

**SUPPLEMENTARY MATERIAL**

**S1 Table. *cis*-mQTLs with SNPs in moderate LD ( $r^2 > 0.4$ ) with the genetic variant associated to the chronic Chagas cardiomyopathy**

SNP ID	SNP position	DNAm site ID <sup>a</sup>	DNAm position	DNAm site function <sup>b</sup>	DNAm site gene	FDR	Beta	R <sup>2c</sup>	Distance (bp) <sup>d</sup>
rs11231929	11:64810771					1.85E-05	0.26	0.49	2,688
rs496427	11:64838173					6.82E-05	0.26	0.46	30,090
rs947799	11:64851305	cg22690720	11:64808083	TSS1500	<i>SAC3D1</i>	8.06E-05	0.26	0.45	43,222
rs475089	11:64832939					1.46E-04	0.26	0.44	24,856
rs498636	11:64807541					3.11E-04	0.23	0.42	-542
rs6591869	11:64802267					9.49E-04	0.22	0.39	-5,816

a DNAm site identifier

b Position of the DNAm site respecting its annotated gene. TSS1500 refers a position 1500 bp to the gene promoter.

c mQTL correlation.

d SNP-DNAm site genetic distance.