```
Synpcc7942_0713_Synechococcus_elongatus_=_FACHB-805_PCC_7942
syc0817_d_Synechococcus_elongatus_PCC_6301
M744_13220_Synechococcus_sp._UTEX_2973_UTEX_2973
CYB_0121_Synechococcus_sp._JA-2-3Ba2-13_JA-2-3Ba2-13
CYA_2387_Synechococcus_sp._JA-3-3Ab_JA-3-3Ab
GKIL_2289_Gloeobacter_kilaueensis_JS1
GyioPCC7421_3622_Gloeobacter_violaceus_PCC_7421
KME03_03865_Aphanocapsa_lilacina_HA4352-LM1
AM1_0149_Acaryochloris_marina_MBIC11017
AM1_0.71_Lepto7376_4228_Leptolyngbya_sp._PCC_7376_
0.98_SYNPCC7002_A0743_Synechococcus_sp._PCC_7002_PCC_7002_ATCC_27264
GEI7407_0120_Geitlerinema_sp._PCC_7407_PCC_7407

GEI7407_0120_Geitlerinema_sp._WJT8-NPBG4
                                                   KME47_17410_Nodosilinea_sp._PCC_/40/_PCC_/40/
KME47_17410_Nodosilinea_sp._WJT8-NPBG4
KME14_19765_Tildeniella_torsiva_UHER_1998_13D
Oscil6304_2940_Oscillatoria_acuminata_PCC_6304
                                           Cyan10605_1795_Cyanobacterium_aponinum_PCC_10605

Output

Outp
                                                Syn7502_00180_Synechococcus_sp._PCC_7502_PCC_7502

Pse7367_3009_Pseudanabaena_sp._PCC_7367_PCC_7367

Ple7327_0946_Pleurocapsa_sp._PCC_7327
             Ple7327_0946_Pleurocapsa_sp._PCC_7327

Ple7327_0946_Pleurocapsa_sp._PCC_7822

PCC7424_5324_Gloeothece_citriformis_PCC_7424

MAE_28180_Microcystis_aeruginosa_NIES-843

PCC8801_2798_Rippkaea_orientalis_PCC_8801

Quan8802_3302_Rippkaea_orientalis_PCC_8802

PCS801_302_Rippkaea_orientalis_PCC_8802

PCYN_06810_Candidatus_Atelocyanobacterium_thalassa_isolate_ALOHA_ALOHA

Dacsa_3012_Dactylococcopsis_salina_PCC_8305

PCC7418_1989_Halothece_sp._PCC_7418_PCC_7418

PCC7418_1989_Halothece_sp._PCC_7418_PCC_7418

Sta7437_2140_Stanieria_cyanosphaera_PCC_7437

KME09_19285_Pleurocapsa_minor_HA4230-MV1

Sta7437_2140_Stanieria_cyanosphaera_PCC_7437

KME06_10455_Kastovskya_adunca_ATA6-11-RM4

C.67 KME16_16905_Scytolyngbya_sp._HA4215-MV1

PCRME17_00730_Cyanosarcina_radialis_HA8281-LM2

ME08_06345_Aphanothece_sp._CMT-3BRIN-NPC111

DECTION OF COLUMN COLU
                                    Cri9333_4270_Crinalium_epipsammum_PCC_9333

0.5 KME19_23030_Microcoleus_vaginatus_WJT46-NPBG5

KME05_15550_Gloeocapsa_sp._UFS-A4-WI-NPMV-4B04

KME22_11570_Hassallia_sp._WJT32-NPBG1
                                                                              Chro_0596_Chroococcidiopsis_thermalis_PCC_7203

KME35_02600_Aphanocapsa_sp._GSE-SYN-MK-11-07L
                                                                                              KME42_23480_Tildeniella_nuda_ZEHNDER_1965_U140

SME27_05745_Lyngbya_sp._HA4199-MV5

0.42KME45_10775_Stenomitos_rutilans_HA7619-LM2
                                                                                       Syn6312_0804_Synechococcus_sp._PCC_6312_PCC_6312

Syn6312_0804_Synechococcus_sp._PCC_6312_PCC_6312

KME18_15910_Oscillatoria_tanganyikae_FI6-MK23

KME10_15065_Plectolyngbya_sp._WJT66-NPBG17

KME13_12695_Myxacorys_californica_WJT36-NPBG1

KME43_09290_Myxacorys_chilensis_ATA2-1-KO14

KME20_25535_Kaiparowitsia_implicata_GSE-PSE-MK54-09C

Cyan7425_3649_Cyanothece_sp._PCC_7425_PCC_7425

KME11_13255_Timaviella_obliquedivisa_GSE-PSE-MK23-08B
                                ME49_02235_Brasilonema_octagenarum_HA4186-MV1
                                               KME32_02500_Mojavia_pulchra_JT2-VF2
                                                                                Aazo_0299_Nostoc_azollae_0708
                                                 PARTICLE AND ACTION OF STATE O
                                                  KME60_05325_Cyanomargarita_calcarea_GSE-NOS-MK-12-04C
KME60_05325_Cyanomargarita_calcarea_GSE-NOS-MK-12-04C
KME33_28620_Aetokthonos_hydrillicola_B3-Florida
KME57_23850_Scytonema_hyalinum_WJT4-NPBG1
KME21_09125_Desmonostoc_vinosum_HA7617-LM4
KME59_25835_Trichormus_sp._ATA11-4-KO1
KME31_24745_Tolypothrix_carrinoi_HA7290-LM1
KME31_24745_Tolypothrix_brevis_GSE-NOS-MK-07-07A
KME38_04500_Spirirestis_raphaelensis_WJT71-NPBG6
KME52_24330_Desmonostoc_geniculatum_HA4340-LM1
KME55_18185_Nostoc_indistinguendum_CM1-VF10
KME50_17860_Nostoc_desertorum_CM1-VF14
KME40_07930_Komarekiella_atlantica_HA4396-MV6
COSC7112_0691_Oscillatoria_nigro-viridis_PCC_7112
                         KME40_07930_Komarekiella_atlantica_HA4396-MV6
Osc7112_0691_Oscillatoria_nigro-viridis_PCC_7112
O.87 Mic7113_2454_Microcoleus_sp._PCC_7113_PCC_7113
KME12_10260_Trichocoleus_desertorum_ATA4-8-CV12
KME01_08385_Chroococcus_sp._CMT-3BRIN-NPC107
KME02_01780_Aphanothece_saxicola_GSE-SYN-MK-01-06B
Cyagr_0687_Cyanobium_gracile_PCC_6307
Syncc8109_1390_Synechococcus_sp._WH_8109_WH_8109
O.85Syncc9605_1298_Synechococcus_sp._KORDI-52_KORDI-52
KR100_09100_Synechococcus_sp._CC9605_CC9605
KR100_09100_Synechococcus_sp._KORDI-100_KORDI-100
O.85SKR49_02485_Synechococcus_sp._KORDI-49_KORDI-49
SynWH8103_01317_Synechococcus_sp._WH 8103_WH 8103
0.99
                                                                     SynWH8103_01317_Synechococcus_sp._WH_8103_WH_8103
SynWH8103_01317_Synechococcus_sp._CC9902_CC9902
Syncc9902_1179_Synechococcus_sp._CC9902_CC9902
sync_1674_Synechococcus_sp._CC9311_CC9311
P9515_07491_Prochlorococcus_marinus_str._MIT_9515
                       0.72
                                                                                                                                                                EW14_0750_Prochlorococcus_sp._MIT_0604_MIT_0604
P9215_07611_Prochlorococcus_marinus_str._MIT_9215
A8601_07311_Prochlorococcus_marinus_str._AS9601
P9301_07291_Prochlorococcus_marinus_str._MIT_9301
PMT9312_0676_Prochlorococcus_marinus_str._MIT_9312
                                                                                                                                                 Pro_1015_Prochlorococcus_marinus_subsp._marinus_str._CCMP1375_CCMP1375__SS120
NATL1_07341_Prochlorococcus_marinus_str._NATL1A
EW15_0778_Prochlorococcus_sp._MIT_0801_MIT_0801
PMN2A_0109_Prochlorococcus_marinus_str._NATL2A
                                                                                                      0.95
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