

Supplementary table 4. *Cis*-eQTLs found for the rare variants segregating with migraine in the four regulatory regions. The name of the migraine risk loci and the genomic positions of the regulatory regions is displayed. The SNP identifiers of the rare variants were found using the dbSNP build 152. For each rare variant with a significant *cis*-eQTL, the eQTL index SNP, eQTL gene, GTEx tissue, eQTL *p*-value is presented.

Locus	Position (chromosome:start:end)	eQTL index SNP	eQTL gene	GTEx tissue	eQTL <i>p</i> -value
<i>PHACTR1</i>	CpG island (chr6:13486092:13488560)	rs62385806	<i>GFOD1</i>	Skin; Sun Exposed (Lower leg)	1.6e-4
		rs982391	<i>GFOD1</i>	Skin; Sun Exposed (Lower leg)	8.4e-5
<i>KCNK5</i>	PRE (chr6:39310446:39312846)	rs72855550	<i>KCNK17</i>	Esophagus; Muscularis	5.0e-6
				Artery; Tibial	1.3e-4
		rs1544049	<i>KCNK17</i>	Whole Blood	2.5e-18
				Pancreas	6.0e-11
				Esophagus; Mucosa	2.8e-10
				Prostate	2.3e-9
				Esophagus; Muscularis	9.5e-9
				Esophagus; Gastroesophageal Junction	6.6e-8
				Spleen	4.2e-7
				Minor Salivary Gland	4.4e-7
				Small Intestine; Terminal Ileum	5.7e-6
				Artery; Tibial	1.2e-5
				Adipose; Subcutaneous	3.3e-5
				Whole Blood	8.9e-17

				Pancreas	9.3e-12
				Esophagus; Mucosa	3.7e-10
				Prostate	9.7e-10
				Esophagus; Muscularis	7.7e-8
				Minor Salivary Gland	9.5e-8
				Esophagus; Gastroesophageal Junction	2.8e-7
				Artery; Tibial	3.9e-7
				Spleen	2.6e-6
				Testis	2.9e-5
		rs1544050	<i>KIF6</i>	Artery; Aorta	1.1e-4
<i>RNF213</i>	PRE (chr17:79742606:79746206)	rs151138055	<i>CBX2</i>	Cells; Cultured fibroblasts	2.6e-5
		rs7350911	<i>LINC02078</i>	Spleen	1.1e-6
		rs7350911	<i>ENPP7</i>	Lung	2.2e-5
		rs6565482	<i>TBC1D16</i>	Breast; Mammary Tissue	2.4e-6
		rs6565482	<i>CARD14</i>	Skin; Not Sun Exposed (Suprapubic)	5.1e-6