```
KME12_15675_Trichocoleus_desertorum_ATA4-8-CV12
KME05_05225_Gloeocapsa_sp._UFS-A4-WI-NPMV-4B04
KME08_10655_Aphanothece_sp._CMT-3BRIN-NPC111
 Cri9333_4498_Crinalium_epipsammum_PCC_9333
 Osc7112_4853_Oscillatoria_nigro-viridis_PCC_7112
 KME19_17965_Microcoleus_vaginatus_WJT46-NPBG5
 KME26_16445_Oscillatoria_princeps_RMCB-10
 KME06_15890_Kastovskya_adunca_ATA6-11-RM4
 Ple7327_3632_Pleurocapsa_sp._PCC_7327
 PCC7424_4330_Gloeothece_citriformis_PCC_7424
 Cyan7822_1852_Gloeothece_verrucosa_PCC_7822
 KME25_26810_Symplocastrum_torsivum_CPER-KK1
 Mic7113_4620_Microcoleus_sp._PCC_7113_PCC_7113
 Chro_5574_Chroococcidiopsis_thermalis_PCC_7203
 IJ00_24495_Calothrix_sp._336_3_336_3
 KME60_06130_Cyanomargarita_calcarea_GSE-NOS-MK-12-04C
 Nos7107_3131_Nostoc_sp._PCC_7107_PCC_7107
 Nos7524_5119_Nostoc_sp._PCC_7524_PCC_7524
 Ava_0368_Trichormus_variabilis_ATCC_29413
 KME59_25185_Trichormus_sp._ATA11-4-KO1
 KME23_24690_Goleter_apudmare_HA4340-LM2
 Cal7507_5413_Calothrix_sp._PCC_7507_PCC_7507
 KME40_19005_Komarekiella_atlantica_HA4396-MV6
 KME21_17465_Desmonostoc_vinosum_HA7617-LM4
 KME32_18230_Mojavia_pulchra_JT2-VF2
 KME52_17295_Desmonostoc_geniculatum_HA4340-LM1
 Npun_R3653_Nostoc_punctiforme_PCC_73102_ATCC_29133__PCC_73102
 KME50_02980_Nostoc_desertorum_CM1-VF14
 KME55_26225_Nostoc_indistinguendum_CM1-VF10
 KME31_13270_Tolypothrix_carrinoi_HA7290-LM1
 KME22_09765_Hassallia_sp._WJT32-NPBG1
 KME38_22720_Spirirestis_raphaelensis_WJT71-NPBG6
 KME33_03025_Aetokthonos_hydrillicola_B3-Florida
 KME28_18680_Pelatocladus_maniniholoensis_HA4357-MV3
 KME57_16030_Scytonema_hyalinum_WJT4-NPBG1
 KME30_02485_lphinoe_sp._HA4291-MV1
 KME46_03830_Brasilonema_angustatum_HA4187-MV1
 KME49_22330_Brasilonema_octagenarum_HA4186-MV1
 Riv7116_2142_Rivularia_sp._PCC_7116_PCC_7116
 KME29_12885_Calothrix_sp._FI2-JRJ7
 KME64_20225_Scytonematopsis_contorta_HA4267-MV1
 KME13_26340_Myxacorys_californica_WJT36-NPBG1
 Cyan7425_3736_Cyanothece_sp._PCC_7425_PCC_7425
 AM1_4189_Acaryochloris_marina_MBIC11017
 KME47_01410_Nodosilinea_sp._WJT8-NPBG4
 KME14_17935_Tildeniella_torsiva_UHER_1998_13D
 Pse7367_3601_Pseudanabaena_sp._PCC_7367_PCC_7367
 Cyan10605_0057_Cyanobacterium_aponinum_PCC_10605
 cce_4634_Crocosphaera_subtropica_ATCC_51142
  GKIL_0472_Gloeobacter_kilaueensis_JS1
  KME31_26760_Tolypothrix_carrinoi_HA7290-LM1
  KME15_19720_Drouetiella_hepatica_UHER_2000_2452
  KME07_17280_Pegethrix_bostrychoides_GSE-TBD4-15B
  Chro_4647_Chroococcidiopsis_thermalis_PCC_7203
  ETSB_0911_cyanobacterium_endosymbiont_of_Epithemia_turgida_isolate_EtSB_Lake_Yunoko_ETSB_Lake_Yunoko
  KME04_17930_Pleurocapsa_minor_GSE-CHR-MK-17-07R
  KME35_19715_Aphanocapsa_sp._GSE-SYN-MK-11-07L
   KME35_00295_Aphanocapsa_sp._GSE-SYN-MK-11-07L
   KME03_02015_Aphanocapsa_lilacina_HA4352-LM1
   GKIL_2757_Gloeobacter_kilaueensis_JS1
   KME47_04760_Nodosilinea_sp._WJT8-NPBG4
   Pse7367_3429_Pseudanabaena_sp._PCC_7367_PCC_7367
   KME08_07255_Aphanothece_sp._CMT-3BRIN-NPC111
   KME19_07575_Microcoleus_vaginatus_WJT46-NPBG5
   KME26_21075_Oscillatoria_princeps_RMCB-10
   KME23_22365_Goleter_apudmare_HA4340-LM2
   Anacy_0004_Anabaena_cylindrica_PCC_7122
   KME21_18575_Desmonostoc_vinosum_HA7617-LM4
   KME40_34830_Komarekiella_atlantica_HA4396-MV6
   Nos7524_4632_Nostoc_sp._PCC_7524_PCC_7524
   Ava_0036_Trichormus_variabilis_ATCC_29413
   Nos7107_2383_Nostoc_sp._PCC_7107_PCC_7107
   KME64_23320_Scytonematopsis_contorta_HA4267-MV1
   KME29_40000_Calothrix_sp._FI2-JRJ7
   KME60_32650_Cyanomargarita_calcarea_GSE-NOS-MK-12-04C
   D082_08530_Synechocystis_sp._PCC_6714_PCC_6714
   SYNGTS_1358_Synechocystis_sp._PCC_6803_GT-S
   AOY38_07020_Synechocystis_sp._PCC_6803_PCC_6803_substr._GT-G
   SYNGTI_1358_Synechocystis_sp._PCC_6803_substr._GT-I_
   SYNPCCN_1357_Synechocystis_sp._PCC_6803_substr._PCC-N_
   SYNPCCP_1357_Synechocystis_sp._PCC_6803_substr._PCC-P_
   Ple7327_2440_Pleurocapsa_sp._PCC_7327
   PCC7424_4868_Gloeothece_citriformis_PCC_7424
   Cyan7822_2325_Gloeothece_verrucosa_PCC_7822
   PCC8801_0517_Rippkaea_orientalis_PCC_8801
   Cyan8802_0534_Rippkaea_orientalis_PCC_8802
   ETSB_1389_cyanobacterium_endosymbiont_of_Epithemia_turgida_isolate_EtSB_Lake_Yunoko_ETSB_Lake_Yunoko
   cce_2233_Crocosphaera_subtropica_ATCC_51142
   Lepto7376_3648_Leptolyngbya_sp._PCC_7376_
   Cyan10605_0140_Cyanobacterium_aponinum_PCC_10605
   Dacsa_1149_Dactylococcopsis_salina_PCC_8305
   PCC7418_2662_Halothece_sp._PCC_7418_PCC_7418
  KME25_07700_Symplocastrum_torsivum_CPER-KK1
   Mic7113_3928_Microcoleus_sp._PCC_7113_PCC_7113
   Osc7112_1537_Oscillatoria_nigro-viridis_PCC_7112
  KME07_03415_Pegethrix_bostrychoides_GSE-TBD4-15B
  Riv7116_3029_Rivularia_sp._PCC_7116_PCC_7116
   KME05_12915_Gloeocapsa_sp._UFS-A4-WI-NPMV-4B04
   Glo7428_1761_Gloeocapsa_sp._PCC_7428_PCC_7428
   KME57_10515_Scytonema_hyalinum_WJT4-NPBG1
   KME57_26665_Scytonema_hyalinum_WJT4-NPBG1
   KME46_34655_Brasilonema_angustatum_HA4187-MV1
   KME49_25150_Brasilonema_octagenarum_HA4186-MV1
   Riv7116_4518_Rivularia_sp._PCC_7116_PCC_7116
   KME64_12035_Scytonematopsis_contorta_HA4267-MV1
   KME64_31835_Scytonematopsis_contorta_HA4267-MV1
   KME64_02075_Scytonematopsis_contorta_HA4267-MV1
   KME64_02055_Scytonematopsis_contorta_HA4267-MV1
   KME64_02060_Scytonematopsis_contorta_HA4267-MV1
   KME15_22420_Drouetiella_hepatica_UHER_2000_2452
   KME04_11695_Pleurocapsa_minor_GSE-CHR-MK-17-07R
   KME02_08145_Aphanothece_saxicola_GSE-SYN-MK-01-06B
   KME29_05535_Calothrix_sp._FI2-JRJ7
   KME57_23025_Scytonema_hyalinum_WJT4-NPBG1
   KME32_31335_Mojavia_pulchra_JT2-VF2
   KME33_26955_Aetokthonos_hydrillicola_B3-Florida
  Npun_R3302_Nostoc_punctiforme_PCC_73102_ATCC_29133__PCC_73102
  Nos7524_1359_Nostoc_sp._PCC_7524_PCC_7524
  Cyan7425_3962_Cyanothece_sp._PCC_7425_PCC_7425
  KME12_14110_Trichocoleus_desertorum_ATA4-8-CV12
  AM1_3692_Acaryochloris_marina_MBIC11017
  Cyan7425_3176_Cyanothece_sp._PCC_7425_PCC_7425
  Pse7367_2939_Pseudanabaena_sp._PCC_7367_PCC_7367
  Syn7502_03575_Synechococcus_sp._PCC_7502_PCC_7502
  KME16_23760_Scytolyngbya_sp._HA4215-MV1
  KME45_10390_Stenomitos_rutilans_HA7619-LM2
  KME42_04265_Tildeniella_nuda_ZEHNDER_1965_U140
  KME27_12855_Lyngbya_sp._HA4199-MV5
  GEI7407_2276_Geitlerinema_sp._PCC_7407_PCC_7407
  Sta7437_0865_Stanieria_cyanosphaera_PCC_7437
  cce_2779_Crocosphaera_subtropica_ATCC_51142
  MAE_53100_Microcystis_aeruginosa_NIES-843
  PCC7424_0679_Gloeothece_citriformis_PCC_7424
  Ple7327_2403_Pleurocapsa_sp._PCC_7327
  Cyan10605_2265_Cyanobacterium_aponinum_PCC_10605
  ETSB_0758_cyanobacterium_endosymbiont_of_Epithemia_turgida_isolate_EtSB_Lake_Yunoko_ETSB_Lake_Yunoko
  PCC8801_3430_Rippkaea_orientalis_PCC_8801
  Cyan8802_2686_Rippkaea_orientalis_PCC_8802
  KME09_00365_Pleurocapsa_minor_HA4230-MV1
  Lepto7376_0182_Leptolyngbya_sp._PCC_7376_
  SYNPCC7002_A0529_Synechococcus_sp._PCC_7002_PCC_7002__ATCC_27264
  SYNGTS_1826_Synechocystis_sp._PCC_6803_GT-S
  AOY38_09480_Synechocystis_sp._PCC_6803_PCC_6803_substr._GT-G
  SYNGTI_1826_Synechocystis_sp._PCC_6803_substr._GT-I_
  SYNPCCN_1825_Synechocystis_sp._PCC_6803_substr._PCC-N_
  SYNPCCP_1825_Synechocystis_sp._PCC_6803_substr._PCC-P_
  D082_20520_Synechocystis_sp._PCC_6714_PCC_6714
  PCC7418_2975_Halothece_sp._PCC_7418_PCC_7418
  Dacsa_1294_Dactylococcopsis_salina_PCC_8305
  Cri9333_4053_Crinalium_epipsammum_PCC_9333
  KME05_03860_Gloeocapsa_sp._UFS-A4-WI-NPMV-4B04
  KME01_05465_Chroococcus_sp._CMT-3BRIN-NPC107
  Chro_1619_Chroococcidiopsis_thermalis_PCC_7203
  KME33_06175_Aetokthonos_hydrillicola_B3-Florida
  KME28_19475_Pelatocladus_maniniholoensis_HA4357-MV3
  KME40_04305_Komarekiella_atlantica_HA4396-MV6
  KME30_14730_lphinoe_sp._HA4291-MV1
  KME57_35075_Scytonema_hyalinum_WJT4-NPBG1
  KME46_17035_Brasilonema_angustatum_HA4187-MV1
  KME49_08350_Brasilonema_octagenarum_HA4186-MV1
  Nos7107_5121_Nostoc_sp._PCC_7107_PCC_7107
  Nos7524_4587_Nostoc_sp._PCC_7524_PCC_7524
  Ava_0200_Trichormus_variabilis_ATCC_29413
  Aazo_4788_Nostoc_azollae_0708
  Anacy_2337_Anabaena_cylindrica_PCC_7122
  ANA_C11939_Anabaena_sp._90_90
  AA650_01540_Anabaena_sp._WA102_WA102
  KME54_20970_Tolypothrix_brevis_GSE-NOS-MK-07-07A
  KME31_31375_Tolypothrix_carrinoi_HA7290-LM1
  KME22_03345_Hassallia_sp._WJT32-NPBG1
  KME38_05960_Spirirestis_raphaelensis_WJT71-NPBG6
  KME32_07965_Mojavia_pulchra_JT2-VF2
  KME21_07380_Desmonostoc_vinosum_HA7617-LM4
  Cal7507_4291_Calothrix_sp._PCC_7507_PCC_7507
  KME23_13830_Goleter_apudmare_HA4340-LM2
  KME52_08330_Desmonostoc_geniculatum_HA4340-LM1
  Npun_R0498_Nostoc_punctiforme_PCC_73102_ATCC_29133__PCC_73102
  KME50_03555_Nostoc_desertorum_CM1-VF14
  KME55_11780_Nostoc_indistinguendum_CM1-VF10
  KME59_11535_Trichormus_sp._ATA11-4-KO1
  KME29_34590_Calothrix_sp._FI2-JRJ7
  Cal6303_5059_Calothrix_sp._PCC_6303
  IJ00_20820_Calothrix_sp._336_3_336_3
  KME60_33195_Cyanomargarita_calcarea_GSE-NOS-MK-12-04C
  KME64_06085_Scytonematopsis_contorta_HA4267-MV1
  Riv7116_6892_Rivularia_sp._PCC_7116_PCC_7116
  NPCC7120_2379_Nostoc_sp._PCC_7120_=_FACHB-418_PCC_7120
  KME08_16960_Aphanothece_sp._CMT-3BRIN-NPC111
  KME25_03445_Symplocastrum_torsivum_CPER-KK1
  KME06_07895_Kastovskya_adunca_ATA6-11-RM4
  Mic7113_1472_Microcoleus_sp._PCC_7113_PCC_7113
  KME19_23195_Microcoleus_vaginatus_WJT46-NPBG5
  KME26_17575_Oscillatoria_princeps_RMCB-10
  Oscil6304_0259_Oscillatoria_acuminata_PCC_6304
  Tery_3954_Trichodesmium_erythraeum_IMS101
  Osc7112_1468_Oscillatoria_nigro-viridis_PCC_7112
  KME17_06825_Cyanosarcina_radialis_HA8281-LM2
  KME15_04735_Drouetiella_hepatica_UHER_2000_2452
  KME07_24585_Pegethrix_bostrychoides_GSE-TBD4-15B
  KME11_09625_Timaviella_obliquedivisa_GSE-PSE-MK23-08B
  KME20_24790_Kaiparowitsia_implicata_GSE-PSE-MK54-09C
  KME18_13075_Oscillatoria_tanganyikae_FI6-MK23
  KME10_15905_Plectolyngbya_sp._WJT66-NPBG17
  KME13_10140_Myxacorys_californica_WJT36-NPBG1
  KME43_03395_Myxacorys_chilensis_ATA2-1-KO14
  KME35_17625_Aphanocapsa_sp._GSE-SYN-MK-11-07L
  Syn6312_1408_Synechococcus_sp._PCC_6312_PCC_6312
  Synpcc7942_1512_Synechococcus_elongatus_=_FACHB-805_PCC_7942
  M744_08565_Synechococcus_sp._UTEX_2973_UTEX_2973
  syc2497_c_Synechococcus_elongatus_PCC_6301
  PMM0115_Prochlorococcus_marinus_subsp._pastoris_str._CCMP1986_MED4
  P9515_01291_Prochlorococcus_marinus_str._MIT_9515
  PMT9312_0118_Prochlorococcus_marinus_str._MIT_9312
  P9301_01321_Prochlorococcus_marinus_str._MIT_9301
  A9601_01331_Prochlorococcus_marinus_str._AS9601
  P9215_01331_Prochlorococcus_marinus_str._MIT_9215
  EW14_0141_Prochlorococcus_sp._MIT_0604_MIT_0604
  NATL1_01891_Prochlorococcus_marinus_str._NATL1A
  PMN2A_1484_Prochlorococcus_marinus_str._NATL2A
  EW15_0204_Prochlorococcus_sp._MIT_0801_MIT_0801
  Pro_0136_Prochlorococcus_marinus_subsp._marinus_str._CCMP1375_CCMP1375__SS120
  PMT_1968_Prochlorococcus_marinus_str._MIT_9313_MIT9313
  sync_2568_Synechococcus_sp._CC9311_CC9311
  KR49_07360_Synechococcus_sp._KORDI-49_KORDI-49
  SynWH8103_02544_Synechococcus_sp._WH_8103_WH_8103
  KR52_04330_Synechococcus_sp._KORDI-52_KORDI-52
  Syncc9605_2356_Synechococcus_sp._CC9605_CC9605
  Syncc8109_2460_Synechococcus_sp._WH_8109_WH_8109
  KR100_14605_Synechococcus_sp._KORDI-100_KORDI-100
  Syncc9902_0335_Synechococcus_sp._CC9902_CC9902
  KME02_16435_Aphanothece_saxicola_GSE-SYN-MK-01-06B
  Cyagr_2942_Cyanobium_gracile_PCC_6307
  Telo_336_Thermosynechococcus_elongatus_BP-1
  CYB_1060_Synechococcus_sp._JA-2-3Ba2-13_JA-2-3Ba2-13
  CYA_0668_Synechococcus_sp._JA-3-3Ab_JA-3-3Ab
  KME05_17275_Gloeocapsa_sp._UFS-A4-WI-NPMV-4B04
  KME35_11265_Aphanocapsa_sp._GSE-SYN-MK-11-07L
  KME15_15040_Drouetiella_hepatica_UHER_2000_2452
  KME18_12140_Oscillatoria_tanganyikae_FI6-MK23
  KME10_13620_Plectolyngbya_sp._WJT66-NPBG17
  KME13_02125_Myxacorys_californica_WJT36-NPBG1
  KME43_12365_Myxacorys_chilensis_ATA2-1-KO14
  KME07_14730_Pegethrix_bostrychoides_GSE-TBD4-15B
  KME42_25610_Tildeniella_nuda_ZEHNDER_1965_U140
  KME27_25860_Lyngbya_sp._HA4199-MV5
  KME45_24150_Stenomitos_rutilans_HA7619-LM2
  KME16_09405_Scytolyngbya_sp._HA4215-MV1
  Cyan7425_4188_Cyanothece_sp._PCC_7425_PCC_7425
  CYB_1694_Synechococcus_sp._JA-2-3Ba2-13_JA-2-3Ba2-13
  CYA_0316_Synechococcus_sp._JA-3-3Ab_JA-3-3Ab
  AM1_4826_Acaryochloris_marina_MBIC11017
  Syn6312_1665_Synechococcus_sp._PCC_6312_PCC_6312
  Syn7502_02248_Synechococcus_sp._PCC_7502_PCC_7502
  KME11_09285_Timaviella_obliquedivisa_GSE-PSE-MK23-08B
  KME20_14040_Kaiparowitsia_implicata_GSE-PSE-MK54-09C
  KME09_22835_Pleurocapsa_minor_HA4230-MV1
  Ple7327_0167_Pleurocapsa_sp._PCC_7327
  Sta7437_3291_Stanieria_cyanosphaera_PCC_7437
  NPCC7120_1829_Nostoc_sp._PCC_7120_=_FACHB-418_PCC_7120
  Ava_4795_Trichormus_variabilis_ATCC_29413
  Anacy_3875_Anabaena_cylindrica_PCC_7122
  Nos7107_4144_Nostoc_sp._PCC_7107_PCC_7107
  Nos7524_4713_Nostoc_sp._PCC_7524_PCC_7524
  KME32_16260_Mojavia_pulchra_JT2-VF2
  KME52_03820_Desmonostoc_geniculatum_HA4340-LM1
  Npun_R2772_Nostoc_punctiforme_PCC_73102_ATCC_29133__PCC_73102
  KME50_09625_Nostoc_desertorum_CM1-VF14
  KME55_15380_Nostoc_indistinguendum_CM1-VF10
  KME60_16905_Cyanomargarita_calcarea_GSE-NOS-MK-12-04C
  KME40_25480_Komarekiella_atlantica_HA4396-MV6
  KME22_05965_Hassallia_sp._WJT32-NPBG1
  KME38_10915_Spirirestis_raphaelensis_WJT71-NPBG6
  KME54_03830_Tolypothrix_brevis_GSE-NOS-MK-07-07A
  KME31_11655_Tolypothrix_carrinoi_HA7290-LM1
  IJ00_15390_Calothrix_sp._336_3_336_3
  KME33_25195_Aetokthonos_hydrillicola_B3-Florida
  Chro_0494_Chroococcidiopsis_thermalis_PCC_7203
  Glo7428_1902_Gloeocapsa_sp._PCC_7428_PCC_7428
  KME28_18770_Pelatocladus_maniniholoensis_HA4357-MV3
  Riv7116_4191_Rivularia_sp._PCC_7116_PCC_7116
  Telo_1560_Thermosynechococcus_elongatus_BP-1
  KME29_39910_Calothrix_sp._FI2-JRJ7
  Cal6303_5614_Calothrix_sp._PCC_6303
  KME64_18955_Scytonematopsis_contorta_HA4267-MV1
  KME57_01095_Scytonema_hyalinum_WJT4-NPBG1
  KME30_08270_lphinoe_sp._HA4291-MV1
  KME46_11475_Brasilonema_angustatum_HA4187-MV1
  KME49_22160_Brasilonema_octagenarum_HA4186-MV1
  Tery_4011_Trichodesmium_erythraeum_IMS101
  KME12_19825_Trichocoleus_desertorum_ATA4-8-CV12
  Pse7367_2695_Pseudanabaena_sp._PCC_7367_PCC_7367
  Synpcc7942_1983_Synechococcus_elongatus_=_FACHB-805_PCC_7942
  M744_06505_Synechococcus_sp._UTEX_2973_UTEX_2973
  syc2113_c_Synechococcus_elongatus_PCC_6301
  KME02_13090_Aphanothece_saxicola_GSE-SYN-MK-01-06B
  Cyagr_2890_Cyanobium_gracile_PCC_6307
  PMN2A_1510_Prochlorococcus_marinus_str._NATL2A
  EW15_0231_Prochlorococcus_sp._MIT_0801_MIT_0801
  NATL1_02161_Prochlorococcus_marinus_str._NATL1A
  Pro_0167_Prochlorococcus_marinus_subsp._marinus_str._CCMP1375_CCMP1375__SS120
  P9515_01721_Prochlorococcus_marinus_str._MIT_9515
  PMM0144_Prochlorococcus_marinus_subsp._pastoris_str._CCMP1986_MED4
  PMT9312_0146_Prochlorococcus_marinus_str._MIT_9312
  P9215_01611_Prochlorococcus_marinus_str._MIT_9215
  EW14_0186_Prochlorococcus_sp._MIT_0604_MIT_0604
  A9601_01611_Prochlorococcus_marinus_str._AS9601
  P9301_01631_Prochlorococcus_marinus_str._MIT_9301
  PMT_2004_Prochlorococcus_marinus_str._MIT_9313_MIT9313
  SynWH8103_02594_Synechococcus_sp._WH_8103_WH_8103
  KR49_07565_Synechococcus_sp._KORDI-49_KORDI-49
  KR52_04115_Synechococcus_sp._KORDI-52_KORDI-52
  Syncc9605_2395_Synechococcus_sp._CC9605_CC9605
  Syncc8109_2504_Synechococcus_sp._WH_8109_WH_8109
  KR100_14820_Synechococcus_sp._KORDI-100_KORDI-100
  Syncc9902_0298_Synechococcus_sp._CC9902_CC9902
  sync_2608_Synechococcus_sp._CC9311_CC9311
  GEI7407_1139_Geitlerinema_sp._PCC_7407_PCC_7407
  PCC7424_1157_Gloeothece_citriformis_PCC_7424
  Cyan7822_1223_Gloeothece_verrucosa_PCC_7822
  Cyan10605_0874_Cyanobacterium_aponinum_PCC_10605
  D082_22590_Synechocystis_sp._PCC_6714_PCC_6714
  SYNGTS_1271_Synechocystis_sp._PCC_6803_GT-S
  SynPCC6803_1269_Synechocystis_sp._PCC_6803_PCC_6803
  AOY38_06565_Synechocystis_sp._PCC_6803_PCC_6803_substr._GT-G
  SYNGTI_1271_Synechocystis_sp._PCC_6803_substr._GT-I_
  SYNPCCN_1270_Synechocystis_sp._PCC_6803_substr._PCC-N_
  SYNPCCP_1270_Synechocystis_sp._PCC_6803_substr._PCC-P_
  MAE_12930_Microcystis_aeruginosa_NIES-843
  ETSB_0715_cyanobacterium_endosymbiont_of_Epithemia_turgida_isolate_EtSB_Lake_Yunoko_ETSB_Lake_Yunoko
  PCC8801_0308_Rippkaea_orientalis_PCC_8801
  Cyan8802_0308_Rippkaea_orientalis_PCC_8802
  UCYN_01070_Candidatus_Atelocyanobacterium_thalassa_isolate_ALOHA_ALOHA
  cce_3754_Crocosphaera_subtropica_ATCC_51142
  Dacsa_1459_Dactylococcopsis_salina_PCC_8305
  PCC7418_3680_Halothece_sp._PCC_7418_PCC_7418
  Lepto7376_2525_Leptolyngbya_sp._PCC_7376_
  SYNPCC7002_A1935_Synechococcus_sp._PCC_7002_PCC_7002__ATCC_27264
  Aazo_2875_Nostoc_azollae_0708
  ANA_C20304_Anabaena_sp._90_90
  AA650_04095_Anabaena_sp._WA102_WA102
  KME59_03615_Trichormus_sp._ATA11-4-KO1
  KME23_15365_Goleter_apudmare_HA4340-LM2
  Cal7507_3633_Calothrix_sp._PCC_7507_PCC_7507
  KME21_02685_Desmonostoc_vinosum_HA7617-LM4
  Oscil6304_1226_Oscillatoria_acuminata_PCC_6304
  KME01_06195_Chroococcus_sp._CMT-3BRIN-NPC107
  Osc7112_5867_Oscillatoria_nigro-viridis_PCC_7112
  Cri9333_2890_Crinalium_epipsammum_PCC_9333
  KME17_15945_Cyanosarcina_radialis_HA8281-LM2
  KME08_21255_Aphanothece_sp._CMT-3BRIN-NPC111
  KME26_05050_Oscillatoria_princeps_RMCB-10
  KME19_07700_Microcoleus_vaginatus_WJT46-NPBG5
  Mic7113_2705_Microcoleus_sp._PCC_7113_PCC_7113
  KME25_16675_Symplocastrum_torsivum_CPER-KK1
 KME06_01255_Kastovskya_adunca_ATA6-11-RM4
Glo7428_1207_Gloeocapsa_sp._PCC_7428_PCC_7428
```

0.5