

Table 1 : SNPs in cardiac ion channel genes associated with QTc length in healthy Caucasian populations.

Gene	SNP region	Coding	SNP database	alleles	cDNA position nomenclature	genome position <sup>1</sup>	Initial association studies	Association results
<i>KCNQ1</i>	Intron 1	NC	rs757092	A>G	-	Chr11:2455754	Pfeufer et al, 2005	G > longest QTc*
<i>KCNH2</i>	exon 11	K897T	rs1805123	A>C	2690	Chr7:150276467	Bezzina et al, 2003 Pfeufer et a, 2005 Gouas et al, 2005	C > shortest QTc
	3'UTR		rs3815459	G>A	-	Chr7:150275327	Pfeufer et al, 2005	A > longest QTc*
<i>SCN5A</i>	intron 9	NC	-	C>A	IVS9-3 (1141-3)	-	Gouas et al, 2005	A > longest QTc
	exon 12	H558R	rs1805124	A>G	1673	Chr3:38620424	Aydin et al, 2005 Gouas et al, 2005	G > longest QTc
	intron 24	NC		G>A	IVS24+116	-	Aydin et al, 2005	A > longest QTc***
	exon 28	D1819D	rs1805126	C>T	5457	Chr3:38567410	Gouas et al 2005	T > shortest QTc
<i>KCNE1</i>	Intron 2	NC	-	G>A	IVS2-128	chr21:34743980	Aydin et al, 2005	G > longest QTc**
	Intron 2	NC	rs2236609	C>T	IVS2-129	chr21:34743981	present study	no association
	exon 3	G38S	rs1805127	G>A	112	chr21:34743691	Friendler et al, 2005 Gouas et al, 2005 Akyol et al, 2007	A > longest QTc no association
<i>KCNE2</i>	exon 2	T8A	rs2234916	A>G	22	chr21:34664669	Aydin et al, 2005	G > shortest QTc**

<sup>1</sup> db SNP Build 126

NC: non coding

All these SNPs have been studied in the D.E.S.I.R population (Gouas et al, 2005 or present study). \* associations confirmed in the present study;

\*\* associations not confirmed; \*\*\* association of the allele A with the shortest QTc was found **in this study**.