Locus 274 (rs3733159)

SNiPAcard

Block annotations

Block info

genomic range	chr3:186,359,810-186,360,409
block size	600 bp
variant count	2 variants

Basic features

Conservation/deleteriousness		Linked genes	
phyloP	μ = -1.686 [-2.582 – -0.791]	gene(s) hit or close-by	FETUB, RP11-573D15.8
phastCons	μ = 0.000 [0 – 0]	eQTL gene(s)	–
GERP++	μ = -1.260 [-1.57 – -0.949]	potentially regulated gene(s)	–
CADD score	μ = 3.387 [0.978 – 5.796]	disease gene(s)	–

Putative effect on regulation

Regulatory feature cluster

element id	variant(s)	tissue/cell	factors
ENSR00001681858 (enhancer)	1	monocytes (Monocytes-CD14+)	H3K27me3
		endothelium (HUVEC)	H3K27me3
		HSMMtube	H3K27me3
		Osteobl	H3K27me3
		lung (IMR90)	H3K27me3
		nervous (NH-A)	H3K27me3
		blood (DND-41)	H3K27me3

Variation proximal to gene

gene	variant type	min(distance)	transcript	RefSeq id	protein	variant(s)
RP11-573D15.8	downstream gene variant	4493	ENST00000630331	?	?	1
RP11-573D15.8	downstream gene variant	254	ENST00000629106	?	?	1
RP11-573D15.8	downstream gene variant	255	ENST00000626845	?	?	1
RP11-573D15.8	downstream gene variant	4499	ENST00000625741	?	?	1

Putative effect on transcript

Intron variant

gene	affected transcript	RefSeq id	protein	variant(s)
FETUB	ENST00000265029	NM_014375.2	ENSP00000265029	2
FETUB	ENST00000435961	?	ENSP00000393851	2
FETUB	ENST00000431018	?	ENSP00000396581	2
FETUB	ENST00000450521	?	ENSP00000404288	2
FETUB	ENST00000382134	?	ENSP00000371569	2
FETUB	ENST00000420570	?	ENSP00000405438	2
FETUB	ENST00000382136	?	ENSP00000371571	2
FETUB	ENST00000488561	?	?	2
RP11-573D15.8	ENST00000625386	?	?	2
RP11-573D15.8	ENST00000628505	?	?	2

RP11-573D15.8	ENST00000626649	?	?	2
RP11-573D15.8	ENST00000428501	?	?	2
RP11-573D15.8	ENST00000628190	?	?	2
RP11-573D15.8	ENST00000630864	?	?	2
RP11-573D15.8	ENST00000628253	?	?	2
RP11-573D15.8	ENST00000625303	?	?	2
RP11-573D15.8	ENST00000630315	?	?	2
RP11-573D15.8	ENST00000629106	?	?	1
RP11-573D15.8	ENST00000455926	?	?	2
RP11-573D15.8	ENST00000626633	?	?	2
RP11-573D15.8	ENST00000630178	?	?	2
RP11-573D15.8	ENST00000626845	?	?	1

Non-coding exon variant

gene	affected transcript	RefSeq id	variant(s)
RP11-573D15.8	ENST00000625386	?	1
RP11-573D15.8	ENST00000628505	?	1
RP11-573D15.8	ENST00000626649	?	1
RP11-573D15.8	ENST00000428501	?	1
RP11-573D15.8	ENST00000628190	?	1
RP11-573D15.8	ENST00000630864	?	1
RP11-573D15.8	ENST00000628253	?	1
RP11-573D15.8	ENST00000625303	?	1
RP11-573D15.8	ENST00000630315	?	1
RP11-573D15.8	ENST00000455926	?	1
RP11-573D15.8	ENST00000626633	?	1