### Supplemental Table S1. Library name, EF1A genotype, RNA quality (RIN), SRA Accession, library size, righting response (seconds; standard deviation in parentheses), and percentage of reads mapped to the Trinity assembly. Libraries for Po1 and Po2 (both temperature treatments) contributed to the reduced-input assembly. All sequence data are archived at NCBI in BioProject PRJNA357374.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Indiv\_temp | EF1A | RIN | Accession | Reads | Righting (STD) | % Reads Mapped |
| Po1\_t0 | wild | 8.4 | SAMN06141149 | 27365206 | 865(231.8) | 86.85 |
| Po1\_t3 | wild | 8.6 | SAMN06141150 | 29538921 | 886.7(455) | 86.58 |
| Po2\_t0 | ins | 8.5 | SAMN06141151 | 20666961 | 387.3(159.7) | 86.48 |
| Po2\_t3 | ins | 8.9 | SAMN06141152 | 25443140 | 896(368.4) | 85.86 |
| Po3\_t0 | ins | 8.8 | SAMN06141153 | 21034874 | 623.7(110.5) | 86.11 |
| Po3\_t3 | ins | 8.8 | SAMN06141154 | 22182667 | 366.7(41.9) | 86.91 |
| Po5\_t0 | wild | 8.2 | SAMN06141155 | 22382433 | 587.7(58.9) | 87.23 |
| Po5\_t3 | wild | 8.8 | SAMN06141156 | 26103641 | 644.7(155.6) | 86.25 |
| Po6\_t0 | wild | 9.2 | SAMN06141157 | 22123397 | 797(464.1) | 84.55 |
| Po6\_t3 | wild | 8.9 | SAMN06141158 | 19364368 | 495.3(238) | 85.02 |
| Po7\_t0 | wild | 8.7 | SAMN06141159 | 21980481 | 757.7(198.8) | 84.71 |
| Po7\_t3 | wild | 8.9 | SAMN06141160 | 18680949 | 1436.3(40) | 85.25 |
| Po8\_t0 | wild | 8.2 | SAMN06141161 | 19046562 | 1023(836.9) | 84.92 |
| Po8\_t3 | wild | 9.0 | SAMN06141162 | 23172430 | 1153.7(459.6) | 84.88 |
| Po9\_t0 | ins | 8.7 | SAMN06141163 | 21686608 | 457.7(105.3) | 85.01 |
| Po9\_t3 | ins | 6.3 | SAMN06141164 | 20151582 | 528.3(191) | 85.30 |
| Po10\_t0 | ins | 8.3 | SAMN06141165 | 23833561 | 592.3(71.2) | 85.66 |
| Po10\_t3 | ins | 8.3 | SAMN06141166 | 21248618 | 692.7(341.8) | 85.33 |
| Po11\_t0 | ins | 8.3 | SAMN06141167 | 20063047 | 176.7(17.9) | 85.18 |
| Po11\_t3 | ins | 8.6 | SAMN06141168 | 20385501 | 250.3(62.6) | 84.81 |