

Supplementary Table 1. Sample size, power calculation, and HWE

Gene	Polymorphism	Allele	Frequency (%)	OR	Sample size (case/control)	Power (%)	HWE	<i>P</i>
<i>ACE</i>	rs4646994	D	88.5	4.9	91/100	80%	4.79	0.028

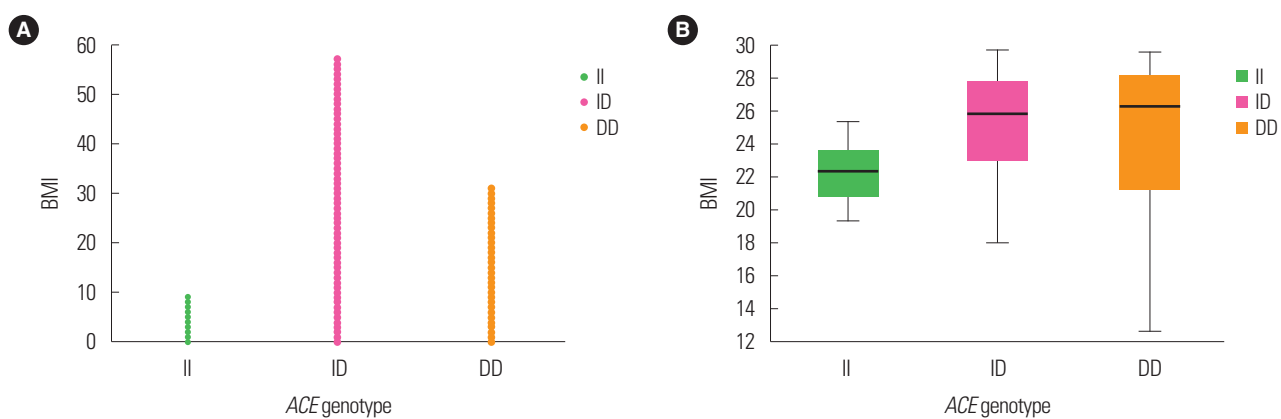
HWE, Hardy-Weinberg equilibrium; OR, odds ratio; *ACE*, angiotensin-converting enzyme; D, deletion.

Supplementary Table 2. ANOVA analysis between *ACE* gene genotypes and anthropometric measurements

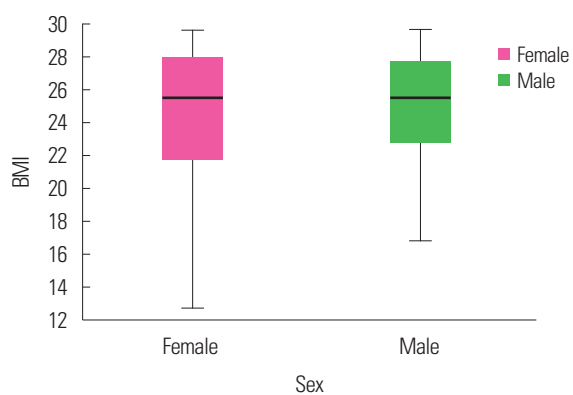
Anthropometric particulars	II genotype (n= 10)	ID genotype (n= 1)	DD genotype (n= 80)	<i>P</i>
Age (yr)	28.10± 12.43	15.00± 0.00	29.74± 12.49	0.47
Weight (kg)	90.99± 42.46	95.80± 0.00	99.12± 30.39	0.74
Height (cm)	139.17± 36.40	168.00± 0.00	158.28± 16.61	0.01
BMI (kg/m ²)	39.55± 12.33	33.94± 0.00	37.97± 11.04	0.85

Values are presented as mean± standard error.

ANOVA, analysis of variance; *ACE*, angiotensin-converting enzyme; I, insertion; D, deletion; BMI, body mass index.



Supplementary Figure 1. Scatter plot (A) and box plot (B) representing the association between angiotensin-converting enzyme (*ACE*) genotypes and body mass index (BMI) in the control subjects. I, insertion; D, deletion.



Supplementary Figure 2. Representation of the association between sex and body mass index (BMI) in control subjects through a box plot diagram.