

	Chr	Start	End	Strand	Peak Score	Annotation	Gene Name	Gene Description	Gene Type
	chr16	72699350	72699538	+	28.30	intron (NM_019413, intron 1 of 28)	Robo1	roundabout guidance receptor 1	protein-coding
	chr13	109350231	109350419	+	22.60	intron (NM_011056, intron 3 of 16)	Mir582	microRNA 582	ncRNA
	chr3	21479349	21479537	+	22.10	Intergenic	Tbl1xr1	transducin (beta)-like 1X-linked receptor 1	protein-coding
	chr6	105677615	105677803	+	19.00	promoter-TSS (NM_173004)	Cntn4	contactin 4	protein-coding
	chr14	79313862	79314050	+	18.40	Intergenic	Rgcc	regulator of cell cycle	protein-coding
	chr14	118358371	118358559	+	18.30	Intergenic	1700044C05Rik	RIKEN cDNA 1700044C05 gene	ncRNA
	chrX	169994078	169994266	+	17.60	Intergenic	G530011O06Rik	RIKEN cDNA G530011O06 gene	ncRNA
	chr9	103687280	103687468	+	16.70	intron (NM_178638, intron 2 of 5)	Tmem108	transmembrane protein 108	protein-coding
	chr9	104042356	104042544	+	14.80	3' UTR (NM_028721, exon 27 of 27)	Uba5	ubiquitin-like modifier activating enzyme 5	protein-coding
	chr9	104014596	104014784	+	13.80	intron (NM_172460, intron 6 of 7)	Nphp3	nephronophthisis 3 (adolescent)	protein-coding
	chr6	54760270	54760458	+	13.60	Intergenic	Znrf2	zinc and ring finger 2	protein-coding
	chr14	73110850	73111038	+	12.70	Intergenic	Rcbtb2	regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2	protein-coding
	chrY	90812814	90813002	+	10.80	intron (NM_133362, intron 2 of 3)	G530011O06Rik	RIKEN cDNA G530011O06 gene	ncRNA
	chr6	73644959	73645147	+	10.70	Intergenic	Gm31747	predicted gene, 31747	ncRNA
	chr3	51199116	51199304	+	10.20	Intergenic	Noct	nocturnin	protein-coding
	chr6	55120173	55120361	+	9.80	intron (NM_009953, intron 2 of 12)	Crhr2	corticotropin releasing hormone receptor 2	protein-coding
	chr14	99348474	99348662	+	9.64	Intergenic	Klf5	Kruppel-like factor 5	protein-coding
	chr14	72149553	72149741	+	8.93	Intergenic	4930434J06Rik	RIKEN cDNA 4930434J06 gene	ncRNA
	chr10	74855431	74855619	+	8.85	Intergenic	Gnaz	guanine nucleotide binding protein, alpha z subunit	protein-coding
	chrX	170004256	170004444	+	8.46	Intergenic	G530011O06Rik	RIKEN cDNA G530011O06 gene	ncRNA
	chrX	169986857	169987045	+	8.38	intron (NM_001290504, intron 8 of 9)	G530011O06Rik	RIKEN cDNA G530011O06 gene	ncRNA
	chr9	121029933	121030121	+	8.38	intron (NM_177589, intron 35 of 36)	Mir7090	microRNA 7090	ncRNA
	chr2	84505115	84505303	+	7.91	intron (NR_046046, intron 1 of 2)	Gm13710	predicted gene 13710	ncRNA
	chr13	93063438	93063626	+	7.51	exon (NM_023821, exon 9 of 13)	Gm4814	predicted gene 4814	ncRNA
	chr1	66569835	66570023	+	7.43	exon (NM_175510, exon 23 of 65)	Unc80	unc-80, NALCN activator	protein-coding
	chr5	133365892	133366080	+	7.35	Intergenic	Castor2	cytosolic arginine sensor for mTORC1 subunit 2	protein-coding
	chr2	118554810	118554998	+	7.27	Intergenic	Bmf	BCL2 modifying factor	protein-coding
	chr10	22212368	22212556	+	6.01	intron (NM_009018, intron 6 of 6)	Raet1c	retinoic acid early transcript gamma	protein-coding
	chr13	21811692	21811880	+	5.69	promoter-TSS (NM_001195421)	Hist1h4m	histone cluster 1, H4m	protein-coding
	chr8	44745847	44746035	+	5.69	Intergenic	Fat1	FAT atypical cadherin 1	protein-coding
	chr19	27124250	27124438	+	5.45	Intergenic	Vldlr	very low density lipoprotein receptor	protein-coding
	chr2	82847769	82847957	+	5.38	Intergenic	Fsip2	fibrous sheath-interacting protein 2	protein-coding
	chr3	132207576	132207764	+	5.38	Intergenic	Dkk2	dickkopf WNT signaling pathway inhibitor 2	protein-coding
	chr6	78686538	78686726	+	5.30	Intergenic	Reg3g	regenerating islet-derived 3 gamma	protein-coding
	chr6	8178327	8178515	+	5.06	intron (NM_001037865, intron 1 of 34)	Col28a1	collagen, type XXVIII, alpha 1	protein-coding
	chr3	60570521	60570709	+	4.98	intron (NM_001310514, intron 2 of 8)	Mbnl1	muscleblind like splicing factor 1	protein-coding
	chr8	49015312	49015500	+	4.90	Intergenic	Tenm3	teneurin transmembrane protein 3	protein-coding
	chr12	16336510	16336698	+	4.82	Intergenic	Lpin1	lipin 1	protein-coding
	chr10	11306054	11306242	+	4.82	Intergenic	Fbxo30	F-box protein 30	protein-coding
	chr9	67380147	67380335	+	4.59	intron (NM_001081242, intron 8 of 57)	Mir190a	microRNA 190a	ncRNA
	chr1	61621049	61621237	+	4.59	Intergenic	Pard3b	par-3 family cell polarity regulator beta	protein-coding
	chr9	83979010	83979198	+	4.59	intron (NM_199195, intron 3 of 10)	Bckdhb	branched chain ketoacid dehydrogenase E1, beta polypeptide	protein-coding
	chr17	47981782	47981970	+	4.59	Intergenic	1700122O11Rik	RIKEN cDNA 1700122O11 gene	protein-coding
	chr9	83388070	83388258	+	4.51	Intergenic	Gm2087	predicted gene 2087	ncRNA
	chr19	12467560	12467748	+	4.51	3' UTR (NM_172442, exon 9 of 9)	Mpeg1	macrophage expressed gene 1	protein-coding
	chrX	36202228	36202416	+	4.51	Intergenic	Zcchc12	zinc finger, CCHC domain containing 12	protein-coding
	chr10	50704328	50704516	+	4.43	intron (NM_198007, intron 16 of 41)	Ascc3	activating signal cointegrator 1 complex subunit 3	protein-coding
	chr4	23787526	23787714	+	4.43	Intergenic	Mms22l	MMS22-like, DNA repair protein	protein-coding
	chr1	177685013	177685201	+	4.35	Intergenic	2310043L19Rik	RIKEN cDNA 2310043L19 gene	ncRNA
	chr18	6501307	6501495	+	4.35	intron (NM_007935, intron 1 of 13)	Epc1	enhancer of polycomb homolog 1	protein-coding
	chr9	74603704	74603892	+	4.35	Intergenic	Gm16551	predicted gene 16551	ncRNA
	chr2	84956378	84956566	+	4.27	intron (NM_021398, intron 12 of 12)	Slc43a3	solute carrier family 43, member 3	protein-coding
	chr5	130187465	130187653	+	4.27	exon (NM_001199059, exon 2 of 9)	Rabgef1	RAB guanine nucleotide exchange factor (GEF) 1	protein-coding
	chr18	32127528	32127716	+	4.11	intron (NM_001042768, intron 7 of 9)	Proc	protein C	protein-coding
	chr6	100189525	100189713	+	4.03	Intergenic	Rybp	RING1 and YY1 binding protein	protein-coding
	chr12	34664855	34665043	+	4.03	intron (NM_001271386, intron 3 of 27)	Hdac9	histone deacetylase 9	protein-coding
	chr4	62634127	62634315	+	4.03	intron (NM_134257, intron 6 of 15)	Rgs3	regulator of G-protein signaling 3	protein-coding