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                 GvioPCC7421 2791 Gloeobacter violaceus PCC 7421
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           CYB_2706_Synechococcus_sp._JA-2-3Ba2-13_JA-2-3Ba2-13
               Telo_604_Thermosynechococcus_elongatus_BP-1
            Pse7367_0102_Pseudanabaena_sp._PCC_7367_PCC_7367
      Syn7502_02070_Synechococcus_sp._PCC_7502_PCC_7502

KME14_21010_Tildeniella_torsiva_UHER_1998_13D

-KME47_22150_Nodosilinea_sp._WJT8-NPBG4

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    KME15_03665_Drouetiella_hepatica_UHER_2000_2452
     KME07_16145_Pegethrix_bostrychoides_GSE-TBD4-15B
   KME11_09870_Timaviella_obliquedivisa_GSE-PSE-MK23-08B
  KME10_16565_Plectolyngbya_sp._WJT66-NPBG17
  KME18_19720_Oscillatoria_tanganyikae_FI6-MK23
   KME43_11010_Myxacorys_chilensis_ATA2-1-KO14
   KME13_21950_Myxacorys_californica_WJT36-NPBG1
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           Syn6312_1560_Synechococcus_sp._PCC_6312_PCC_6312
    KME35_08120_Aphanocapsa_sp._GSE-SYN-MK-11-07L
    AM1_3984_Acaryochloris_marina_MBIC11017
Osc7112 4759 Oscillatoria nigro-viridis PCC 7112
  GEI7407 3235 Geitlerinema sp. PCC 7407 PCC 7407
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          SYNPCCN_1842_Synechocystis_sp._PCC_6803_substr._PCC-N
          SYNGTI_1843_Synechocystis_sp._PCC_6803_substr._GT-I
          SYNGTS_1843_Synechocystis_sp._PCC_6803_GT-S
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Sta7437_2032_Stanieria_cyanosphaera_PCC_7437
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       KME09_08105_Pleurocapsa_minor_HA4230-MV1
    Cyan8802_4355_Rippkaea_orientalis_PCC_8802
    PCC8801_4295_Rippkaea_orientalis_PCC_8801
   cce_0963_Crocosphaera_subtropica_ATCC_51142
  Cyan7822_0322_Gloeothece_verrucosa_PCC_7822
  PCC7424_3633_Gloeothece_citriformis_PCC_7424
  Ple7327_0046_Pleurocapsa_sp._PCC_7327
     Tery 0609_Trichodesmium_erythraeum_IMS101
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KME08 09775 Aphanothece sp. CMT-3BRIN-NPC111
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 KME12_12590_Trichocoleus_desertorum_ATA4-8-CV12
    Oscil6304_1425_Oscillatoria_acuminata_PCC_6304
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 -KME26_30145_Oscillatoria_princeps_RMCB-10
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ANA_C20097_Anabaena_sp._90_90
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-KME21_14645_Desmonostoc_vinosum_HA7617–LM4
  Ava_2414_Trichormus_variabilis_ATCC_29413

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   KME59_25790_Trichormus_sp._ATA11-4-KO1
  -Cal7507_1801_Calothrix_sp._PCC_7507_PCC_7507
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   -KME32_02470_Mojavia_pulchra_JT2-VF2
  KME55_18220_Nostoc_indistinguendum_CM1-VF10
  KME50 17890 Nostoc desertorum CM1-VF14
  LNpun_F5020_Nostoc_punctiforme_PCC_73102_ATCC_29133__PCC_73102
  -KME52_24295_Desmonostoc_geniculatum_HA4340-LM1
 LKME40 07890 Komarekiella atlantica HA4396-MV6
  r KME49_12165_Brasilonema_octagenarum_HA4186-MV1
  <sup>L</sup>KME46_20545_Brasilonema_angustatum_HA4187–MV1
  ·KME30_12820_lphinoe_sp._HA4291-MV1
  -KME57_23890_Scytonema_hyalinum_WJT4-NPBG1
   KME28_17410_Pelatocladus_maniniholoensis_HA4357-MV3
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    ·KME27_12415_Lyngbya_sp._HA4199-MV5
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