

# **Genetic variants and haplotypes in the renin–angiotensin system could affect bleeding complications among Korean mechanical heart valve patients on warfarin**

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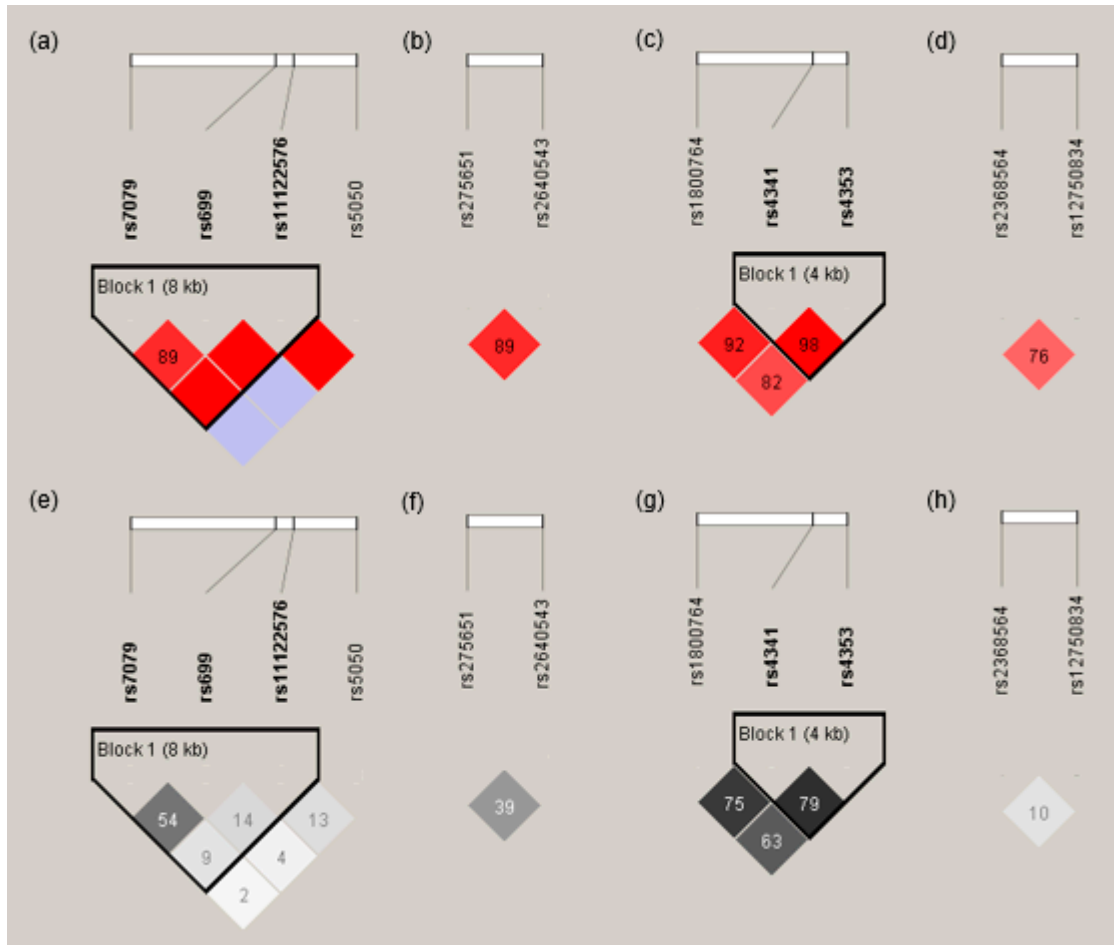
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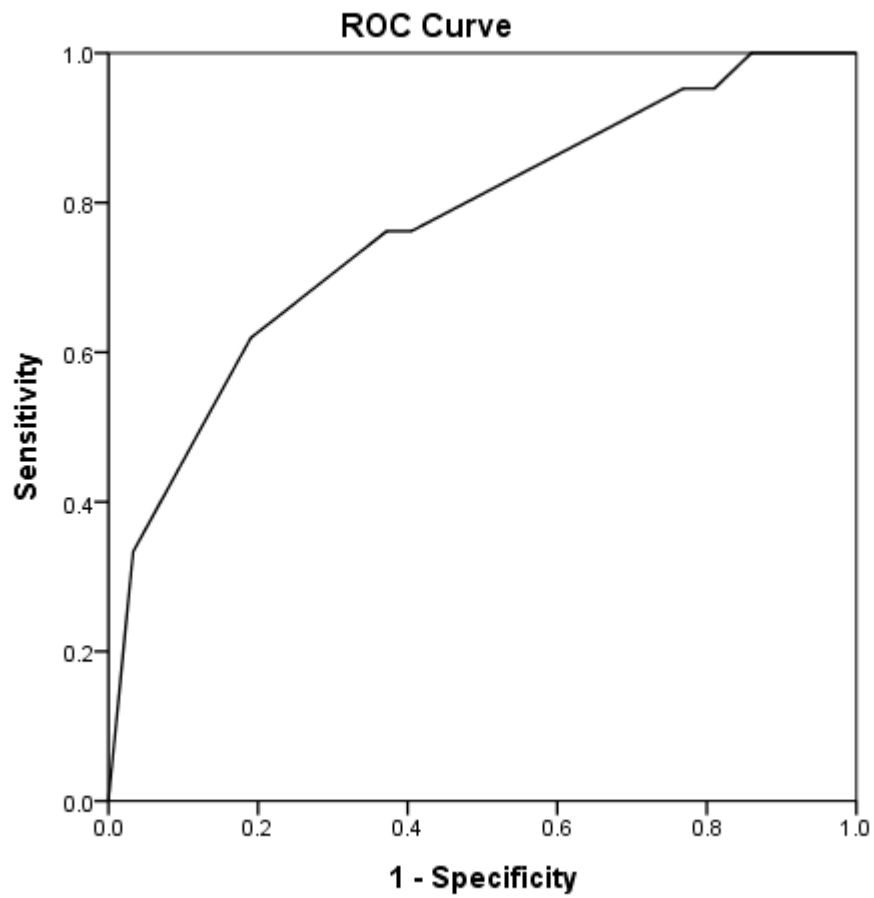
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**Supplementary Figure S1. Linkage disequilibrium patterns and relative position of SNPs among study patients.** Present SNPs were in *AGT* ((a) and (e)), *REN* ((b) and (f)), *ACE* ((c) and (g)) and *AGTRI* ((d) and (h)), respectively. Values in squares are the pairwise calculation of  $D'$  ((a)-(d)) or  $r^2$  ((e)-(h)). Empty squares indicate  $D'=1.0$  or  $r^2=1.0$ .



**Supplementary Figure S2. Area under the receiver operating characteristic curve (AUROC) for bleeding complications at therapeutic INRs. The AUROC value was 0.771 (95% CI 0.656-0.886,  $p < 0.001$ ).**