Locus 219 (rs6509558)

SNiPAcard

Block annotations

Block info

genomic range	chr19:52,115,833-52,128,795
block size	12,963 bp
variant count	4 variants

Basic features

Conservation/deleteriousness		Linked genes	
phyloP	μ = -0.206 [-0.505 – 0.179]	gene(s) hit or close-by	RPL9P33, SIGLEC5, SIGLEC5
phastCons	μ = 0.013 [0 – 0.032]	eQTL gene(s)	SIGLEC14
GERP++	μ = -0.546 [-2.66 – 1.26]	potentially regulated gene(s)	–
CADD score	μ = 2.647 [1.725 – 4.652]	disease gene(s)	–

Direct effect on regulation

cis-eQTL

gene	transcript	probe	tissue	min(statistic) (type)	source	variant(s)
SIGLEC14	?	ENSG00000254415	subcutaneous adipocytes	8.46×10^{-7} (p-value)	GTEx Portal V6	2

Putative effect on regulation

Variation proximal to gene

gene	variant type	min(distance)	transcript	RefSeq id	protein	variant(s)
RPL9P33	downstream gene variant	2995	ENST00000484311	?	?	2

Putative effect on transcript

Intron variant

gene	affected transcript	RefSeq id	protein	variant(s)
SIGLEC5	ENST00000599649	?	ENSP00000470259	4
SIGLEC5	ENST00000534261	?	ENSP00000473238	4
SIGLEC5	ENST00000570106	NM_003830.3	ENSP00000455510	4
SIGLEC5	ENST00000429354	?	ENSP00000415200	4