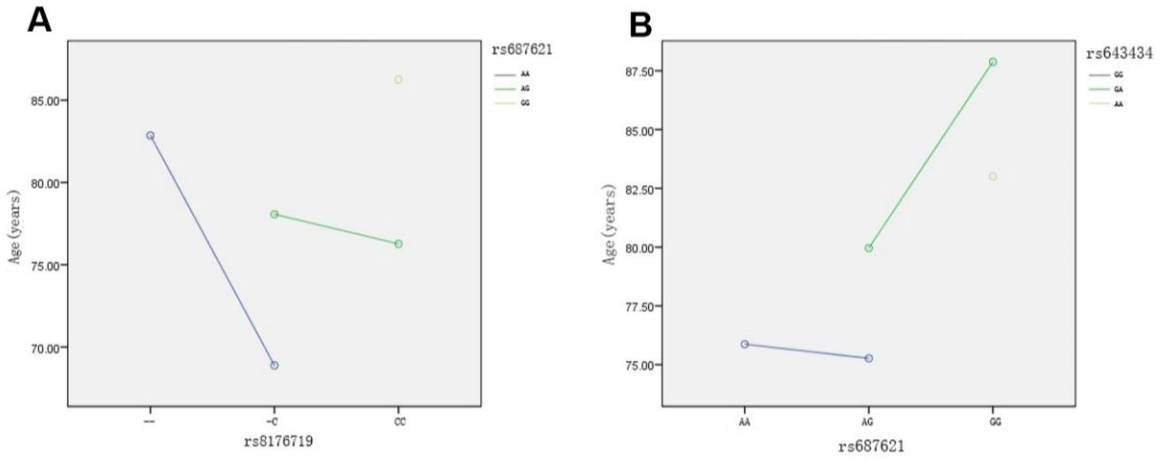
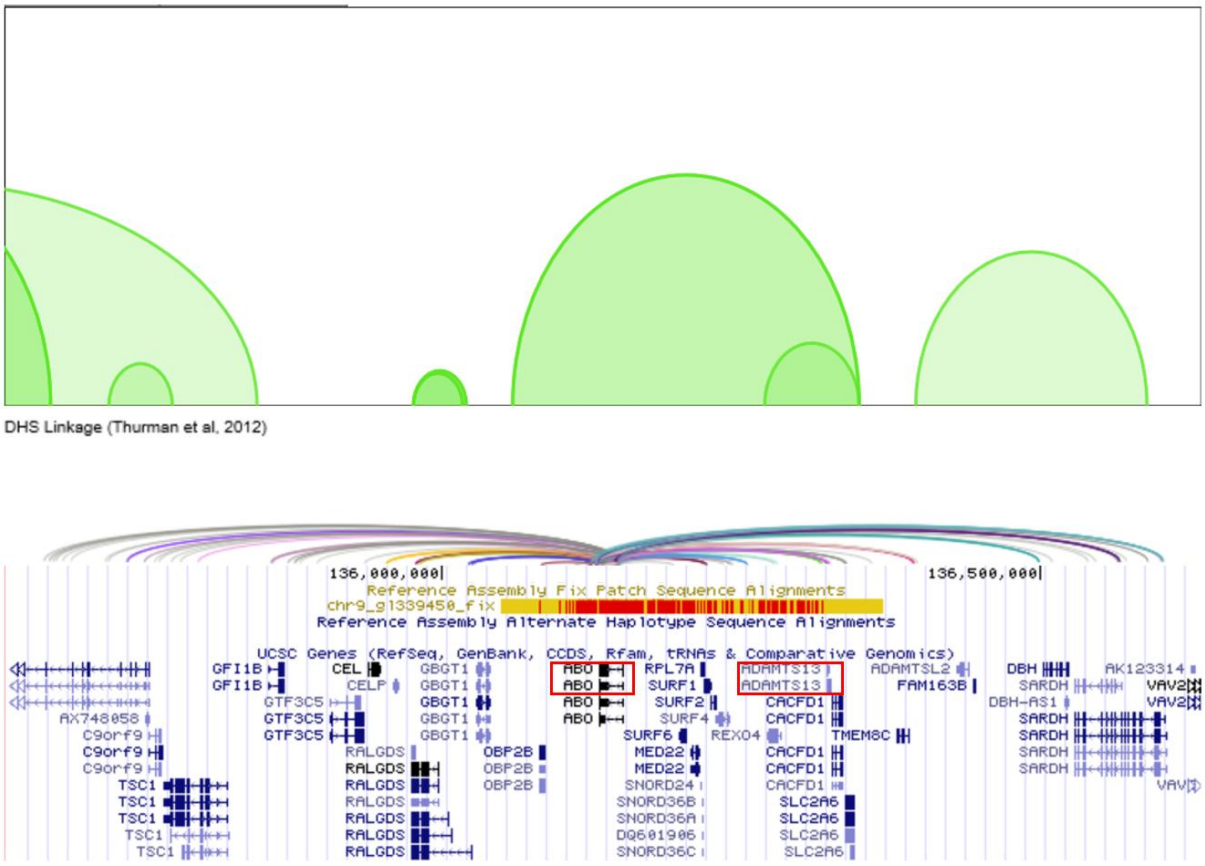
SUPPLEMENTARY FIGURES



Supplementary Figure 1. Interaction analysis between plasma lipids level and variants on age. ABO longevity variant allele carriers take a trend of better blood lipid homeostasis (**A**) interaction analysis between rs8176719 and rs687621 (**B**) interaction analysis between rs687621, rs643434 and TG.



Supplementary Figure 2. Interaction analysis between ABO and ADAMTS13. The green arc shows the interaction between ABO and ADAMTS13 genes.