Locus 371 (rs4962130)

SNiPAcard

Block annotations

Block info

genomic range	chr9:136,195,607-136,201,191
block size	5,585 bp
variant count	2 variants

Basic features

Conservation/deleteriousness		Linked genes	
phyloP	μ = -0.777 [-0.783 – -0.771]	gene(s) hit or close-by	MED22, RP11-244N20.7, SURF6, Y_RNA
phastCons	μ = 0.005 [0 – 0.011]	eQTL gene(s)	–
GERP++	μ = -0.451 [-0.451 – -0.451]	potentially regulated gene(s)	–
CADD score	μ = 2.429 [0.053 – 4.804]	disease gene(s)	–

Putative effect on regulation

Variation proximal to gene

gene	variant type	min(distance)	transcript	RefSeq id	protein	variant(s)
MED22	downstream gene variant	3968	ENST00000610672	?	ENSP00000482438	1
RP11-244N20.7	upstream gene variant	4635	ENST00000439130	?	?	1
SURF6	downstream gene variant	3	ENST00000372022	NM_006753.5	ENSP00000361092	1
SURF6	downstream gene variant, upstream gene variant	1416	ENST00000468290	?	?	2
Y_RNA	downstream gene variant	3373	ENST00000364581	?	?	1

Putative effect on transcript

Intron variant

gene	affected transcript	RefSeq id	protein	variant(s)
SURF6	ENST00000372022	NM_006753.5	ENSP00000361092	1