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KME49_12755_Brasilonema_octagenarum_HA4186-MV1
                 KME46_04525_Brasilonema_angustatum_HA4187-MV1
                  KME30_07035_lphinoe_sp._HA4291-MV1

    KME57 28845 Scytonema hyalinum WJT4–NPBG1

                          KME29_38180_Calothrix_sp._FI2-JRJ7
                               Cal6303_4665_Calothrix_sp._PCC_6303
                  KME33_04185_Aetokthonos_hydrillicola_B3-Florida
                     Riv7116_4535_Rivularia_sp._PCC_7116_PCC_7116
                   KME60_31875_Cyanomargarita_calcarea_GSE-NOS-MK-12-04C

    KME64_36920_Scytonematopsis_contorta_HA4267-MV1

               KME38_07560_Spirirestis_raphaelensis_WJT71-NPBG6
               L KME22_04780_Hassallia_sp._WJT32-NPBG1
              KME31 32950 Tolypothrix carrinoi HA7290-LM1
              KME54_06440_Tolypothrix_brevis_GSE-NOS-MK-07-07A
         - KME55_28735_Nostoc_indistinguendum_CM1-VF10
       ☐ Npun_R6006_Nostoc_punctiforme_PCC_73102_ATCC_29133__PCC_73102
            KME52_00170_Desmonostoc_geniculatum_HA4340-LM1
        - KME40_02785_Komarekiella_atlantica_HA4396-MV6
                         Glo7428_2812_Gloeocapsa_sp._PCC_7428_PCC_7428
                      Chro_0501_Chroococcidiopsis_thermalis_PCC_7203
                  - KME01_05740_Chroococcus_sp._CMT-3BRIN-NPC107
          Ava_1513_Trichormus_variabilis_ATCC_29413
             NPCC7120_144_Nostoc_sp._PCC_7120_=_FACHB-418_PCC_7120
          Nos7524_5353_Nostoc_sp._PCC_7524_PCC_7524
          Nos7107_2294_Nostoc_sp._PCC_7107_PCC_7107
         KME59_02785_Trichormus_sp._ATA11-4-KO1
        KME21_18200_Desmonostoc_vinosum_HA7617-LM4
              AA650_23095_Anabaena_sp._WA102_WA102
                 · ANA_C10542_Anabaena_sp._90_90
        Aazo_0426_Nostoc_azollae_0708
         - Anacy_3645_Anabaena_cylindrica_PCC_7122
        - Cal7507_0631_Calothrix_sp._PCC_7507_PCC_7507
    KME23_12295_Goleter_apudmare_HA4340-LM2
      KME32_10760_Mojavia_pulchra_JT2-VF2
          IJ00_00200_Calothrix_sp._336_3_336_3
    - KME28_09760_Pelatocladus_maniniholoensis_HA4357-MV3
Cri9333_1367_Crinalium_epipsammum_PCC_9333
 KME08_05260_Aphanothece_sp._CMT-3BRIN-NPC111
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                                              SYNGTI_1543_Synechocystis_sp._PCC_6803_substr._GT-I
                                              SYNGTS_1543_Synechocystis_sp._PCC_6803_GT-S
                                              SYNPCCP_1542_Synechocystis_sp._PCC_6803_substr._PCC-P
                                              SynPCC6803_1540_Synechocystis_sp._PCC_6803_PCC_6803
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                                            Cyan10605_2541_Cyanobacterium_aponinum_PCC_10605
                               MAE_60880_Microcystis_aeruginosa_NIES-843
                                  Cyan7822_1950_Gloeothece_verrucosa_PCC_7822
                               PCC7424_3100_Gloeothece_citriformis_PCC_7424
                                      Sta7437_2296_Stanieria_cyanosphaera_PCC_7437
                                            KME09_14960_Pleurocapsa_minor_HA4230-MV1
                             cce_4748_Crocosphaera_subtropica_ATCC_51142
                      Ple7327_2207_Pleurocapsa_sp._PCC_7327
                                SYNPCC7002_A2032_Synechococcus_sp._PCC_7002_PCC_7002__ATCC_27264
                                        Lepto7376 2457 Leptolyngbya sp. PCC 7376
                                  PCC7418_0745_Halothece_sp._PCC_7418_PCC_7418
                                   Dacsa_2724_Dactylococcopsis_salina_PCC_8305
                                                                            I GvioPCC7421_1356_Gloeobacter_violaceus_PCC_7421
                                                                            L KME03_11490_Aphanocapsa_lilacina_HA4352-LM1
                                                                           GKIL_0807_Gloeobacter_kilaueensis_JS1
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                                                      CYA_1532_Synechococcus_sp._JA-3-3Ab_JA-3-3Ab
                                                        CYB_0539_Synechococcus_sp._JA-2-3Ba2-13_JA-2-3Ba2-13
                                         Syn7502_01318_Synechococcus_sp._PCC_7502_PCC_7502
                                             - Pse7367 3346 Pseudanabaena sp. PCC 7367 PCC 7367
       KME12_01740_Trichocoleus_desertorum_ATA4-8-CV12
                            - KME20_19345_Kaiparowitsia_implicata_GSE-PSE-MK54-09C
                                         KME14_24600_Tildeniella_torsiva_UHER_1998_13D
                     KME15_11060_Drouetiella_hepatica_UHER_2000_2452
               KME11_08945_Timaviella_obliquedivisa_GSE-PSE-MK23-08B
               KME07 14995 Pegethrix bostrychoides GSE-TBD4-15B
               GEI7407_3657_Geitlerinema_sp._PCC_7407_PCC_7407
            KME45_15410_Stenomitos_rutilans_HA7619-LM2
                 - KME27_23840_Lyngbya_sp._HA4199-MV5
            KME42_10245_Tildeniella_nuda_ZEHNDER_1965_U140

    KME57_28295_Scytonema_hyalinum_WJT4-NPBG1

              KME16_00715_Scytolyngbya_sp._HA4215-MV1
              KME10_25095_Plectolyngbya_sp._WJT66-NPBG17
              KME18_23465_Oscillatoria_tanganyikae_FI6-MK23
             KME43_19985_Myxacorys_chilensis_ATA2-1-KO14
             KME13_13950_Myxacorys_californica_WJT36-NPBG1
                       - Syn6312_3253_Synechococcus_sp._PCC_6312_PCC_6312

    Telo_413_Thermosynechococcus_elongatus_BP-1

                       Cyan7425_2510_Cyanothece_sp._PCC_7425_PCC_7425
                  KME35_12810_Aphanocapsa_sp._GSE-SYN-MK-11-07L
          Osc7112_5527_Oscillatoria_nigro-viridis_PCC_7112
KME26_30310_Oscillatoria_princeps_RMCB-10
   KME19_11270_Microcoleus_vaginatus_WJT46-NPBG5
     Oscil6304_3477_Oscillatoria_acuminata_PCC_6304
             Mic7113_5391_Microcoleus_sp._PCC_7113_PCC_7113
            KME25_27760_Symplocastrum_torsivum_CPER-KK1
        KME06_06805_Kastovskya_adunca_ATA6-11-RM4
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