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KME49_12755_Brasilonema_octagenarum_HA4186-MV1
            L 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
     L KME50_15540_Nostoc_desertorum_CM1-VF14
      └ 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
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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
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                         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
                                                         GvioPCC7421_1356_Gloeobacter_violaceus_PCC_7421
                                                         L KME03_11490_Aphanocapsa_lilacina_HA4352-LM1
                                                         GKIL_0807_Gloeobacter_kilaueensis_JS1
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                                          CYB_0539_Synechococcus_sp._JA-2-3Ba2-13_JA-2-3Ba2-13
                               Syn7502_01318_Synechococcus_sp._PCC_7502_PCC_7502
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     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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