**Table 2. Mean run times (s) for all stages of Trinity 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** |  | **Jellyfish + Inchworm** | |  | **Chrysalis** | |  | **Assembling clusters** | |
| c4.2xlarge |  | 01x |  | 304 | (2) |  | 194 | (7) |  | 5889 | (70) |
|  | 12x |  | 916 | (49) |  | 1642 | (36) |  | 13409 | (85) |
|  | 24x |  | n.a. |  |  | n.a. |  |  | n.a. |  |
|  | 48x |  | n.a. |  |  | n.a. |  |  | n.a. |  |
| c4.4xlarge |  | 01x |  | 242 | (2) |  | 128 | (0) |  | 3203 | (5) |
|  | 12x |  | 718 | (1) |  | 891 | (41) |  | 7036 | (33) |
|  | 24x |  | 1281 | (141) |  | 1534 | (17) |  | 8539 | (12) |
|  | 48x |  | 2224 | (60) |  | 4170 | (249) |  | 10995 | (51) |
| r4.xlarge |  | 01x |  | 439 | (1) |  | 316 | (6) |  | 11892 | (46) |
|  | 12x |  | 1289 | (12) |  | 2626 | (107) |  | 25741 | (39) |
|  | 24x |  | 1910 | (14) |  | 4307 | (153) |  | 30227 | (96) |
|  | 48x |  | 3595 | (48) |  | 10997 | (499) |  | 41555 | (326) |
| r4.2xlarge |  | 01x |  | 314 | (1) |  | 190 | (4) |  | 6260 | (23) |
|  | 12x |  | 956 | (7) |  | 1502 | (54) |  | 14150 | (62) |
|  | 24x |  | 1507 | (51) |  | 2796 | (130) |  | 16948 | (68) |
|  | 48x |  | 2709 | (39) |  | 5166 | (187) |  | 22708 | (85) |