

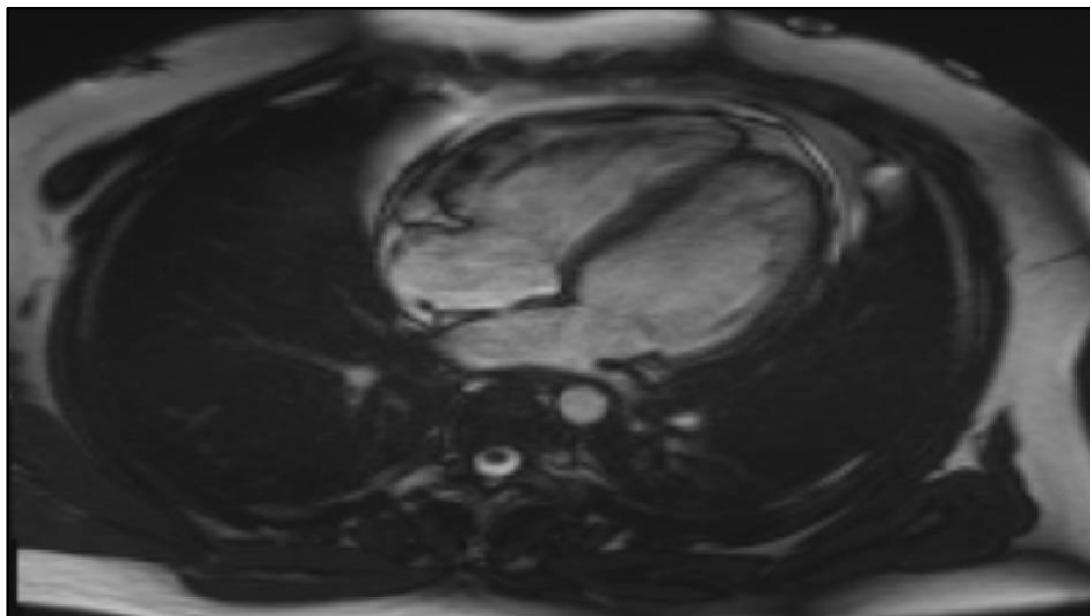
Supplementary Table S1

List of 46 inherited cardiac arrhythmias related genes

ABCC9, AKAP9, ANK2, CACNA1C, CACNA2D1, CACNB2, CALM1, CALM2, CALM3, CASQ2, CAV3, DES, DSC2, DSG2, DSP, GPD1L, HCN4, JUP, KCND3, KCNE1, KCNE1L, KCNE2, KCNE3, KCNH2, KCNJ2, KCNJ5, KCNJ8, KCNQ1, LMNA, NKX2-5, PKP2, PLN, RANGRF, RYR2, SCN10A, SCN1B, SCN2B, SCN3B, SCN4B, SCN5A, SNTA1, TGFB3, TMEM43, TRDN, TRPM4, TTN

Supplementary Table S2.

Gene	primer	sequencing
<i>KCNH2</i>	Forward	TGGCTAGCCTGCATCTGGT
	Reverse	CTCAGTCTCAGCGTCGACATG
<i>JUP</i>	Forward	GTTCTGTCTCCTGTCCCCGC
	Reverse	ACTCACCAGCCTCCACAATG



Supplement figure 1

Proband's enhanced magnetic resonance exhibit normal cardiac structure.