



Figure 13. Construction of pITB245 series.

The PDS promoter was amplified from tomato genomic DNA and cloned into pGEMT-Easy yielding pGEMT-Easy-PDS. The 2.1kb *BglIII-SmaI* PDS promoter from pGEMT-Easy-PDS was cloned as *BglIII-SmaI* fragment into pITB241, replacing *GluB-1* promoter to yield pITB245. The *BamHI-BamHI* fragment containing "T7 promoter:*uidA*:T7 terminator" cassette from pET14b-GUS(B) was cloned into *BglIII* site of pITB245 to yield pITB245G1 (same direction with reference to ferritin gene), pITB245G2 (opposite direction with reference to ferritin gene) and pITB245G3 (two copy of cassettes).