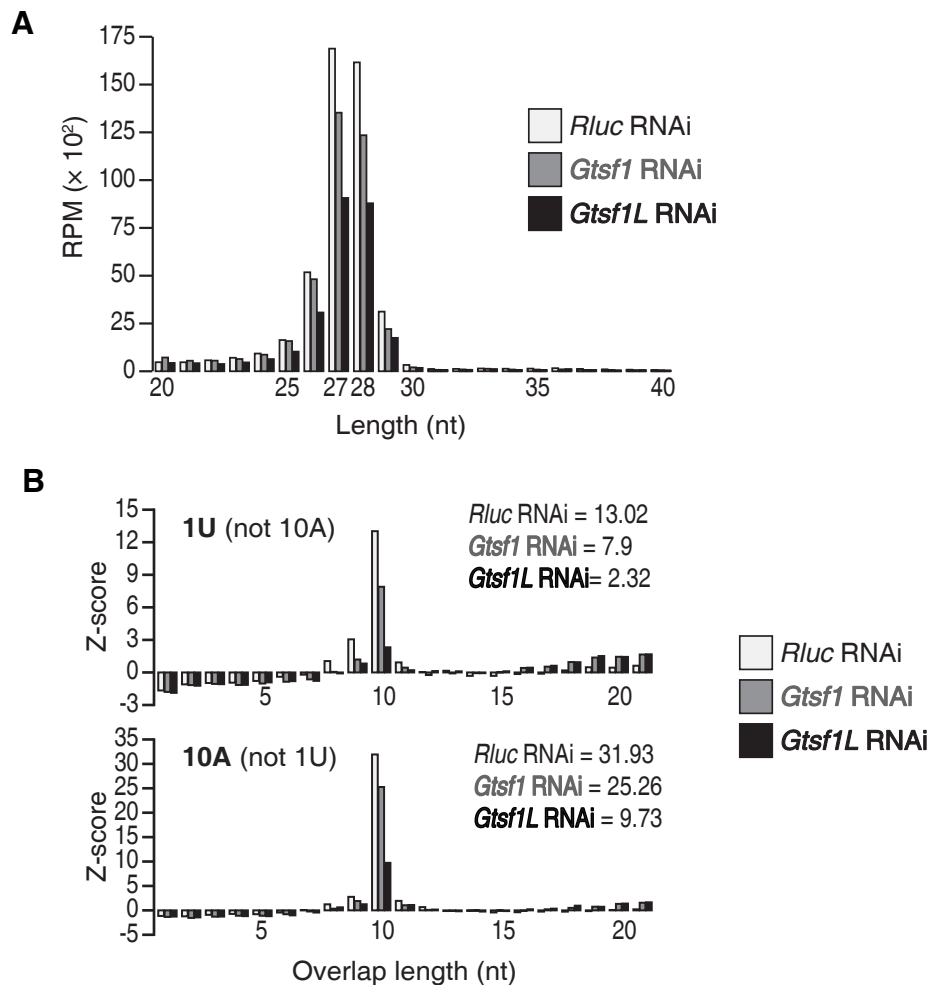




Supplemental Figure 3. Knockdown of *Gtsf1* or *Gtsf1L* decreases piRNA levels without affecting their length.

(A) Length distribution of total piRNAs in *Gtsf1* or *Gtsf1L* knockdown. Both *Gtsf1* and *Gtsf1L* knockdown modestly decrease mature piRNA levels.

(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 BmN4 cells transfected with the indicated dsRNAs. The Z-scores at the 10 nt overlap (ping-pong signature) are shown in the top-right of the graphs.