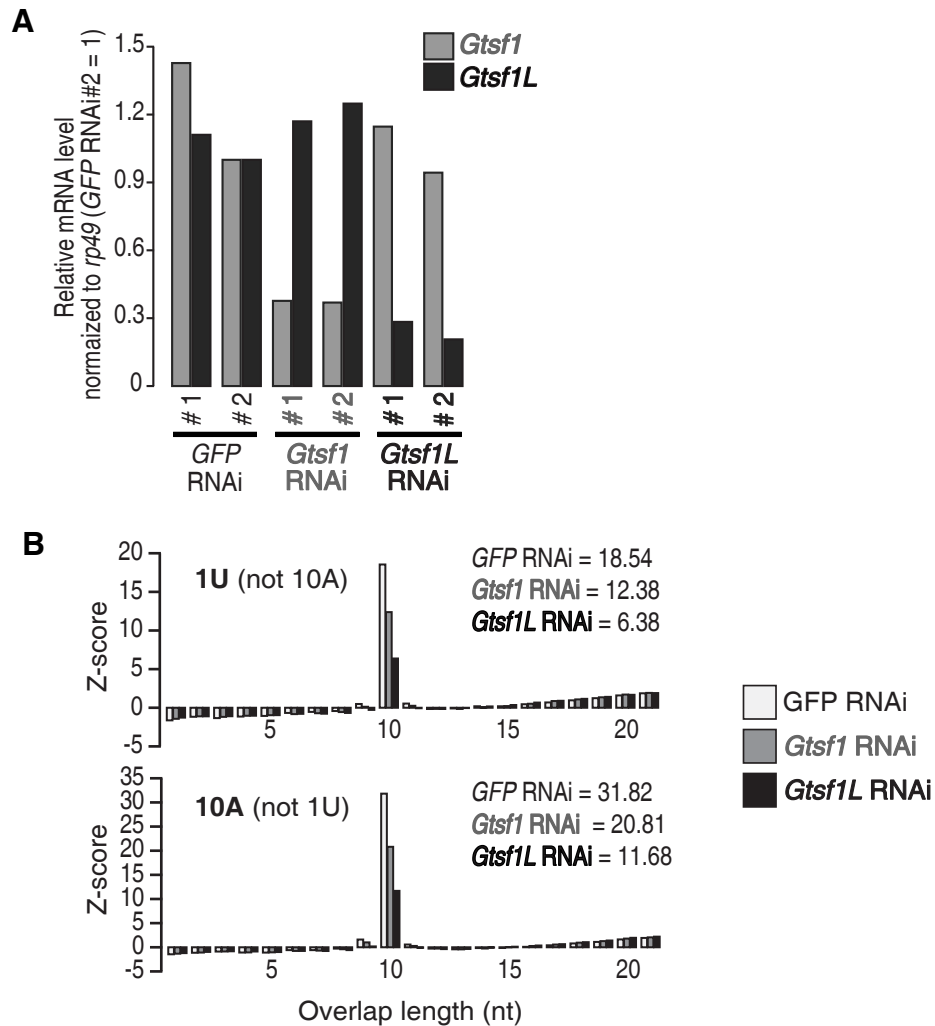




Supplemental Figure 4. *Gtsf1*- and *Gtsf1L*-knockdown in silkworm embryos.

(A) Quantitative real-time PCR analysis of the expression of *Gtsf1* and *Gtsf1L* in siRNA-injected embryos. The embryos were analyzed 120 hours post-injection. *GFP* siRNA was used as a control and the values were normalized to that of *rp49*. *Gtsf1* and *Gtsf1L* mRNAs were specifically decreased by each siRNA.

(B) The Z-scores of 5'-5' overlapped piRNAs (y-axis) at the indicated length (x-axis) for 1U not 10A (upper) and 10A not 1U (lower) piRNAs in the small RNA libraries from embryos injected with the indicated siRNAs. The Z-scores at the 10 nt overlap (ping-pong signature) are shown in the top-right of the graphs.