**Table 3. Mean run times (s) for all stages of SDNT assemblies in the *Arabidopsis* data for each instance type and sequencing depth. The standard deviation is indicated among brackets. n.a. indicates that the process failed.**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Instance type** |  | **Depth** |  | ***pregraph*** | |  | ***contig* + *map*** | |  | ***scaff*** | |
| c4.2xlarge |  | 01x |  | 10 | (7) |  | 18 | (0) |  | 1 | (0) |
|  | 12x |  | 98 | (76) |  | 133 | (0) |  | 8 | (0) |
|  | 24x |  | 201 | (152) |  | 444 | (70) |  | 15 | (0) |
|  | 48x |  | n.a. |  |  | n.a. |  |  | n.a. |  |
| c4.4xlarge |  | 01x |  | 9 | (8) |  | 14 | (0) |  | 1 | (0) |
|  | 12x |  | 88 | (80) |  | 110 | (1) |  | 8 | (0) |
|  | 24x |  | 173 | (159) |  | 167 | (2) |  | 15 | (0) |
|  | 48x |  | 334 | (302) |  | 491 | (279) |  | 28 | (0) |
| r4.xlarge |  | 01x |  | 14 | (7) |  | 24 | (1) |  | 1 | (1) |
|  | 12x |  | 120 | (70) |  | 184 | (1) |  | 10 | (1) |
|  | 24x |  | 236 | (152) |  | 303 | (4) |  | 17 | (0) |
|  | 48x |  | 546 | (264) |  | 737 | (133) |  | 33 | (0) |
| r4.2xlarge |  | 01x |  | 11 | (7) |  | 20 | (1) |  | 0 | (0) |
|  | 12x |  | 107 | (80) |  | 141 | (1) |  | 9 | (0) |
|  | 24x |  | 206 | (158) |  | 224 | (2) |  | 17 | (0) |
|  | 48x |  | 425 | (330) |  | 406 | (11) |  | 33 | (0) |