

Supplementary file information

Article name:

The genetic variation rs12143842 in NOS1AP increases idiopathic ventricular tachycardia risk in Chinese Han populations

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Supplementary Table 1 Genotypic distribution of SNP rs12143842 genotypes in the GeneID study population

	Characteristic (case/control)	Genotype (case)			Genotype (control)			HWE P^a
		C/C	T/C	T/T	C/C	T/C	T/T	
	Total	280	210	46	611	644	160	0.949
IVT	North	143	114	20	310	331	87	0.883
	South	137	96	26	301	313	73	0.808

HWE, Hardy-Weinberg equilibrium; IVT, idiopathic ventricular tachycardia

^aHWE $P < 0.05$ denotes the deviation from Hardy-Weinberg Equilibrium

Supplementary Table 2 Compare with allele/genotype frequencies for rs12143842 in all East Asian populations and in the study cohorts

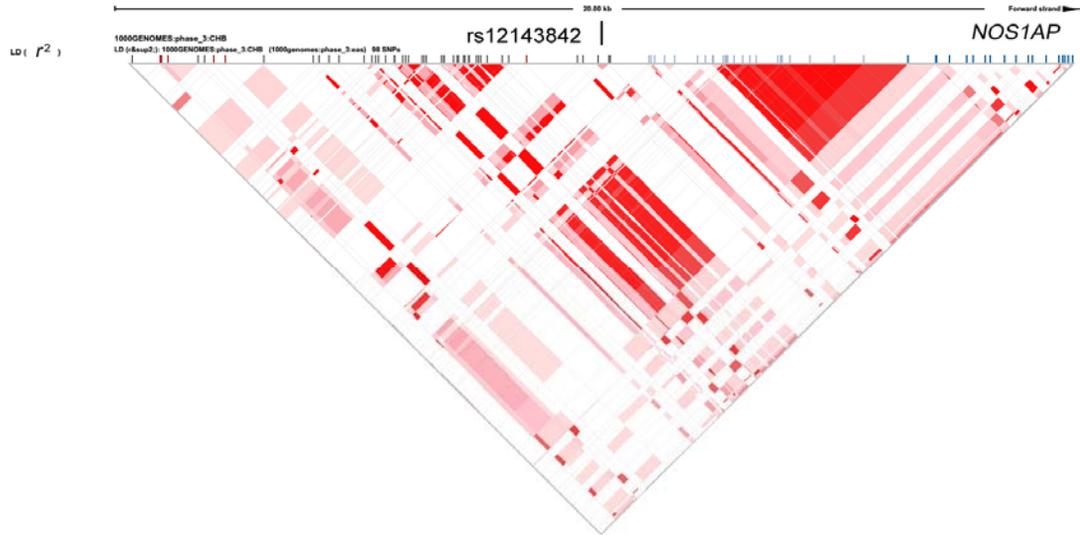
Frequencies (%)	East Asian Cohort ^{&}	Study Cohort	P
Allele (C/T)	65.9/34.1	67.7/32.3	>0.05
Genotype(CC/CT/TT)	42.9/46.0/11.1	42.4/40.5/17.3	>0.05

&: allele/genotype frequencies data for rs12143842 in all East Asian populations was from

<http://www.ensembl.org/>

Supplementary Figure 1 The linkage disequilibrium(LD) pattern of NOS1AP including rs12143842 from CHB and CHS populations

CHB



CHS

