

SYNPCC7002\_A0159  
SYNPCC7002\_A2756  
PCC8801\_2805  
KME47\_04010  
KME14\_06775  
KME46\_02890  
KME49\_12955  
Anacy\_4777  
KME64\_11525  
J00\_05010  
Osc7112\_3884  
M7c7113\_1841  
KME06\_03230  
CYB\_0102\_Synechococcus\_sp.\_JA-2-3Ba2-13\_JA-2-3Ba2-13  
CYA\_1931\_Synechococcus\_sp.\_JA-3-3Ab\_JA-3-3Ab  
Pse7367\_1677\_Pseudanabaena\_sp.\_PCC\_7367\_PCC\_7367  
Syn7502\_00758\_Synechococcus\_sp.\_PCC\_7502\_PCC\_7502  
Synpcc7942\_2439\_Synechococcus\_elongatus\_=\_FACHB-805\_PCC\_7942  
syc1667\_c\_Synechococcus\_elongatus\_PCC\_6301  
M744\_04045\_Synechococcus\_sp.\_UTEX\_2973\_UTEX\_2973  
sync\_0336\_Synechococcus\_sp.\_CC9311\_CC9311  
KR100\_02795\_Synechococcus\_sp.\_KORDI-100\_KORDI-100  
Syncc9902\_2058\_Synechococcus\_sp.\_CC9902\_CC9902  
Syncc8109\_0287\_Synechococcus\_sp.\_WH\_8109\_WH\_8109  
Syncc9605\_0286\_Synechococcus\_sp.\_CC9605\_CC9605  
KR52\_01045\_Synechococcus\_sp.\_KORDI-52\_KORDI-52  
SynWH8103\_00316\_Synechococcus\_sp.\_WH\_8103\_WH\_8103  
KR49\_10415\_Synechococcus\_sp.\_KORDI-49\_KORDI-49  
NATL1\_03151\_Prochlorococcus\_marinus\_str.\_NATL1A  
EW15\_0328\_Prochlorococcus\_sp.\_MIT\_0801\_MIT\_0801  
PMN2A\_1603\_Prochlorococcus\_marinus\_str.\_NATL2A  
Pro\_0266\_Prochlorococcus\_marinus\_subsp.\_marinus\_str.\_CCMP1375\_CCMP1375\_\_SS120  
P9515\_02681\_Prochlorococcus\_marinus\_str.\_MIT\_9515  
P9515\_02681\_Prochlorococcus\_marinus\_str.\_MIT\_9515  
PMM0236\_Prochlorococcus\_marinus\_subsp.\_pastoris\_str.\_CCMP1986\_MED4  
PMM1806\_Prochlorococcus\_marinus\_subsp.\_pastoris\_str.\_CCMP1986\_MED4  
A9601\_02571\_Prochlorococcus\_marinus\_str.\_AS9601  
P9301\_02581\_Prochlorococcus\_marinus\_str.\_MIT\_9301  
EW14\_0280\_Prochlorococcus\_sp.\_MIT\_0604\_MIT\_0604  
PMT9312\_0238\_Prochlorococcus\_marinus\_str.\_MIT\_9312  
P9215\_02581\_Prochlorococcus\_marinus\_str.\_MIT\_9215  
PMT\_1816\_Prochlorococcus\_marinus\_str.\_MIT\_9313\_MIT9313  
KME02\_11005\_Aphanothece\_saxicola\_GSE-SYN-MK-01-06B  
Cyagr\_1899\_Cyanobium\_gracile\_PCC\_6307  
Tery\_2925\_Trichodesmium\_erythraeum\_IMS101  
KME47\_00480\_Nodosilinea\_sp.\_WJT8-NPBG4  
KME14\_03360\_Tildeniella\_torsiva\_UHER\_1998\_13D  
D082\_12370\_Synechocystis\_sp.\_PCC\_6714\_PCC\_6714  
SynPCC6803\_890  
SYNPCCP\_0893\_Synechocystis\_sp.\_PCC\_6803\_substr.\_PCC-P  
SYNPCCN\_0893\_Synechocystis\_sp.\_PCC\_6803\_substr.\_PCC-N  
SYNGTI\_0894\_Synechocystis\_sp.\_PCC\_6803\_substr.\_GT-I  
SYNGTS\_0894\_Synechocystis\_sp.\_PCC\_6803\_GT-S  
AOY38\_04590\_Synechocystis\_sp.\_PCC\_6803\_PCC\_6803\_substr.\_GT-G  
PCC8801\_1623\_Rippkaea\_orientalis\_PCC\_8801  
Cyan8802\_1650\_Rippkaea\_orientalis\_PCC\_8802  
cce\_4622\_Crocospaera\_subtropica\_ATCC\_51142  
ETSB\_0218\_cyanobacterium\_endosymbiont\_of\_Epithemia\_turgida\_isolate\_EtSB\_Lake\_Yunoko\_ETSB\_Lake\_Yunoko  
PCC7424\_2363\_Gloeotheca\_citriformis\_PCC\_7424  
Cyan7822\_5374\_Gloeotheca\_verrucosa\_PCC\_7822  
Ple7327\_3175\_Pleurocapsa\_sp.\_PCC\_7327  
MAE\_07370\_Microcystis\_aeruginosa\_NIES-843  
Sta7437\_1044\_Stanieria\_cyanosphaera\_PCC\_7437  
KME09\_05570\_Pleurocapsa\_minor\_HA4230-MV1  
UCYN\_03310\_Candidatus\_Atelocyanobacterium\_thalassa\_isolate\_ALOHA\_ALOHA  
Cyan10605\_0193\_Cyanobacterium\_aponinum\_PCC\_10605  
Dacsa\_1449\_Dactylococcopsis\_salina\_PCC\_8305  
PCC7418\_3737\_Halothece\_sp.\_PCC\_7418\_PCC\_7418  
Lepto7376\_1862\_Leptolyngbya\_sp.\_PCC\_7376\_  
SYNPCC7002\_A0915\_Synechococcus\_sp.\_PCC\_7002\_PCC\_7002\_\_ATCC\_27264  
Osc7112\_3932\_Oscillatoria\_nigro-viridis\_PCC\_7112  
Cyan7425\_1008\_Cyanothece\_sp.\_PCC\_7425\_PCC\_7425  
KME35\_04190\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L  
Syn6312\_1126\_Synechococcus\_sp.\_PCC\_6312\_PCC\_6312  
Telo\_1899  
KME19\_06405\_Microcoleus\_vaginatus\_WJT46-NPBG5  
KME26\_24880\_Oscillatoria\_princeps\_RMCB-10  
Oscil6304\_1569\_Oscillatoria\_acuminata\_PCC\_6304  
AM1\_3637\_Acaryochloris\_marina\_MBIC11017  
KME17\_12915\_Cyanosarcina\_radialis\_HA8281-LM2  
M7c7113\_3686\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113  
Cri9333\_2574\_Crinalium\_epipsammum\_PCC\_9333  
KME16\_07395\_Scytolyngbya\_sp.\_HA4215-MV1  
KME08\_12130\_Aphanothece\_sp.\_CMT-3BRIN-NPC111  
KME11\_09665\_Timaviella\_obliquedivisa\_GSE-PSE-MK23-08B  
GEI7407\_1073\_Geitlerinema\_sp.\_PCC\_7407\_PCC\_7407  
KME20\_19950\_Kaiparowitsia\_implicata\_GSE-PSE-MK54-09C  
KME15\_07750\_Drouetiella\_hepatica\_UHER\_2000\_2452  
KME07\_01300\_Pegethrix\_bostrychoides\_GSE-TBD4-15B  
KME12\_06935\_Trichocoleus\_desertorum\_ATA4-8-CV12  
KME42\_09335\_Tildeniella\_nuda\_ZEHNDER\_1965\_U140  
KME27\_03520\_Lyngbya\_sp.\_HA4199-MV5  
KME45\_06615\_Stenomitos\_rutilans\_HA7619-LM2  
KME18\_11530\_Oscillatoria\_tanganyikae\_FI6-MK23  
KME10\_13010\_Plectolyngbya\_sp.\_WJT66-NPBG17  
KME13\_14175\_Myxacorys\_californica\_WJT36-NPBG1  
KME43\_24040\_Myxacorys\_chilensis\_ATA2-1-KO14  
KME06\_14020\_Kastovskya\_adunca\_ATA6-11-RM4  
Chro\_3206\_Chroococcidiopsis\_thermalis\_PCC\_7203  
Glo7428\_0561\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428  
KME01\_04435\_Chroococcus\_sp.\_CMT-3BRIN-NPC107  
KME05\_24115\_Gloeocapsa\_sp.\_UFS-A4-WI-NPMV-4B04  
KME57\_02100\_Scytonema\_hyalinum\_WJT4-NPBG1  
KME54\_03110\_Tolypothrix\_brevis\_GSE-NOS-MK-07-07A  
KME31\_19295\_Tolypothrix\_carrinoi\_HA7290-LM1  
KME22\_18725\_Hassallia\_sp.\_WJT32-NPBG1  
KME38\_07240\_Spirirestis\_raphaelensis\_WJT71-NPBG6  
KME64\_25105\_Scytonematopsis\_contorta\_HA4267-MV1  
KME28\_14075\_Pelatocladus\_maniniholoensis\_HA4357-MV3  
Riv7116\_5926\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
Cal700\_14225\_Calothrix\_sp.\_336\_3\_336\_3  
Cal6303\_0555\_Calothrix\_sp.\_PCC\_6303  
KME29\_33915\_Calothrix\_sp.\_FI2-JRJ7  
KME33\_27185\_Aetokthonos\_hydrillicola\_B3-Florida  
KME60\_14655\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C  
KME30\_11290\_Iphinoe\_sp.\_HA4291-MV1  
KME46\_08135\_Brasilnema\_angustatum\_HA4187-MV1  
KME49\_23915\_Brasilnema\_octagenarum\_HA4186-MV1  
KME32\_11395\_Mojavia\_pulchra\_JT2-VF2  
KME52\_01420\_Desmonostoc\_geniculatum\_HA4340-LM1  
KME40\_28570\_Komarekiella\_atlantica\_HA4396-MV6  
Npun\_R4276\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
KME50\_09145\_Nostoc\_desertorum\_CM1-VF14  
KME55\_10115\_Nostoc\_indistinguendum\_CM1-VF10  
KME23\_16880\_Goleter\_apudmare\_HA4340-LM2  
Cal7507\_5305\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507  
KME52\_19605\_Desmonostoc\_geniculatum\_HA4340-LM1  
KME21\_10550\_Desmonostoc\_vinosum\_HA7617-LM4  
Anacy\_4917\_Anabaena\_cylindrica\_PCC\_7122  
Aazo\_2209\_Nostoc\_azollae\_0708  
ANA\_C10928\_Anabaena\_sp.\_90\_90  
AA650\_13155\_Anabaena\_sp.\_WA102\_WA102  
KME59\_03345\_Trichormus\_sp.\_ATA11-4-KO1  
Nos7107\_2667\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107  
Nos7524\_2526\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524  
NPCC7120\_4006  
Ava\_1693\_Trichormus\_variabilis\_ATCC\_29413  
KME02\_00980\_Aphanothece\_saxicola\_GSE-SYN-MK-01-06B  
KME09\_06195\_Pleurocapsa\_minor\_HA4230-MV1  
KME06\_05555  
KME11\_13240  
KME27\_04685  
KME42\_05345  
KME15\_15440  
KME25\_21865\_Symplocastrum\_torsivum\_CPER-KK1  
KME12\_21550  
Cyan7822\_0629\_Gloeotheca\_verrucosa\_PCC\_7822  
cce\_3819\_Crocospaera\_subtropica\_ATCC\_51142  
Cyan7822\_0628\_Gloeotheca\_verrucosa\_PCC\_7822  
KME18\_16540\_Oscillatoria\_tanganyikae\_FI6-MK23  
KME10\_19785\_Plectolyngbya\_sp.\_WJT66-NPBG17  
KME15\_05670\_Drouetiella\_hepatica\_UHER\_2000\_2452  
KME21\_15355\_Desmonostoc\_vinosum\_HA7617-LM4  
KME33\_13375\_Aetokthonos\_hydrillicola\_B3-Florida  
KME60\_03000\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C  
KME47\_07855\_Nodosilinea\_sp.\_WJT8-NPBG4  
KME14\_09640\_Tildeniella\_torsiva\_UHER\_1998\_13D  
CYB\_2914\_Synechococcus\_sp.\_JA-2-3Ba2-13\_JA-2-3Ba2-13  
Syn6312\_3379\_Synechococcus\_sp.\_PCC\_6312\_PCC\_6312  
Cyan7425\_0284\_Cyanothece\_sp.\_PCC\_7425\_PCC\_7425  
KME20\_06010\_Kaiparowitsia\_implicata\_GSE-PSE-MK54-09C  
Synpcc7942\_1713\_Synechococcus\_elongatus\_=\_FACHB-805\_PCC\_7942  
M744\_07925\_Synechococcus\_sp.\_UTEX\_2973\_UTEX\_2973  
syc2378\_c\_Synechococcus\_elongatus\_PCC\_6301  
Dacsa\_3565\_Dactylococcopsis\_salina\_PCC\_8305  
Cyan7822\_4815\_Gloeotheca\_verrucosa\_PCC\_7822  
KME46\_03690  
KME31\_08175\_Tolypothrix\_carrinoi\_HA7290-LM1  
AA650\_11340\_Anabaena\_sp.\_WA102\_WA102  
KME06\_17480\_Kastovskya\_adunca\_ATA6-11-RM4  
KME29\_04475\_Calothrix\_sp.\_FI2-JRJ7  
Cal6303\_2222\_Calothrix\_sp.\_PCC\_6303  
KME64\_35160\_Scytonematopsis\_contorta\_HA4267-MV1  
KME25\_24985  
KME64\_13710\_Scytonematopsis\_contorta\_HA4267-MV1  
KME25\_10070\_Symplocastrum\_torsivum\_CPER-KK1