



Figure S1. Screening and identification of the T₁ and T₂ transgenic lines.

(a) Relative expression of *BrCHR39* gene in T₁ transgenic plants. (b) Screening of T₁ transgenic plants at DNA level. Marker, 2000 bp. (c) Relative expression of *BrCHR39* gene in selected T₂ transgenic plants. (d) Screening of T₂ transgenic plants at DNA level. Marker, 2000 bp; All values are presented as the means of three replicates \pm standard deviation (SD). Significant differences are determined by Student's *t*-test (** $p < 0.01$; *** $p < 0.001$).