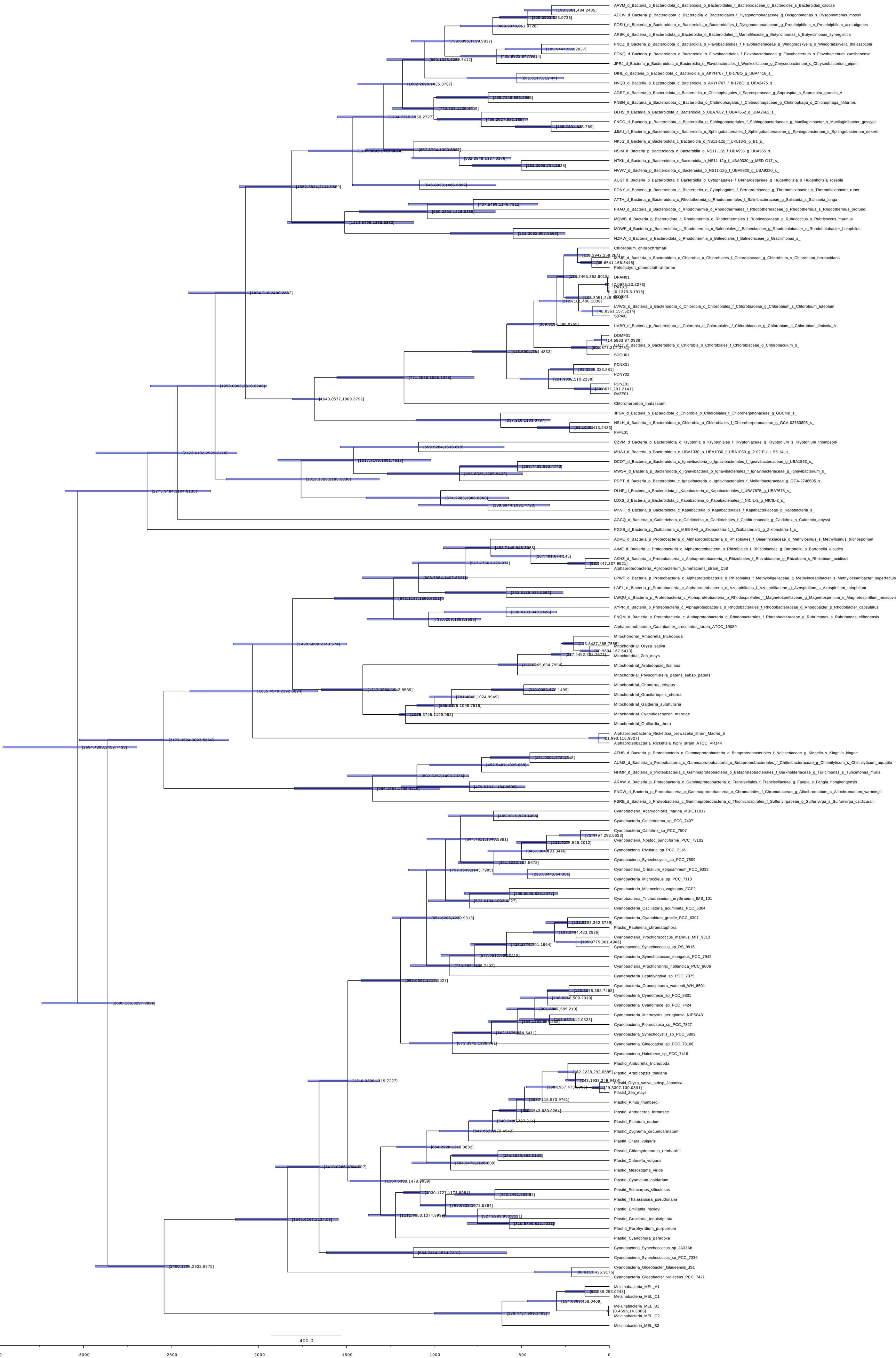
AAVM_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Bacteroidales_f_Bacteroidaceae_g_Bacteroides_s_Bacteroides_caccae
ADLW_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Bacteroidales_f_Dysgonomonadaceae_g_Dysgonomonas_s_Dysgonomonas_mossii
FOSU_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Bacteroidales_f_Dysgonomonadaceae_g_Proteiniphilum_s_Proteiniphilum_acetatigenes
ARBK_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Bacteroidales_f_Marinifilaceae_g_Butyricimonas_s_Butyricimonas_synergistica
FNCZ_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Flavobacteriales_f_Flavobacteriaceae_g_Winogradskyella_s_Winogradskyella_thalassocola
FONQ_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Flavobacteriales_f_Flavobacteriaceae_g_Flavobacterium_s_Flavobacterium_xueshanense
JPRJ_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Flavobacteriales_f_Weeksellaceae_g_Chryseobacterium_s_Chryseobacterium_piperi
DIHL_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_AKYH767_f_b-17BO_g_UBA4416_s_
NVQB_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_AKYH767_f_b-17BO_g_UBA2475_s_
AGRT_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Chitinophagales_f_Saprospiraceae_g_Saprospira_s_Saprospira_grandis_A
FNBN_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Chitinophagales_f_Chitinophagaceae_g_Chitinophaga_s_Chitinophaga_filiformis
DLHS_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_UBA7662_f_UBA7662_g_UBA7662_s_
FNCG_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Sphingobacteriales_f_Sphingobacteriaceae_g_Mucilaginibacter_s_Mucilaginibacter_gossypii
JJMU_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Sphingobacteriales_f_Sphingobacteriaceae_g_Sphingobacterium_s_Sphingobacterium_deserti
NKJG_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_NS11-12g_f_UKL13-3_g_B1_s_
NSIM_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_NS11-12g_f_UBA955_g_UBA955_s_
NTKK_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_NS11-12g_f_UBA9320_g_MED-G17_s_
NVWV_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_NS11-12g_f_UBA9320_g_UBA9320_s_
AUGI_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Cytophagales_f_Bernardetiaceae_g_Hugenholtzia_s_Hugenholtzia_roseola
FONY_d_Bacteria_p_Bacteroidota_c_Bacteroidia_o_Cytophagales_f_Bernardetiaceae_g_Thermoflexibacter_s_Thermoflexibacter_ruber
ATTH_d_Bacteria_p_Bacteroidota_c_Rhodothermia_o_Rhodothermales_f_Salinibacteraceae_g_Salisaeta_s_Salisaeta_longa
FRAU_d_Bacteria_p_Bacteroidota_c_Rhodothermia_o_Rhodothermales_f_Rhodothermaceae_g_Rhodothermus_s_Rhodothermus_profundi
MQWB_d_Bacteria_p_Bacteroidota_c_Rhodothermia_o_Rhodothermales_f_Rubricoccaceae_g_Rubricoccus_s_Rubricoccus_marinus
MDWE_d_Bacteria_p_Bacteroidota_c_Rhodothermia_o_Balneolales_f_Balneolaceae_g_Rhodohalobacter_s_Rhodohalobacter_halophilus
NZMW_d_Bacteria_p_Bacteroidota_c_Rhodothermia_o_Balneolales_f_Balneolaceae_g_Gracilimonas_s_
Chlorobium_chlorochromatii
MPJE_d_Bacteria_p_Bacteroidota_c_Chlorobia_o_Chlorobiales_f_Chlorobiaceae_g_Chlorobium_s_Chlorobium_ferrooxidans
Pelodictyon_phaeoclathratiforme
DPAN01
RXYJ01
LVWG_d_Bacteria_p_Bacteroidota_c_Chlorobia_o_Chlorobiales_f_Chlorobiaceae_g_Chlorobium_s_Chlorobium_luteolum
SJPA01
LMBR_d_Bacteria_p_Bacteroidota_c_Chlorobia_o_Chlorobiales_f_Chlorobiaceae_g_Chlorobium_s_Chlorobium_limicola_A
DOMF01
LUZT_d_Bacteria_p_Bacteroidota_c_Chlorobia_o_Chlorobiales_f_Chlorobiaceae_g_Chlorobaculum_s_
SDGU01
PDNX01
PDNY02
PDNZ01
RAZP01
Chloroherpeton_thalassium
JPGV_d_Bacteria_p_Bacteroidota_c_Chlorobia_o_Chlorobiales_f_Chloroherpetonaceae_g_GBChlB_s_
NSLH_d_Bacteria_p_Bacteroidota_c_Chlorobia_o_Chlorobiales_f_Chloroherpetonaceae_g_GCA-02763895_s_
PHFL01
CZVM_d_Bacteria_p_Bacteroidota_c_Kryptonia_o_Kryptoniales_f_Kryptoniaceae_g_Kryptonium_s_Kryptonium_thompsoni
MHAJ_d_Bacteria_p_Bacteroidota_c_UBA1030_o_UBA1030_f_UBA1030_g_2-02-FULL-55-14_s_
DCOT_d_Bacteria_p_Bacteroidota_c_Ignavibacteria_o_Ignavibacteriales_f_Ignavibacteriaceae_g_UBA1563_s_
MWSV_d_Bacteria_p_Bacteroidota_c_Ignavibacteria_o_Ignavibacteriales_f_Ignavibacteriaceae_g_Ignavibacterium_s_
PDPT_d_Bacteria_p_Bacteroidota_c_Ignavibacteria_o_Ignavibacteriales_f_Melioribacteraceae_g_GCA-2746605_s_
DLHF_d_Bacteria_p_Bacteroidota_c_Kapabacteria_o_Kapabacteriales_f_UBA7675_g_UBA7675_s_
LDXS_d_Bacteria_p_Bacteroidota_c_Kapabacteria_o_Kapabacteriales_f_NICIL-2_g_NICIL-2_s_
MKVH_d_Bacteria_p_Bacteroidota_c_Kapabacteria_o_Kapabacteriales_f_Kapabacteriaceae_g_Kapabacteria_s_
AGCQ_d_Bacteria_p_Calditrichota_c_Calditrichia_o_Calditrichales_f_Calditrichaceae_g_Caldithrix_s_Caldithrix_abyssi
PGXB_d_Bacteria_p_Zixibacteria_c_MSB-5A5_o_Zixibacteria-1_f_Zixibacteria-1_g_Zixibacteria-1_s_
ADVE_d_Bacteria_p_Proteobacteria_c_Alphaproteobacteria_o_Rhizobiales_f_Beijerinckiaceae_g_Methylosinus_s_Methylosinus_trichosporium
AIME_d_Bacteria_p_Proteobacteria_c_Alphaproteobacteria_o_Rhizobiales_f_Rhizobiaceae_g_Bartonella_s_Bartonella_alsatica
AKHZ_d_Bacteria_p_Proteobacteria_c_Alphaproteobacteria_o_Rhizobiales_f_Rhizobiaceae_g_Rhizobium_s_Rhizobium_acidisoli
Alphaproteobacteria_Agrobacterium_tumefaciens_strain_C58
LPWF_d_Bacteria_p_Proteobacteria_c_Alphaproteobacteria_o_Rhizobiales_f_Methyloligellaceae_g_Methyloceanibacter_s_Methyloceanibacter_superfactus
LAEL_d_Bacteria_p_Proteobacteria_c_Alphaproteobacteria_o_Azospirillales_f_Azospirillaceae_g_Azospirillum_s_Azospirillum_thiophilum
LWQU_d_Bacteria_p_Proteobacteria_c_Alphaproteobacteria_o_Rhodospirillales_f_Magnetospirillaceae_g_Magnetospirillum_s_Magnetospirillum_moscovie
AYPR_d_Bacteria_p_Proteobacteria_c_Alphaproteobacteria_o_Rhodobacterales_f_Rhodobacteraceae_g_Rhodobacter_s_Rhodobacter_capsulatus
FNQM_d_Bacteria_p_Proteobacteria_c_Alphaproteobacteria_o_Rhodobacterales_f_Rhodobacteraceae_g_Rubrimonas_s_Rubrimonas_cliftonensis
Alphaproteobacteria_Caulobacter_crescentus_strain_ATCC_19089
Mitochondrial_Amborella_trichopoda
Mitochondrial_Oryza_sativa
Mitochondrial_Zea_mays
Mitochondrial_Arabidopsis_thaliana
Mitochondrial_Physcomitrella_patens_subsp_patens
Mitochondrial_Chondrus_crispus
Mitochondrial_Gracilariopsis_chorda
Mitochondrial_Galdieria_sulphuraria
Mitochondrial_Cyanidioschyzon_merolae
Mitochondrial_Guillardia_theta
Alphaproteobacteria_Rickettsia_prowazekii_strain_Madrid_E
Alphaproteobacteria_Rickettsia_typhi_strain_ATCC_VR144
AFHS_d_Bacteria_p_Proteobacteria_c_Gammaproteobacteria_o_Betaproteobacteriales_f_Neisseriaceae_g_Kingella_s_Kingella_kingae
AUMS_d_Bacteria_p_Proteobacteria_c_Gammaproteobacteria_o_Betaproteobacteriales_f_Chitinibacteraceae_g_Chitinilyticum_s_Chitinilyticum_aquatile
NHMP_d_Bacteria_p_Proteobacteria_c_Gammaproteobacteria_o_Betaproteobacteriales_f_Burkholderiaceae_g_Turicimonas_s_Turicimonas_muris
ARAW_d_Bacteria_p_Proteobacteria_c_Gammaproteobacteria_o_Francisellales_f_Francisellaceae_g_Fangia_s_Fangia_hongkongensis
FNOW_d_Bacteria_p_Proteobacteria_c_Gammaproteobacteria_o_Chromatiales_f_Chromatiaceae_g_Allochromatium_s_Allochromatium_warmingii
FSRE_d_Bacteria_p_Proteobacteria_c_Gammaproteobacteria_o_Thiomicrospirales_f_Sulfurivirgaceae_g_Sulfurivirga_s_Sulfurivirga_caldicuralii
Cyanobacteria_Acaryochloris_marina_MBIC11017
Cyanobacteria_Geitlerinema_sp_PCC_7407
Cyanobacteria_Calothrix_sp_PCC_7507
Cyanobacteria_Nostoc_punctiforme_PCC_73102
Cyanobacteria_Rivularia_sp_PCC_7116
Cyanobacteria_Synechocystis_sp_PCC_7509
Cyanobacteria_Crinalium_epipsammum_PCC_9333
Cyanobacteria_Microcoleus_sp_PCC_7113
Cyanobacteria_Microcoleus_vaginatus_FGP2
Cyanobacteria_Trichodesmium_erythraeum_IMS_101
Cyanobacteria_Oscillatoria_acuminata_PCC_6304
Cyanobacteria_Cyanobium_gracile_PCC_6307
Plastid_Paulinella_chromatophora
Cyanobacteria_Prochlorococcus_marinus_MIT_9313
Cyanobacteria_Synechococcus_sp_RS_9916
Cyanobacteria_Synechococcus_elongatus_PCC_7942
Cyanobacteria_Prochlorothrix_hollandica_PCC_9006
Cyanobacteria_Leptolyngbya_sp_PCC_7375
Cyanobacteria_Crocosphaera_watsonii_WH_8501
Cyanobacteria_Cyanothece_sp_PCC_8801
Cyanobacteria_Cyanothece_sp_PCC_7424
Cyanobacteria_Microcystis_aeruginosa_NIES843
Cyanobacteria_Pleurocapsa_sp_PCC_7327
Cyanobacteria_Synechocystis_sp_PCC_6803
Cyanobacteria_Gloeocapsa_sp_PCC_73106
Cyanobacteria_Halothece_sp_PCC_7418
Plastid_Amborella_trichopoda
Plastid_Arabidopsis_thaliana
Plastid_Oryza_sativa_subsp_Japonica
Plastid_Zea_mays
Plastid_Pinus_thunbergii
Plastid_Anthoceros_formosae
Plastid_Psilotum_nudum
Plastid_Zygnema_circumcarinatum
Plastid_Chara_vulgaris
Plastid_Chlamydomonas_reinhardtii
Plastid_Chlorella_vulgaris
Plastid_Mesostigma_viride
Plastid_Cyanidium_caldarium
Plastid_Ectocarpus_siliculosus
Plastid_Thalassiosira_pseudonana
Plastid_Emiliania_huxleyi
Plastid_Gracilaria_tenuistipitata
Plastid_Porphyridium_purpureum
Plastid_Cyanophora_paradoxa
Cyanobacteria_Synechococcus_sp_JA33Ab
Cyanobacteria_Synechococcus_sp_PCC_7336
Cyanobacteria_Gloeobacter_kilaueensis_JS1
Cyanobacteria_Gloeobacter_violaceus_PCC_7421
Melainabacteria_MEL_A1
Melainabacteria_MEL_C1
Melainabacteria_MEL_B1
Melainabacteria_MEL_C2
Melainabacteria_MEL_B2
400.0
-3000
-2500
-2000
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-1000
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