



Figure S11. Whole-genome scan of 214,051 SNPs for association with disease index at 10 dpi across (A) the accessions of the S allelic group SNP-3-21386192-T ($n = 102$) and (B) the accessions of the R allelic group SNP-3-21386192-C ($n = 279$), using either the Wilcoxon model or the EMMAX method. The y-axis indicates the $-\log^{10} p$ -values using the Wilcoxon model or the EMMAX method. MARF = 0.05.