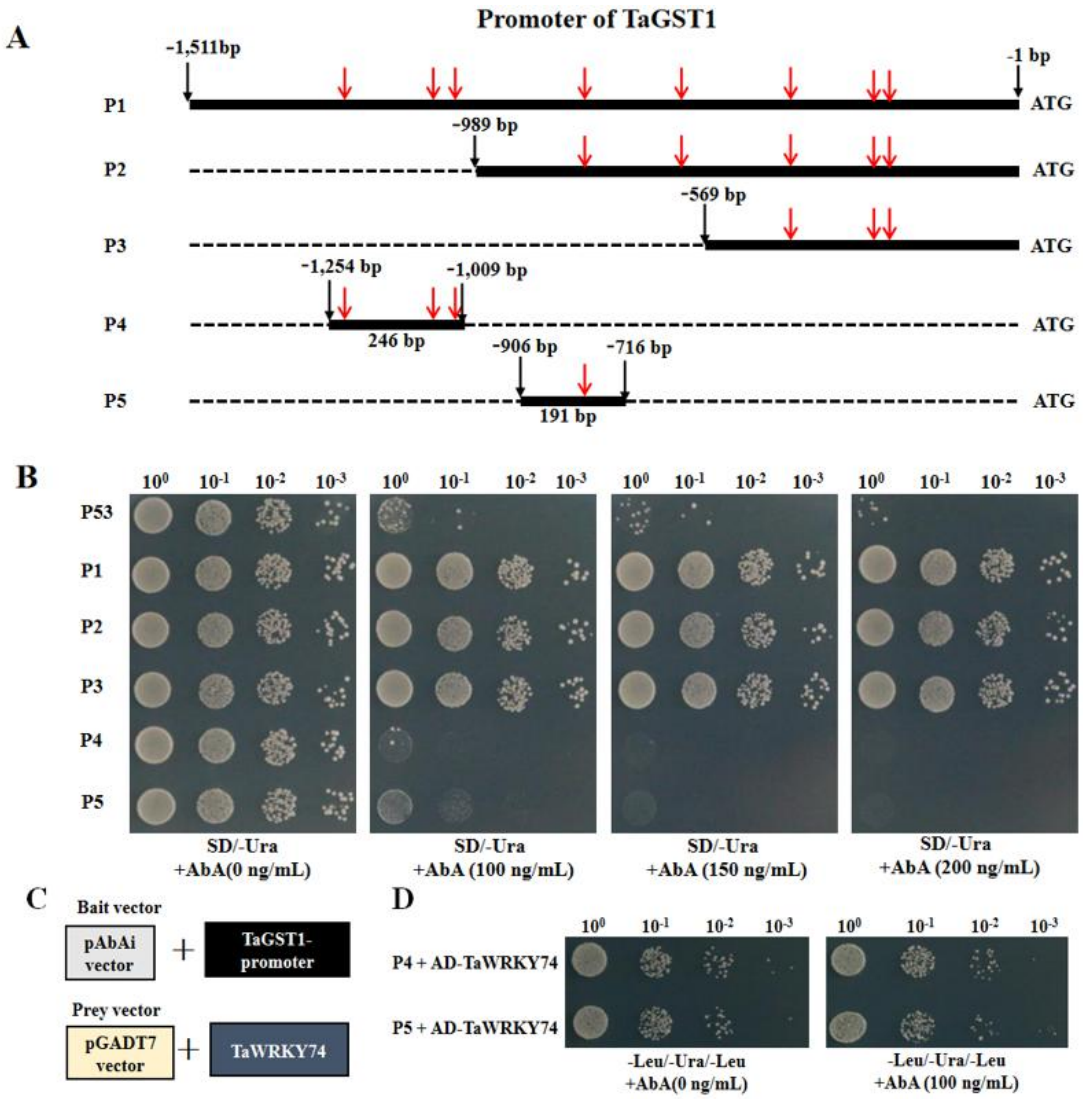

Fig. 2 Y1H assays between TaWRKY74 and *TaGST1* promoter. A, The different fragments of *TaGST1* promoter. Red arrows represent the TaWRKY74 *cis*-acting element [(T/C)TGAC(T/C)], which contains P1-P5 (P1, 1,511 bp; P2, 989 bp; P3, 569 bp; P4, 246 bp; P5, 191 bp) in the upstream regions from *TaGST1* start codon (ATG), respectively. B, Self-activation assay of *TaGST1* promoter. The five different fragments P1 (-1,511 bp ~ -1 bp), P2 (-989 bp ~ -1 bp), P3 (-569 bp ~ -1 bp), P4 (-1,009 bp ~ -1,254 bp), and P5 (-716 bp ~ -906 bp) of *TaGST1* promoter region, which were divided according to W-boxes in Fig.2A, were separately transformed into yeast cells and grown on media selecting for plasmids (SD/-Ura), supplemented with 100, 150, and 200 ng/mL AbA, for 3 days at 30 °C, respectively. C, The TaWRKY74 prey vector and *TaGST1* promoter bait vector. D, Y1H assay of TaWRKY74 and *TaGST1* promoter. The two promoter fragments P4 (-1,009 bp ~ -1,254 bp) and P5 (-716 bp ~ -906 bp) of TaGST1 promoter region, whose self-activations have been inhibited by AbA in Fig. 2B, were separately combined with TaWRKY74 via Y1H Gold. Yeast cells were grown in liquid media selecting for plasmids (SD/-Ura/-Leu) to an OD_{600} of 0.1 (10-fold) and diluted in a 10 × dilution series (from 10^0 to 10^{-2}). From each dilution 5 μL was spotted on media selecting for plasmids (SD/-Ura/-Leu), supplemented with 100 ng/mL AbA.