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ÑÃTL1_06511_Prochlorococcus_marinus_str._NATL1A
 EN 15_0692_Prochlorococcus_sp._MIT_0801_MIT_0801
 PMT_0426_Prochlorococcus_marinus_str._MIT_9313_MIT9313
  Syncc8109_1659_Synechococcus_sp._WH_8109_WH_8109
 ҚМЕ12_17455_Trichocoleus_desertorum_ATA4-8-CV12
 ĺĴ00_20525_Calothrix_sp._336_3_336_3
Synpcc7942_0310_Synechococcus_elongatus_=_FACHB-805_PCC_7942
syc1203_d_Synechococcus_elongatus_PCC_6301
M744_01465_Synechococcus_sp._UTEX_2973_UTEX_2973
KME02_11530_Aphanothece_saxicola_GSE-SYN-MK-01-06B
Cyagr_0461_Cyanobium_gracile_PCC_6307
รู้งุ๊nc_1593_Synechococcus_sp._CC9311_CC9311
Syncc9902_1282_Synechococcus_sp._CC9902_CC9902
KR52_10700_Synechococcus_sp._KORDI-52_KORDI-52
 §წეიc9605_1188_Synechococcus_sp._CC9605_CC9605
 5%hcc8109 1495 Synechococcus sp. WH 8109 WH 8109
SynWH8103 01188 Synechococcus sp. WH 8103 WH 8103
 $\frac{\text{R}}100_09735_Synechococcus_sp._KORDI-100_KORDI-100

\text{R49_03015_Synechococcus_sp._KORDI-49_KORDI-49}

 ,Pgp_0764_Prochlorococcus_marinus_subsp._marinus_str._CCMP1375_CCMP1375__SS120
 EW15_0967_Prochlorococcus_sp._MIT_0801_MIT_0801
 ህ<u>ል</u>TL1_09481_Prochlorococcus_marinus_str._NATL1A
  MN2A_0279_Prochlorococcus_marinus_str._NATL2A
 P9301_09261_Prochlorococcus_marinus_str._MIT_9301
 99601_09281_Prochlorococcus_marinus_str._AS9601
   ₩14_0958_Prochlorococcus_sp._MIT_0604_MIT_0604
  P9215_09581_Prochlorococcus_marinus_str._MIT_9215
 PMT9312_0867_Prochlorococcus_marinus_str._MIT_9312
  P9515_10151_Prochlorococcus_marinus_str._MIT_9515
 P๊MM0932_Prochlorococcus_marinus_subsp._pastoris_str._CCMP1986_MED4
PMT_0620_Prochlorococcus_marinus_str._MIT_9313_MIT9313
GKIL_0654_Gloeobacter_kilaueensis_JS1
KME03 09395 Aphanocapsa lilacina HA4352-LM1
ชั่งที่oPCC7421_102_Gloeobacter_violaceus_PCC_7421
CYB_1390_Synechococcus_sp._JA-2-3Ba2-13_JA-2-3Ba2-13
<sup>0</sup>C∜A_0285_Synechococcus_sp._JA-3-3Ab_JA-3-3Ab
Pse7367_3598_Pseudanabaena_sp._PCC_7367_PCC_7367
Syn7502 02413 Synechococcus sp. PCC 7502 PCC 7502
D082_34860_Synechocystis_sp._PCC_6714_PCC_6714
SYNGTS_0087_Synechocystis_sp._PCC_6803_GT-S
AOY38_00445_Synechocystis_sp._PCC_6803_PCC_6803_substr._GT-G
SYNGTI_0087_Synechocystis_sp._PCC_6803_substr._GT-I
SYNPCCN_0087_Synechocystis_sp._PCC_6803_substr._PCC-N
SYNPCCP_0087_Synechocystis_sp._PCC_6803_substr._PCC-P
SynPCC6803_8_Synechocystis_sp._PCC_6803_PCC_6803
o_epto7376_0912_Leptolyngbya_sp._PCC_7376_
SYNPCC7002_A2416_Synechococcus_sp._PCC_7002_PCC_7002__ATCC_27264
AM1_1752_Acaryochloris_marina_MBIC11017
ൂTഏlo_499_Thermosynechococcus_elongatus_BP-1
 vn6312_1326_Synechococcus_sp._PCC_6312_PCC_6312
ጚ፝∭E35_16180_Aphanocapsa_sp._GSE-SYN-MK-11-07L
Čyan7425_0570_Cyanothece_sp._PCC_7425_PCC_7425
KME47 04040 Nodosilinea sp. WJT8-NPBG4
KME14_06800_Tildeniella_torsiva_UHER_1998_13D
Ple7327_3244_Pleurocapsa_sp._PCC_7327
ETSB_0718_cyanobacterium_endosymbiont_of_Epithemia_turgida_isolate_EtSB_Lake_Yunoko_ETSB_Lake_Yunoko
灶CYN_08710_Candidatus_Atelocyanobacterium_thalassa_isolate_ALOHA_ALOHA
ัดิรัย 1317 Crocosphaera subtropica ATCC 51142
PCC8801_1003_Rippkaea_orientalis_PCC_8801
©yan8802_1032_Rippkaea_orientalis_PCC_8802
MAE_04520_Microcystis_aeruginosa_NIES-843
PCC7424 4466 Gloeothece citriformis PCC 7424
Cyan7822 0696 Gloeothece verrucosa PCC 7822
Sta7437_3136_Stanieria_cyanosphaera_PCC_7437
KME09_17510_Pleurocapsa_minor_HA4230-MV1
ぴyan10605_0847_Cyanobacterium_aponinum_PCC_10605
Ďácsa_1455_Dactylococcopsis_salina_PCC_8305
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KME45\_17800\_Stenomitos\_rutilans\_HA7619-LM2 KME08\_03020\_Aphanothece\_sp.\_CMT-3BRIN-NPC111 ₭₩E17\_28130\_Cyanosarcina\_radialis\_HA8281-LM2 Cri9333\_1214\_Crinalium\_epipsammum\_PCC\_9333

KME12\_05320\_Trichocoleus\_desertorum\_ATA4-8-CV12 ර්sc7112\_0274\_Oscillatoria\_nigro-viridis\_PCC\_7112 KME42\_01310\_Tildeniella\_nuda\_ZEHNDER\_1965\_U140

∰E22\_11555\_Hassallia\_sp.\_WJT32-NPBG1

KME27\_23085\_Lyngbya\_sp.\_HA4199-MV5

**%**፝፠}E29\_31890\_Calothrix\_sp.\_FI2-JRJ7

©al6303\_1212\_Calothrix\_sp.\_PCC\_6303 ĨĴŎ0\_01690\_Calothrix\_sp.\_336\_3\_336\_3

PMN2A\_0031\_Prochlorococcus\_marinus\_str.\_NATL2A

- Glo7428\_2366\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428 ₾ffro\_3472\_Chroococcidiopsis\_thermalis\_PCC\_7203 ₭̃ME05\_17385\_Gloeocapsa\_sp.\_UFS-A4-WI-NPMV-4B04 KME01\_08700\_Chroococcus\_sp.\_CMT-3BRIN-NPC107 Riv7116\_4347\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116
- 🕍 E64\_16985\_Scytonematopsis\_contorta\_HA4267-MV1 KME30\_16115\_lphinoe\_sp.\_HA4291-MV1 ₭₩E57\_32915\_Scytonema\_hyalinum\_WJT4-NPBG1 ₭ŊE46\_11570\_Brasilonema\_angustatum\_HA4187-MV1 ₭₩E49\_27310\_Brasilonema\_octagenarum\_HA4186-MV1
- Nos7107\_4629\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107 <u>AA650\_12530\_Anabaena\_sp.\_WA102\_WA102</u> ື້ທີ່acy\_0645\_Anabaena\_cylindrica\_PCC\_7122

KME33\_09700\_Aetokthonos\_hydrillicola\_B3-Florida

- Ääzo\_3809\_Nostoc\_azollae\_0708 Nos7524\_1443\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524 NPCC7120\_3227\_Nostoc\_sp.\_PCC\_7120\_=\_FACHB-418\_PCC\_7120 Äva\_4887\_Trichormus\_variabilis\_ATCC\_29413 **⋘**9E59\_27160\_Trichormus\_sp.\_ATA11-4-KO1
- Cal7507\_5710\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507 KME40\_03360\_Komarekiella\_atlantica\_HA4396-MV6 ₭ME21\_20040\_Desmonostoc\_vinosum\_HA7617-LM4 KME52\_12140\_Desmonostoc\_geniculatum\_HA4340-LM1

KME50\_20510\_Nostoc\_desertorum\_CM1-VF14

്KME55\_04835\_Nostoc\_indistinguendum\_CM1-VF10

KME32\_10420\_Mojavia\_pulchra\_JT2-VF2 º₭ºME60\_11490\_Cyanomargarita\_calcarea\_GSE-NOS-MK-12-04C KME28\_24545\_Pelatocladus\_maniniholoensis\_HA4357-MV3 KME54\_03465\_Tolypothrix\_brevis\_GSE-NOS-MK-07-07A

Npun\_R4911\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_\_PCC\_73102

- KME38\_04660\_Spirirestis\_raphaelensis\_WJT71-NPBG6 KME31 14675 Tolypothrix carrinoi HA7290-LM1 KME25\_07750\_Symplocastrum\_torsivum\_CPER-KK1
- Mic7113\_3654\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113 KME06\_15000\_Kastovskya\_adunca\_ATA6-11-RM4
- GE17407\_3045\_Geitlerinema\_sp.\_PCC\_7407\_PCC\_7407 KME19 17105 Microcoleus vaginatus WJT46-NPBG5 KME26\_23640\_Oscillatoria\_princeps\_RMCB-10
- KME15\_12020\_Drouetiella\_hepatica\_UHER\_2000\_2452 ₭∰E07\_08415\_Pegethrix\_bostrychoides\_GSE-TBD4-15B dkaME11\_08710\_Timaviella\_obliquedivisa\_GSE-PSE-MK23-08B KME16\_04890\_Scytolyngbya\_sp.\_HA4215-MV1

KME20\_06815\_Kaiparowitsia\_implicata\_GSE-PSE-MK54-09C

KME18\_24160\_Oscillatoria\_tanganyikae\_FI6-MK23 KME10 11150 Plectolyngbya sp. WJT66-NPBG17 KME13\_04605\_Myxacorys\_californica\_WJT36-NPBG1 KME43\_07680\_Myxacorys\_chilensis\_ATA2-1-KO14

0.6