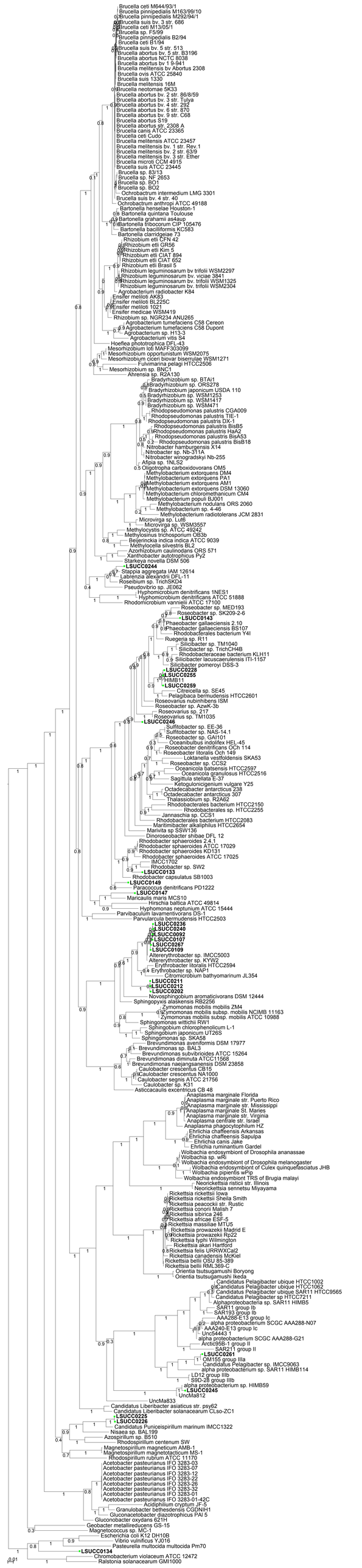
Brucella ceti M644/93/1
Brucella pinnipedialis M163/99/10
Brucella pinnipedialis M292/94/1
Brucella suis bv. 3 str. 686
Brucella ceti M13/05/1
Brucella sp. F5/99
Brucella pinnipedialis B2/94
Brucella ceti B1/94
Brucella suis bv. 5 str. 513
Brucella abortus bv. 5 str. B3196
Brucella abortus NCTC 8038
Brucella abortus bv 1 9-941
Brucella melitensis bv Abortus 2308
Brucella ovis ATCC 25840
Brucella suis 1330
Brucella melitensis 16M
Brucella neotomae 5K33
Brucella abortus bv. 2 str. 86/8/59
Brucella abortus bv. 3 str. Tulya
Brucella abortus bv. 4 str. 292
Brucella abortus bv. 6 str. 870
Brucella abortus bv. 9 str. C68
Brucella abortus S19
Brucella abortus str. 2308 A
Brucella canis ATCC 23365
Brucella ceti Cudo
Brucella melitensis ATCC 23457
Brucella melitensis bv. 1 str. Rev.1
Brucella melitensis bv. 2 str. 63/9
Brucella melitensis bv. 3 str. Ether
Brucella microti CCM 4915
Brucella suis ATCC 23445
Brucella sp. 83/13
Brucella sp. NF 2653
Brucella sp. BO1
Brucella sp. BO2
Ochrobactrum intermedium LMG 3301
Brucella suis bv. 4 str. 40
Ochrobactrum anthropi ATCC 49188
Bartonella henselae Houston-1
Bartonella quintana Toulouse
Bartonella grahamii as4aup
Bartonella tribocorum CIP 105476
Bartonella bacilliformis KC583
Bartonella clarridgeiae 73
Rhizobium etli CFN 42
Rhizobium etli GR56
Rhizobium etli Kim 5
Rhizobium etli CIAT 894
Rhizobium etli CIAT 652
Rhizobium etli Brasil 5
Rhizobium leguminosarum bv trifolii WSM2297
Rhizobium leguminosarum bv. viciae 3841
Rhizobium leguminosarum bv. trifolii WSM1325
Rhizobium leguminosarum bv. trifolii WSM2304
Agrobacterium radiobacter K84
Ensifer meliloti AK83
Ensifer meliloti BL225C
Ensifer meliloti 1021
Ensifer medicae WSM419
Rhizobium sp. NGR234 ANU265
Agrobacterium tumefaciens C58 Cereon
Agrobacterium tumefaciens C58 Dupont
Agrobacterium sp. H13-3
Agrobacterium vitis S4
Hoeflea phototrophica DFL-43
Mesorhizobium loti MAFF303099
Mesorhizobium opportunistum WSM2075
Mesorhizobium ciceri biovar biserrulae WSM1271
Fulvimarina pelagi HTCC2506
Mesorhizobium sp. BNC1
Ahrensia sp. R2A130
Bradyrhizobium sp. BTAi1
Bradyrhizobium sp. ORS278
Bradyrhizobium japonicum USDA 110
Bradyrhizobium sp. WSM1253
Bradyrhizobium sp. WSM1417
Bradyrhizobium sp. WSM471
Rhodopseudomonas palustris CGA009
Rhodopseudomonas palustris TIE-1
Rhodopseudomonas palustris DX-1
Rhodopseudomonas palustris BisB5
Rhodopseudomonas palustris HaA2
Rhodopseudomonas palustris BisA53
Rhodopseudomonas palustris BisB18
Nitrobacter hamburgensis X14
Nitrobacter sp. Nb-311A
Nitrobacter winogradskyi Nb-255
Afipia sp. 1NLS2
Oligotropha carboxidovorans OM5
Methylobacterium extorquens DM4
Methylobacterium extorquens PA1
Methylobacterium extorquens AM1
Methylobacterium extorquens DSM 13060
Methylobacterium chloromethanicum CM4
Methylobacterium populi BJ001
Methylobacterium nodulans ORS 2060
Methylobacterium sp. 4-46
Methylobacterium radiotolerans JCM 2831
Microvirga sp. Lut6
Microvirga sp. WSM3557
Methylocystis sp. ATCC 49242
Methylosinus trichosporium OB3b
Beijerinckia indica indica ATCC 9039
Methyloceila silvestris BL2
Azorhizobium caulinodans ORS 571
Xanthobacter autotrophicus Py2
Starkeya novella DSM 506
LSUCC0244
Stappia aggregata IAM 12614
Labrenzia alexandrii DFL-11
Roseibium sp. TrichSKD4
Pseudovibrio sp. JE062
Hyphomicrobium denitrificans 1NES1
Hyphomicrobium denitrificans ATCC 51888
Rhodomicrobium vannielii ATCC 17100
Roseobacter sp. MED193
Roseobacter sp. SK209-2-6
LSUCC0143
Phaeobacter gallaeciensis 2.10
Phaeobacter gallaeciensis BS107
Rhodobacterales bacterium Y4I
Ruegeria sp. R11
Silicibacter sp. TM1040
Silicibacter sp. TrichCH4B
Rhodobacteraceae bacterium KLH11
Silicibacter lacuscaerulensis ITI-1157
Silicibacter pomeroyi DSS-3
LSUCC0228
LSUCC0255
HIMB11
LSUCC0259
Citreicella sp. SE45
Pelagibaca bermudensis HTCC2601
Roseovarius nubinhibens ISM
Roseobacter sp. AzwK-3b
Roseovarius sp. 217
Roseovarius sp. TM1035
LSUCC0246
Sulfitobacter sp. EE-36
Sulfitobacter sp. NAS-14.1
Roseobacter sp. GAI101
Oceanibulbus indolifex HEL-45
Roseobacter denitrificans OCh 114
Roseobacter litoralis Och 149
Loktanella vestfoldensis SKA53
Roseobacter sp. CCS2
Oceanicola batsensis HTCC2597
Oceanicola granulosus HTCC2516
Sagittula stellata E-37
Ketogulonicigenium vulgare Y25
Octadecabacter antarcticus 238
Octadecabacter antarcticus 307
Thalassobium sp. R2A62
Rhodobacterales bacterium HTCC2150
Rhodobacterales sp. HTCC2255
Jannaschia sp. CCS1
Rhodobacterales bacterium HTCC2083
Maritimibacter alkaliphilus HTCC2654
Marivita sp SSW136
Dinoroseobacter shibae DFL 12
Rhodobacter sphaeroides 2.4.1
Rhodobacter sphaeroides ATCC 17029
Rhodobacter sphaeroides KD131
Rhodobacter sphaeroides ATCC 17025
IMCC1702
Rhodobacter sp. SW2
LSUCC0133
Rhodobacter capsulatus SB1003
LSUCC0149
Paracoccus denitrificans PD1222
LSUCC0147
Maricaulis maris MCS10
Hirschia baltica ATCC 49814
Hyphomonas neptunium ATCC 15444
Parvibaculum lavamentivorans DS-1
Parvularcula bermudensis HTCC2503
LSUCC0236
LSUCC0240
LSUCC0092
LSUCC0107
LSUCC0267
LSUCC0109
Altererythrobacter sp. IMCC5003
Altererythrobacter sp. KYW2
Erythrobacter litoralis HTCC2594
Erythrobacter sp. NAP1
Citromicrobium bathyomarinum JL354
LSUCC0211
LSUCC0212
LSUCC0202
Novosphingobium aromaticivorans DSM 12444
Sphingopyxis alaskensis RB2256
Zymomonas mobilis mobilis ZM4
Zymomonas mobilis subsp. mobilis NCIMB 11163
Zymomonas mobilis subsp. mobilis ATCC 10988
Sphingomonas wittichii RW1
Sphingobium chlorophenolicum L-1
Sphingobium japonicum UT26S
Sphingomonas sp. SKA58
Brevundimonas aveniformis DSM 17977
Brevundimonas sp. BAL3
Brevundimonas subvibrioides ATCC 15264
Brevundimonas diminuta ATCC11568
Brevundimonas naejangsanensis DSM 23858
Caulobacter crescentus CB15
Caulobacter crescentus NA1000
Caulobacter segnis ATCC 21758
Caulobacter sp. K31
Asticcacaulis excentricus CB 48
Anaplasma marginale Florida
Anaplasma marginale str. Puerto Rico
Anaplasma marginale str. Mississippi
Anaplasma marginale St. Maries
Anaplasma marginale str. Virginia
Anaplasma centrale str. Israel
Anaplasma phagocytophilum HZ
Ehrlichia chaffeensis Arkansas
Ehrlichia chaffeensis Sapulpa
Ehrlichia canis Jake
Ehrlichia ruminantium Gardel
Wolbachia endosymbiont of Drosophila ananassae
Wolbachia sp. wRi
Wolbachia endosymbiont of Drosophila melanogaster
Wolbachia endosymbiont of Culex quinquefasciatus JHB
Wolbachia pipientis wPip
Wolbachia endosymbiont TRS of Brugia malayi
Neorickettsia risticii str. Illinois
Neorickettsia sennetsu Miyayama
Rickettsia rickettsii Iowa
Rickettsia rickettsii Sheila Smith
Rickettsia peacockii str. Rustic
Rickettsia conorii Malish 7
Rickettsia sibirica 246
Rickettsia africae ESF-5
Rickettsia massiliae MTU5
Rickettsia prowazekii Madrid E
Rickettsia prowazekii Rp22
Rickettsia typhi Wilmington
Rickettsia akari Hartford
Rickettsia felis URRWXCal2
Rickettsia canadensis McKiel
Rickettsia bellii OSU 85-389
Rickettsia bellii RML369-C
Orientia tsutsugamushi Boryong
Orientia tsutsugamushi Ikeda
Candidatus Pelagibacter ubique HTCC1002
Candidatus Pelagibacter ubique HTCC1062
Candidatus Pelagibacter ubique SAR11 HTCC9565
Candidatus Pelagibacter sp HTCC7211
Alphaproteobacteria sp. SAR11 HIMB5
SAR11 group Ib
SAR193 Group Ib
AAA286-E13 group Ic
alpha proteobacterium SCGC AAA288-N07
AAA240-E13 group Ic
Unc54443 1
alpha proteobacterium SCGC AAA288-G21
Arctic95B-1 group II
SAR211 group II
LSUCC0261
OM155 group IIIa
Candidatus Pelagibacter sp. IMCC9063
alpha proteobacterium sp. SAR11 HIMB114
LD12 group IIIb
SB0-28 group IIIb
alpha proteobacterium sp. HIMB59
LSUCC0245
UncMa812
UncMa833
Candidatus Liberibacter asiaticus str. psy62
Candidatus Liberibacter solanacearum CLso-ZC1
LSUCC0225
LSUCC0226
Candidatus Puniceispirillum marinum IMCC1322
Nisaea sp. BAL199
Azospirillum sp. B510
Rhodospirillum centenum SW
Magnetospirillum magneticum AMB-1
Magnetospirillum magnetotacticum MS-1
Rhodospirillum rubrum ATCC 11170
Acetobacter pasteurianus IFO 3283-03
Acetobacter pasteurianus IFO 3283-07
Acetobacter pasteurianus IFO 3283-12
Acetobacter pasteurianus IFO 3283-22
Acetobacter pasteurianus IFO 3283-26
Acetobacter pasteurianus IFO 3283-32
Acetobacter pasteurianus IFO 3283-01
Acetobacter pasteurianus IFO 3283-01-42C
Acidiphilium cryptum JF-5
Granulobacter bethesdensis CGDNIH1
Gluconacetobacter diazotrophicus PAl 5
Gluconobacter oxydans 621H
Geobacter metallireducens GS-15
Magnetococcus sp. MC-1
Escherichia coli K12 DH10B
Vibrio vulnificus YJ016
Pasteurella multocida multocida Pm70
LSUCC0134
Chromobacterium violaceum ATCC 12472
Ralstonia solanacearum GMI1000