

J00\_00190\_Calothrix\_sp.\_336\_3\_336\_3  
Cal6303\_3007\_Calothrix\_sp.\_PCC\_6303  
Riv7116\_4004\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
KME60\_32170\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C  
KME33\_27380\_Aetokthonos\_hydrillicola\_B3-Florida  
KME28\_26390\_Pelatocladus\_maninholoensis\_HA4357-MV3  
KME46\_25415\_Brasilonema\_angustatum\_HA4187-MV1  
KME57\_05270\_Scytonema\_hyalinum\_WJT4-NPBG1  
KME59\_22760\_Trichormus\_sp.\_ATA11-4-KO1  
Nos7524\_1435\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524  
Nos7107\_1495\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107  
Ava\_2672\_Trichormus\_variabilis\_ATCC\_29413  
KME32\_29160\_Mojavia\_pulchra\_JT2-VF2  
KME21\_12850\_Desmonostoc\_vinosum\_HA7617-LM4  
Cal7507\_0401\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507  
KME23\_09780\_Goleter\_apudmare\_HA4340-LM2  
KME40\_32190\_Komarekiella\_atlantica\_HA4396-MV6  
KME38\_04025\_Spirirestis\_raphaelsensis\_WJT71-NPBG6  
KME31\_37615\_Tolypothrix\_carrinoid\_HA7290-LM1  
KME64\_22155\_Scytonematopsis\_contorta\_HA4267-MV1  
KME29\_27045\_Calothrix\_sp.\_F12-JR7  
KME25\_08095\_Symplocastrum\_torsivum\_CPER-KK1  
Mic7113\_1703\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113  
KME17\_14440\_Cyanosarcina\_radialis\_HA281-LM2  
Ple7327\_2809\_Pleurocapsa\_sp.\_PCC\_7327  
cce\_2396\_Crocospaera\_subtropica\_ATCC\_51142  
PCC8801\_3602\_Rippkaea\_orientalis\_PCC\_8801  
Cyan8802\_2512\_Rippkaea\_orientalis\_PCC\_8802  
PCC7424\_3632\_Gloeotheca\_citriformis\_PCC\_7424  
Cyan7822\_0323\_Gloeotheca\_verrucosa\_PCC\_7822  
Dacsa\_0073\_Dactylococcopsis\_salina\_PCC\_8305  
PCC7418\_1986\_Halothece\_sp.\_PCC\_7418\_PCC\_7418  
KME20\_02535\_Kaiparowitsia\_implicata\_GSE-PSE-MK54-09C  
KME07\_16450\_Pegethrix\_bostrychoideis\_GSE-TBD4-15B  
GEI7407\_3636\_Geitelnerima\_sp.\_PCC\_7407\_PCC\_7407  
KME18\_10655\_Oscillatoria\_tanganyikae\_F16-MK23  
KME10\_09810\_Plectolyngbya\_sp.\_WJT66-NPBG17  
KME42\_00745\_Tildenella\_nuda\_ZEHNDER\_1965\_U140  
KME27\_08415\_Lyngbya\_sp.\_HA4199-MV5  
KME45\_25375\_Stenomitos\_rutilans\_HA7619-LM2  
KME12\_21455\_Trichocoleus\_desertorum\_ATA4-8-CV12  
GKIL\_0926\_Gloeobacter\_kilaueensis\_JS1  
Oscil6304\_3519\_Oscillatoria\_acuminata\_PCC\_6304  
KME19\_14115\_Microcoleus\_vaginatius\_WJT46-NPBG5  
Tery\_3278\_Trichodesmium\_erythraeum\_IMS101  
Osc7112\_5953\_Oscillatoria\_nigro-viridis\_PCC\_7112  
KME47\_17955\_Nodosilinea\_sp.\_WJT8-NPBG4  
KME26\_19315\_Oscillatoria\_princeps\_RMCB-10  
Oscil6304\_3244\_Oscillatoria\_acuminata\_PCC\_6304  
KME09\_21900\_Pleurocapsa\_minor\_HA4230-MV1  
Sta7437\_0508\_Stanieria\_cyanosphaera\_PCC\_7437  
Tery\_4976\_Trichodesmium\_erythraeum\_IMS101  
Nos7524\_3137\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524  
Ava\_0871\_Trichormus\_variabilis\_ATCC\_29413  
KME64\_03010\_Scytonematopsis\_contorta\_HA4267-MV1  
KME40\_17970\_Komarekiella\_atlantica\_HA4396-MV6  
KME32\_04030\_Mojavia\_pulchra\_JT2-VF2  
KME52\_09655\_Desmonostoc\_geniculatum\_HA4340-LM1  
Npun\_R2646\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
KME50\_24090\_Nostoc\_desertorum\_CM1-VF14  
KME55\_22520\_Nostoc\_indistinguendum\_CM1-VF10  
KME33\_26885\_Aetokthonos\_hydrillicola\_B3-Florida  
KME25\_09715\_Symplocastrum\_torsivum\_CPER-KK1  
KME57\_03570\_Scytonema\_hyalinum\_WJT4-NPBG1  
KME30\_25745\_Iphinoe\_sp.\_HA4291-MV1  
KME46\_25245\_Brasilonema\_angustatum\_HA4187-MV1  
KME49\_25835\_Brasilonema\_octagenarum\_HA4186-MV1  
KME29\_02355\_Calothrix\_sp.\_F12-JR7  
Osc7112\_2358\_Oscillatoria\_nigro-viridis\_PCC\_7112  
Chro\_1601\_Chroococcidiopsis\_thermalis\_PCC\_7203  
Glo7428\_4764\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428  
Riv7116\_0872\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
KME18\_20240\_Oscillatoria\_tanganyikae\_F16-MK23  
KME10\_21630\_Plectolyngbya\_sp.\_WJT66-NPBG17  
AM1\_1063\_Acaryochloris\_marina\_MBIC11017  
GEI7407\_2029\_Geitelnerima\_sp.\_PCC\_7407\_PCC\_7407  
Cyan8802\_4578\_Rippkaea\_orientalis\_PCC\_8802  
cce\_4342\_Crocospaera\_subtropica\_ATCC\_51142  
PCC7424\_1841\_Gloeotheca\_citriformis\_PCC\_7424  
Cyan7822\_4542\_Gloeotheca\_verrucosa\_PCC\_7822  
Cri9333\_2643\_Crinalium\_epipsammum\_PCC\_9333  
KME22\_12520\_Hassallia\_sp.\_WJT32-NPBG1  
KME38\_23455\_Spirirestis\_raphaelsensis\_WJT71-NPBG6  
ANA\_C12915\_Anabaena\_sp.\_90\_90  
Anacy\_5710\_Anabaena\_cylindrica\_PCC\_7122  
AA650\_07920\_Anabaena\_sp.\_WA102\_WA102  
KME15\_25630\_Drouetiella\_hepatica\_UHER\_2000\_2452  
Lepto7376\_1135\_Leptolyngbya\_sp.\_PCC\_7376\_  
SYNPCC7002\_A1768\_Synechococcus\_sp.\_PCC\_7002\_PCC\_7002\_ATCC\_27264  
KME35\_12315\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L  
Dacsa\_3262\_Dactylococcopsis\_salina\_PCC\_8305  
PCC7418\_1484\_Halothece\_sp.\_PCC\_7418\_PCC\_7418  
KME02\_14550\_Aphanothece\_saxicola\_GSE-SYN-MK-01-06B  
Cyagr\_0099\_Cyanobium\_gracile\_PCC\_6307  
PMN2A\_0489\_Prochlorococcus\_marinus\_str.\_NATL2A  
NATL1\_12111\_Prochlorococcus\_marinus\_str.\_NATL1A  
EW15\_1212\_Prochlorococcus\_sp.\_MIT\_0801\_MIT\_0801  
PMT9312\_0345\_Prochlorococcus\_marinus\_str.\_MIT\_9312  
P9301\_03701\_Prochlorococcus\_marinus\_str.\_MIT\_9301  
A9601\_03711\_Prochlorococcus\_marinus\_str.\_AS9601  
EW14\_0390\_Prochlorococcus\_sp.\_MIT\_0604\_MIT\_0604  
P9215\_03701\_Prochlorococcus\_marinus\_str.\_MIT\_9215  
P9515\_03741\_Prochlorococcus\_marinus\_str.\_MIT\_9515  
PMM0339\_Prochlorococcus\_marinus\_subsp.\_pastoris\_str.\_CCMP1986\_MED4  
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KR100\_06025\_Synechococcus\_sp.\_KORDI-100\_KORDI-100  
SynWH8103\_00868\_Synechococcus\_sp.\_WH\_8103\_WH\_8103  
Syncc9902\_0761\_Synechococcus\_sp.\_CC9902\_CC9902  
Syncc9605\_1898\_Synechococcus\_sp.\_CC9605\_CC9605  
Syncc8109\_1998\_Synechococcus\_sp.\_WH\_8109\_WH\_8109  
KME04\_08850\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R  
KME26\_29220\_Oscillatoria\_princeps\_RMCB-10  
KME25\_23140\_Symplocastrum\_torsivum\_CPER-KK1  
KME25\_21610\_Symplocastrum\_torsivum\_CPER-KK1  
Mic7113\_2668\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113  
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KME64\_16920\_Scytonematopsis\_contorta\_HA4267-MV1  
KME29\_05900\_Calothrix\_sp.\_F12-JR7  
KME04\_20310\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R  
KME03\_12990\_Aphanocapsa\_lilacina\_HA4352-LM1  
GKIL\_1835\_Gloeobacter\_kilaueensis\_JS1  
Glo7428\_1997\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428  
KME47\_00365\_Nodosilinea\_sp.\_WJT8-NPBG4  
KME14\_10540\_Tildenella\_torsiva\_UHER\_1998\_13D  
Riv7116\_5642\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
KME06\_11315\_Kastovskya\_adunca\_ATA6-11-RM4  
KME50\_10370\_Nostoc\_desertorum\_CM1-VF14  
KME55\_18625\_Nostoc\_indistinguendum\_CM1-VF10  
KME04\_04530\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R  
KME25\_15850\_Symplocastrum\_torsivum\_CPER-KK1  
Cri9333\_3265\_Crinalium\_epipsammum\_PCC\_9333  
KME04\_04325\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R  
CYB\_0017\_Synechococcus\_sp.\_JA-2-3Ba2-13\_JA-2-3Ba2-13  
KME33\_09280\_Aetokthonos\_hydrillicola\_B3-Florida  
Chro\_1701\_Chroococcidiopsis\_thermalis\_PCC\_7203  
D082\_25630\_Synechocystis\_sp.\_PCC\_6714\_PCC\_6714  
\_SYNECHOCYSTIS\_sp.\_PCC\_6803\_PCC\_6803  
SYNPCCP\_2597\_Synechocystis\_sp.\_PCC\_6803\_substr.\_PCC-P  
SYNPCCN\_2597\_Synechocystis\_sp.\_PCC\_6803\_substr.\_PCC-N  
SYNGTI\_2598\_Synechocystis\_sp.\_PCC\_6803\_substr.\_GT-I  
AOY38\_13490\_Synechocystis\_sp.\_PCC\_6803\_PCC\_6803\_substr.\_GT-G  
SYNGTS\_2599\_Synechocystis\_sp.\_PCC\_6803\_PCC\_6803\_substr.\_GT-S  
PCC7424\_3650\_Gloeotheca\_citriformis\_PCC\_7424  
Cyan7822\_3544\_Gloeotheca\_verrucosa\_PCC\_7822  
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KME35\_13520\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L  
Cyan7425\_0416\_Halothece\_sp.\_PCC\_7425\_PCC\_7425  
KME18\_22110\_Oscillatoria\_tanganyikae\_F16-MK23  
KME10\_21255\_Plectolyngbya\_sp.\_WJT66-NPBG17  
KME16\_13410\_Scytolyngbya\_sp.\_HA4215-MV1  
KME13\_08175\_Myxocorys\_californica\_WJT36-NPBG1  
KME43\_14130\_Myxocorys\_chilensis\_ATA2-1-KO14  
KME45\_11035\_Stenomitos\_rutilans\_HA7619-LM2  
KME27\_28410\_Lyngbya\_sp.\_HA4199-MV5  
KME42\_08760\_Tildenella\_nuda\_ZEHNDER\_1965\_U140  
KME12\_01220\_Trichocoleus\_desertorum\_ATA4-8-CV12  
Osc7112\_0265\_Oscillatoria\_nigro-viridis\_PCC\_7112  
KME08\_10675\_Aphanothece\_sp.\_CMT-3BRIN-NPC111  
KME19\_06620\_Microcoleus\_vaginatius\_WJT46-NPBG5  
KME33\_07310\_Aetokthonos\_hydrillicola\_B3-Florida  
KME30\_24305\_Iphinoe\_sp.\_HA4291-MV1  
KME46\_16490\_Brasilonema\_angustatum\_HA4187-MV1  
KME49\_01425\_Brasilonema\_octagenarum\_HA4186-MV1  
KME28\_21005\_Pelatocladus\_maninholoensis\_HA4357-MV3  
KME57\_29850\_Scytonema\_hyalinum\_WJT4-NPBG1  
KME60\_06055\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C  
KME22\_27870\_Hassallia\_sp.\_WJT32-NPBG1  
KME38\_12370\_Spirirestis\_raphaelsensis\_WJT71-NPBG6  
KME31\_22325\_Tolypothrix\_carrinoid\_HA7290-LM1  
KME54\_20605\_Tolypothrix\_brevis\_GSE-NOS-MK-07-07A  
KME59\_17400\_Trichormus\_sp.\_ATA11-4-KO1  
ANA\_C11848\_Anabaena\_sp.\_90\_90  
AA650\_08520\_Anabaena\_sp.\_WA102\_WA102  
Anacy\_1693\_Anabaena\_cylindrica\_PCC\_7122  
Aazo\_5057\_Nostoc\_azollae\_0708  
Cal6303\_3059\_Calothrix\_sp.\_PCC\_6303  
KME29\_32910\_Calothrix\_sp.\_F12-JR7  
KME64\_35120\_Scytonematopsis\_contorta\_HA4267-MV1  
IJ00\_25060\_Calothrix\_sp.\_336\_3\_336\_3  
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Nos7524\_2873\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524  
Nos7107\_2730\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107  
Ava\_1581\_Trichormus\_variabilis\_ATCC\_29413  
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KME21\_05580\_Desmonostoc\_vinosum\_HA7617-LM4  
KME40\_05560\_Komarekiella\_atlantica\_HA4396-MV6  
KME52\_15750\_Desmonostoc\_geniculatum\_HA4340-LM1  
Npun\_F3425\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
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KME55\_08545\_Nostoc\_indistinguendum\_CM1-VF10  
Chro\_5475\_Chroococcidiopsis\_thermalis\_PCC\_7203  
Riv7116\_2136\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
Glo107\_03535\_Chroococcus\_sp.\_CMT-3BRIN-NPC107  
Glo7428\_4027\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428  
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KME35\_05370\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L  
KME15\_09040\_Drouetiella\_hepatica\_UHER\_2000\_2452  
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KME17\_17155\_Cyanosarcina\_radialis\_HA281-LM2  
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Oscil6304\_3217\_Oscillatoria\_acuminata\_PCC\_6304  
Cri9333\_2147\_Crinalium\_epipsammum\_PCC\_9333  
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KME59\_06165\_Trichormus\_sp.\_ATA11-4-KO1  
Chro\_5197\_Chroococcidiopsis\_thermalis\_PCC\_7203  
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KME55\_06380\_Nostoc\_indistinguendum\_CM1-VF10  
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KME38\_16635\_Spirirestis\_raphaelsensis\_WJT71-NPBG6  
KME47\_02960\_Nodosilinea\_sp.\_WJT8-NPBG4  
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Osc7112\_1067\_Oscillatoria\_nigro-viridis\_PCC\_7112  
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Chro\_5111\_Chroococcidiopsis\_thermalis\_PCC\_7203  
KME28\_07590\_Pelatocladus\_maninholoensis\_HA4357-MV3  
KME22\_20880\_Hassallia\_sp.\_WJT32-NPBG1  
KME38\_15555\_Spirirestis\_raphaelsensis\_WJT71-NPBG6  
Ava\_2342\_Trichormus\_variabilis\_ATCC\_29413  
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Aazo\_1027\_Nostoc\_azollae\_0708  
PMT\_1558\_Prochlorococcus\_marinus\_str.\_MIT\_9313\_MIT9313  
PMT\_1051\_Prochlorococcus\_marinus\_str.\_MIT\_9313\_MIT9313  
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KR100\_07270\_Synechococcus\_sp.\_KORDI-100\_KORDI-100  
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Syncc9902\_1423\_Synechococcus\_sp.\_CC9902\_CC9902  
Syncc9605\_1681\_Synechococcus\_sp.\_CC9605\_CC9605  
Syncc8109\_0960\_Synechococcus\_sp.\_WH\_8109\_WH\_8109  
KR52\_07875\_Synechococcus\_sp.\_KORDI-52\_KORDI-52  
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Cyagr\_0893\_Cyanobium\_gracile\_PCC\_6307  
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PMT\_0584\_Prochlorococcus\_marinus\_subsp.\_marinus\_str.\_CCMP1375\_CCMP1375\_SS120  
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PMM1115\_Prochlorococcus\_marinus\_subsp.\_pastoris\_str.\_CCMP1986\_MED4  
EW15\_1528\_Prochlorococcus\_sp.\_MIT\_0801\_MIT\_0801  
NATL1\_14681\_Prochlorococcus\_marinus\_str.\_NATL1A  
PMN2A\_0636\_Prochlorococcus\_marinus\_str.\_NATL2A  
Pse7367\_3320\_Pseudanabaena\_sp.\_PCC\_7367\_PCC\_7367  
Syn7502\_00378\_Synechococcus\_sp.\_PCC\_7502\_PCC\_7502  
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CYB\_1298\_Synechococcus\_sp.\_JA-2-3Ba2-13\_JA-2-3Ba2-13  
CYA\_1857\_Synechococcus\_sp.\_JA-3-3Ab\_JA-3-3Ab  
Cyan7425\_2330\_Cyanothece\_sp.\_PCC\_7425\_PCC\_7425  
sync0304\_c\_Synechococcus\_elongatus\_PCC\_6301  
Synpcc7942\_1246\_Synechococcus\_elongatus\_=FACHB-805\_PCC\_7942  
GT4\_14045\_Synechococcus\_sp.\_UTEX\_2973\_UTEX\_2973  
SYNGTS\_2835\_Synechocystis\_sp.\_PCC\_6803\_GT-S  
AOY38\_14670\_Synechocystis\_sp.\_PCC\_6803\_PCC\_6803\_substr.\_GT-G  
SYNGTI\_2834\_Synechocystis\_sp.\_PCC\_6803\_substr.\_GT-I  
SYNPCCN\_2833\_Synechocystis\_sp.\_PCC\_6803\_substr.\_PCC-N  
SYNPCCP\_2833\_Synechocystis\_sp.\_PCC\_6803\_substr.\_PCC-P  
D082\_19610\_Synechocystis\_sp.\_PCC\_6714\_PCC\_6714  
GEI7407\_2988\_Geitelnerima\_sp.\_PCC\_7407\_PCC\_7407  
KME20\_20400\_Kaiparowitsia\_implicata\_GSE-PSE-MK54-09C  
KME07\_10610\_Pegethrix\_bostrychoideis\_GSE-TBD4-15B  
KME15\_07125\_Drouetiella\_hepatica\_UHER\_2000\_2452  
KME18\_14240\_Oscillatoria\_tanganyikae\_F16-MK23  
KME10\_20935\_Plectolyngbya\_sp.\_WJT66-NPBG17  
KME13\_19345\_Myxocorys\_californica\_WJT36-NPBG1  
KME43\_22410\_Myxocorys\_chilensis\_ATA2-1-KO14  
Dacsa\_1002\_Dactylococcopsis\_salina\_PCC\_8305  
PCC7418\_3748\_Halothece\_sp.\_PCC\_7418\_PCC\_7418  
KME09\_04205\_Pleurocapsa\_minor\_HA4230-MV1  
Sta7437\_2143\_Stanieria\_cyanosphaera\_PCC\_7437  
Ple7327\_2552\_Pleurocapsa\_sp.\_PCC\_7327  
PCC7424\_2254\_Gloeotheca\_citriformis\_PCC\_7424  
Cyan7822\_2172\_Gloeotheca\_verrucosa\_PCC\_7822  
cce\_1534\_Crocospaera\_subtropica\_ATCC\_51142  
ETSB\_1929\_Cyanobacterium\_endosymbiotic\_of\_Epithemia\_turgida\_isolate\_ETSB\_Lake\_Yunoko\_ETSB\_Lake\_Yunoko  
PCC8801\_1308\_Rippkaea\_orientalis\_PCC\_8801  
Cyan8802\_1336\_Rippkaea\_orientalis\_PCC\_8802  
Cri9333\_4690\_Crinalium\_epipsammum\_PCC\_9333  
KME08\_05655\_Aphanothece\_sp.\_CMT-3BRIN-NPC111  
Mic7113\_5497\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113  
KME25\_00045\_Symplocastrum\_torsivum\_CPER-KK1  
Osc7112\_5205\_Oscillatoria\_nigro-viridis\_PCC\_7112  
KME19\_23485\_Microcoleus\_vaginatius\_WJT46-NPBG5  
KME26\_31900\_Oscillatoria\_princeps\_RMCB-10  
Oscil6304\_3606\_Oscillatoria\_acuminata\_PCC\_6304  
KME32\_19070\_Mojavia\_pulchra\_JT2-VF2  
Cal7507\_1591\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507  
KME59\_04255\_Trichormus\_sp.\_ATA11-4-KO1  
KME21\_03770\_Desmonostoc\_vinosum\_HA7617-LM4  
KME42\_16020\_Komarekiella\_atlantica\_HA4396-MV6  
KME52\_06180\_Desmonostoc\_geniculatum\_HA4340-LM1  
Npun\_R4225\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
KME50\_09360\_Nostoc\_desertorum\_CM1-VF14  
KME55\_10225\_Nostoc\_indistinguendum\_CM1-VF10  
Ava\_3112\_Trichormus\_variabilis\_ATCC\_29413  
Nos7524\_5176\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524  
Nos7107\_0037\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107  
KME22\_05230\_Hassallia\_sp.\_WJT32-NPBG1  
KME38\_28160\_Spirirestis\_raphaelsensis\_WJT71-NPBG6  
KME54\_15555\_Tolypothrix\_brevis\_GSE-NOS-MK-07-07A  
KME31\_26195\_Tolypothrix\_carrinoid\_HA7290-LM1  
KME33\_24665\_Aetokthonos\_hydrillicola\_B3-Florida  
KME57\_14895\_Scytonema\_hyalinum\_WJT4-NPBG1  
KME46\_31170\_Brasilonema\_angustatum\_HA4187-MV1  
KME49\_01590\_Brasilonema\_octagenarum\_HA4186-MV1  
KME60\_01450\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C  
KME64\_44900\_Scytonematopsis\_contorta\_HA4267-MV1  
Anacy\_1840\_Anabaena\_cylindrica\_PCC\_7122  
ANA\_C12463\_Anabaena\_sp.\_90\_90  
AA650\_14375\_Anabaena\_sp.\_WA102\_WA102  
KME29\_38495\_Calothrix\_sp.\_F12-JR7  
Cal6303\_5005\_Calothrix\_sp.\_PCC\_6303  
Riv7116\_3610\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
IJ00\_18455\_Calothrix\_sp.\_336\_3\_336\_3  
KME28\_05490\_Pelatocladus\_maninholoensis\_HA4357-MV3  
Tery\_2192\_Trichodesmium\_erythraeum\_IMS101  
Cyan10605\_1127\_Cyanobacterium\_aponinum\_PCC\_10605  
Lepto7376\_0524\_Leptolyngbya\_sp.\_PCC\_7376\_  
SYNPCC7002\_A1892\_Synechococcus\_sp.\_PCC\_6312\_PCC\_6312  
KME01\_00840\_Chroococcus\_sp.\_CMT-3BRIN-NPC107  
KME17\_16420\_Cyanosarcina\_radialis\_HA281-LM2  
KME05\_19070\_Gloeocapsa\_sp.\_UFS-A4-WI-NPMV-4B04  
Chro\_4528\_Chroococcidiopsis\_thermalis\_PCC\_7203  
KME11\_08225\_Timaviella\_obliquedivisa\_GSE-PSE-MK23-08B  
KME06\_10375\_Kastovskya\_adunca\_ATA6-11-RM4  
MAE\_12360\_Microcystis\_aeruginosa\_NIES-843  
KME12\_00855\_Trichocoleus\_desertorum\_ATA4-8-CV12  
KME42\_04825\_Tildenella\_nuda\_ZEHNDER\_1965\_U140  
KME27\_19605\_Lyngbya\_sp.\_HA4199-MV5  
KME45\_15975\_Stenomitos\_rutilans\_HA7619-LM2  
KME16\_18620\_Scytolyngbya\_sp.\_HA4215-MV1  
Glo7428\_2066\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428