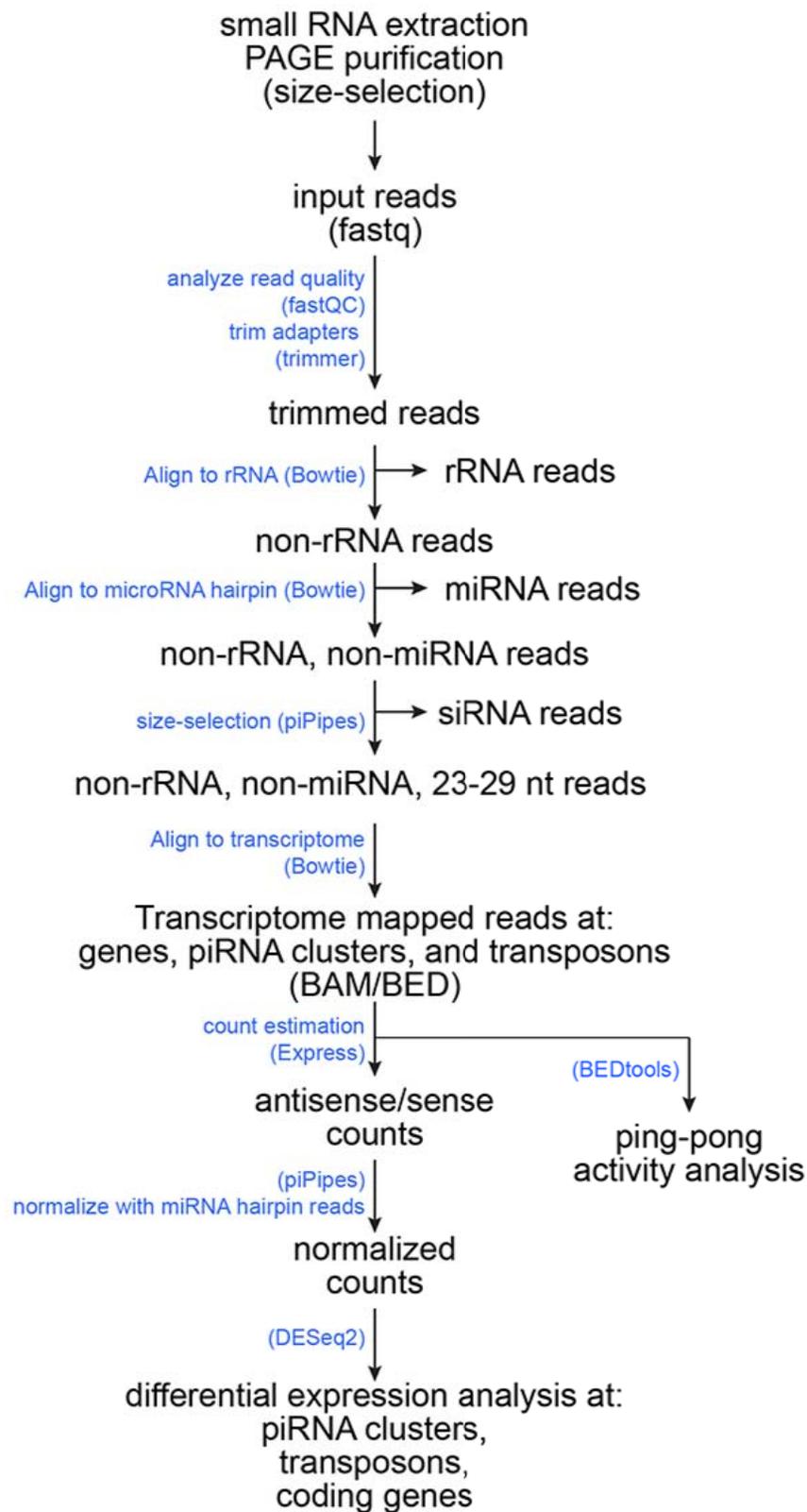
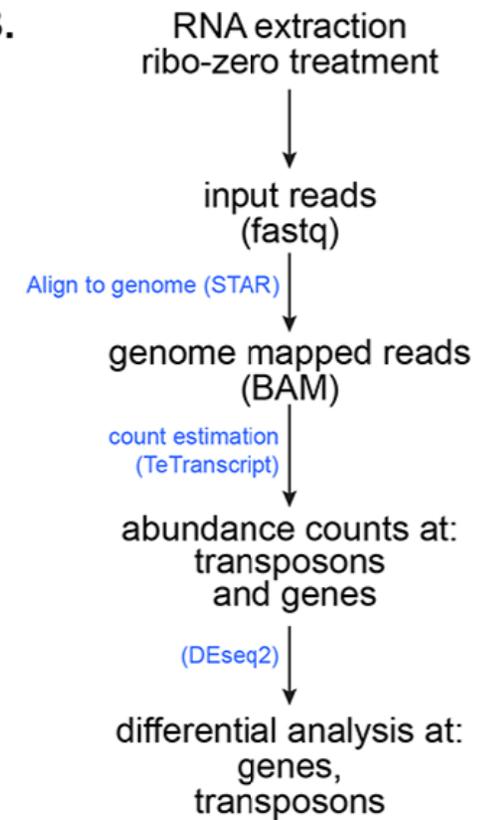
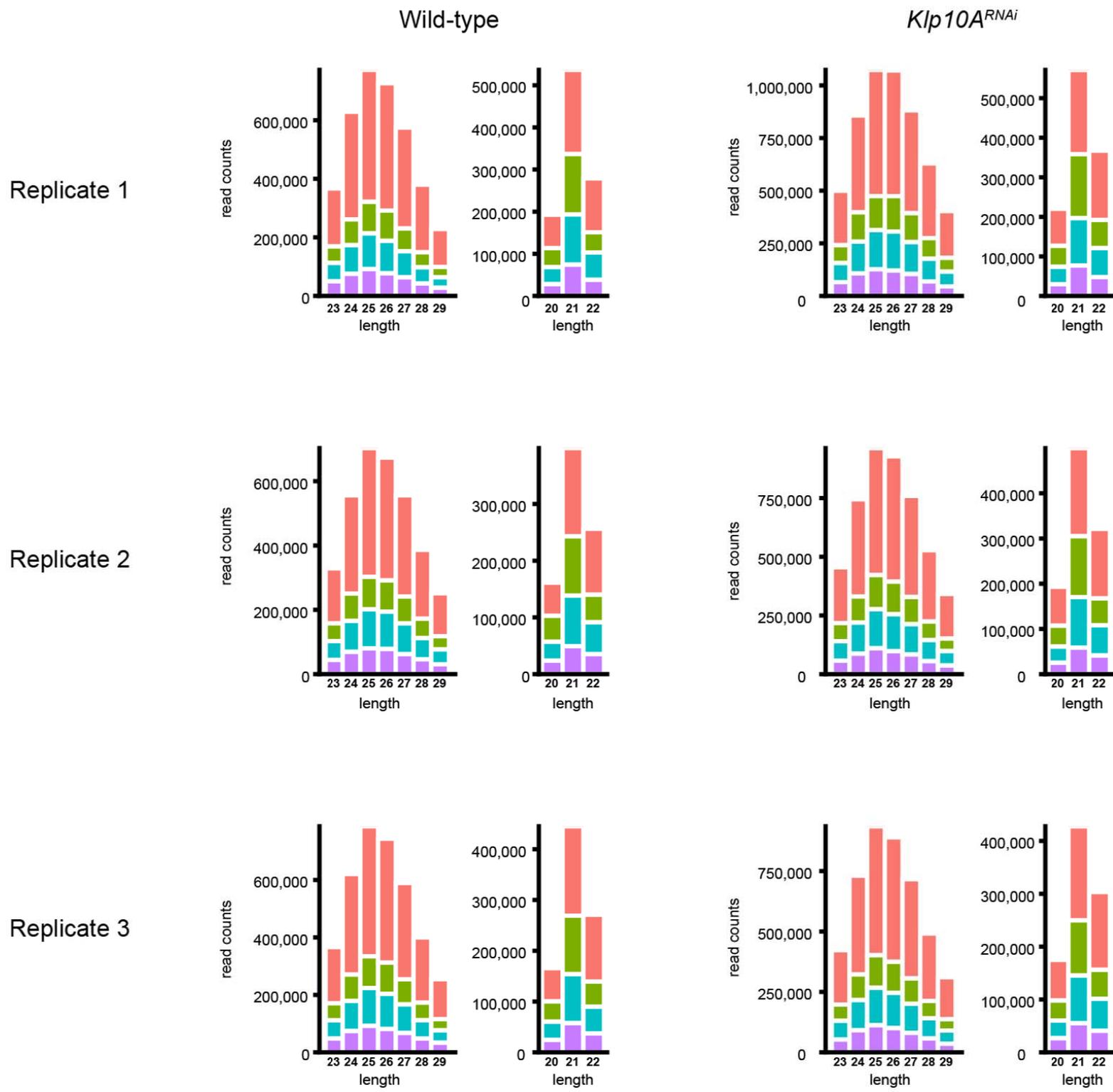
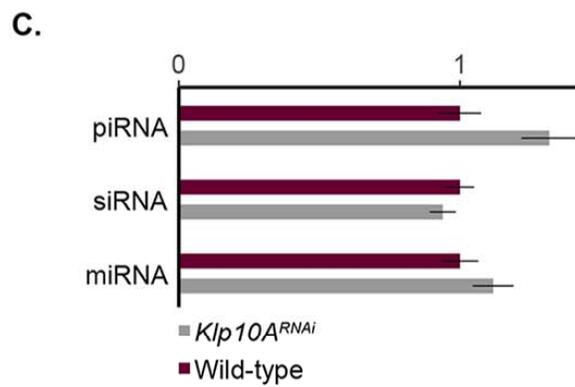
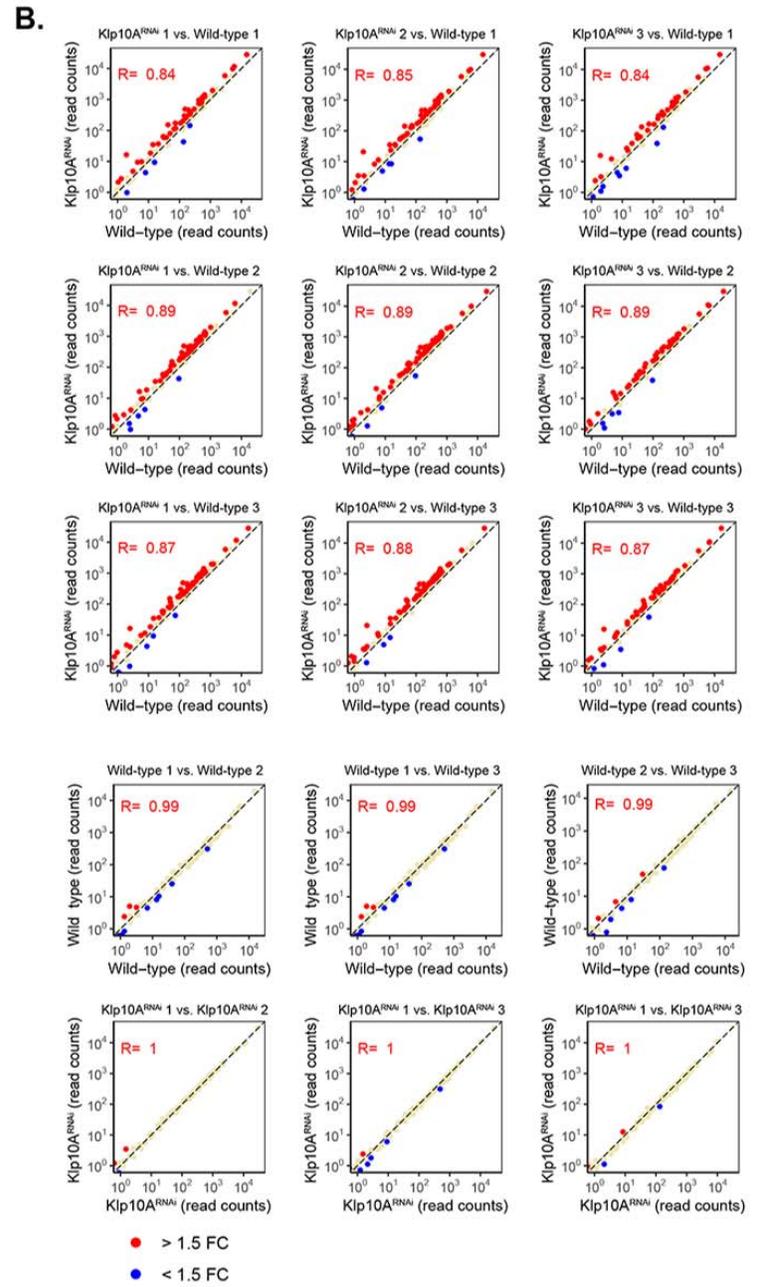
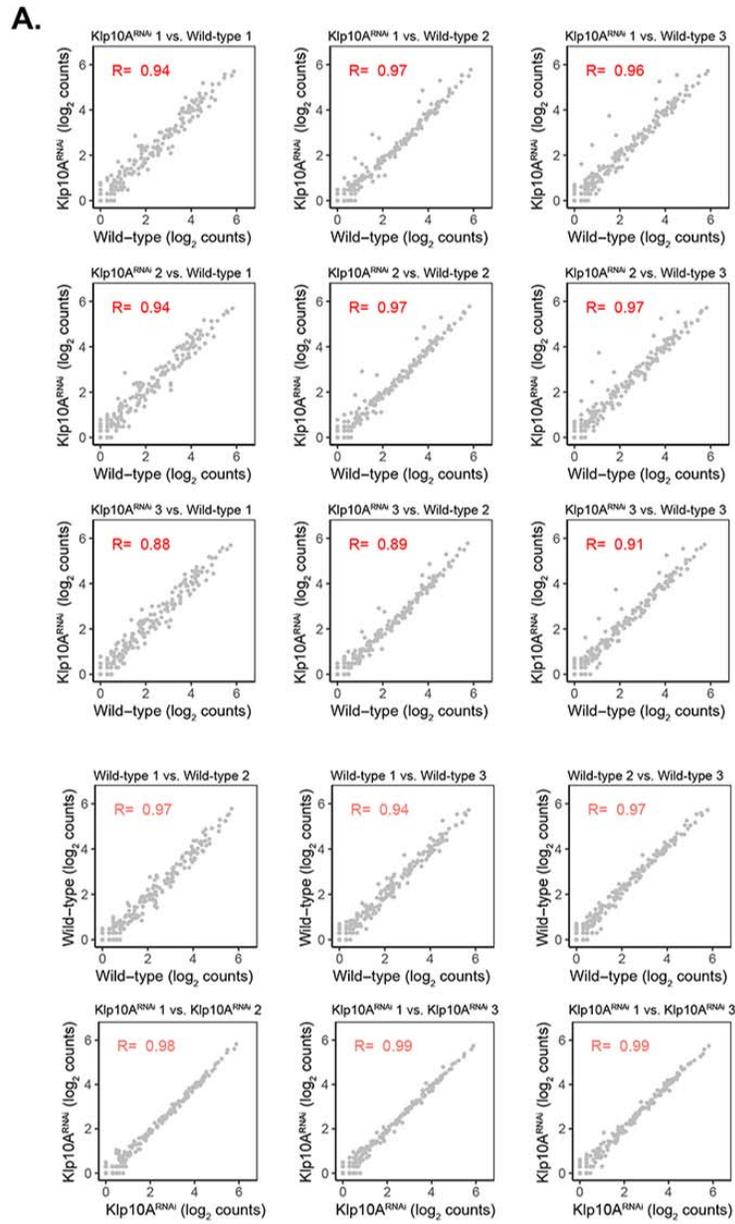


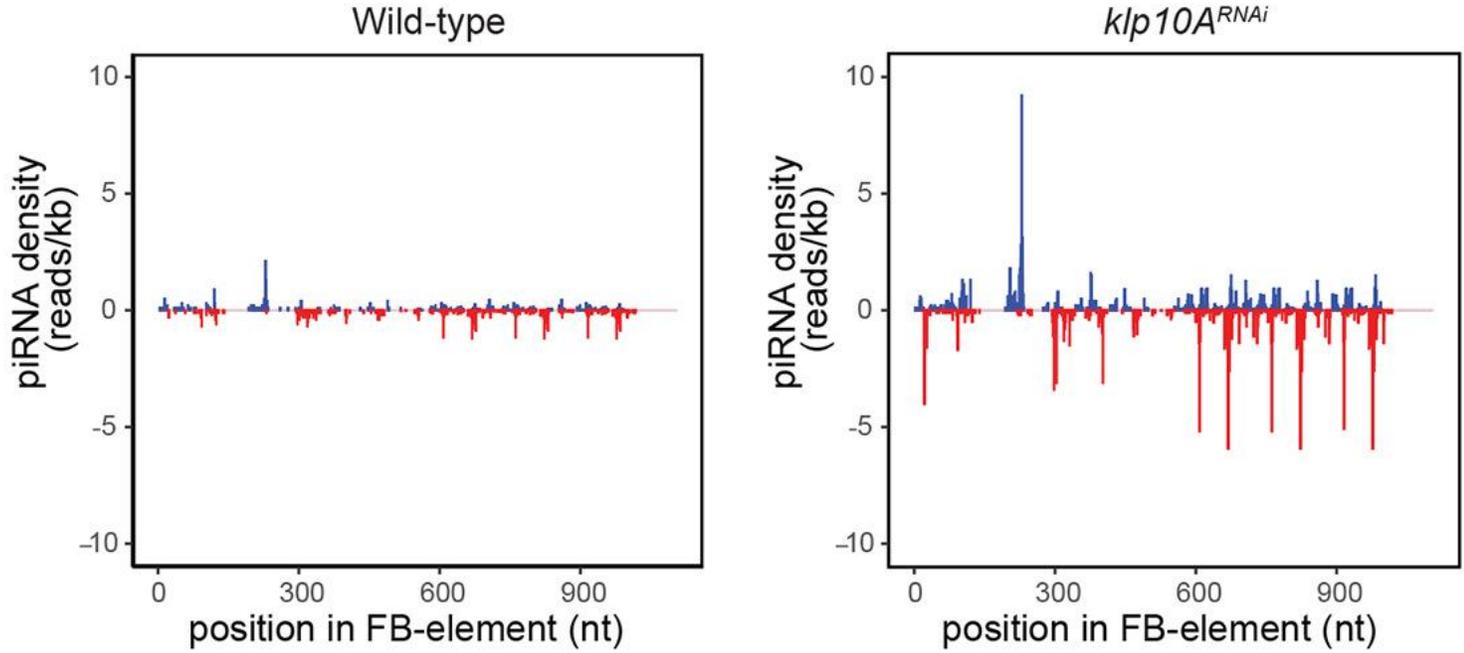
**A.****B.**



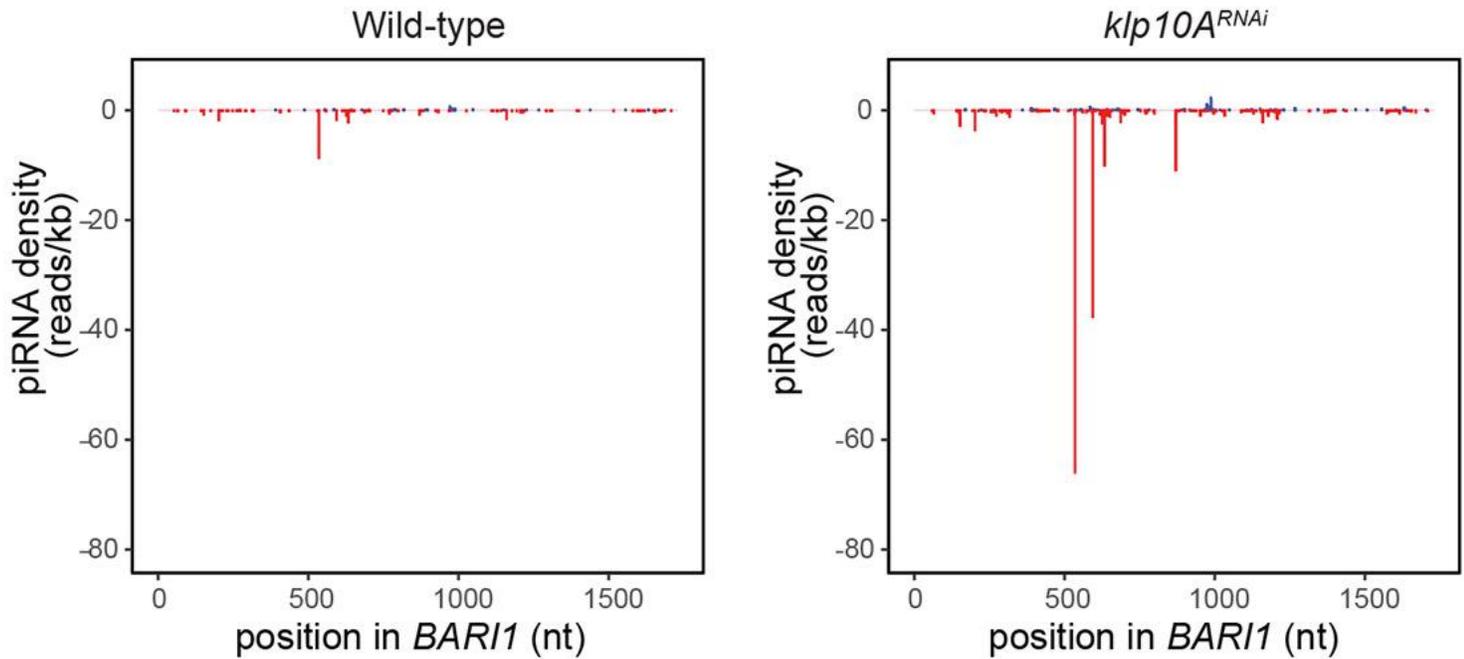


**A**

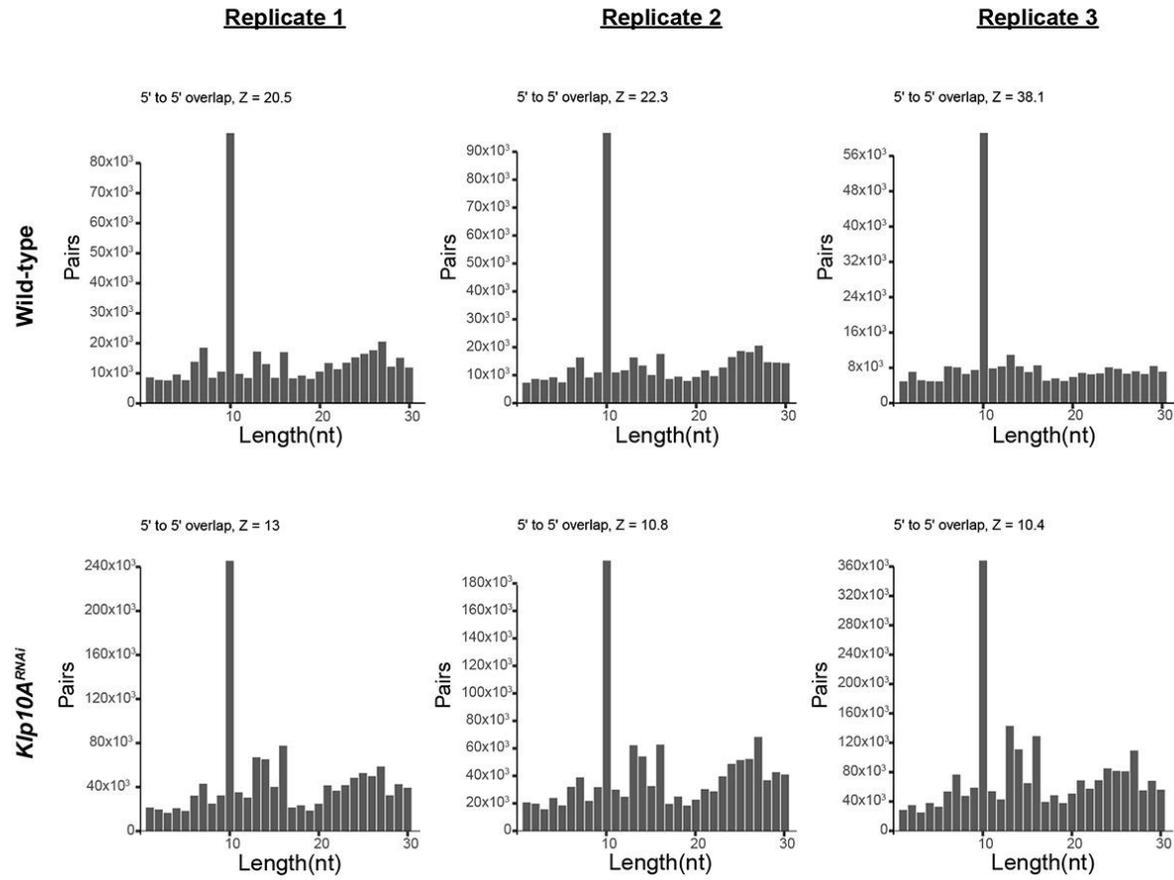
antisense and sense piRNAs  
mapping to *FB-element* transposon

**B**

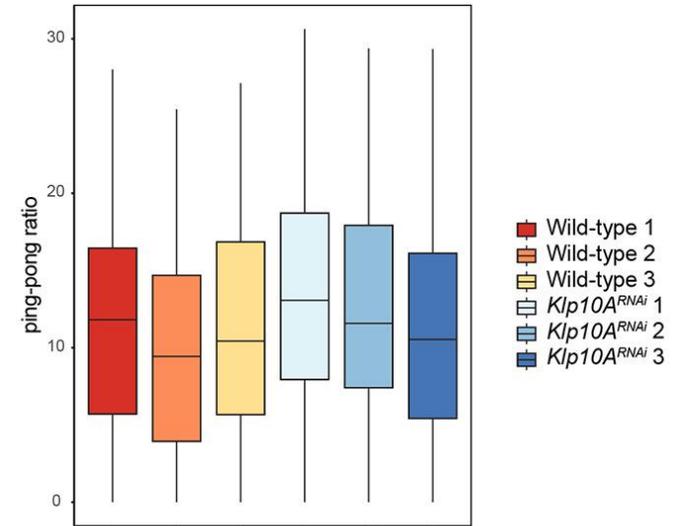
antisense and sense piRNAs  
mapping to *BAR11* transposon

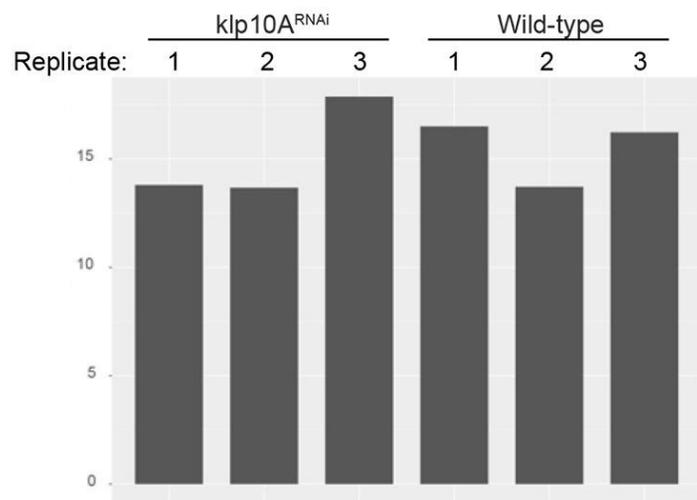
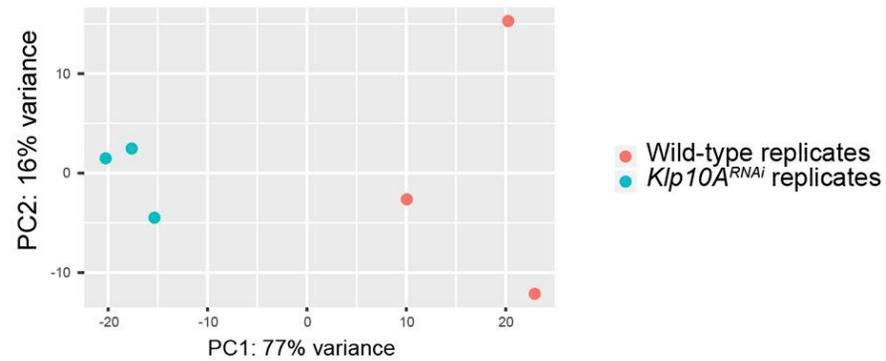
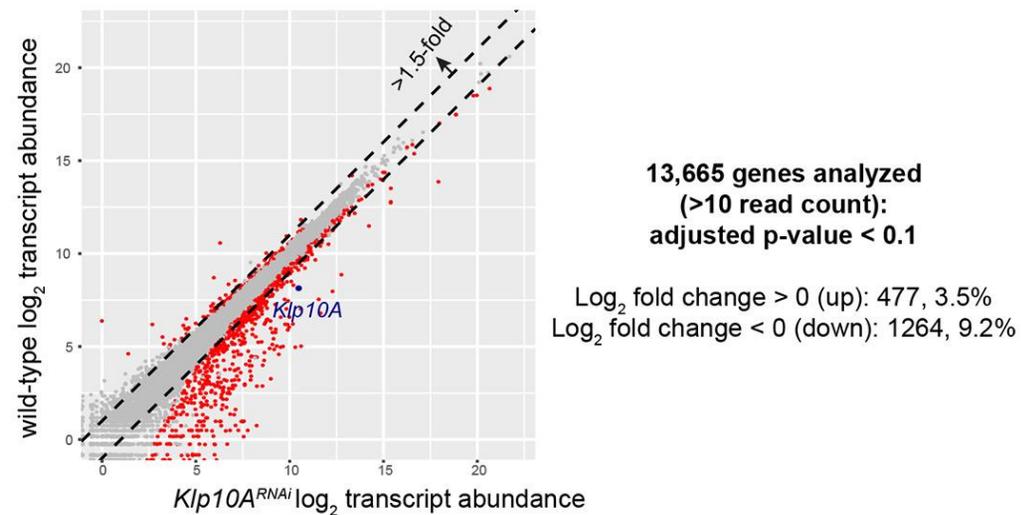


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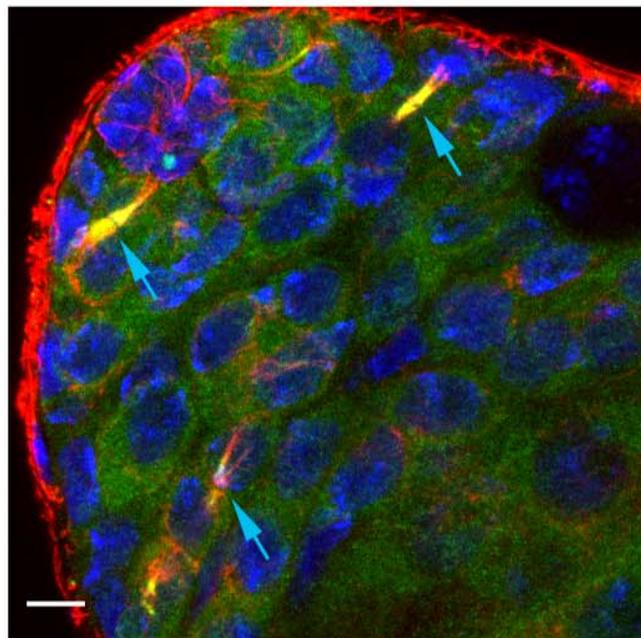


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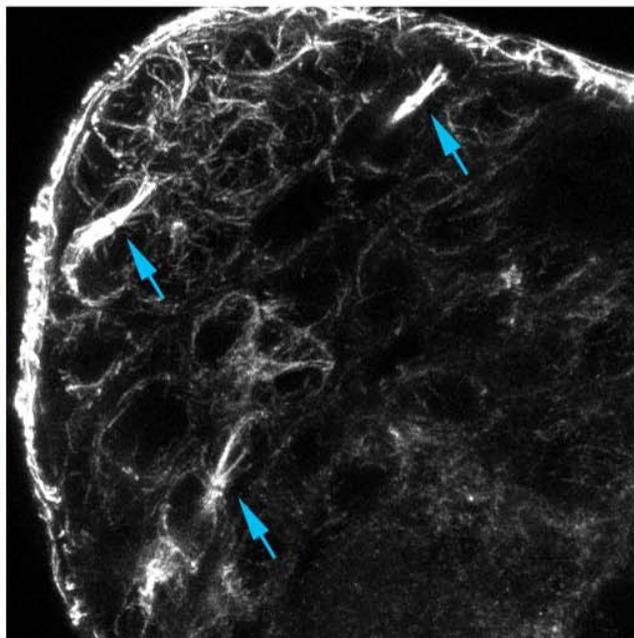


**A.****B.****C.**

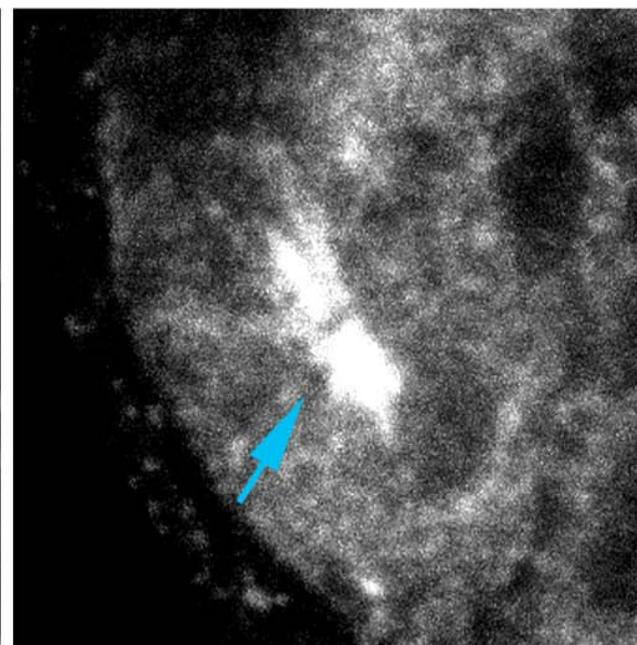
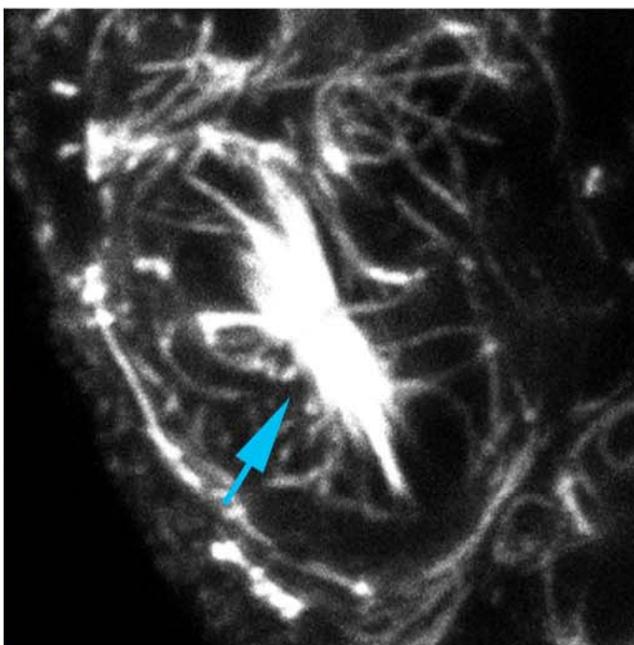
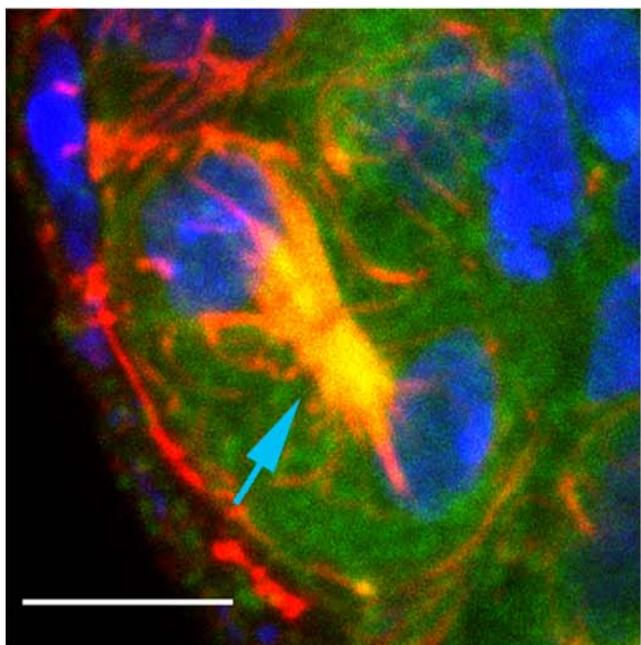
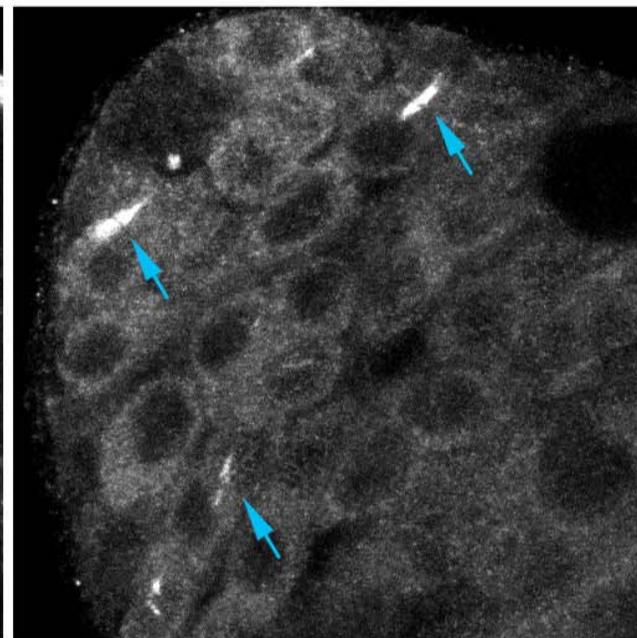
Merged + DAPI

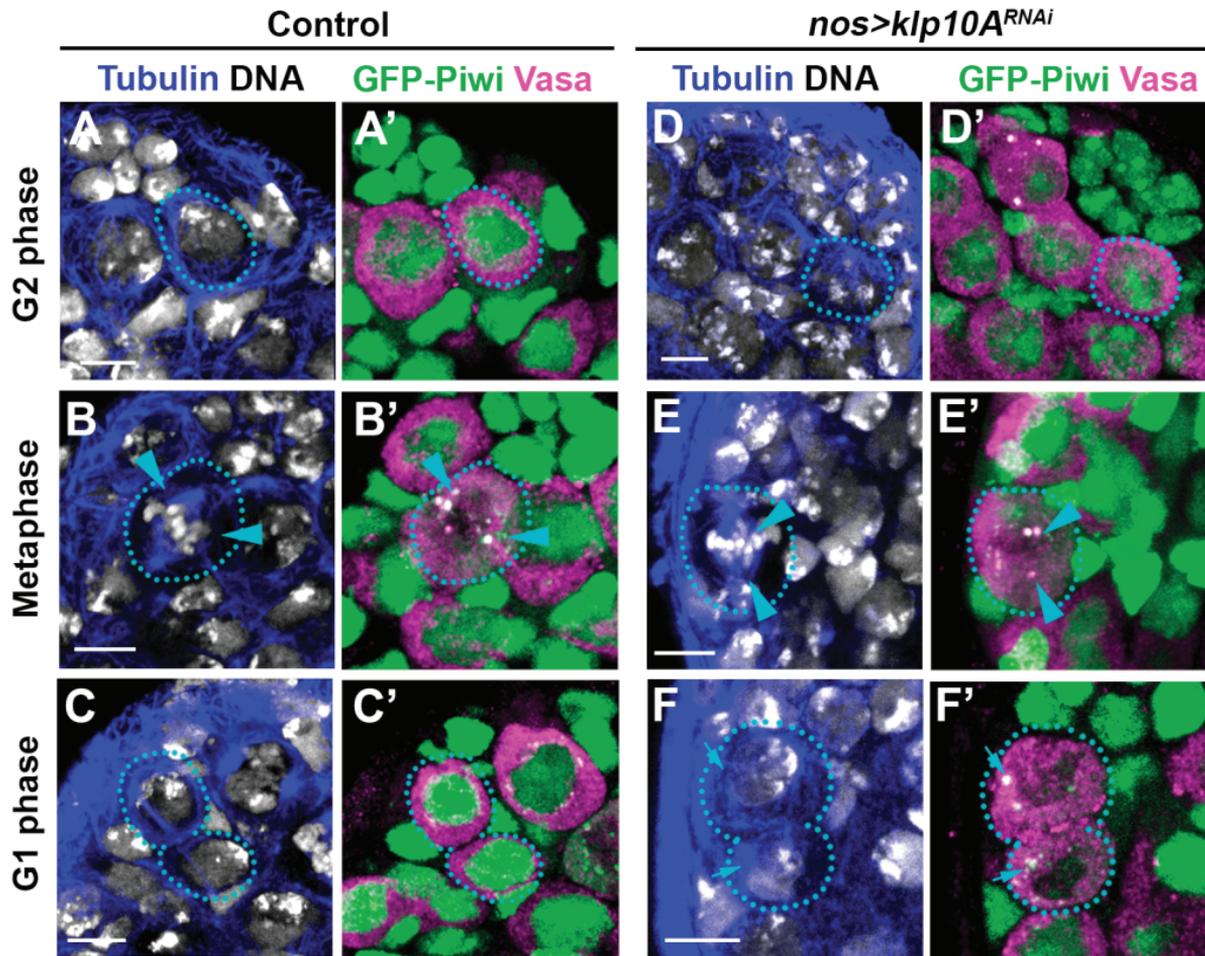


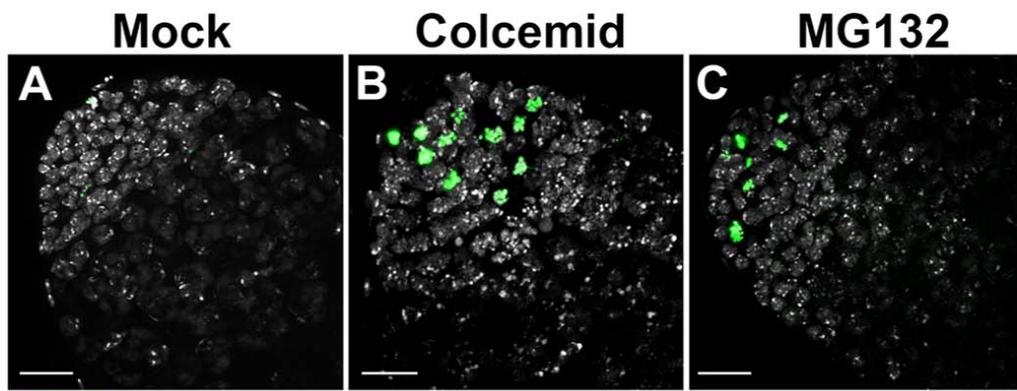
acMTs



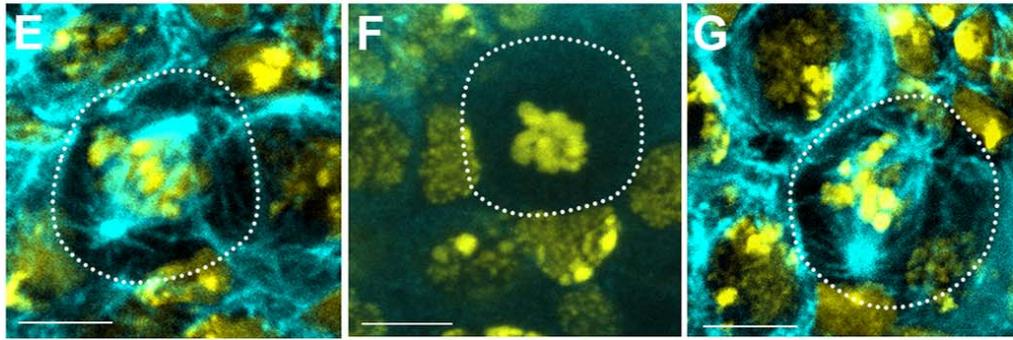
Klp10A



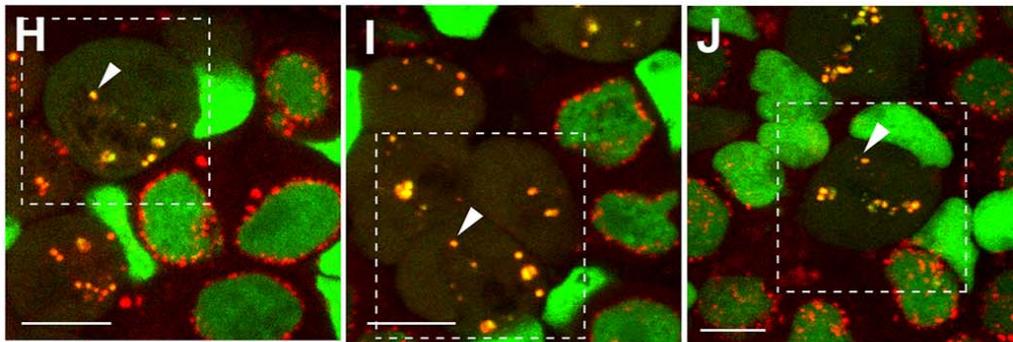




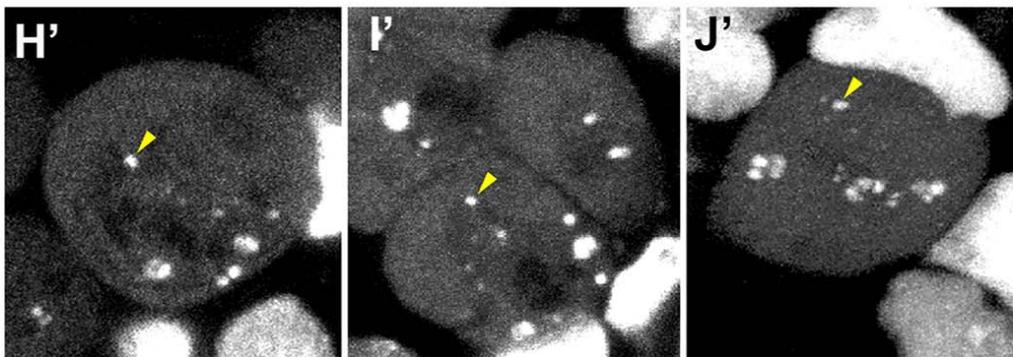
**PH3** **DAPI**



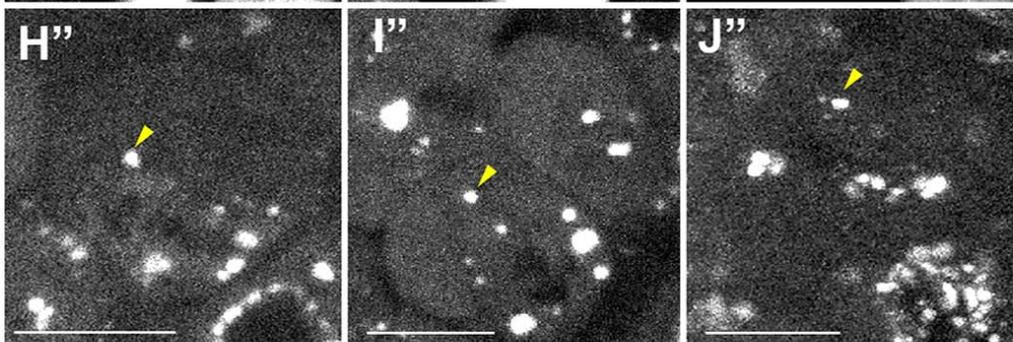
**α-Tubulin** **DAPI**



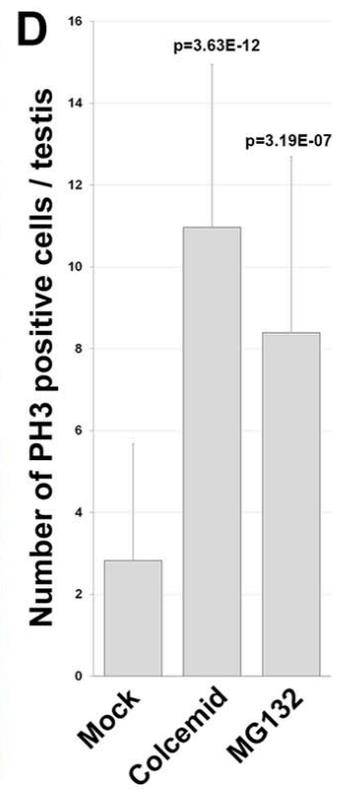
**mCherry-Vasa** **GFP-Piwi**

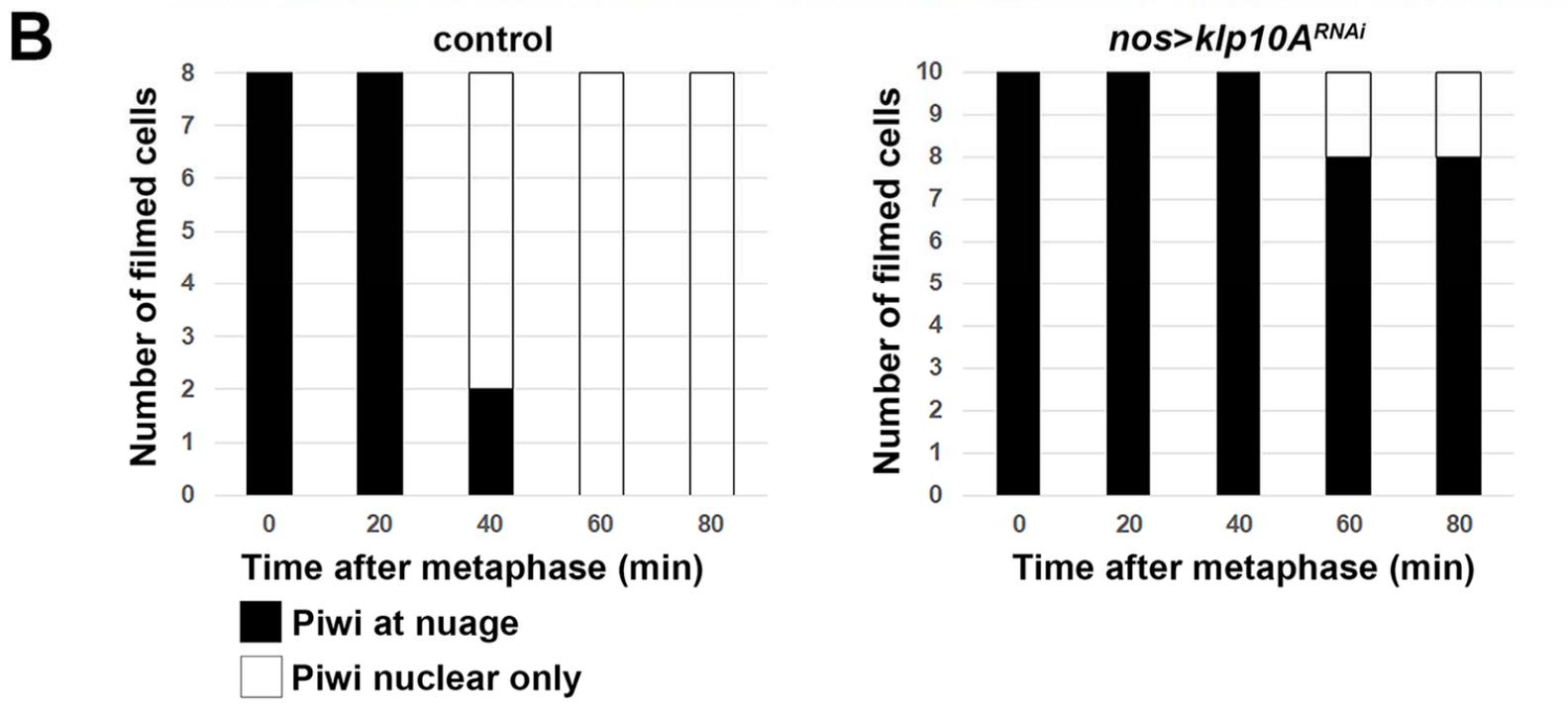
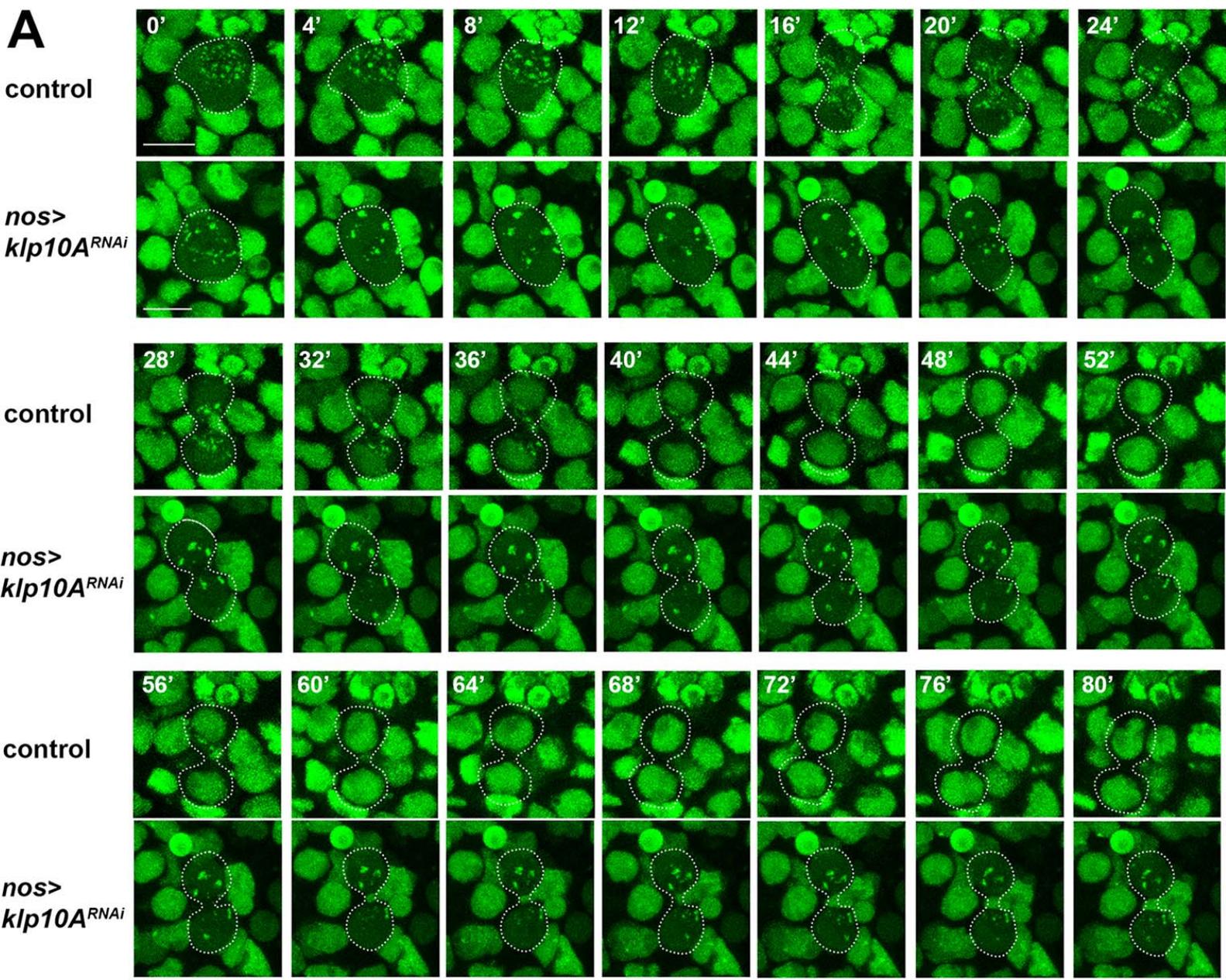


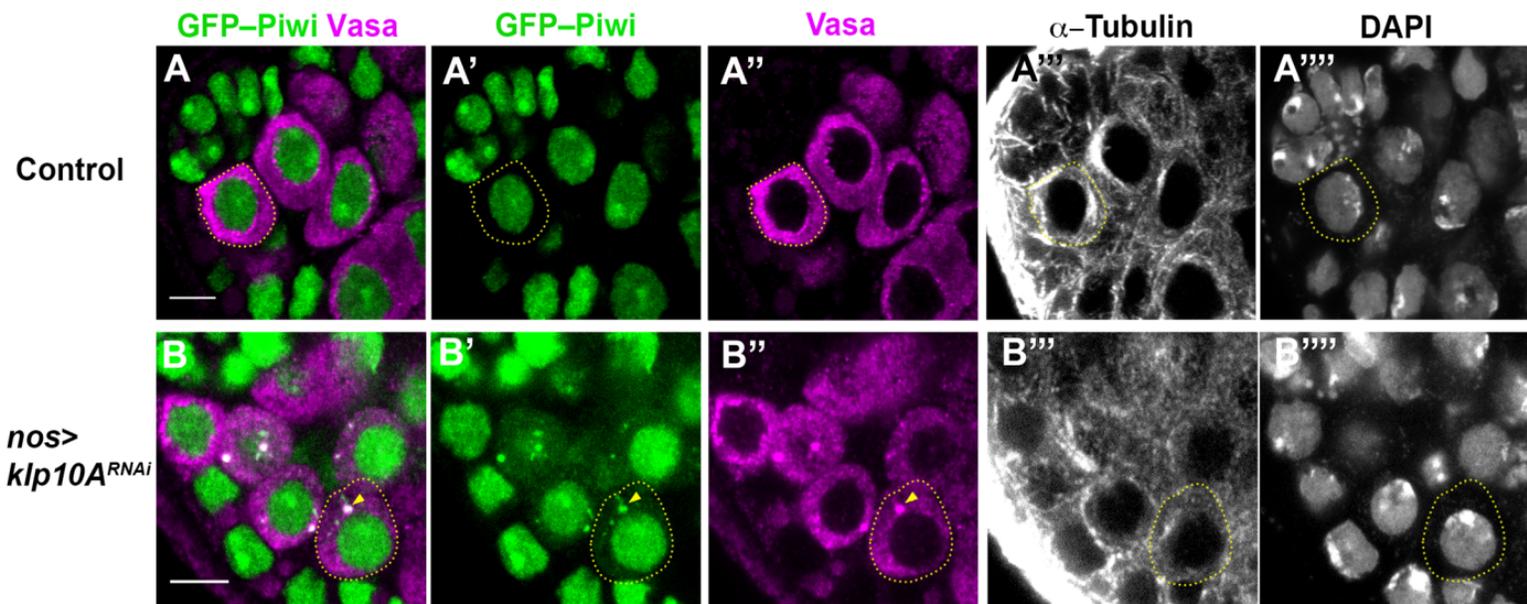
**GFP-Piwi**



**mCherry-Vasa**







**C**

	GSC and SG			SC		
	control	<i>nos&gt;klp10A<sup>RNAi</sup></i>	<i>p</i> -value	control	<i>nos&gt;klp10A<sup>RNAi</sup></i>	<i>p</i> -value
Interphase cells with cytoplasmic Piwi foci	0.36±0.95	4.36±4.44	0.0001	0±0	0±0	n/a

