



Figure S4 Resistant parent haplotype enrichment among Cry3Bb1 treated F₂s. **(A)** Map of resistance locus on LG8. **(B)** Enrichment of haplotypes contributed by Cry3Bb1 resistant parent in the resistance region on LG8 among F₂ survivors of Cry3Bb1. Each horizontal bar represent the genotype of a single F₂ individual. Only F₂-informative markers are plotted to ensure correct haplotype phasing. Cry3Bb1 selected F₂s show enrichment for the resistant parent haplotype (red), while all control F₂s segregate near the expected 1:2:1 ratio among the resistant parent (red), heterozygote (purple), and susceptible parent (blue) genotypes. Data are missing for the left portion of Family 11 and 37 because the mapping parents lacked F₂-informative markers in this region.