

Additional file 2: Table S1. GenBank accession codes for the sequences analyzed.

Species	16S rRNA	groEL
<i>Aegyptianella pullorum</i>	AY125087	AY150648
<i>Anaplasma bovis</i>	KY425420	KY425421
<i>Anaplasma capra</i>	KM206273	KM206275
<i>Anaplasma centrale</i>	CP001759	CP001759
<i>Anaplasma marginale</i>	CP006846	CP006846
<i>Anaplasma odocoilei</i>	JX876644	JX876642
<i>Anaplasma ovis</i>	AF414870	AF441131
<i>Anaplasma phagocytophilum</i>	CP015376	CP015376
<i>Anaplasma platys</i>	AY077619	AY077621
" <i>Candidatus Anaplasma boleense</i> "	KX987334	KX987391
" <i>Candidatus Anaplasma camelii</i> "	KF843823	KJ814955
" <i>Candidatus Anaplasma sphenisci</i> "	MG748724	MG748859
" <i>Candidatus Cryptoplasma californiense</i> "	KP276585	KP276600
<i>Ehrlichia canis</i>	NC_007354	NC_007354
<i>Ehrlichia chaffeensis</i>	NZ_CP007476	NZ_CP007476
<i>Ehrlichia ewingii</i>	U96436	AF195273
<i>Ehrlichia mineirensis</i>	JX629805	JX629806
<i>Ehrlichia muris</i>	NC_023063	NC_023063
<i>Ehrlichia occidentalis</i> *	not available	KY425507
<i>Ehrlichia ovina</i> *	AF318946	not available
<i>Ehrlichia ruminantium</i>	NC_005295.2	NC_005295.2
" <i>Candidatus Ehrlichia khabarensis</i> "	KR063138	KR063139
" <i>Candidatus Ehrlichia occidentalis</i> "	not available	KY425507
" <i>Candidatus Ehrlichia ornithorhynchi</i> "	MF069159	MF069155
" <i>Candidatus Ehrlichia ovata</i> "	not available	DQ672553
" <i>Candidatus Ehrlichia regneryi</i> "	KF843826	KJ814961
" <i>Candidatus Ehrlichia shimanensis</i> "	AB074459	AB074462
" <i>Candidatus Ehrlichia urmitei</i> "	not available	KU212375
" <i>Candidatus Neoehrlichia arcana</i> "	KU865441	KU865443
" <i>Candidatus Neoehrlichia australis</i> "	KU865414	KU865345
" <i>Candidatus Neoehrlichia chilensis</i> " *	not available	MF805779
" <i>Candidatus Neoehrlichia lotoris</i> "	NZ_LANX01000001	NZ_LANX01000001
" <i>Candidatus Neoehrlichia mikurensis</i> "	AB084582	AB084583
" <i>Candidatus Neoehrlichia tanzania</i> "	KT895260	not available
<i>Neorickettsia helminthoeca</i>	NZ_CP007481	NZ_CP007481
<i>Neorickettsia risticii</i>	NC_013009	NC_013009
<i>Neorickettsia sennetsu</i>	NC_007798	NC_007798
<i>Rickettsia rickettsia</i>	CP003311	CP003311
<i>Wolbachia pipientis</i>	JX182384	NWVJ01000010
" <i>Candidatus Xenohalictis californiensis</i> "	AF133090.2	not available
" <i>Candidatus Xenolissoclinum pacificiensis</i> "	AXCJ01000001	AXCJ01000003

Note: * = Not included in the phylogenetic analyses with concatenated sequences.