



S4 Fig. Disease response of two novel APR alleles generated using EMS mutagenesis.

(A) *Hm1^{B73}* plants were resistant at all stages of plant development. Two novel APR alleles, *Hm1-3* (B) and *Hm1-4* (C), generated by targeted EMS mutagenesis were susceptible as seedlings (week-3) and became resistant to CCR1 at week-7. A novel null allele, *hm1-5* (D) remained susceptible throughout the age of the plant.