SNiPAcard

Block annotations

Block info

genomic range	chr17:34,310,702-34,322,110
block size	11,409 bp
variant count	5 variants

Basic features

Conservation/deleteriousness		Linked genes	
phyloP	μ = 0.125 [-0.459 – 0.909]	**gene(s) hit or close-by**	CCL14, CCL15, CCL15-CCL14, CCL16, CTB-186H2.3
phastCons	μ = 0.055 [0 – 0.268]	**eQTL gene(s)**	–
GERP++	μ = -1.285 [-5.68 – 2.44]	**potentially regulated gene(s)**	CCL14, CCL14
CADD score	μ = 5.865 [3.257 – 9.467]	**disease gene(s)**	–

Putative effect on regulation

ENCODE promoter-associated DHS

SNiPA promoter id	variant(s)	associated gene(s)
ENCP00000022624		CCL14

Variation proximal to gene

gene	variant type	min(distance)	transcript	RefSeq id	protein	variant(s)
CCL14	upstream gene variant	230	ENST00000622526	NM_032962.4	ENSP00000479097	1
CCL14	downstream gene variant, upstream gene variant	21	ENST00000620991	?	ENSP00000484818	2
CCL14	upstream gene variant	121	ENST00000618404	NM_032963.3	ENSP00000481023	1
CCL15	downstream gene variant	1366	ENST00000614368	?	ENSP00000484262	1
CCL15	downstream gene variant	2508	ENST00000617897	NM_032965.4	ENSP00000484078	1
CCL16	upstream gene variant	2205	ENST00000610493	?	ENSP00000478934	3
CCL16	upstream gene variant	2170	ENST00000611905	NM_004590.2	ENSP00000478024	3
CTB-186H2.3	downstream gene variant	169	ENST00000617687	?	?	1
CTB-186H2.3	upstream gene variant, downstream gene variant	40	ENST00000612584	?	?	4

Putative effect on transcript

Intron variant

gene	affected transcript	RefSeq id	protein	variant(s)
CCL14	ENST00000622526	NM_032962.4	ENSP00000479097	2
CCL14	ENST00000620991	?	ENSP00000484818	2
CCL14	ENST00000618404	NM_032963.3	ENSP00000481023	2
CCL15-CCL14	ENST00000616694	?	ENSP00000481402	4
CCL15-CCL14	ENST00000610751	?	ENSP00000481940	4
CTB-186H2.3	ENST00000617687	?	?	2

3'-UTR variant

gene	affected transcript	RefSeq id	protein	variant(s)
CCL14	ENST00000614009	?	ENSP00000483186	1

CCL14	ENST00000622526	NM_032962.4	ENSP00000479097	1
CCL14	ENST00000618404	NM_032963.3	ENSP00000481023	1
CCL15-CCL14	ENST00000616694	?	ENSP00000481402	1
CCL15-CCL14	ENST00000610751	?	ENSP00000481940	1

5'-UTR variant

gene	affected transcript	RefSeq id	protein	variant(s)
CCL14	ENST00000614009	?	ENSP00000483186	3

Non-coding exon variant

gene	affected transcript	RefSeq id	variant(s)
CTB-186H2.3	ENST00000617687	?	1
CTB-186H2.3	ENST00000612584	?	1