Table S9: GO function analysis of top 100 signals, when compared to all signals, from CEU population using the T_1 test statistic.

Description	p-value	Enrichment	Genes
MHC class II receptor activity	1.2×10^{-9}	90.1	*HLA-DPA1, HLA-DQA1, HLA-DQB1, HLA-DRA, HLA-DRB1*

GO categories in which false discovery rate is less than 0.01.