Supplementary Material.

Figure S1. Phylogenetic relationship (neighbour-joining consensus tree) of 18S rDNA sequences of haemogregarines used in the phylogenetic analyses of this study. The tree was rooted with *Cryptosporidium serpentis*. Numbers at the branches show consensus support (%). GenBank Accession numbers and associated host are shown.



Table S1. Estimates of Evolutionary Divergence among sequences of different organisms used in the phylogenetic analyses of this study. The number of base pair differences per sequence are shown.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
| (1) *Cryptosporidium serpentis* AF093499 | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |
| (2) *Haemogregarina pellegrini* KM887508 | 70 | \* |  |  |  |  |  |  |  |  |  |  |  |  |
| (3) *Haemogregarina pellegrini* KM887509 | 70 | 0 | \* |  |  |  |  |  |  |  |  |  |  |  |
| (4) *Haemogregarina stepanowi* KF257926 | 70 | 2 | 2 | \* |  |  |  |  |  |  |  |  |  |  |
| (5) *Haemogregarina stepanowi* KF257927 | 70 | 2 | 2 | 0 | \* |  |  |  |  |  |  |  |  |  |
| (6) *Haemogregarina stepanowi* KF257928 | 70 | 2 | 2 | 0 | 0 | \* |  |  |  |  |  |  |  |  |
| (7) *Haemogregarina stepanowi* KF257929 | 70 | 2 | 2 | 0 | 0 | 0 | \* |  |  |  |  |  |  |  |
| (8) *Haemogregarina stepanowi* KF992697 | 70 | 2 | 2 | 0 | 0 | 0 | 0 | \* |  |  |  |  |  |  |
| (9) *Hepatozoon* sp. JX531918 | 72 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | \* |  |  |  |  |  |
| (10) *Hepatozoon* sp. JX531954 | 72 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 0 | \* |  |  |  |  |
| (11) *Hepatozoon* sp. JX531968 | 72 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 0 | 0 | \* |  |  |  |
| (12) *Hepatozoon* sp. JX531972 | 72 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 0 | 0 | 0 | \* |  |  |
| (13) MALEPRO 2 KJ740753 | 66 | 11 | 11 | 10 | 10 | 10 | 10 | 10 | 12 | 12 | 12 | 12 | \* |  |
| (14) MALEPRO 3 KJ740754 | 66 | 14 | 14 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 3 | \* |