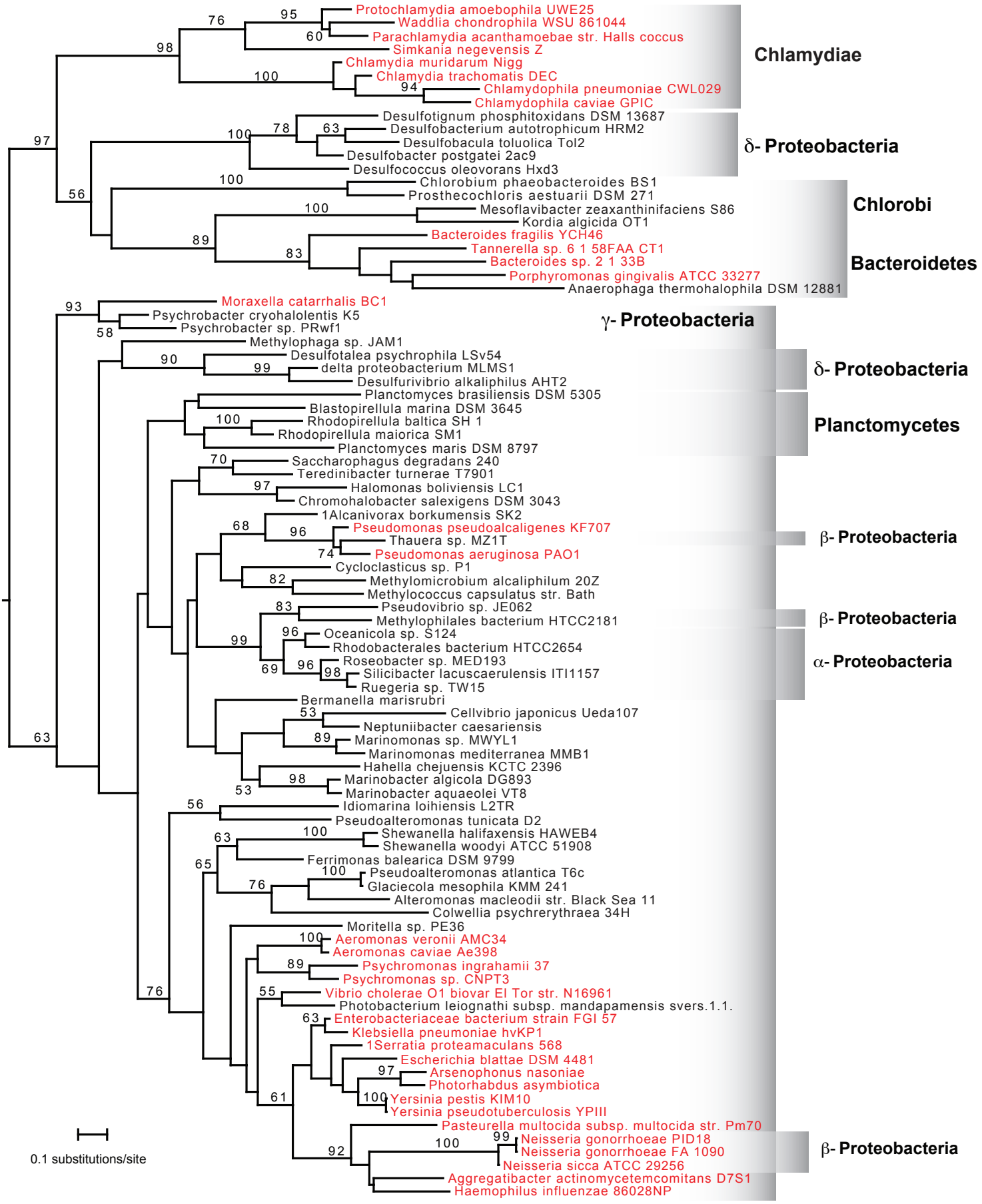
Figure S9


Protochlamydia amoebophila UWE25
Waddlia chondrophila WSU 861044
Parachlamydia acanthamoebae str. Halls coccus
Simkania negevensis Z
Chlamydia muridarum Nigg
Chlamydia trachomatis DEC
Chlamydophila pneumoniae CWL029
Chlamydophila caviae GPIC
Chlamydiae
Desulfotignum phosphitoxidans DSM 13687
Desulfobacterium autotrophicum HRM2
Desulfobacula toluolica Tol2
Desulfobacter postgatei 2ac9
Desulfococcus oleovorans Hxd3
δ- Proteobacteria
Chlorobium phaeobacteroides BS1
Prosthecochloris aestuarii DSM 271
Chlorobi
Mesoflavibacter zeaxanthinifaciens S86
Kordia algicida OT1
Bacteroides fragilis YCH46
Tannerella sp. 6 1 58FAA CT1
Bacteroides sp. 2 1 33B
Porphyromonas gingivalis ATCC 33277
Anaerophaga thermohalophila DSM 12881
Bacteroidetes
Moraxella catarrhalis BC1
Psychrobacter cryohalolentis K5
Psychrobacter sp. PRwf1
γ- Proteobacteria
Methylophaga sp. JAM1
Desulfotalea psychrophila LSv54
delta proteobacterium MLMS1
Desulfurivibrio alkaliphilus AHT2
δ- Proteobacteria
Planctomyces brasiliensis DSM 5305
Blastopirellula marina DSM 3645
Rhodopirellula baltica SH 1
Rhodopirellula maiorica SM1
Planctomyces maris DSM 8797
Planctomycetes
Saccharophagus degradans 240
Teredinibacter turnerae T7901
Halomonas boliviensis LC1
Chromohalobacter salexigens DSM 3043
1Alcanivorax borkumensis SK2
Pseudomonas pseudoalcaligenes KF707
Thauera sp. MZ1T
Pseudomonas aeruginosa PAO1
β- Proteobacteria
Cycloclasticus sp. P1
Methylomicrobium alcaliphilum 20Z
Methylococcus capsulatus str. Bath
Pseudovibrio sp. JE062
Methylophilales bacterium HTCC2181
β- Proteobacteria
Oceanicola sp. S124
Rhodobacterales bacterium HTCC2654
Roseobacter sp. MED193
Silicibacter lacuscaerulensis ITI1157
Ruegeria sp. TW15
α- Proteobacteria
Bermanella marisrubri
Cellvibrio japonicus Ueda107
Neptuniibacter caesariensis
Marinomonas sp. MWYL1
Marinomonas mediterranea MMB1
Hahella chejuensis KCTC 2396
Marinobacter algicola DG893
Marinobacter aquaeolei VT8
Idiomarina loihiensis L2TR
Pseudoalteromonas tunicata D2
Shewanella halifaxensis HAWEB4
Shewanella woodyi ATCC 51908
Ferrimonas balearica DSM 9799
Pseudoalteromonas atlantica T6c
Glaciecola mesophila KMM 241
Alteromonas macleodii str. Black Sea 11
Colwellia psychrerythraea 34H
Moritella sp. PE36
Aeromonas veronii AMC34
Aeromonas caviae Ae398
Psychromonas ingrahamii 37
Psychromonas sp. CNPT3
Vibrio cholerae O1 biovar El Tor str. N16961
Photobacterium leiognathi subsp. mandapamensis svers.1.1.
Enterobacteriaceae bacterium strain FGI 57
Klebsiella pneumoniae hvKP1
1Serratia proteamaculans 568
Escherichia blattae DSM 4481
Arsenophonus nasoniae
Photorhabdus asymbiotica
Yersinia pestis KIM10
Yersinia pseudotuberculosis YPIII
Pasteurella multocida subsp. multocida str. Pm70
Neisseria gonorrhoeae PID18
Neisseria gonorrhoeae FA 1090
Neisseria sicca ATCC 29256
Aggregatibacter actinomycetemcomitans D7S1
Haemophilus influenzae 86028NP
β- Proteobacteria
0.1 substitutions/site