

Supplementary Table S1. Genbank numbers of bacterial sequences used in phylogenetic analysis

No.	Gene	Genbank number	Bacterial strain
1	16S	AY135531.1	Ehrlichia sp. 'Rattus strain'
2	16S	AY098730.1	Ehrlichia sp. Belluno
3	16S	KR063138.1	Candidatus Ehrlichia khabarensis strain m3
4	16S	AB074459.1	Candidatus Ehrlichia shimanensis
5	16S	KY425523.1	Candidatus Ehrlichia sp. AG-2017 isolate Y272
6	16S	NR074513.2	Ehrlichia ruminantium strain Welgevonden
7	16S	DQ324367.1	Ehrlichia sp. P-Mtn
8	16S	CP000236.1	Ehrlichia chaffeensis str. Arkansas
9	16S	KX505292.1	Ehrlichia chaffeensis isolate X1
10	16S	AB454074.2	Ehrlichia sp. NS101
11	16S	NR121714.1	Ehrlichia muris AS145
12	16S	CP007474.1	Ehrlichia sp. HF
13	16S	GU227701.1	Ehrlichia sp. Yunnan
14	16S	NR044747.1	Ehrlichia ewingii strain Stillwater
15	16S	KF728345.1	Uncultured Ehrlichia sp. clone SY36
16	16S	AF311968.1	Ehrlichia sp. EHT224
17	16S	AF414399.1	Ehrlichia sp. Tibet
18	16S	AF497581.1	Ehrlichia sp. EBm52
19	16S	KM995821.1	Uncultured Ehrlichia sp. clone Tajikistan-4
20	16S	DQ324547.1	Ehrlichia sp. Fujian
21	16S	JX402605.1	Uncultured Ehrlichia sp. clone Xinjiang158-10
22	16S	KF843826.1	Candidatus Ehrlichia regneryi clone Camel_17
23	16S	AF318946.1	Ehrlichia ovina
24	16S	U26740.1	Ehrlichia canis
25	16S	AB723708.1	Ehrlichia canis isolate W-134
26	gltA	DQ513396.1	Ehrlichia ruminantium strain Senega
27	gltA	KR063140.1	Candidatus Ehrlichia khabarensis strain m3
28	gltA	JX629807.1	Ehrlichia minasensis strain UFMG-EV
29	gltA	AY647155.1	Ehrlichia canis
30	gltA	KP719095.1	Ehrlichia ovina isolate T2002
31	gltA	AF304142.1	Ehrlichia chaffeensis Arkansas
32	gltA	DQ647319.1	Ehrlichia sp. HF
33	gltA	MN685601.1	Ehrlichia muris
34	gltA	AF311966.1	Ehrlichia sp. EHT224

Continued

No.	Gene	Genbank number	Bacterial strain
35	gltA	KX987356.1	Ehrlichia sp. strain WHBMXZ-40
36	gltA	JX402606.1	Uncultured Ehrlichia sp. clone Xinjiang116-7
37	gltA	KJ410275.1	Ehrlichia sp. TC248-16
38	groEL	KJ930193.1	Uncultured Ehrlichia sp. clone Tajikistan-3
39	groEL	JX402613.1	Uncultured Ehrlichia sp. clone Xinjiang157-6
40	groEL	KY705065.1	Ehrlichia sp. isolate YNT
41	groEL	AF195273.1	Ehrlichia ewingii
42	groEL	KJ410296.1	Ehrlichia sp. TC251-2
43	groEL	DQ647010.1	Ehrlichia ruminantium strain Mara87/7
44	groEL	AB074462.1	Candidatus Ehrlichia shimanensis
45	groEL	FJ966353.1	Candidatus Ehrlichia khabarensis isolate Khabarovsk 1931
46	groEL	U96731.1	Ehrlichia canis
47	groEL	JX629806.1	Ehrlichia minasensis strain UFMG-EV
48	groEL	DQ672553.1	Candidatus Ehrlichia ovata
49	groEL	KU214846.1	Ehrlichia sp. EMLA
50	groEL	MN685610.1	Ehrlichia muris