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

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.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | **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) *A-Myb+/–*** | 12 ± 2 | 22 ± 4 | 9 ± 2 |
| **(3) *A-Myb–/–*** | 13 ± 3 | 13 ± 4 | 0.2 ± 0.1 |
| **(1) *Miwi+/–*** | 12 | 14 | 0.63 |
| **(2) *Miwi–/–*** | 15 | 13 | 0.38 |
| **17.5 dpp** | **(3) *A-Myb+/–*** | 9 ± 1 | 31 ± 3 | 17 ± 6 |
| **(3) *A-Myb–/–*** | 13 ± 3 | 16 ± 2 | 0.09 ± 0.06 |
| **(1) *Miwi+/–*** | 14 | 22 | 8.1 |
| **(1) *Miwi–/–*** | 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) *A-Myb+/–*** | 19 | 15 | 35 |
| **(3) *A-Myb–/–*** | 10 ± 4 | 2.9 ± 0.8 | 1.0 ± 0.7 |
| **(2) *Miwi+/–*** | 14 | 4.7 | 0.46 |
| **(2) *Miwi–/–*** | 16.45 | 6.3 | 0.19 |
| **17.5 dpp** | **(1) *A-Myb+/–*** | 6.9 | 23 | 95 |
| **(1) *A-Myb–/–*** | 12 | 3.7 | 0.020 |
| **(1) *Miwi+/–*** | 26 | 17 | 32 |
| **(1) *Miwi–/–*** | 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 *A-Myb*?** | | | No | Partially | Yes |