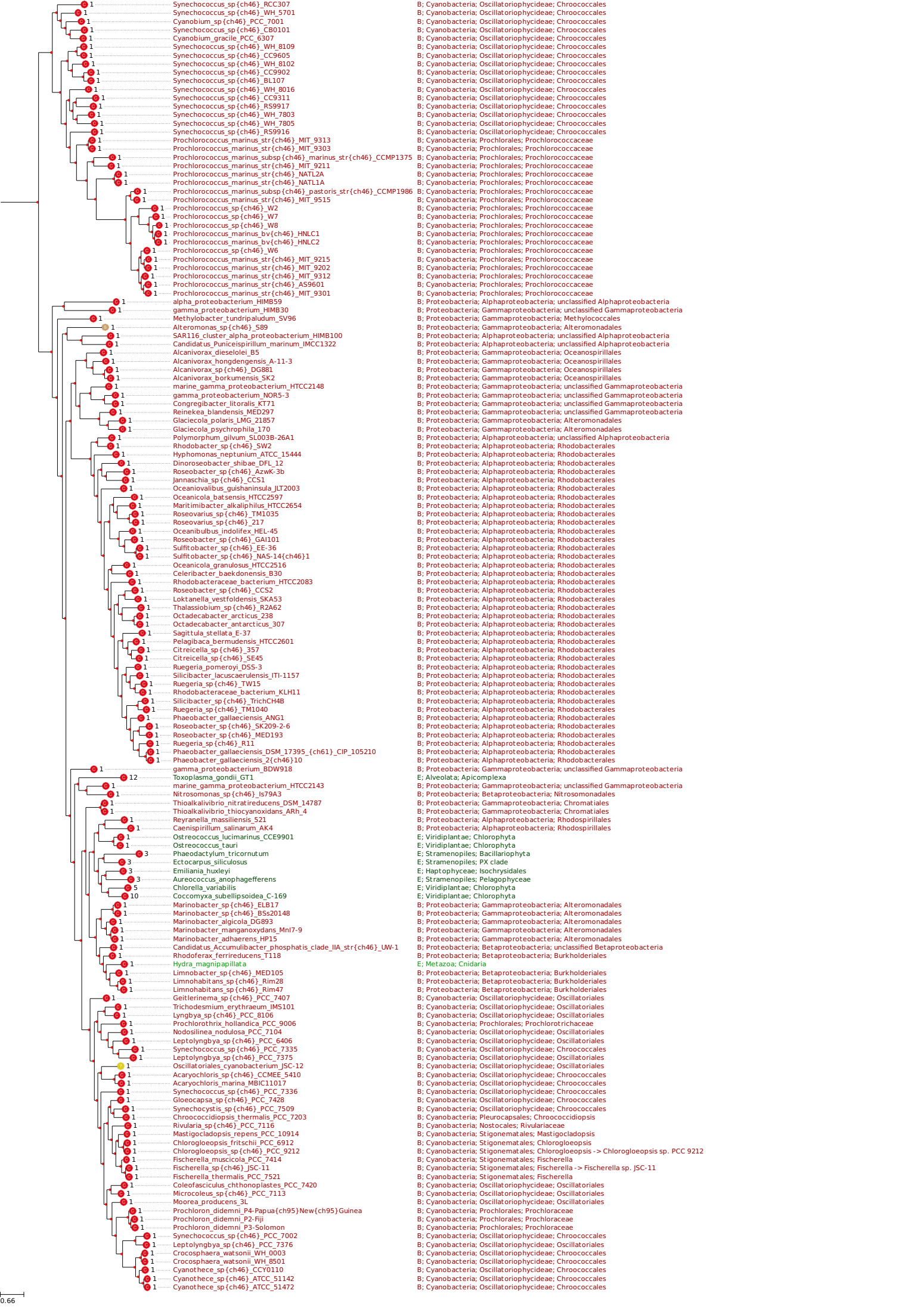
Synechococcus_sp{ch46}_RCC307 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_WH_5701 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Cyanobium_sp{ch46}_PCC_7001 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_CB0101 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Cyanobium_gracile_PCC_6307 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_WH_8109 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_CC9605 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_WH_8102 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_CC9902 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_BL107 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_WH_8016 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_CC9311 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_RS9917 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_WH_7803 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_WH_7805 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_RS9916 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Prochlorococcus_marinus_str{ch46}_MIT_9313 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_MIT_9303 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_subsp{ch46}_marinus_str{ch46}_CCMP1375 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_MIT_9211 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_NATL2A B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_NATL1A B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_subsp{ch46}_pastoris_str{ch46}_CCMP1986 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_MIT_9515 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_sp{ch46}_W2 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_sp{ch46}_W7 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_sp{ch46}_W8 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_bv{ch46}_HNLC1 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_bv{ch46}_HNLC2 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_sp{ch46}_W6 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_MIT_9215 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_MIT_9202 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_MIT_9312 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_AS9601 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
Prochlorococcus_marinus_str{ch46}_MIT_9301 B; Cyanobacteria; Prochlorales; Prochlorococcaceae
alpha_proteobacterium_HIMB59 B; Proteobacteria; Alphaproteobacteria; unclassified Alphaproteobacteria
gamma_proteobacterium_HIMB30 B; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria
Methylobacter_tundripaludum_SV96 B; Proteobacteria; Gammaproteobacteria; Methylococcales
Alteromonas_sp{ch46}_S89 B; Proteobacteria; Gammaproteobacteria; Alteromonadales
SAR116_cluster_alpha_proteobacterium_HIMB100 B; Proteobacteria; Alphaproteobacteria; unclassified Alphaproteobacteria
Candidatus_Puniceispirillum_marinum_IMCC1322 B; Proteobacteria; Alphaproteobacteria; unclassified Alphaproteobacteria
Alcanivorax_dieselolei_B5 B; Proteobacteria; Gammaproteobacteria; Oceanospirillales
Alcanivorax_hongdengensis_A-11-3 B; Proteobacteria; Gammaproteobacteria; Oceanospirillales
Alcanivorax_sp{ch46}_DG881 B; Proteobacteria; Gammaproteobacteria; Oceanospirillales
Alcanivorax_borkumensis_SK2 B; Proteobacteria; Gammaproteobacteria; Oceanospirillales
marine_gamma_proteobacterium_HTCC2148 B; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria
gamma_proteobacterium_NOR5-3 B; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria
Congregibacter_litoralis_KT71 B; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria
Reinekea_blandensis_MED297 B; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria
Glaciecola_polaris_LMG_21857 B; Proteobacteria; Gammaproteobacteria; Alteromonadales
Glaciecola_psychrophila_170 B; Proteobacteria; Gammaproteobacteria; Alteromonadales
Polymorphum_gilvum_SL003B-26A1 B; Proteobacteria; Alphaproteobacteria; unclassified Alphaproteobacteria
Rhodobacter_sp{ch46}_SW2 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Hyphomonas_neptunium_ATCC_15444 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Dinoroseobacter_shibae_DFL_12 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Roseobacter_sp{ch46}_AzwK-3b B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Jannaschia_sp{ch46}_CCS1 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Oceaniovalibus_guishaninsula_JLT2003 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Oceanicola_batsensis_HTCC2597 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Maritimibacter_alkaliphilus_HTCC2654 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Roseovarius_sp{ch46}_TM1035 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Roseovarius_sp{ch46}_217 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Oceanibulbus_indolifex_HEL-45 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Roseobacter_sp{ch46}_GAI101 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Sulfitobacter_sp{ch46}_EE-36 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Sulfitobacter_sp{ch46}_NAS-14{ch46}1 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Oceanicola_granulosus_HTCC2516 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Celeribacter_baekdonensis_B30 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Rhodobacteraceae_bacterium_HTCC2083 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Roseobacter_sp{ch46}_CCS2 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Loktanella_vestfoldensis_SKA53 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Thalassiobium_sp{ch46}_R2A62 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Octadecabacter_arcticus_238 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Octadecabacter_antarcticus_307 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Sagittula_stellata_E-37 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Pelagibaca_bermudensis_HTCC2601 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Citreicella_sp{ch46}_357 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Citreicella_sp{ch46}_SE45 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Ruegeria_pomeroyi_DSS-3 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Silicibacter_lacuscaerulensis_ITI-1157 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Ruegeria_sp{ch46}_TW15 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Rhodobacteraceae_bacterium_KLH11 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Silicibacter_sp{ch46}_TrichCH4B B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Ruegeria_sp{ch46}_TM1040 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Phaeobacter_gallaeciensis_ANG1 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Roseobacter_sp{ch46}_SK209-2-6 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Roseobacter_sp{ch46}_MED193 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Ruegeria_sp{ch46}_R11 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Phaeobacter_gallaeciensis_DSM_17395_{ch61}_CIP_105210 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
Phaeobacter_gallaeciensis_2{ch46}10 B; Proteobacteria; Alphaproteobacteria; Rhodobacterales
gamma_proteobacterium_BDW918 B; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria
Toxoplasma_gondii_GT1 E; Alveolata; Apicomplexa
marine_gamma_proteobacterium_HTCC2143 B; Proteobacteria; Gammaproteobacteria; unclassified Gammaproteobacteria
Nitrosomonas_sp{ch46}_Is79A3 B; Proteobacteria; Betaproteobacteria; Nitrosomonadales
Thioalkalivibrio_nitratireducens_DSM_14787 B; Proteobacteria; Gammaproteobacteria; Chromatiales
Thioalkalivibrio_thiocyanoxidans_ARh_4 B; Proteobacteria; Gammaproteobacteria; Chromatiales
Reyranella_massiliensis_521 B; Proteobacteria; Alphaproteobacteria; Rhodospirillales
Caenispirillum_salinarum_AK4 B; Proteobacteria; Alphaproteobacteria; Rhodospirillales
Ostreococcus_lucimarinus_CCE9901 E; Viridiplantae; Chlorophyta
Ostreococcus_tauri E; Viridiplantae; Chlorophyta
Phaeodactylum_tricornutum E; Stramenopiles; Bacillariophyta
Ectocarpus_siliculosus E; Stramenopiles; PX clade
Emiliania_huxleyi E; Haptophyceae; Isochrysidales
Aureococcus_anophagefferens E; Stramenopiles; Pelagophyceae
Chlorella_variabilis E; Viridiplantae; Chlorophyta
Coccomyxa_subellipsoidea_C-169 E; Viridiplantae; Chlorophyta
Marinobacter_sp{ch46}_ELB17 B; Proteobacteria; Gammaproteobacteria; Alteromonadales
Marinobacter_sp{ch46}_BSs20148 B; Proteobacteria; Gammaproteobacteria; Alteromonadales
Marinobacter_algicola_DG893 B; Proteobacteria; Gammaproteobacteria; Alteromonadales
Marinobacter_manganoxydans_MnI7-9 B; Proteobacteria; Gammaproteobacteria; Alteromonadales
Marinobacter_adhaerens_HP15 B; Proteobacteria; Gammaproteobacteria; Alteromonadales
Candidatus_Accumulibacter_phosphatis_clade_IIA_str{ch46}_UW-1 B; Proteobacteria; Betaproteobacteria; unclassified Betaproteobacteria
Rhodoferax_ferrireducens_T118 B; Proteobacteria; Betaproteobacteria; Burkholderiales
Hydra_magnipapillata E; Metazoa; Cnidaria
Limnobacter_sp{ch46}_MED105 B; Proteobacteria; Betaproteobacteria; Burkholderiales
Limnohabitans_sp{ch46}_Rim28 B; Proteobacteria; Betaproteobacteria; Burkholderiales
Limnohabitans_sp{ch46}_Rim47 B; Proteobacteria; Betaproteobacteria; Burkholderiales
Geitlerinema_sp{ch46}_PCC_7407 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Trichodesmium_erythraeum_IMS101 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Lyngbya_sp{ch46}_PCC_8106 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Prochlorothrix_hollandica_PCC_9006 B; Cyanobacteria; Prochlorales; Prochlorotrichaceae
Nodosilinea_nodulosa_PCC_7104 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Leptolyngbya_sp{ch46}_PCC_6406 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Synechococcus_sp{ch46}_PCC_7335 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Leptolyngbya_sp{ch46}_PCC_7375 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Oscillatoriales_cyanobacterium_JSC-12 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Acaryochloris_sp{ch46}_CCMEE_5410 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Acaryochloris_marina_MBIC11017 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechococcus_sp{ch46}_PCC_7336 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Gloeocapsa_sp{ch46}_PCC_7428 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Synechocystis_sp{ch46}_PCC_7509 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Chroococcidiopsis_thermalis_PCC_7203 B; Cyanobacteria; Pleurocapsales; Chroococcidiopsis
Rivularia_sp{ch46}_PCC_7116 B; Cyanobacteria; Nostocales; Rivulariaceae
Mastigocladopsis_repens_PCC_10914 B; Cyanobacteria; Stigonematales; Mastigocladopsis
Chlorogloeopsis_fritschii_PCC_6912 B; Cyanobacteria; Stigonematales; Chlorogloeopsis
Chlorogloeopsis_sp{ch46}_PCC_9212 B; Cyanobacteria; Stigonematales; Chlorogloeopsis -> Chlorogloeopsis sp. PCC 9212
Fischerella_muscicola_PCC_7414 B; Cyanobacteria; Stigonematales; Fischerella
Fischerella_sp{ch46}_JSC-11 B; Cyanobacteria; Stigonematales; Fischerella -> Fischerella sp. JSC-11
Fischerella_thermalis_PCC_7521 B; Cyanobacteria; Stigonematales; Fischerella
Coleofasciculus_chthonoplastes_PCC_7420 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Microcoleus_sp{ch46}_PCC_7113 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Moorea_producens_3L B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Prochloron_didemni_P4-Papua{ch95}New{ch95}Guinea B; Cyanobacteria; Prochlorales; Prochloraceae
Prochloron_didemni_P2-Fiji B; Cyanobacteria; Prochlorales; Prochloraceae
Prochloron_didemni_P3-Solomon B; Cyanobacteria; Prochlorales; Prochloraceae
Synechococcus_sp{ch46}_PCC_7002 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Leptolyngbya_sp{ch46}_PCC_7376 B; Cyanobacteria; Oscillatoriophycideae; Oscillatoriales
Crocosphaera_watsonii_WH_0003 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Crocosphaera_watsonii_WH_8501 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Cyanothece_sp{ch46}_CCY0110 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Cyanothece_sp{ch46}_ATCC_51142 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
Cyanothece_sp{ch46}_ATCC_51472 B; Cyanobacteria; Oscillatoriophycideae; Chroococcales
0.66