

Table S2. Nucleotide identity of 16S, *gltA*, *groEL*, *ompA*, *ompB*, and *htrA* genes of *Rickettsia* strains to reported strains in the Genbank database.

	16S	<i>gltA</i>	<i>groEL</i>	<i>ompA</i>	<i>ompB</i>	<i>htrA</i>
<i>Ca. Rickettsia hongyuanensis</i> tick61	100% uncultured <i>Rickettsia</i> sp. Hja 192	99.90% <i>Ca. Rickettsia principis</i> str. douglasi 061	98.77% <i>Rickettsia peacockii</i> str. Rustic	99.83% Uncultured <i>Rickettsia</i> sp. clone Y27-1	97.07% <i>Ca. Rickettsia</i> tasmanensis str. T152	99.76% Uncultured <i>Rickettsia</i> sp. Hf_01
<i>Ca. Rickettsia jingxinensis</i> tick26	99.92% <i>Ca. Rickettsia</i> jingxinensis	100% <i>Ca. Rickettsia</i> jingxinensis	99.05% <i>Rickettsia</i> heilongjiangensis	100% <i>Ca. Rickettsia</i> jingxinensis	99.20% <i>Rickettsia</i> sp. strain Koreansis	99.76% <i>Ca. Rickettsia</i> jingxinensis
<i>Ca. Rickettsia jingxinensis</i> tick28	99.92% <i>Ca. Rickettsia</i> jingxinensis	100% <i>Ca. Rickettsia</i> jingxinensis	99.05% <i>Rickettsia</i> heilongjiangensis	100% <i>Ca. Rickettsia</i> jingxinensis	98.94% <i>Rickettsia</i> sp. strain Koreansis	NA
<i>Rickettsia</i> sp. tick14	99.83% Uncultured <i>Rickettsiales</i> bacterium clone LG127_1	NA	99.54% <i>Rickettsia</i> endosymbiont of <i>Polydesmus</i> <i>complanatus</i> Bel-53	NA	NA	NA