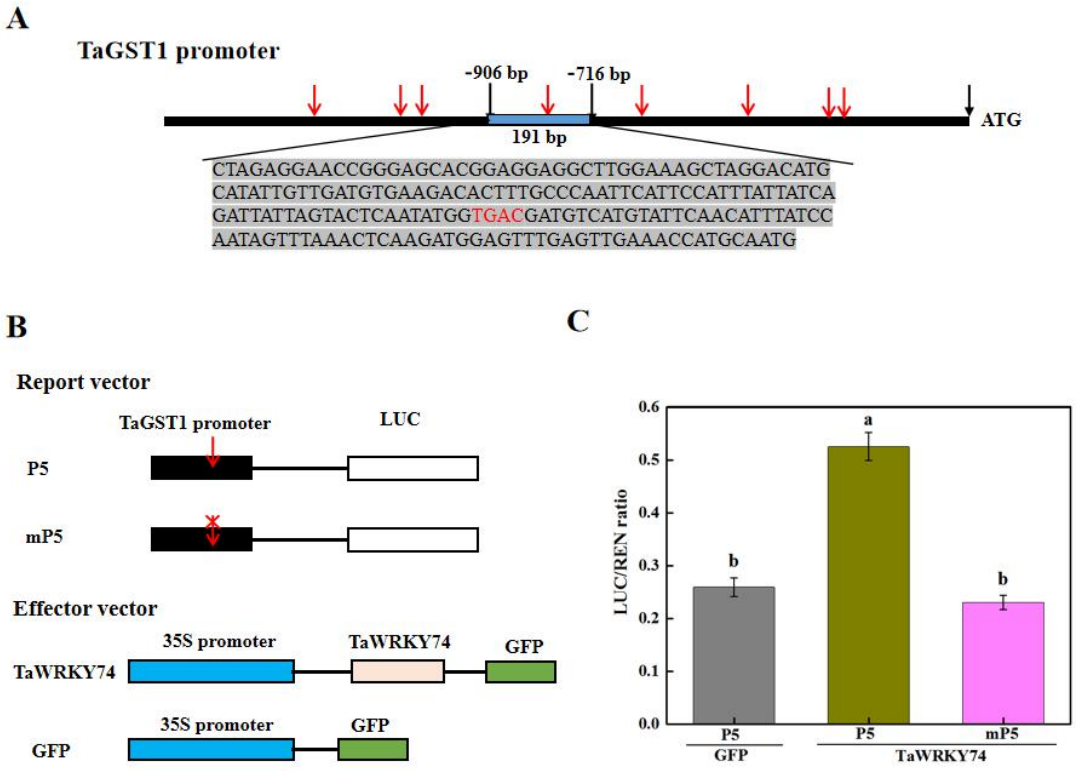

Fig. 3 Transient assay analysis of the interaction between TaWRKY74 and the *TaGST1* promoter. A, Sequences of *TaGST1* promoter. B, Vector constructions of transient expression assay. The normal and mutant W-boxes of P5 (-716 bp ~ -906 bp) fragments in *TaGST1* promoter were inserted into the reporter vector pGreenII0800-LUC, which carries both LUC and REN ORFs (Hellens et al., 2005), and TaWRKY74 was cloned into the effector vector (pCambia1300); LUC, Firefly luciferase activity; REN, Renilla luciferase activity (control). Red arrows and cross, which were labelled in the promoter of *TaGST1*, represent W-box elements or mutant W-box element, respectively. C, Ratios of LUC to REN in normal or mutant W-box in P5 fragments, respectively. Data are shown as means ± SD of three biological replicates. Different letters represent significant difference at $P < 0.05$.