Rickettsia amblyommatis sp. nov., a spotted fever group Rickettsia associated with multiple species of Amblyomma ticks in North and South America

Running title: Rickettsia amblyommatis sp. nov.

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FIGURE LEGENDS

Fig. S1. Maximum Parsimony analysis of selected spotted fever group *Rickettsia*. The evolutionary history was inferred using the Maximum Parsimony method using the Subtree-Pruning-Regrafting algorithm. A total of 10,642 positons were included in the analysis and bootstrap values for 1000 replicates are displayed next to the branches. Branch lengths are in units of number of changes over the whole sequence.

Fig. S2. Maximum Likelihood analysis of selected spotted fever group *Rickettsia*. The evolutionary history was inferred using the Maximum Likelihood method using the Tamura-Nei model while pairwise distances were estimated using the Maximum Composite Likelihood approach. A total of 10,642 positons were included in the analysis and bootstrap values for 1000 replicates are displayed next to the branches. Branch lengths are in units of number of substitutions per site.
Fig. S1

- *Rickettsia africae* ESF-5
- *Rickettsia parkeri* maculatum 20\(^T\)
- *Rickettsia sibirica* 246\(^T\)
- *Rickettsia conorii* Malish 7\(^T\)
- *Rickettsia slovaca* 13-B
- *Rickettsia honei* RB\(^T\)
- *Rickettsia rickettsii* Sheila Smith\(^T\)
- *Rickettsia japonica* YH\(^T\)

- *Rickettsia amblyommatidis* WB-8-2\(^T\)
- *Rickettsia raoultii* Khabarovsk\(^T\)
- *Rickettsia aeschlimannii* MC16\(^T\)
- *Rickettsia massiliae* Mtu1\(^T\)
- *Rickettsia rhipicephali* Burgdorfer 3-7-female 6\(^T\)
- *Rickettsia montanensis* M/5-6

- *Rickettsia felis* URRWXCal2\(^T\)