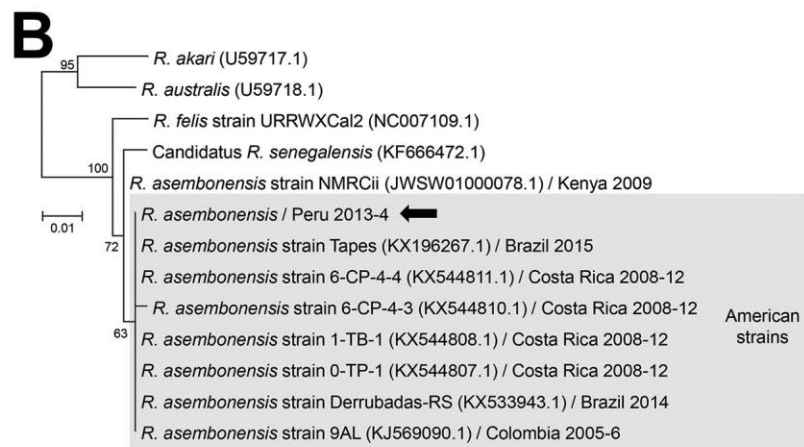
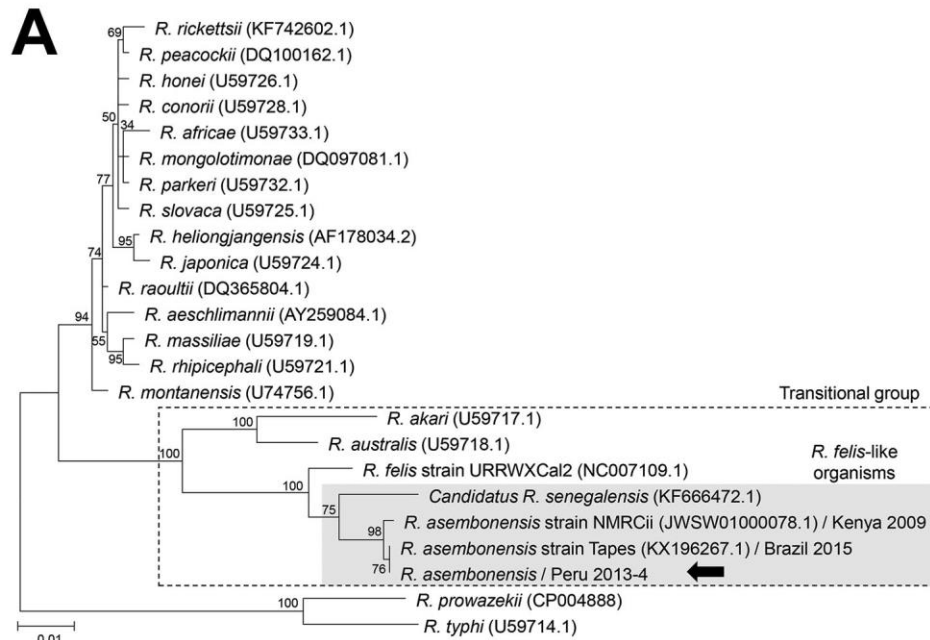


Rickettsia asemonensis Characterization by Multilocus Sequence Typing of Complete Genes, Peru

Technical Appendix

Technical Appendix Table. Reference sequences used for phylogenetic analysis of *Rickettsia asemonensis*, Peru

<i>Rickettsia</i> species (strain name)	<i>gltA</i> conserved gene	
	GenBank accession no.	Length, nt
<i>R. rickettsii</i>	KF742602.1	1,068
<i>R. peacockii</i>	DQ100162.1	1,233
<i>R. honei</i>	U59726.1	1,234
<i>R. conorii</i>	U59728.1	1,234
<i>R. africana</i>	U59733.1	1,234
<i>R. parkeri</i>	U59732.1	1,234
<i>R. mongolotimonae</i>	DQ097081.1	1,234
<i>R. slovaca</i>	U59725.1	1,234
<i>R. helionjiangensis</i>	AF178034.2	1,238
<i>R. japonica</i>	U59724.1	1,234
<i>R. raoultii</i>	DQ365804.1	1,250
<i>R. aeschlimannii</i>	AY259084.1	1,159
<i>R. massiliae</i>	U59719.1	1,234
<i>R. rhipicephali</i>	U59721.1	1,234
<i>R. montanensis</i>	U74756.1	1,234
<i>R. felis</i> (URRWXCal2)	NC_007109.1	1,308
<i>R. asemonensis</i> (NMRCii)	JWSW01000078.1	1,410
<i>R. asemonensis</i> (Tapes)	KX196267.1	1,137
<i>R. asemonensis</i> (Derrubadas-RS)	KX533943.1	348
<i>R. asemonensis</i> (9AL)	KJ569090.1	350
<i>R. asemonensis</i> (0-TP-1)	KX544807.1	349
<i>R. asemonensis</i> (1-TB-1)	KX544808.1	349
<i>R. asemonensis</i> (6-CP-4-3)	KX544810.1	349
<i>R. asemonensis</i> (6-CP-4-4)	KX544811.1	349
Candidatus <i>R. senegalensis</i>	KF666472.1	1,250
<i>R. akari</i>	U59717.1	1,234
<i>R. australis</i>	U59718.1	1,234
<i>R. typhi</i>	U59714.1	1,234
<i>R. prowazekii</i> (Madrid E)	CP004888.1	1,311



Technical Appendix Figure. Phylogenetic analysis of *gltA* using A) 1,068 (81%) nt and B) 348 (27%) nt of the open reading frame. Alignments were generated in MUSCLE (<http://www.drive5.com/muscle>) and trees in MEGA 6.0 (<http://www.megasoftware.net>) using the maximum-likelihood algorithm with 2,000 bootstrap replicates. Genetic distances were calculated in MEGA 6.0 with the General Time Reversible Gamma distributed model. Scale bars represent substitutions per site. Black arrows indicate the Peruvian isolate.