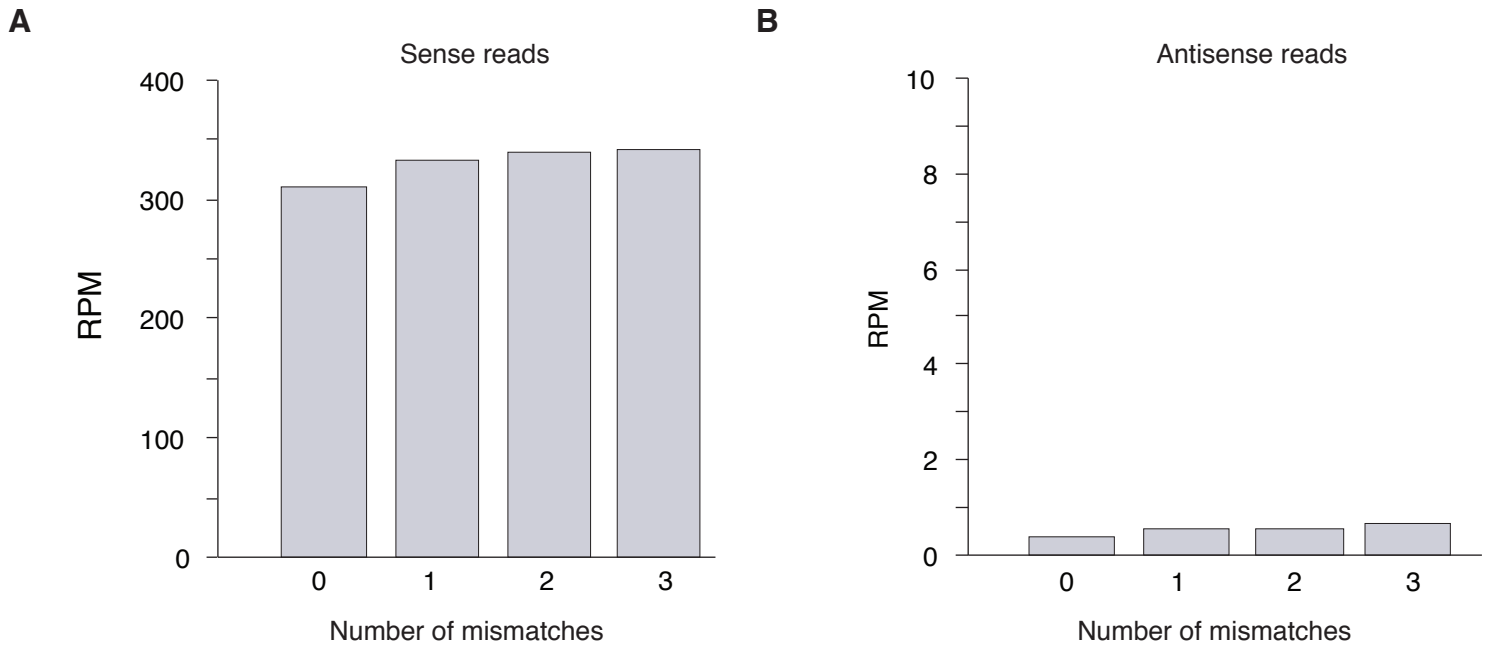


Rogers et al. Supplementary Figure 2



Supplemental Figure 2. Recruitment of Piwi to the reporter triggers production of piRNAs in sense orientation.

A) Tethering of λ N-Piwi to the reporter results in piRNA-sized (25-28nt) reads in the sense orientation. Shown are RPMs of small RNA from 19-30nt total ovarian RNA calculated for 25-28nt reads mapping to the reporter in sense orientation, allowing 0, 1, 2, or 3 mismatches, normalized to total 25-28nt reads mapping to the DM3 genome. **B)** Tethering of λ N-Piwi to the reporter does not result in piRNA-sized (25-28nt) reads in the antisense orientation. Shown are RPMs of small RNA from 19-30nt total ovarian RNA calculated for 25-28nt reads mapping to the reporter in antisense orientation, allowing 0, 1, 2, or 3 mismatches, normalized to total 25-28nt reads mapping to the DM3 genome.