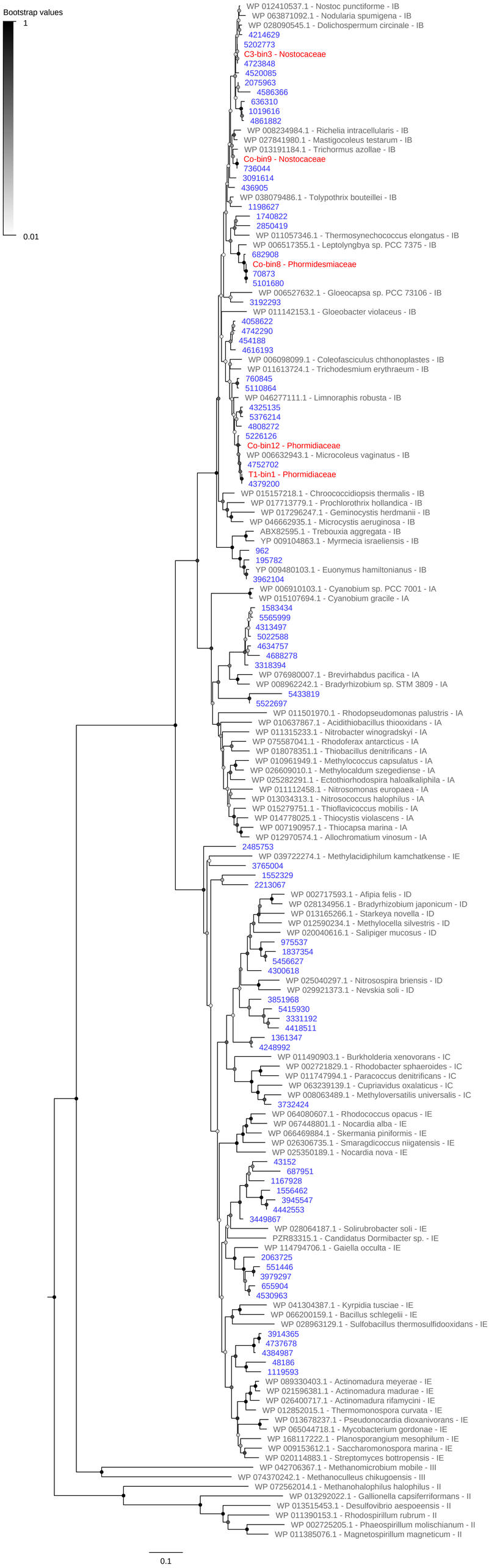
Bootstrap values
1
0.01
WP 012410537.1 - Nostoc punctiforme - IB
WP 063871092.1 - Nodularia spumigena - IB
WP 028090545.1 - Dolichospermum circinale - IB
4214629
5202773
C3-bin3 - Nostocaceae
4723848
4520085
2075963
4586366
636310
1019616
4861882
WP 008234984.1 - Richelia intracellularis - IB
WP 027841980.1 - Mastigocoleus testarum - IB
WP 013191184.1 - Trichormus azollae - IB
Co-bin9 - Nostocaceae
736044
3091614
436905
WP 038079486.1 - Tolypothrix bouteillei - IB
1198627
1740822
2850419
WP 011057346.1 - Thermosynechococcus elongatus - IB
WP 006517355.1 - Leptolyngbya sp. PCC 7375 - IB
682908
Co-bin8 - Phormidesmiaceae
70873
5101680
WP 006527632.1 - Gloeocapsa sp. PCC 73106 - IB
3192293
WP 011142153.1 - Gloeobacter violaceus - IB
4058622
4742290
454188
4616193
WP 006098099.1 - Coleofasciculus chthonoplastes - IB
WP 011613724.1 - Trichodesmium erythraeum - IB
760845
5110864
WP 046277111.1 - Limnoraphis robusta - IB
4325135
5376214
4808272
5226126
Co-bin12 - Phormidiaceae
WP 006632943.1 - Microcoleus vaginatus - IB
4752702
T1-bin1 - Phormidiaceae
4379200
WP 015157218.1 - Chroococcidiopsis thermalis - IB
WP 017713779.1 - Prochlorothrix hollandica - IB
WP 017296247.1 - Geminocystis herdmanii - IB
WP 046662935.1 - Microcystis aeruginosa - IB
ABX82595.1 - Trebouxia aggregata - IB
YP 009104863.1 - Myrmecia israeliensis - IB
962
195782
YP 009480103.1 - Euonymus hamiltonianus - IB
3962104
WP 006910103.1 - Cyanobium sp. PCC 7001 - IA
WP 015107694.1 - Cyanobium gracile - IA
1583434
5565999
4313497
5022588
4634757
4688278
3318394
WP 076980007.1 - Brevirhabdus pacifica - IA
WP 008962242.1 - Bradyrhizobium sp. STM 3809 - IA
5433819
5522697
WP 011501970.1 - Rhodopseudomonas palustris - IA
WP 010637867.1 - Acidithiobacillus thiooxidans - IA
WP 011315233.1 - Nitrobacter winogradskyi - IA
WP 075587041.1 - Rhodoferax antarcticus - IA
WP 018078351.1 - Thiobacillus denitrificans - IA
WP 010961949.1 - Methylococcus capsulatus - IA
WP 026609010.1 - Methylocaldum szegediense - IA
WP 025282291.1 - Ectothiorhodospira haloalkaliphila - IA
WP 011112458.1 - Nitrosomonas europaea - IA
WP 013034313.1 - Nitrosococcus halophilus - IA
WP 015279751.1 - Thioflavicoccus mobilis - IA
WP 014778025.1 - Thiocystis violascens - IA
WP 007190957.1 - Thiocapsa marina - IA
WP 012970574.1 - Allochromatium vinosum - IA
2485753
WP 039722274.1 - Methylacidiphilum kamchatkense - IE
3765004
1552329
2213067
WP 002717593.1 - Afipia felis - ID
WP 028134956.1 - Bradyrhizobium japonicum - ID
WP 013165266.1 - Starkeya novella - ID
WP 012590234.1 - Methylocella silvestris - ID
WP 020040616.1 - Salipiger mucosus - ID
975537
1837354
5456627
4300618
WP 025040297.1 - Nitrosospira briensis - ID
WP 029921373.1 - Nevskia soli - ID
3851968
5415930
3331192
4418511
1361347
4248992
WP 011490903.1 - Burkholderia xenovorans - IC
WP 002721829.1 - Rhodobacter sphaeroides - IC
WP 011747994.1 - Paracoccus denitrificans - IC
WP 063239139.1 - Cupriavidus oxalaticus - IC
WP 008063489.1 - Methyloversatilis universalis - IC
3732424
WP 064080607.1 - Rhodococcus opacus - IE
WP 067448801.1 - Nocardia alba - IE
WP 066469884.1 - Skermania piniformis - IE
WP 026306735.1 - Smaragdicoccus niigatensis - IE
WP 025350189.1 - Nocardia nova - IE
43152
687951
1167928
1556462
3945547
4442553
3449867
WP 028064187.1 - Solirubrobacter soli - IE
PZR83315.1 - Candidatus Dormibacter sp. - IE
WP 114794706.1 - Gaiella occulta - IE
2063725
551446
3979297
655904
4530963
WP 041304387.1 - Kyrpidia tusciae - IE
WP 066200159.1 - Bacillus schlegelii - IE
WP 028963129.1 - Sulfobacillus thermosulfidooxidans - IE
3914365
4737678
4384987
48186
1119593
WP 089330403.1 - Actinomadura meyerae - IE
WP 021596381.1 - Actinomadura madurae - IE
WP 026400717.1 - Actinomadura rifamycini - IE
WP 012852015.1 - Thermomonospora curvata - IE
WP 013678237.1 - Pseudonocardia dioxanivorans - IE
WP 065044718.1 - Mycobacterium gordonae - IE
WP 168117222.1 - Planosporangium mesophilum - IE
WP 009153612.1 - Saccharomonospora marina - IE
WP 020114883.1 - Streptomyces bottropensis - IE
WP 042706367.1 - Methanomicrobium mobile - III
WP 074370242.1 - Methanoculleus chikugoensis - III
WP 072562014.1 - Methanohalophilus halophilus - II
WP 013292022.1 - Gallionella capsiferriformans - II
WP 013515453.1 - Desulfovibrio aespoeensis - II
WP 011390153.1 - Rhodospirillum rubrum - II
WP 002725205.1 - Phaeospirillum molischianum - II
WP 011385076.1 - Magnetospirillum magneticum - II
0.1