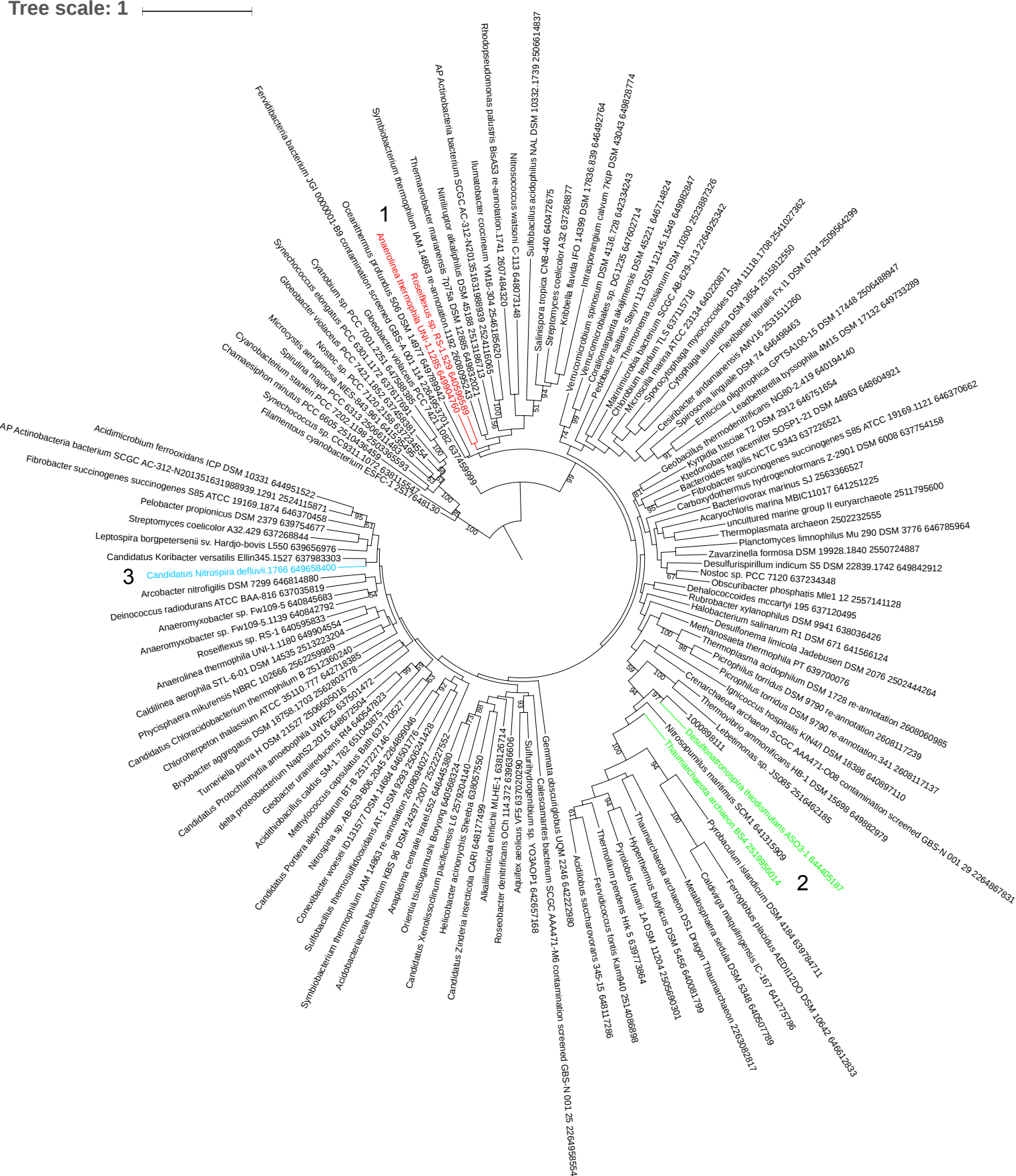
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1
2
3
Anaerolinea thermophila UNI-1.1265 649994160
Roseiflexus sp. RS-1.529 640856689
Candidatus Nitrospira defluvii.1766 649658400
Desulfonatronospira thiodismutans ASO3-1 644405187
Thaumarchaeota archaeon BS4 2519956014
Fervidibacteria bacterium JGI 000001-B9 contamination screened GBS-A 001 114 2264945701
Symbiobacterium thermophilum IAM 14863 re-annotation.1192 2608095243
Oceanithermus profundus 506 DSM 14977 649789942
Synechococcus elongatus PCC 7001.2251 647588386
Globeobacter violaceus PCC 7421.1652 637451381
Cyanobium sp. PCC 7001.1172 637617691
Microcystis aeruginosa NIES-843.961 641533495
Nostoc sp. PCC 7120.2156 637454454
Spirulina major PCC 6313.950661 641533495
Cyanobacterium stanieri PCC 7202.1192 650366593
Chamaesiphon minutus PCC 6605 2510434459
Synechococcus sp. CC9311.1072 638115547
Filamentous cyanobacterium ESFC-1 2517648130
Acidimicrobium ferrooxidans ICP DSM 10331 644951522
AP Actinobacteria bacterium SCGC AC-312-N2013516319889391291 2524115871
Fibrobacter succinogenes succinogenes S85 ATCC 19169.1874 646370458
Pelobacter propionicus DSM 2379 639754677
Streptomyces coelicolor A32.429 637268844
Leptospira borgpetersenii sv. Hardjo-bovis L550 639656976
Candidatus Koribacter versatilis Ellin345.1527 637983303
Arcobacter nitrofigilis DSM 7299 646814880
Deinococcus radiodurans ATCC BAA-816 637035819
Anaeromyxobacter sp. Fw109-5 640845683
Anaeromyxobacter sp. Fw109-5.1139 640842792
Roseiflexus sp. RS-1 640595833
Anaerolinea thermophila UNI-1.1180 649904554
Caldilinea aerophila STL-6-01 DSM 14535 2513223204
Physicsphaera mikurensis NBRC 102666 2562259989
Candidatus Chloracidobacterium thermophilum B 2512360240
Chloroherpeton thalassium ATCC 35110.777 642718385
Bryobacter aggregatus DSM 18758.1703 2562803778
Turneriella parva H DSM 21527 2506605016
Candidatus Protochlamydia amoebophila UWE25 638672504
delta proteobacterium NaphS2.2015 640547823
Geobacter uraniireducens RF4 640547823
Acidithiobacillus caldus SM-1.782 651043875
Methylococcus capsulatus Bath 637170527
Candidatus Portiera aleyrodidarum BT-B 2517227146
Nitrospina sp. AB-629-B06.2045 2264899046
Conexibacter woesei ID131577 DSM 14684 646501776
Sulfobacillus thermosulfidooxidans AT-1 DSM 9293 2506241428
Symbiobacterium thermophilum IAM 14863 re-annotation 2608094027
Acidobacteriaceae bacterium KBS 96 DSM 24297 2007 2522227552
Anaplasma centrale Israel.552 646445380
Orientia tsutsugamushi Boryong 640568324
Candidatus Xenolissoclinum pacificiensis L6 2579204140
Helicobacter acinonychis Sheeba 638057550
Candidatus Zinderia insecticola CARI 648177499
Alkalilimnicola ehrlichii MLHE-1 638126714
Roseobacter denitrificans OCh 114.372 639636606
Aquifex aeolicus VF5 637020290
Sulfurihydrogenibium sp. YO3AOP1 642657168
Gemmata obscuriglobus UQM 2246 642222980
Caldisphaera lagunensis DSM 15908 649882979
Thermovibrio ammonificans HB-1 DSM 15698 649882979
Lebetimonas sp. JS085 2516462185
Nitrospinitalis maritimus SCM1 641315909
1000898111
Crenarchaeota archaeon SCGC AAA471-O08 contamination screened GBS-N 001 29 2264867831
Ignicoccus hospitalis KIN4/I DSM 18386 640897110
Picrophilus torridus DSM 9790 re-annotation.341 2608117137
Picrophilus torridus DSM 9790 re-annotation 2608117239
Thermoplasma acidophilum DSM 1728 re-annotation 2608060985
Methanosaeta thermophila PT 639700076
Desulfonema limicola Jadebusen DSM 2076 2502444264
Halobacterium salinarum R1 DSM 671 641566124
Rubrobacter xylanophilus DSM 9941 638036426
Dehalococcoides mccartyi 195 637120495
Obscuribacter phosphatis Mle1 12 2557141128
Nostoc sp. PCC 7120 637234348
Desulfurispirillum indicum S5 DSM 22839.1742 649842912
Zavarzinella formosa DSM 19928.1840 2550724887
Planctomyces limnophilus Mu 290 DSM 3776 646785964
Thermoplasmata archaeon 2502232555
uncultured marine group II euryarchaeote 2511795600
Acaryochloris marina MBIC11017 641251225
Bacteriovorax marinus SJ 2563366527
Carboxydothermus hydrogenoformans Z-2901 DSM 6008 637754158
Fibrobacter succinogenes succinogenes S85 ATCC 19169.1121 646370662
Bacteroides fragilis NCTC 9343 637226521
Ktedonobacter racemifer SOSP1-21 DSM 44963 648604921
Kyrpidia tusciae T2 DSM 2912 646751654
Geobacillus thermodenitrificans NG80-2 419 640194140
Leadbetterella byssophila 4M15 DSM 17132 649733289
Emticicia oligotrophica GPTSA100-15 DSM 17448 2506488947
Spirosoma linguale DSM 74 646498463
Cesiribacter andamanensis AMV16 2531511260
Flexibacter litoralis Fx II DSM 6794 2509564299
Cytophaga aurantiaca DSM 3654 2515812550
Spirosoma myxococcoides DSM 11118.1708 2541027362
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Microscilla marina ATCC 23134 640220871
Chlorobium tepidum TLS 637115718
Thermonema rossianum SCGC AB-629-J13 2264925342
Marinitrichia bacterium SCGC AB-629-J13 2264925342
Pedobacter saltans Steyn 113 DSM 12145.1549 649982847
Coraliomargarita akajimensis DSM 45221 646714824
Verrucomicrobiales sp. DG1235 647602714
Intrasporangium calvum 7KIP DSM 43043 649828774
Verrucomicrobium spinosum DSM 4136.728 642334243
Kribbella flavida IFO 14399 DSM 17936.839 646492764
Streptomyces coelicolor A32 637268877
Salinispora tropica CNB-440 640472675
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Ilumatobacter coccineum YM16-304 2546185620
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Nitrilirruptor alkaliphilus DSM 45188 2513196713
Thermaerobacter marianensis 7p75a DSM 12885 649832021
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Metallosphaera sedula DSM 5348 640507789
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Hyperthermus butylicus DSM 5456 640081799
Pyrolobus fumarii 1A DSM 11204 2505690301
Thermofilum pendens Hrk 5 639773864
Fervidicoccus fontis Kam940 2514086898
Acidilobus saccharovorans 345-15 648117286
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