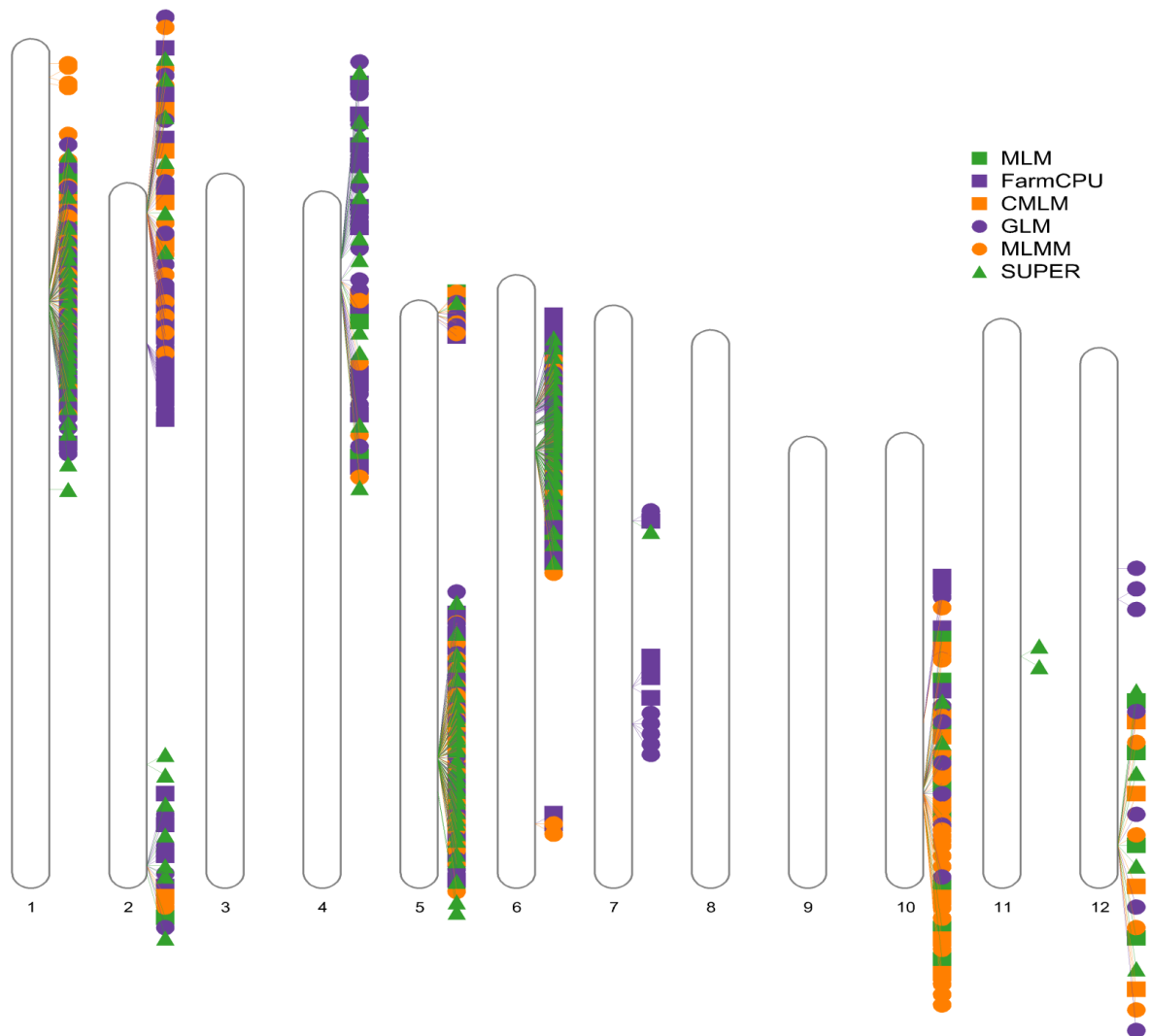
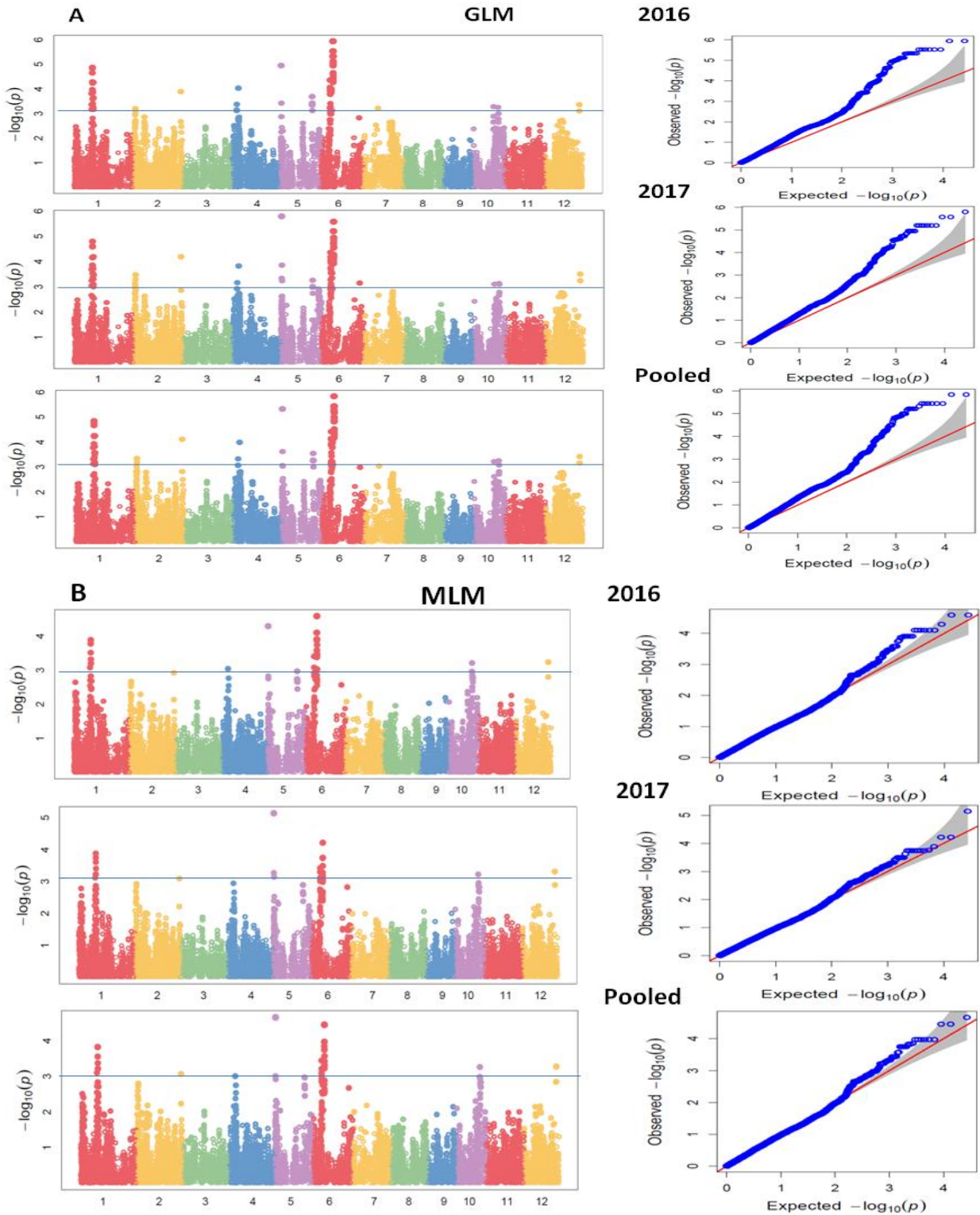


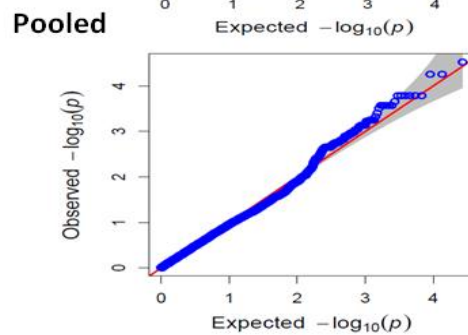
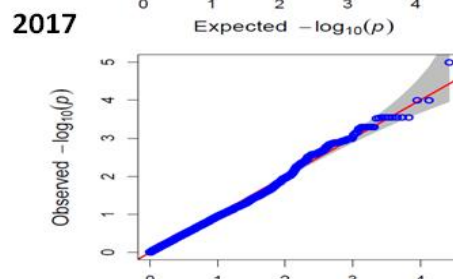
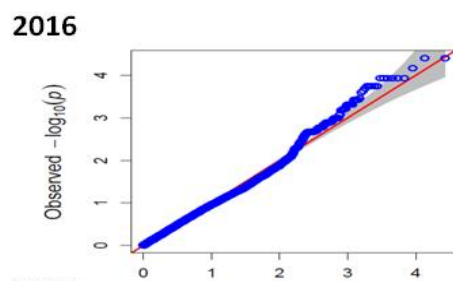
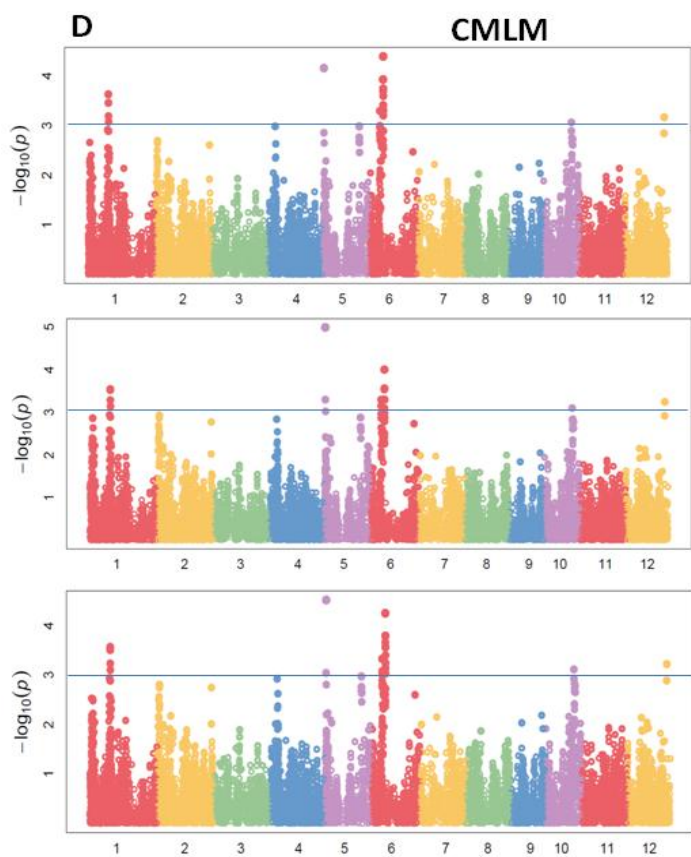
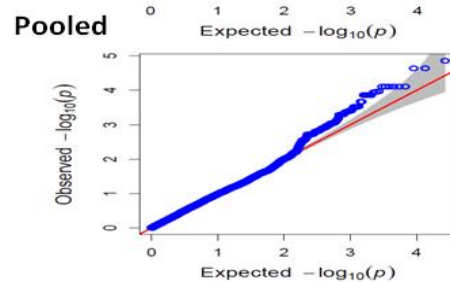
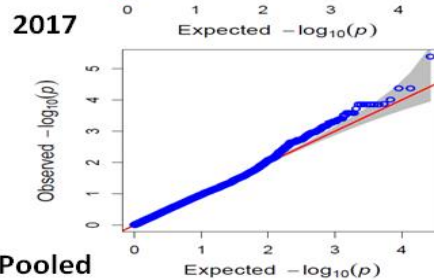
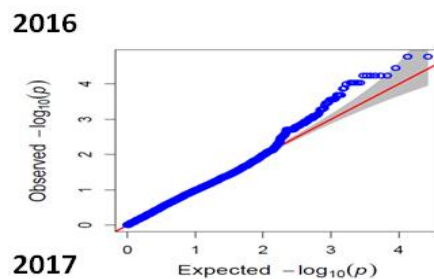
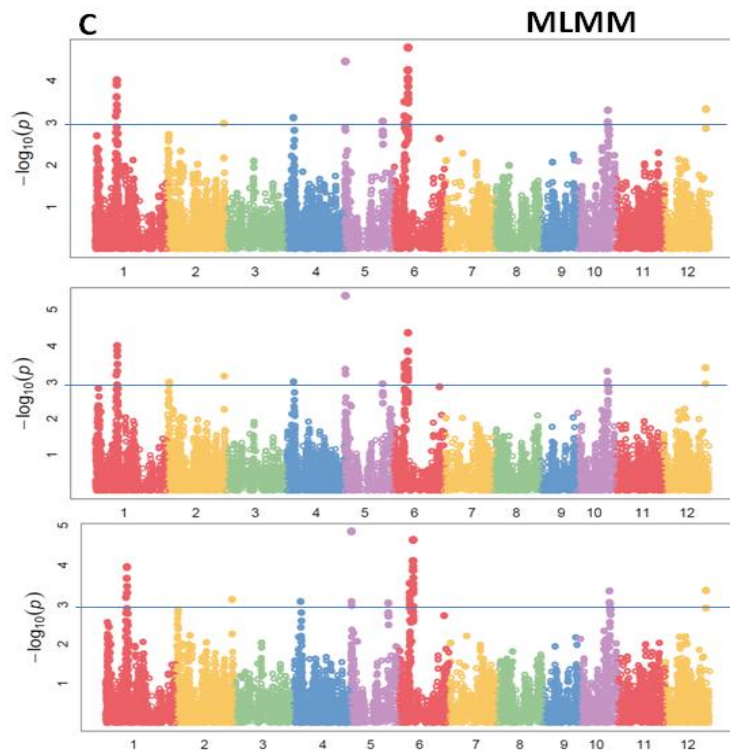
## Supplementary Figures

**Supplementary Figure S1: Graphic representation of physical locations of the common SNPs for BPH resistance identified using single and multi locus models on all chromosomes**



**Supplementary Figure S2: Manhattan plots and Quantile-quantile (QQ) plots of different models for the two test years and across years**





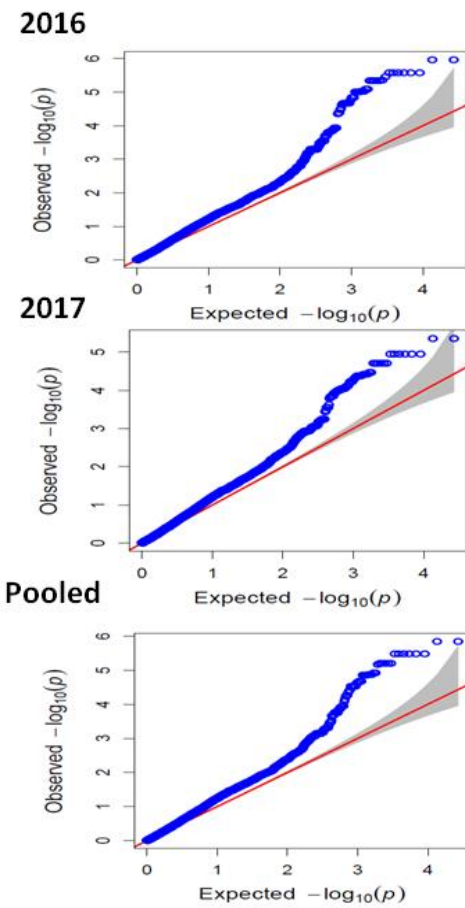
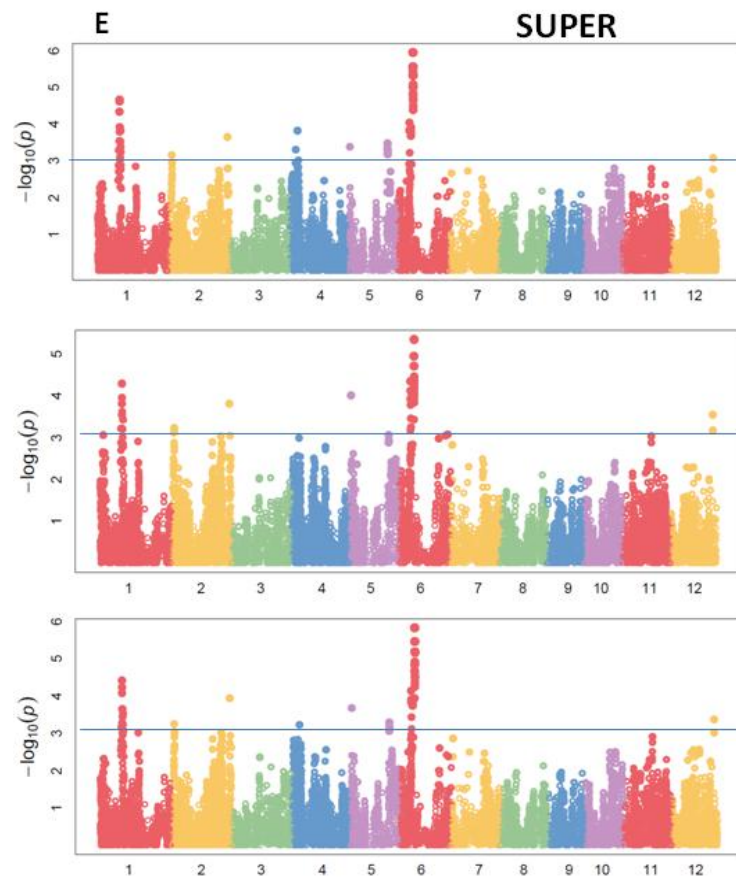


Figure S2 A) GLM  
 Figure S2 B) MLM  
 Figure S2 C) MLMM  
 Figure S2 D) CMLM  
 Figure S2 E) SUPER