Sulfolobus solfataricus (AAK41461)
Kineococcus radiotolerans (EAM76057)
clade D
Desulfotalea psychrophila (CAG35579)
Cytophaga hutchinsonii (WP 011583929)
uncultured Flavobacteriia bacterium (CCG00321)
uncultured Flavobacteriia bacterium (CCG00897)
uncultured Flavobacteriia bacterium (CCG00163)
Nitritalea halalkaliphila (EIM74478)
Sediminibacterium salmoneum (WP 051417315)
Cyclobacterium marinum (WP 014022144)
Cyclobacterium qasimii (EPR68077)
Echinicola vietnamensis (AGA80090)
clade C
bacterium 2013Arg42i (CUT17795)
Cardinium cHgTN10 (WP_109996912)
Cardinium cSfur (WP 114909896)
Verrucomicrobia bacterium (OHE70874)
Alphaproteobacteria bacterium (OYZ38148)
Diplorickettsia massiliensis (WP 010597801)
Verrucomicrobia bacterium (PWU06889)
Rickettsia endosymbiont of Culicoides newsteadi (WP 094649796)
Gammaproteobacteria bacterium (OGT45870)
Gammaproteobacteria bacterium (OGT65167)
uncultured bacterium (EKD73706)
Candidatus Rickettsiella isopodorum (WP 071662854)
Rickettsiella grylli (WP 006035184)
Coxiellaceae bacterium (RDH39902)
Candidatus Berkiella cookevillensis (WP 057624518)
Coxiellaceae bacterium (KRG18532)
Coxiellaceae bacterium (KRG22553)
Gammaproteobacteria bacterium (OJV87784)
Gammaproteobacteria bacterium (PIZ04674)
Gammaproteobacteria bacterium (OGT43564)
uncultured bacterium (EKD77293)
Coxiella burnetii (ACJ21025)
Coxiella burnetii (WP 012570460)
Coxiella burnetii CbuG_Q212 (ACJ19126)
Coxiella burnetii Dugway (ABS76495)
Coxiella burnetii (WP 005772259)
Coxiella burnetii str. Namibia (AIT64105)
Coxiella burnetii RSA 493 (AAO89703)
clade B
Mariniradius saccharolyticus AK6 (EMS32158)
Capnocytophaga sp. (WP 034539594)
Capnocytophaga sp. (WP 021628650)
Cytophaga hutchinsonii (WP 011583710)
Cyclobacterium marinum (WP 014022625)
Cyclobacterium qasimii M12-11B (EPR70210)
Mariniradius saccharolyticus AK6 (EMS32210)
Microscilla marina ATCC 23134 (EAY26679)
Marivirga tractuosa (WP 013453559)
Cytophaga hutchinsonii (WP 011584433)
Aeromonas molluscorum (WP 005892747)
Candidatus Muproteobacteria bacterium (OGI64945)
Noviherbaspirillum humi (WP 089398341)
Deltaproteobacteria bacterium (OGR05876)
Cardinium cCpun
Thauera sp. K11 (WP 096451087)
Thauera linaloolentis (WP 004340160)
Rhodocyclaceae bacterium Paddy-1 (WP 054619844)
Prosthecobacter debontii (WP 078812725)
Luteimonas mephitis (WP 027079995)
Lysobacter sp. Root494 (WP 056131435)
Luteimonas abyssi (WP 058834736)
Pseudoxanthomonas wuyuanensis (WP 097120318)
Arenimonas malthae (WP 043801256)
Arenimonas donghaensis (WP 034220486)
Arenimonas metalli (WP 034210967)
Pseudoxanthomonas sp. CF125 (WP 093280052)
Arenimonas oryziterrae (WP 022968790)
Stenotrophomonas sp. BIIR7 (WP 070209220)
Stenotrophomonas sp. (WP 019184354)
Stenotrophomonas humi (WP 057635333)
Stenotrophomonas rhizophila (WP 038687645)
Stenotrophomonas maltophilia (WP 049469052)
Stenotrophomonas maltophilia (WP 100460444)
Xanthomonadaceae WP 006376530
Lysobacter antibioticus (WP 064748274)
Lysobacter gummosus (WP 057945438)
Lysobacter capsici (WP 036104377)
Xylella fastidiosa (KXB20915)
Xylella fastidiosa Temecula1 (AAO29634)
clade A
0.1
bootstrap support
<60
60~79
80~100