

Table 2: Relationship in mitochondrial DNA variations between the 50 patients with migraines with aura and the 50 healthy controls included in this cross-sectional study.

mt DNA Variations	Genotype	MA	Controls	p
mT-DLOOP2 m.73A>G	AA	39 (78)	21 (42)	0.001
	AG	-	-	
	GG	11 (22)	29 (58)	
mT-DLOOP2 m.263A>G	AA	30 (60)	2 (4)	0.001
	AG	-	-	
	GG	20 (40)	48 (96)	
mT-DLOOP2 m.295C>T	CC	50 (100)	43 (86)	0.012
	CT	-	-	
	TT	0 (0)	7 (14)	
mT-DLOOP2 m.310T>C	TT	30 (60)	2 (4)	0.001
	TC	-	-	
	CC	20 (40)	48 (96)	
mT-DLOOP2 m.311C>T	CC	30 (60)	6 (12)	0.001
	CT	-	-	
	TT	20 (40)	44 (88)	
mT-DLOOP2 m.462C>T	CC	50 (100)	44 (88)	0.012
	CT	-	-	
	TT	0 (0)	6 (12)	
mT-DLOOP2 m.489T>C	TT	50 (100)	39 (78)	0.001
	TC	-	-	
	CC	0 (0)	11 (22)	
mT-NC7 m.8277T>C	TT	35 (70)	50 (100)	0.001
	TC	-	-	
	CC	15 (30)	0 (0)	
mT-ND6 m.14470T>C	TT	50 (100)	10 (20)	0.001
	TC	-	-	
	CC	0 (0)	40 (80)	
mT-DLOOP1 m.16069C>T	CC	50 (100)	43 (86)	0.012
	CT	-	-	
	TT	0 (0)	7 (14)	
mT-DLOOP1 m.16126T>C	TT	48 (96)	37 (74)	0.001
	TC	-	-	
	CC	2 (4)	13 (26)	
mT-DLOOP1 m.16278C>T	CC	50 (100)	44 (88)	0.027
	CT	-	-	
	TT	0 (0)	6 (12)	
mT-DLOOP1 m.16519T>C	TT	40 (80)	25 (50)	0.001
	TC	-	-	
	CC	10 (20)	25 (50)	

Values are presented as number and percentage in brackets; Pearson chi-Square test and Kolmogorov-Smirnov two sample test were used. MA: migraine with aura, mT: mitochondrial.