



Supplementary Figure 2

The suggestive locus on chromosome 7p13 encoding *HECW1*.

(a) Mean trait values (\pm standard errors) by rs978056 genotype. (b) Regional plot of the *HECW1* locus and the top signal represented by rs978056 ($P=3.3 \times 10^{-5}$); the x-axis presents physical distance in kilobases (hg18 coordinates), and the y-axis presents $-\log P$ values for association statistics. (c) The network of known protein-protein interactions between *HECW1*, *C1GALT1*, and *C1GALT1C1*-encoded proteins. Each node represents a protein and each edge represents a high confidence physical interaction. The seed terms are highlighted in green and their common interactors in yellow. The protein interactions were analyzed and visualized using the Protein Interaction Network Analysis (PINA2) platform.