

Table S2. PCR cycling conditions used for the molecular identification and/or characterization of the microeukaryotic parasites investigated in the present study.

| Locus | Temperature and time | | | | No. cycles | Final extension | Reference |
|-----------------|----------------------|--------------|---------------|-------------|------------|-----------------|-----------|
| | Initial denaturation | Denaturation | Annealing | Extension | | | |
| <i>ssu</i> rRNA | 95 °C 15 min | 95 °C 15 s | 60 °C 1 min | 72 °C 30 s | 45 | – | [52] |
| <i>ssu</i> rRNA | 95 °C 2 min | 95 °C 45 s | 58/55 °C 30 s | 72 °C 45 s | 35 | 72 °C 4 min | [53] |
| <i>gdh</i> | 95 °C 3 min | 95 °C 30 s | 55 °C 30 s | 72 °C 1 min | 35 | 72 °C 7 min | [55] |
| <i>bg</i> | 95 °C 7 min | 95 °C 30 s | 65/55 °C 30 s | 72 °C 1 min | 35 | 72 °C 7 min | [56] |
| <i>tpi</i> | 94 °C 5 min | 94 °C 45 s | 50 °C 45 s | 72 °C 1 min | 35 | 72 °C 10 min | [57] |

bg: β -giardin; *gdh*: Glutamate dehydrogenase; *ssu* rRNA: Small subunit ribosomal RNA; *tpi*: Triose phosphate isomerase.