

Figure S1. QQ Plot of association P-values.

The lambda value, which assess the fit of the observed distribution of association chi-square statistics to that expected under no association, was 0.991.

note: The plots in figures S1 and S2 are based on the P values obtained by logistic regression analysis, using the function `qq.chisq` in the R package `snpStats`. To account for the fact that the tests may have 1 or 2 df, $-2\log(P)$ values are plotted as chi-squared on 2 df as suggested in the vignette of R/`snpStats`.

