

Table S1. Sequencing and read mapping statistics

| | 2 hpi* | 48 hpi* | 96 hpi* | extracell.* | symbiont-free amoebae |
|---|------------------------------|--------------------------------|------------------------------|--------------------------|-----------------------|
| Total reads [#] | 217 ± 5.9 | 222 ± 14 | 175 ± 18 | 218 ± 19 | 57 |
| Reads after cleaning ^{#†} | 215 ± 5.2 | 219 ± 12 | 174 ± 18 | 216 ± 19 | 53 |
| <i>P. amoebophila</i> | | | | | |
| Mapped to genome ^{#‡} % of cleaned | 0.073 ± 0.025 0.03 ± 0.01 | 1.7 ± 0.58 0.78 ± 0.2 | 0.77 ± 0.15 0.44 ± 0.05 | 74 ± 9.5 34.3 ± 2.0 | n.a. |
| Mapped to predicted genes [#] % of mapped | 0.044 ± 0.015 61.0 ± 1.0 | 1.4 ± 0.47 80.1 ± 0.1 | 0.59 ± 0.1 76.2 ± 1.0 | 42 ± 7.3 56.1 ± 2.8 | n.a. |
| Mapped to IGRs and antisense [#] % of mapped | 0.028 ± 0.01 38.2 ± 1.2 | 0.32 ± 0.11 18.6 ± 0.1 | 0.18 ± 0.042 22.7 ± 1.0 | 32 ± 2.6 43.2 ± 2.9 | n.a. |
| Mapped to rRNA genes % of mapped | 30.7 ± 17.0 0.05 ± 0.04 | 1886.3 ± 2224.3 0.09 ± 0.09 | 45.0 ± 33.2 0.006 ± 0.005 | 0.21 ± 0.13 0.3 ± 0.2 | n.a. |
| <i>A. castellanii</i> | | | | | |
| Mapped to chromosome ^{#§} % of cleaned | 98 ± 11 45.4 ± 4.6 | 74 ± 2.8 33.8 ± 2.5 | 64 ± 5.1 36.6 ± 3.4 | n.a. | 23 43.1 |
| Mapped to predicted chr. genes [#] % of mapped | 7.8 ± 1.3 8.0 ± 1.6 | 9 ± 0.73 12.2 ± 1.0 | 6 ± 1.1 9.5 ± 1.8 | n.a. | 14 59.7 |
| Mapped to chr. IGRs and antisense [#] % of mapped | 29.4 ± 4.1 30.3 ± 4.7 | 17.2 ± 2.5 23.3 ± 3.1 | 14.2 ± 2.2 22.3 ± 1.9 | n.a. | 2.0 8.7 |
| Mapped to mitoch. genome [#] % of cleaned | 11 ± 2.1 5.2 ± 1.0 | 4.5 ± 1.8 2.0 ± 0.7 | 3.7 ± 0.6 2.1 ± 0.1 | n.a. | 0.12 0.2 |
| Mapped to rRNA genes (chromosome, mitoch. genome) [#] % of mapped total | 61 ± 12 55.7 ± 7.1 | 48 ± 3.5 61 ± 5.0 | 43 ± 3.5 64.5 ± 3.5 | n.a. | 7.3 31.5 |

* All numbers are means and standard deviations of three biological replicates.

Numbers multiplied by 10⁶.

† The read lengths range from 25 to 37 bp (average 36.7 ± 1.1 bp).

‡ Ambiguously mapped reads removed.

§ Including chromosomal rRNA.

Abbreviations: hpi, hours post infection; extracell., extracellular; IGRs, intergenic regions; chr., chromosomal; mitoch., mitochondrial; n.a., not applicable.