

Table S2. Three Classes of piRNA Genes, Related to Figure 3

			Pre-pachytene	Hybrid	Pachytene
Median transcript abundance by locus (rpkm)	(1) 10.5 dpp		15	10	0.15
	(1) 12.5 dpp		19	17	1.9
	(1) 14.5 dpp		16	16	1.2
	(1) 17.5 dpp		12	33	17
	14.5 dpp	(3) <i>A-Myb</i> ^{+/-}	12 ± 2	22 ± 4	9 ± 2
		(3) <i>A-Myb</i> ^{-/-}	13 ± 3	13 ± 4	0.2 ± 0.1
		(1) <i>Miwi</i> ^{+/-}	12	14	0.63
		(2) <i>Miwi</i> ^{-/-}	15	13	0.38
	17.5 dpp	(3) <i>A-Myb</i> ^{+/-}	9 ± 1	31 ± 3	17 ± 6
		(3) <i>A-Myb</i> ^{-/-}	13 ± 3	16 ± 2	0.09 ± 0.06
		(1) <i>Miwi</i> ^{+/-}	14	22	8.1
		(1) <i>Miwi</i> ^{-/-}	9.8	25	7.1
Median piRNA abundance by locus (rpkm)	(1) 10.5 dpp		16	3.7	0.049
	(1) 12.5 dpp		25	8.3	3.7
	(1) 14.5 dpp		11	4.1	4.6
	(1) 17.5 dpp		11	59	300
	14.5 dpp	(2) <i>A-Myb</i> ^{+/-}	19	15	35
		(3) <i>A-Myb</i> ^{-/-}	10 ± 4	2.9 ± 0.8	1.0 ± 0.7
		(2) <i>Miwi</i> ^{+/-}	14	4.7	0.46
		(2) <i>Miwi</i> ^{-/-}	16.45	6.3	0.19
	17.5 dpp	(1) <i>A-Myb</i> ^{+/-}	6.9	23	95
		(1) <i>A-Myb</i> ^{-/-}	12	3.7	0.020
		(1) <i>Miwi</i> ^{+/-}	26	17	32
		(1) <i>Miwi</i> ^{-/-}	26	12	7.8
Relative abundance in adult testes?			0.36%	2.7%	97%
Congruent with protein-coding genes?			81/84	26/30	7/100
Transcription requires <i>A-Myb</i> ?			No	Partially	Yes

The times and extents of pre-pachytene, pachytene, and hybrid piRNA production reflects their distinct patterns of expression, as well their response to loss of A-MYB and MIWI function. The number of replicates is shown in parentheses. Mean is reported where biologically independent replicates were available; when three replicates were available, S.D. is also provided.