

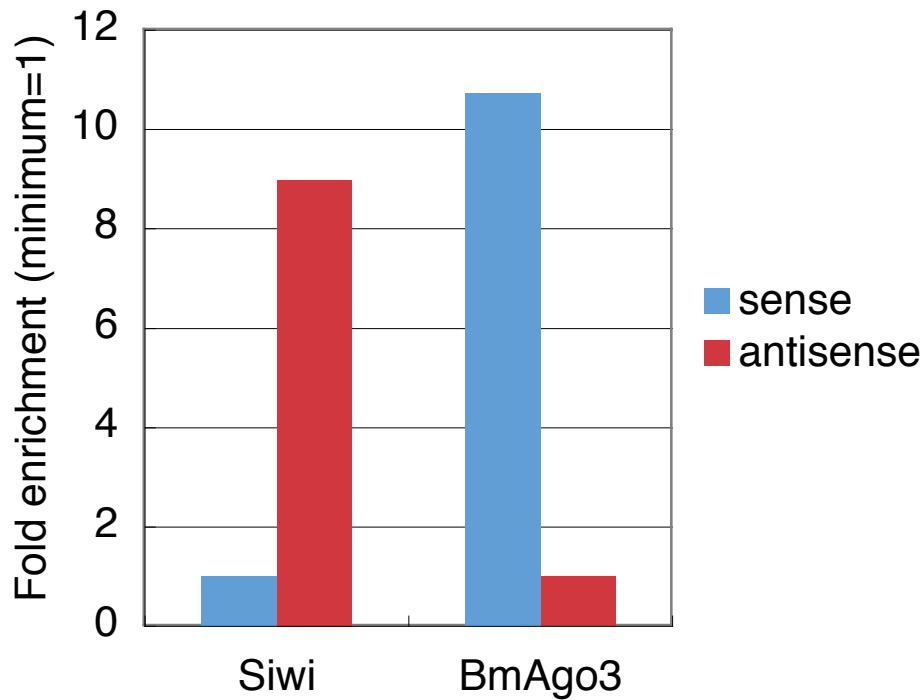


Fig. S4. Preferential binding of Siwi and BmAgo3 to antisense and sense GFP piRNAs, respectively, related to Fig. 4

Lysates from #8 line stably expressing Flag-Siwi or Flag-BmAgo3 were subjected to immunoprecipitation with anti-Flag antibody. Associated RNAs were extracted from beads, poly(A)-tailed and reverse transcribed. Expression levels of sense and antisense GFP piRNAs were quantified by using piRNA-specific primers. Percent inputs were calculated, and normalized to that of *let-7* microRNA, which served as an internal control. The melting curve and sequencing analyses confirmed that longer piRNA precursor transcripts were not detected in this experimental condition.