

Additional file 1: Table S1: Read count and mapping efficiencies of small RNA and RNA-Seq libraries used in this study.

Small RNA sequencing

| Library | Number of mapped reads | Mapping efficiency |
|---------------------------|------------------------|--------------------|
| Ago3 IP | 2.4×10^6 | 89.2% |
| Vegetative, somatic cells | 4.4×10^6 | 91.5% |
| Vegetative, gonidia | 8.6×10^6 | 83.4% |
| Induced, somatic cells | 13.0×10^6 | 92.4% |
| Induced, gonidia | 17.0×10^6 | 90.3% |
| Female, somatic cells | 8.0×10^6 | 91.0% |
| Female, egg cells | 17.2×10^6 | 92.7% |

RNA-Seq

| Library | Number of mapped read pairs | Mapping efficiency |
|----------------------------------|-----------------------------|--------------------|
| Vegetative, somatic cells, rep 1 | 26.2×10^6 | 90.6% |
| Vegetative, somatic cells, rep 2 | 26.3×10^6 | 83.3% |
| Vegetative, gonidia, rep 1 | 26.0×10^6 | 89.8% |
| Vegetative, gonidia, rep 2 | 18.9×10^6 | 83.0% |
| Induced, somatic cells, rep 1 | 19.7×10^6 | 88.4% |
| Induced, somatic cells, rep 2 | 20.0×10^6 | 78.5% |
| Induced, gonidia, rep 1 | 4.6×10^6 | 69.4% |
| Induced, gonidia, rep 2 | 3.0×10^6 | 65.2% |
| Female, somatic cells, rep 1 | 16.4×10^6 | 87.5% |
| Female, somatic cells, rep 2 | 22.3×10^6 | 81.5% |
| Female, egg cells, rep 1 | 19.2×10^6 | 80.7% |
| Female, egg cells, rep 2 | 33.3×10^6 | 87.3% |