



Supplemental Fig 6. Genomic insertion of *GSS1* (A) and *GSS2* (B).

Genomic insertion of *GSS1* and *GSS2* in transgenic silkworm lines, as revealed by inverse PCR and sequencing. The transgene integration site in *GSS1* lies in chromosome 23, between two genes KAIKOGA026485 and KAIKOGA026486. The transgene integration site in *GSS2* lies in chromosome 11, between BMgn011916 and BMgn011917. Chromosome localization and partial genomic DNA sequences between the *Sau3AI* site and the 3' or the 5' insert boundaries of the vector are shown. In all insertions, the TTAA insertion site found in canonical *piggyBac* insertions was found at the 3' and 5' insert boundary.