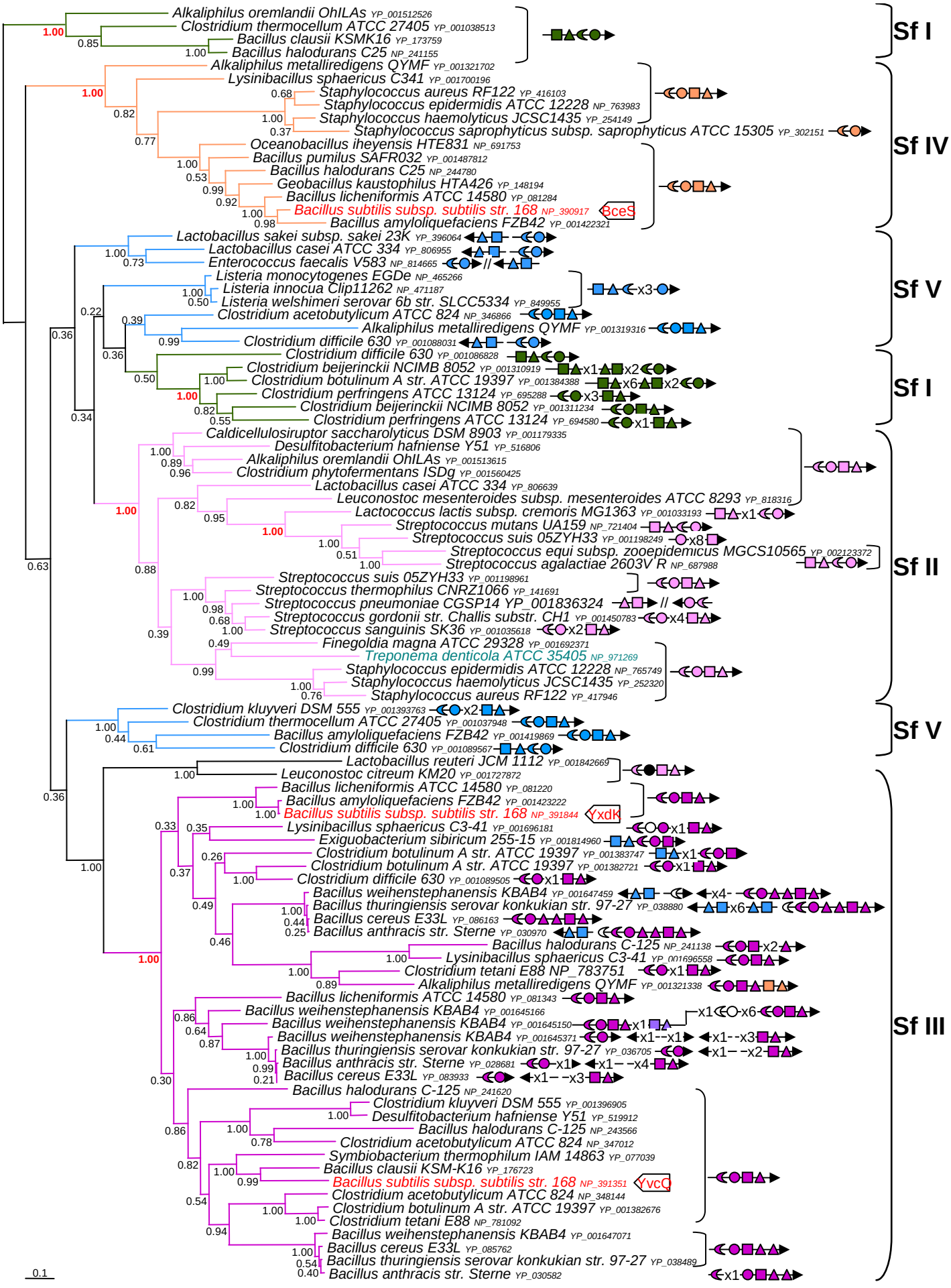
Alkaliphilus oremlandii OhILAs YP_001512526
Clostridium thermocellum ATCC 27405 YP_001038513
Bacillus clausii KSMK16 YP_173759
Bacillus halodurans C25 NP_241155
Sf I
Alkaliphilus metalliredigens QYMF YP_001321702
Lysinibacillus sphaericus C341 YP_001700196
Staphylococcus aureus RF122 YP_416103
Staphylococcus epidermidis ATCC 12228 NP_763983
Staphylococcus haemolyticus JCSC1435 YP_254149
Staphylococcus saprophyticus subsp. saprophyticus ATCC 15305 YP_302151
Oceanobacillus iheyensis HTE831 NP_691753
Bacillus pumilus SAFR032 YP_001487812
Bacillus halodurans C25 NP_244780
Geobacillus kaustophilus HTA426 YP_148194
Bacillus licheniformis ATCC 14580 YP_081284
Bacillus subtilis subsp. subtilis str. 168 NP_390917
BceS
Bacillus amyloliquefaciens FZB42 YP_001422321
Sf IV
Lactobacillus sakei subsp. sakei 23K YP_396064
Lactobacillus casei ATCC 334 YP_806955
Enterococcus faecalis V583 NP_814665
Listeria monocytogenes EGDe NP_465266
Listeria innocua Clip11262 NP_471187
Listeria welshimeri serovar 6b str. SLCC5334 YP_849955
Clostridium acetobutylicum ATCC 824 NP_346866
Alkaliphilus metalliredigens QYMF YP_001319316
Clostridium difficile 630 YP_001088031
Sf V
Clostridium difficile 630 YP_001086828
Clostridium beijerinckii NCIMB 8052 YP_001310919
Clostridium botulinum A str. ATCC 19397 YP_001384388
Clostridium perfringens ATCC 13124 YP_695288
Clostridium beijerinckii NCIMB 8052 YP_001311234
Clostridium perfringens ATCC 13124 YP_694580
Sf I
Caldicellulosiruptor saccharolyticus DSM 8903 YP_001179335
Desulfitobacterium hafniense Y51 YP_516806
Alkaliphilus oremlandii OhILAs YP_001513615
Clostridium phytofermentans ISDg YP_001560425
Lactobacillus casei ATCC 334 YP_806639
Leuconostoc mesenteroides subsp. mesenteroides ATCC 8293 YP_818316
Lactococcus lactis subsp. cremoris MG1363 YP_001033193
Streptococcus mutans UA159 NP_721404
Streptococcus suis 05ZYH33 YP_001198249
Streptococcus equi subsp. zooepidemicus MGCS10565 YP_002123372
Streptococcus agalactiae 2603V R NP_687988
Streptococcus suis 05ZYH33 YP_001198961
Streptococcus thermophilus CNRZ1066 YP_141691
Streptococcus pneumoniae CGSP14 YP_001836324
Streptococcus gordonii str. Challis substr. CH1 YP_001450783
Streptococcus sanguinis SK36 YP_001035618
Finegoldia magna ATCC 29328 YP_001692371
Treponema denticola ATCC 35405 NP_971269
Staphylococcus epidermidis ATCC 12228 NP_765749
Staphylococcus haemolyticus JCSC1435 YP_252320
Staphylococcus aureus RF122 YP_417946
Sf II
Clostridium kluyveri DSM 555 YP_001393763
Clostridium thermocellum ATCC 27405 YP_001037948
Bacillus amyloliquefaciens FZB42 YP_001419869
Clostridium difficile 630 YP_001089567
Sf V
Lactobacillus reuteri JCM 1112 YP_001842669
Leuconostoc citreum KM20 YP_001727872
Bacillus licheniformis ATCC 14580 YP_081220
Bacillus amyloliquefaciens FZB42 YP_001423222
Bacillus subtilis subsp. subtilis str. 168 NP_391844
YxdK
Lysinibacillus sphaericus C3-41 YP_001696181
Exiguobacterium sibiricum 255-15 YP_001814960
Clostridium botulinum A str. ATCC 19397 YP_001383747
Clostridium botulinum A str. ATCC 19397 YP_001382721
Clostridium difficile 630 YP_001089505
Bacillus weihenstephanensis KBAB4 YP_001647459
Bacillus thuringiensis serovar konkukian str. 97-27 YP_038880
Bacillus cereus E33L YP_086163
Bacillus anthracis str. Sterne YP_030970
Bacillus halodurans C-125 NP_241138
Lysinibacillus sphaericus C3-41 YP_001696558
Clostridium tetani E88 NP_783751
Alkaliphilus metalliredigens QYMF YP_001321338
Bacillus licheniformis ATCC 14580 YP_081343
Bacillus weihenstephanensis KBAB4 YP_001645166
Bacillus weihenstephanensis KBAB4 YP_001645150
Bacillus weihenstephanensis KBAB4 YP_001645371
Bacillus thuringiensis serovar konkukian str. 97-27 YP_036705
Bacillus anthracis str. Sterne YP_028681
Bacillus cereus E33L YP_083933
Bacillus halodurans C-125 NP_241620
Clostridium kluyveri DSM 555 YP_001396905
Desulfitobacterium hafniense Y51 YP_519912
Bacillus halodurans C-125 NP_243566
Clostridium acetobutylicum ATCC 824 NP_347012
Symbiobacterium thermophilum IAM 14863 YP_077039
Bacillus clausii KSM-K16 YP_176723
Bacillus subtilis subsp. subtilis str. 168 NP_391351
YvcQ
Clostridium acetobutylicum ATCC 824 NP_348144
Clostridium botulinum A str. ATCC 19397 YP_001382676
Clostridium tetani E88 NP_781092
Bacillus weihenstephanensis KBAB4 YP_001647071
Bacillus cereus E33L YP_085762
Bacillus thuringiensis serovar konkukian str. 97-27 YP_038489
Bacillus anthracis str. Sterne YP_030582
Sf III
0.1