Table S1. List of primers used for attempted identification of amoeba and *Amoebophilus* endosymbionts in infected female mites.

|  |  |  |  |
| --- | --- | --- | --- |
| Specificity | Primer name | Primer sequence (5' –3') | References |
| Amoeba | AmeF977 | GATYAGATACCGTCGTAGTC | [[1](#_ENREF_1)] |
|  | AmeR1534 | TCTAAGRGCATCACAGACCTG |  |
| Amoebozoa | 18SF | GTAGTCATATGCTTGTCTC | [[2](#_ENREF_2)] |
|  | 18SR | CGRARACCTTGTTACGAC |  |
| *Acanthamoeba* spp | Ami6F1 | CCAGCTCCAATAGCGTATATT | [[3](#_ENREF_3)] |
|  | Ami6F2 | CCAGCTCCAAGAGTGTATATT |  |
|  | Ami9R | GTTGAGTCGAATTAAGCCGC |  |
| Naegleria spp | NaeF | GAACCTGCGTAGGGATCATTT | [[4](#_ENREF_4)] |
|  | NaeR | TTTCTTTTCCTCCCCTTATTA |  |
| Amoebophilus endosymbiont | AE16SF | GGAACCTTACCTGGGCTAGAATG | In this study |
|  | AE16SF | GTCACTGTCTTCAGGTCCTACCAAC |  |

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