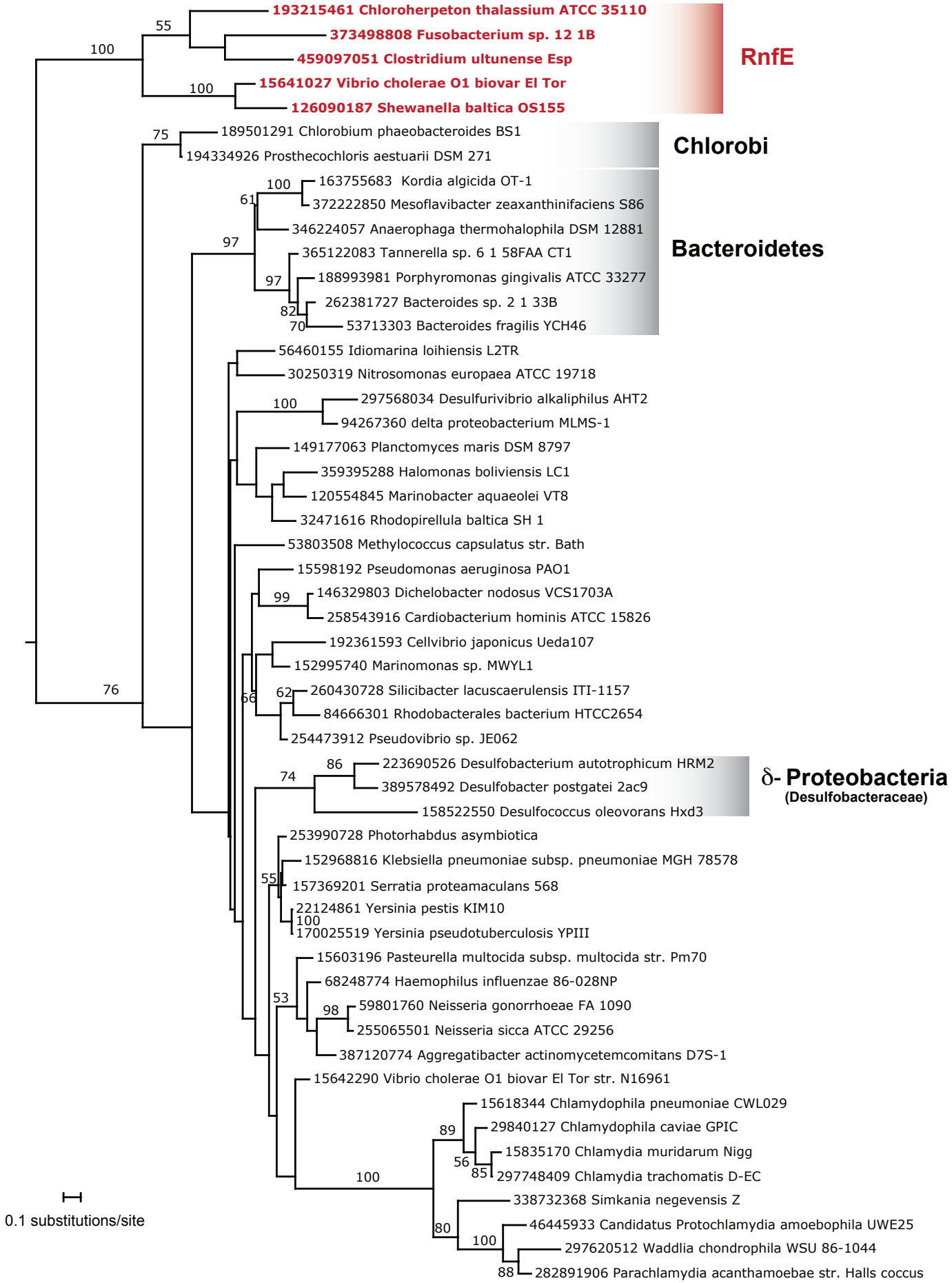
Figure S4


193215461 Chloroherpeton thalassium ATCC 35110
373498808 Fusobacterium sp. 12 1B
459097051 Clostridium ultunense Esp
15641027 Vibrio cholerae O1 biovar El Tor
126090187 Shewanella baltica OS155
RnfE
189501291 Chlorobium phaeobacteroides BS1
194334926 Prosthecochloris aestuarii DSM 271
Chlorobi
163755683 Kordia algicida OT-1
372222850 Mesoflavibacter zeaxanthinifaciens S86
346224057 Anaerophaga thermohalophila DSM 12881
365122083 Tannerella sp. 6 1 58FAA CT1
188993981 Porphyromonas gingivalis ATCC 33277
262381727 Bacteroides sp. 2 1 33B
53713303 Bacteroides fragilis YCH46
Bacteroidetes
56460155 Idiomarina loihiensis L2TR
30250319 Nitrosomonas europaea ATCC 19718
297568034 Desulfurivibrio alkaliphilus AHT2
94267360 delta proteobacterium MLMS-1
149177063 Planctomyces maris DSM 8797
359395288 Halomonas boliviensis LC1
120554845 Marinobacter aquaeolei VT8
32471616 Rhodopirellula baltica SH 1
53803508 Methylococcus capsulatus str. Bath
15598192 Pseudomonas aeruginosa PAO1
146329803 Dichelobacter nodosus VCS1703A
258543916 Cardiobacterium hominis ATCC 15826
192361593 Cellvibrio japonicus Ueda107
152995740 Marinomonas sp. MWYL1
260430728 Silicibacter lacuscaerulensis ITI-1157
84666301 Rhodobacterales bacterium HTCC2654
254473912 Pseudovibrio sp. JE062
223690526 Desulfobacterium autotrophicum HRM2
389578492 Desulfobacter postgatei 2ac9
158522550 Desulfococcus oleovorans Hxd3
δ- Proteobacteria
(Desulfobacteraceae)
253990728 Photorhabdus asymbiotica
152968816 Klebsiella pneumoniae subsp. pneumoniae MGH 78578
157369201 Serratia proteamaculans 568
22124861 Yersinia pestis KIM10
170025519 Yersinia pseudotuberculosis YPIII
15603196 Pasteurella multocida subsp. multocida str. Pm70
68248774 Haemophilus influenzae 86-028NP
59801760 Neisseria gonorrhoeae FA 1090
255065501 Neisseria sicca ATCC 29256
387120774 Aggregatibacter actinomycetemcomitans D7S-1
15642290 Vibrio cholerae O1 biovar El Tor str. N16961
15618344 Chlamydophila pneumoniae CWL029
29840127 Chlamydophila caviae GPIC
15835170 Chlamydia muridarum Nigg
297748409 Chlamydia trachomatis D-EC
338732368 Simkania negevensis Z
46445933 Candidatus Protochlamydia amoebophila UWE25
297620512 Waddlia chondrophila WSU 86-1044
282891906 Parachlamydia acanthamoebae str. Halls coccus
0.1 substitutions/site