

Sulfolobus solfataricus AAK41461
Kineococcus radiotolerans EAM76057

clade D

Desulfotalea psychrophila CAG35579
Cytophaga hutchinsonii WP 011583929
uncultured Flavobacteria bacterium CCG00321
uncultured Flavobacteria bacterium CCG00897
uncultured Flavobacteria bacterium CCG00163
Nitritalea halalkaliphila EIM74478
Sediminibacterium salmoneum WP 051417315
Cyclobacterium marinum WP 014022144
Cyclobacterium qasimii EPR68077
Echinicola vietnamensis AGA80090

clade C

Rickettsiella grylli WP 006035184
Coxiellaceae bacterium RDH39902
Candidatus Rickettsiella isopodorum WP 071662854
Diplorickelesia massiliensis WP 010597801
Verrucomicrobia bacterium PWJ06889
Alphaproteobacteria bacterium OYZ38148
Rickettsia endosymbiont of Culicoides newsteadi (WP 094649796)
Candidatus Paenicardinium endonii
Verrucomicrobia bacterium OHE70874
Gammaproteobacteria bacterium OGT45870
Gammaproteobacteria bacterium OGT65167
uncultured bacterium EKD73706
Candidatus Berkiella cookevillensis WP 057624518
Coxiellaceae bacterium KRG18532
Gammaproteobacteria bacterium OJV87784
Gammaproteobacteria bacterium PIZ04674
Gammaproteobacteria bacterium OGT43564
uncultured bacterium EKD77293
Coxiellaceae bacterium KRG22553
Coxiella burnetii ACJ21025
bacterium 2013Arg42i CUT17795
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

cCpun
Thauera sp. K11 WP 096451087
Thauera linaloolentis WP 004340160
Rhodocyclaceae bacterium Paddy-1 WP 054619844
Prostheobacter debontii WP 078812725
Luteimonas mephitis WP 027079995
Lysobacter sp. Root494 WP 056131435
Luteimonas abyssii WP 058834736
Pseudoxanthomonas wuyuanensis WP 097120318
Arenimonas malthae WP 043801256
Arenimonas donghaensis WP 034220486
Arenimonas metalli WP 034210967
Pseudoxanthomonas sp. CF125 WP 093280052
Arenimonas oryzziterrae 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

