30199999	0.037	MBOAT4;DCTN6
chr08	119200000	119399999	0.048	SAMD12
chr09	41000000	41199999	0.002	FAM74A1;ZNF658B
chr09	19000000	19199999	0.015	SAXO1;RRAGA;HAUS6;SCARNA8;PLIN2
chr09	39400000	39599999	0.015	SPATA31A1;FAM74A1;ZNF658B
chr09	125600000	125799999	0.023	RC3H2;SNORD90;ZBTB6;ZBTB26;RABGAP1;GPR21
chr09	88400000	88599999	0.027	LOC389765;NAA35
chr09	73600000	73799999	0.045	TRPM3
chr10	103200000	103399999	0.028	BTRC;POLL;DPCD;FBXW4
chr10	47800000	47999999	0.034	PTPN20;BMS1P5;ANXA8;FAM25C;FAM25G;AGAP9;BMS1P6
chr10	38400000	38599999	0.035	ZNF37A;LOC100129055
chr10	129800000	129999999	0.035	PTPRE;MKI67
chr10	73400000	73599999	0.037	CDH23;C10orf105;C10orf54;PSAP
chr10	27200000	27399999	0.043	LINC00202-1;ANKRD26;YME1L1
chr11	111800000	111999999	0.009	DIXDC1;DLAT;PIH1D2;C11orf57;TIMM8B;SDHD
chr11	85800000	85999999	0.028	EED

chr11	18400000	18599999	0.031	LDHA;LDHC;LDHAL6A;TSG101;UEVLD
chr11	58200000	58399999	0.046	OR5B12;OR5B21;LPXN;ZFP91-CNTF;ZFP91;CNTF
chr12	4600000	4799999	0.024	C12orf4;RAD51AP1;DYRK4;AKAP3;NDUFA9
chr12	50600000	50799999	0.029	LIMA1;FAM186A;LARP4
chr12	101200000	101399999	0.041	ANO4
chr12	88000000	88199999	0.045	MKRN9P
chr12	15200000	15399999	0.048	RERG;RERG-AS1
chr12	110800000	110999999	0.05	ANAPC7;ARPC3;GPN3;FAM216A;VPS29;RAD9B;PPTC7
chr13	95800000	95999999	0.037	ABCC4
chr14	20800000	20999999	0.047	CCNB1IP1;RPPH1;PARP2;TEP1;KLHL33;OSGEP;APEX1;TMEM55B;PNP;RNASE10
chr15	42000000	42199999	0.033	MGA;MAPKBP1;JMJD7;JMJD7-PLA2G4B;PLA2G4B;SPTBN5;EHD4
chr16	47400000	47599999	0.005	ITFG1;PHKB
chr17	31000000	31199999	0.039	MYO1D
chr17	43400000	43599999	0.042	ARHGAP27;PLEKHM1;LRRC37A4P
chr18	10800000	10999999	0.028	PIEZO2
chr18	12000000	12199999	0.038	IMPA2;ANKRD62
chr18	31400000	31599999	0.049	NOL4
chr19	19400000	19599999	0.05	SUGP1;MAU2;GATAD2A
chr20	3800000	3999999	0.041	AP5S1;MAVS;PANK2;RNF24
chr21	32400000	32599999	0.017	KRTAP19-8;TIAM1
chr21	48000000	48199999	0.048	S100B;PRMT2
