

SUPPLEMENTARY TABLES

Supplementary Table 1. Primary information for polymorphisms at *circFOXO3* flanking introns.

Genotyped SNPs	rs12196996	rs9398171
ChrPos (Genome Build 108)	108984067	108983527
Pos in <i>circFOXO3</i> gene ^a	-590bp	-1130bp
MAF for Chinese ^b (CHB and CHS) in HapMap ^a	0.127	0.240
MAF in our controls (n = 610)	0.161	0.302
P-Value for HWE test in our controls ^c	0.781	0.431

^a Distance to backsplice junction of the *circFOXO3*.

^b MAF: minor allele frequency.

^c HWE: Hardy-Weinberg equilibrium.

Supplementary Table 2. Multivariate associations of tagSNPs at *circFOXO3* flanking introns with MI risk.

Models		Controls	Cases	OR (95% CI) ^a	P-value ^a
		(n = 610)	(n = 283)		
		No. (%)	No. (%)		
<u><i>rs12196996</i></u>					
Additive	A	1023 (83.9)	455 (80.4)	1.00	-
	G	197 (16.1)	111 (19.6)	1.35 (1.00-1.84)	0.052
Genotype	AA	428 (70.2)	186 (65.7)	1.00	-
	AG	167 (27.4)	83 (29.4)	1.32 (0.90-1.93)	0.153
	GG	15 (2.5)	14 (4.9)	1.96 (0.82-4.69)	0.130
Dominant	AA	428 (70.2)	186 (65.7)	1.00	-
	AG+GG	182 (29.8)	97 (34.3)	1.39 (0.96-1.99)	0.078
Recessive	AG+AA	595 (97.5)	269 (95.1)	1.00	-
	GG	15 (2.5)	14 (4.9)	1.81 (0.76-4.28)	0.178
<u><i>rs9398171</i></u>					
Additive	T	851 (69.8)	387 (68.4)	1.00	-
	C	369 (30.2)	179 (31.6)	1.09 (0.84-1.40)	0.520
Genotype	TT	301 (49.3)	136 (48.1)	1.00	-
	TC	249 (40.8)	115 (40.6)	1.20 (0.68-2.13)	0.524
	CC	60 (9.8)	32 (11.3)	1.07 (0.75-1.52)	0.726
Dominant	TT	301 (49.3)	136 (48.1)	1.00	-
	CT+CC	309 (50.7)	147 (51.9)	1.09 (0.78-1.53)	0.606
Recessive	CT+TT	550 (90.2)	251 (88.7)	1.00	-
	CC	60 (9.8)	32 (11.3)	1.17 (0.68-2.02)	0.575

^a Adjusted for age, sex, smoking, drinking, hypertension, diabetes, hyperlipidemia.

Supplementary Table 3. The sequences of primers and probes used to genotype *circFOXO3* polymorphisms.

Name	Sequence (5'-3')
Primers	
rs12196996-F	AGTGTGAACTTCAATATGGGC
rs12196996-R	GCTGGGAATAGATAAGCTCAC
rs9398171-F	TGGAAGGCAGACCACAGAAG
rs9398171-R	GCAACTTTAGAGTGGAGAAAC
Probes	
rs12196996-FAM	P-TGCCCATATTGAAAGGCCCTTTTTTTTTTTTTTTTTT-FAM
rs12196996-A	TTTTTTTTTTTTTTTTTTCCTGGCCTTCTGTAATTATAT
rs12196996-G	TTTTTTTTTTTTTTTTTTCCTGGCCTTCTGTAATTATAC
rs9398171-FAM	P-GTCAATATCTACAAGGATAATTTTTTTTTTTTTTTTTTTTTT-FAM
rs9398171-C	TTTTTTTTTTTTTTTTTTTTTTTTTTTCACTATTCAGTAGGTGATCGGG
rs9398171-T	TTTTTTTTTTTTTTTTTTTTTTTTTTTCACTATTCAGTAGGTGATCGGA

Supplementary Table 4. Primers used for quantitative real-time PCR (qRT-PCR).

Name	Sequence (5'-3')
<i>ACTIN</i>	F: AGATGACCCAGATCATGTTTGAG R: AGGGCATACCCCTCGTAGAT
<i>circFOXO3</i>	F: TTTGATTCCTCATCTCCACA R: GAGTTCTGCTTGCCCACT
<i>FOXO3</i>	F: TGGCAAGCACAGAGTTGGATGAAG R: CATATCAGTCAGCCGTGGCAGTTC