Locus 410 (rs17844003)

SNiPAcard

Block annotations

Block info

genomic range	chr13:46,670,347-46,670,347
block size	1 bp
variant count	1 variants

Basic features

Conservation/deleteriousness		Linked genes	
phyloP	0.476	gene(s) hit or close-by	CPB2, CPB2-AS1
phastCons	0.706	eQTL gene(s)	CPB2-AS1, ZC3H13
GERP++	0.449	potentially regulated gene(s)	–
CADD score	10.2	disease gene(s)	–

Direct effect on regulation

cis-eQTL

gene	transcript	probe	tissue	min(statistic) (type)	source	variant(s)
CPB2-AS1	?	ENSG00000235903	caudate basal ganglia	3.11×10^{-9} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	cortex	5.83×10^{-8} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	nucleus accumbens	6.06×10^{-10} (p-value)	GTEx Portal V6	1
ZC3H13	?	ENSG00000123200	tibial nerve	2.55×10^{-6} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	tibial nerve	4.81×10^{-7} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	transformed fibroblasts	2.80×10^{-7} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	anterior cingulate cortex	9.99×10^{-8} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	cerebellar hemisphere	1.82×10^{-7} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	putamen	3.18×10^{-12} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	hypothalamus	2.78×10^{-8} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	cerebellum	1.33×10^{-7} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	frontal cortex	1.78×10^{-8} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	sun exposed skin	2.05×10^{-9} (p-value)	GTEx Portal V6	1
ZC3H13	?	ENSG00000123200	unexposed skin	4.94×10^{-6} (p-value)	GTEx Portal V6	1
CPB2-AS1	?	ENSG00000235903	hippocampus	2.41×10^{-8} (p-value)	GTEx Portal V6	1

Putative effect on transcript

Intron variant

gene	affected transcript	RefSeq id	protein	variant(s)
CPB2	ENST00000181383	NM_001872.4	ENSP00000181383	1
CPB2	ENST00000439329	NM_001278541.1	ENSP00000400714	1
CPB2-AS1	ENST00000606991	?	?	1

CPB2-AS1	ENST00000606243	?	?	1
CPB2-AS1	ENST00000415033	?	?	1
CPB2-AS1	ENST00000606351	?	?	1