

**Table S1 Variance explained by QTL for HDL.**

Model	%Var
Chr1@173Mb	23.7
Chr1@181Mb	10.6
Chr5@125Mb	20.9
Chr1@173 + Chr1@181	26.2
Chr1@173+Chr5@125	41.6
Chr1@181+Chr5@125	25.7
Chr1@173+Chr1@181+Chr5@125	41.9