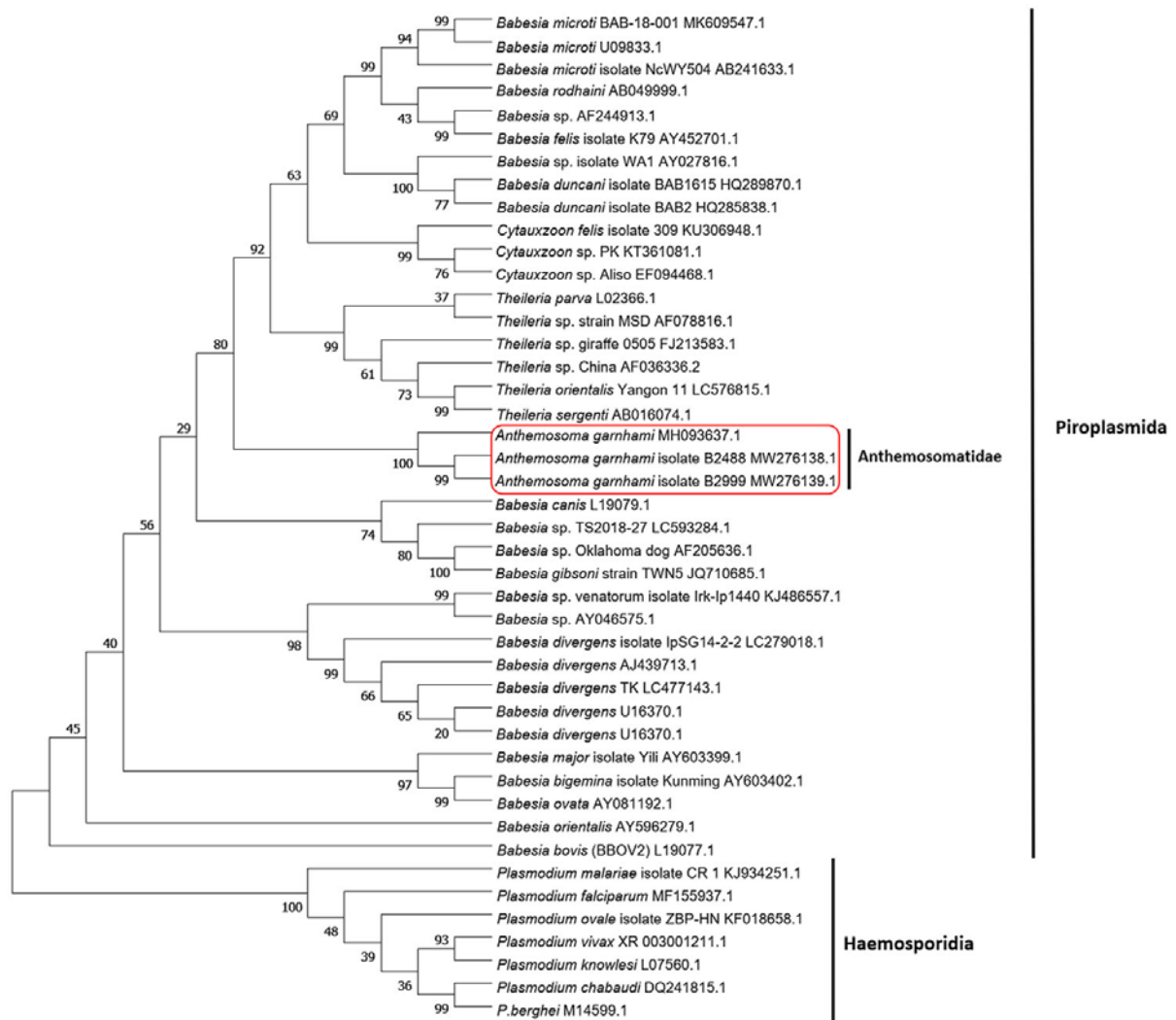


# *Anthemiosoma garnhami* in an HIV-Infected Man from Zimbabwe Living in South Africa

## Appendix



**Appendix Figure.** Molecular phylogeny of piroplasms based on the nuclear 18S RNA gene. The phylogenetic position of *Anthemiosoma garnhami* sequences from the original and recrudescence infections described in this report are shown in the box. The analysis included 44 nucleotide sequences (numbers in parentheses): 35 from other piroplasms, and 7 *Plasmodium* sequences, as outgroup. The evolutionary history was inferred by using the maximum likelihood method based on the Tamura-Nei model (1,2). The tree with the highest log likelihood (-4698.01) is shown. Initial

tree(s) for the heuristic search were obtained automatically by applying neighbor-join and BioNJ algorithms to a matrix of pairwise distances estimated using the maximum composite likelihood approach, and then selecting the topology with superior log likelihood value. The tree is drawn to scale, with branch lengths measured in the number of substitutions per site. All positions containing gaps and missing data were eliminated. There were a total of 690 positions in the final dataset. Evolutionary analyses were conducted in MEGA7 (3).

## References

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