SNiPAcard

Block annotations

Block info

genomic range	chr13:113,860,900-113,860,900
block size	1 bp
variant count	1 variants

Basic features

Conservation/deleteriousness		Linked genes	
phyloP	0.45	**gene(s) hit or close-by**	CUL4A, PCID2
phastCons	0.005	**eQTL gene(s)**	PCID2
GERP++	-0.587	**potentially regulated gene(s)**	–
CADD score	2.865	**disease gene(s)**	–

Direct effect on regulation

cis-eQTL

gene	transcript	probe	tissue	min(statistic) (type)	source	variant(s)
PCID2	ENST00000375477	ILMN_1788024	blood	3.79×10-6 (p-value)	Westra et al.	1
PCID2	ENST00000375459					
PCID2	ENST00000462653					
PCID2	ENST00000463102					
PCID2	ENST00000473462					
PCID2	ENST00000493650					
PCID2	ENST00000375479					
PCID2	ENST00000622406					
PCID2	ENST00000337344					
PCID2	ENST00000246505					
PCID2	ENST00000375457					

Putative effect on regulation

Variation proximal to gene

gene	variant type	min(distance)	transcript	RefSeq id	protein	variant(s)
CUL4A	upstream gene variant	3014	ENST00000488558	?	ENSP00000480367	1
CUL4A	upstream gene variant	3030	ENST00000474116	?	?	1
CUL4A	upstream gene variant	3044	ENST00000494985	?	?	1
CUL4A	upstream gene variant	2108	ENST00000326335	NM_001278514.1	ENSP00000322132	1
CUL4A	upstream gene variant	2250	ENST00000617546	?	ENSP00000481782	1
CUL4A	upstream gene variant	3297	ENST00000498562	?	?	1
CUL4A	upstream gene variant	2958	ENST00000375440	NM_001008895.2	ENSP00000364589	1
CUL4A	upstream gene variant	1607	ENST00000375441	NM_001278513.1	ENSP00000364590	1
CUL4A	upstream gene variant	3247	ENST00000463426	?	?	1
CUL4A	upstream gene variant	2186	ENST00000451881	NM_003589.2	ENSP00000389118	1

Putative effect on transcript

Intron variant

gene	affected transcript	RefSeq id	protein	variant(s)
PCID2	ENST00000337344	NM_001127202.2	ENSP00000337405	1
PCID2	ENST00000484641	?	?	1
PCID2	ENST00000480971	?	?	1
PCID2	ENST00000375477	?	ENSP00000364626	1
PCID2	ENST00000375457	NM_001258213.1	ENSP00000364606	1
PCID2	ENST00000375459	?	ENSP00000364608	1
PCID2	ENST00000622406	NM_001258212.1	ENSP00000479494	1
PCID2	ENST00000475433	?	?	1
PCID2	ENST00000246505	?	ENSP00000246505	1
PCID2	ENST00000375479	NM_018386.3, NM_001127203.2	ENSP00000364628	1
PCID2	ENST00000491548	?	?	1