



S5 Fig. Overlapping primers to amplify *Hm1*^{B73} from novel *Hm1* mutants.

Four primer pairs that preferentially amplified overlapping sequences of the *Hm1*^{B73} allele over the *hm1*^{Pr} allele from heterozygous M₁ plants generated using the targeted EMS mutagenesis screen. Grey boxes represent the exons while the black lines between the exons represent the introns. Different primer pairs used to amplify *Hm1*^{B73} are marked using different colors with the amplicon size listed above each fragment.