

Supplementary Figure S1

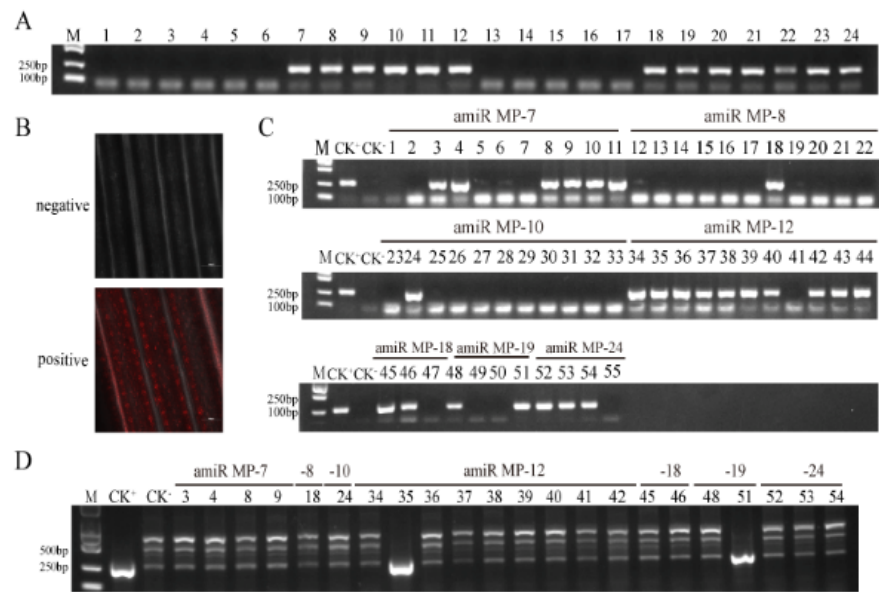


Figure S1 Selection of positive marker-free transgenic plants.

A PCR detection confirming successful transformation of amiR MP in *Oryza sativa* L. var. Zhegeng-88.

B Confocal microscope observation of red fluorescence (positive) or no red fluorescence (negative) in

leaves of T₁ transgenic plants. **C** PCR detection of amiR MP in the RFP-free transgenic plants. CK⁺, the

plasmid of 1300 pre-amiR MP was used as positive control for PCR, CK⁻, the DNA of Wild type

(Zhegeng-88) plants was used as the negative control. No bands were obtained from the wild type plants,

demonstrating the specificity of the primers. **D** PCR detection of marker gene RFP to confirm that the

positive amiR MP transformed plants were without the selective marker.