

rs2200733 is related to AF relapse after ablation

**Supplementary Table 1.** Nucleotide sequences for primers used to sequence both atrial fibrillation associated variants

Variants	Primers	Nucleotide Sequence (5'-3')
rs2200733	Forward	CTTGGTGGTACTTGGGTTTTG
	Reverse	TGCATTTATTCACAGGCTCC
rs2106261	Forward	GCCCTAGTCCAGAGAGAGCAGTC
	Reverse	TAGCTTAGCACCCCACAGATAGAG

**Supplementary Table 2.** Association between rs2106261 and diameters of atrium and pulmonary veins

Clinical Parameters	Genotypes (M ± SD, mm)			Inherent Models (P <sub>-value</sub> )		
	AA	AG	GG	Additive	Recessive	Dominant
LA	41.3±5.8	41.4±5.1	41.7±4.7	0.339	0.850	0.651
RA	38.1±6.0	37.8±5.2	38.7±5.2	0.591	0.893	0.507
LSPV	20.1±3.9	19.8±3.2	19.7±4.9	0.830	0.607	0.909
LIPV	17.5±2.8	16.4±2.7	16.7±3.1	0.236	0.110	0.964
RSPV	20.4±4.6	20.1±3.6	21.1±4.1	0.472	0.795	0.227
RIPV	18.2±3.8	17.8±3.3	18.0±2.8	0.763	0.675	0.684

LA, left atrium; LIPV, left inferior pulmonary vein; LSPV, left superior pulmonary vein; M ± SD, mean ± standard deviation; RA, right atrium; RIPV, right inferior pulmonary vein; RSPV, right superior pulmonary vein.