

KME04\_08850\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R  
KME26\_29220\_Oscillatoria\_princeps\_RMCCB-10  
KME25\_23140\_Symplocastrum\_torsivum\_CPER-KK1  
KME25\_21610\_Symplocastrum\_torsivum\_CPER-KK1  
Mic7113\_2668\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113  
KME12\_27090\_Trichocoleus\_desertorum\_ATA4-8-CV12  
KME12\_26375\_Trichocoleus\_desertorum\_ATA4-8-CV12  
KME64\_16920\_Scytonematopsis\_contorta\_HA4267-MV1  
KME09\_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\_CMT-VF14  
KME55\_18625\_Nostoc\_indistingendum\_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\_Chroococciopsis\_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  
SYNGT1\_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\_GT-S  
PCC7424\_3650\_Gloeotheca\_citriformis\_PCC\_7424  
Cyan7822\_3544\_Gloeotheca\_verrucosa\_PCC\_7822  
Ple7327\_2270\_Pleurocapsa\_sp.\_PCC\_7327  
KME35\_13520\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L  
Cyan7425\_0416\_Cyanotheca\_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\_Myxacorys\_californica\_WJT36-NPBG1  
KME43\_14130\_Myxacorys\_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\_Oscillatoria\_tanganyikae\_F16-MK23  
Osc7112\_0265\_Oscillatoria\_nigro-viridis\_PCC\_7112  
KME08\_10675\_Aphanotheca\_sp.\_CMT-3BRIN-NPC111  
KME19\_06620\_Microcoleus\_vaginatus\_WJT46-NPBG5  
KME33\_07310\_Aetokthonos\_hydrillicola\_B3-Florida  
KME30\_24305\_Lphinoe\_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\_carrinoides\_WJT4290-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  
Aazo\_5057\_Nostoc\_azollae\_0708  
Cai6303\_3059\_Calothrix\_sp.\_PCC\_6303  
KME29\_32910\_Calothrix\_sp.\_F12-JR7  
KME64\_35120\_Scytonematopsis\_contorta\_HA4267-MV1  
U00\_25060\_Calothrix\_sp.\_336\_3\_336\_3  
KME32\_29230\_Mojavia\_pulchra\_JT2-VF2  
Nos7524\_2873\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524  
Nos7107\_2730\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107  
Ava\_1581\_Trichormus\_variabilis\_ATCC\_29413  
KME23\_01465\_Goleter\_apudmare\_HA4340-LM2  
Cai7507\_3767\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507  
KME21\_05580\_Desmonostoc\_vinosum\_HA7617-LM4  
KME40\_05560\_Komarekiella\_atlantica\_HA4396-MV6  
KME52\_15755\_Desmonostoc\_geniculatum\_HA4340-LM1  
Npun\_F1745\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
KME50\_18165\_Nostoc\_desertorum\_CM1-VF14  
KME55\_08545\_Nostoc\_indistingendum\_CM1-VF10  
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Riv7116\_2136\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
KME01\_03535\_Chroococcus\_sp.\_CMT-3BRIN-NPC107  
Glo7428\_4027\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428  
KME11\_19855\_Timaviella\_obliquedivisa\_GSE-PSE-MK23-08B  
KME35\_05370\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L  
KME15\_09040\_Drouetiella\_hepatica\_UHER\_2000\_2452  
KME07\_02595\_Pegethrix\_bostrychoides\_GSE-TBD4-15B  
KME17\_17155\_Cyanosarcina\_radialis\_HA8281-LM2  
Cce\_4278\_Crocospaera\_subtropica\_ATCC\_51142  
GEI7407\_1398\_Geittlerinema\_sp.\_PCC\_7407\_PCC\_7407  
KME03\_01255\_Aphanocapsa\_lilacina\_HA4352-LM1  
GKIL\_1997\_Gloeobacter\_kilaueensis\_JS1  
Oscil6304\_3217\_Oscillatoria\_acuminata\_PCC\_6304  
Cri9333\_2147\_Crinalium\_epipsammum\_PCC\_9333  
KME01\_03540\_Chroococcus\_sp.\_CMT-3BRIN-NPC107  
KME59\_06165\_Trichormus\_sp.\_ATA11-4-KO1  
Chro\_5197\_Chroococciopsis\_thermalis\_PCC\_7203  
KME50\_10825\_Nostoc\_desertorum\_CM1-VF14  
Npun\_F0229\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
KME57\_29830\_Scytonema\_hyalinum\_WJT4-NPBG1  
KME38\_12390\_Spirirestis\_raphaelsensis\_WJT71-NPBG6  
KME31\_16435\_Tolypothrix\_carrinoides\_HA7290-LM1  
KME29\_32895\_Calothrix\_sp.\_F12-JR7  
Glo7428\_3000\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428  
KME13\_04075\_Myxacorys\_californica\_WJT36-NPBG1  
KME43\_05185\_Myxacorys\_chilensis\_ATA2-1-KO14  
KME18\_11390\_Oscillatoria\_tanganyikae\_F16-MK23  
KME10\_12865\_Plectolyngbya\_sp.\_WJT66-NPBG1  
Cyan7425\_1736\_Cyanotheca\_sp.\_PCC\_7425\_PCC\_7425  
KME47\_20115\_Nodosilinea\_sp.\_WJT8-NPBG4  
KME06\_18615\_Kastovskya\_adunca\_ATA6-11-RM4  
KME09\_24715\_Pleurocapsa\_minor\_HA4230-MV1  
Sta7437\_3379\_Staniaeria\_cyanosphaera\_PCC\_7437  
KME25\_14690\_Symplocastrum\_torsivum\_CPER-KK1  
KME7113\_2983\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113  
PCC7424\_0735\_Gloeotheca\_citriformis\_PCC\_7424  
Cyan7822\_0703\_Gloeotheca\_verrucosa\_PCC\_7822  
KME47\_06070\_Nodosilinea\_sp.\_WJT8-NPBG4  
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KME09\_17355\_Pleurocapsa\_minor\_HA4230-MV1  
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MAE\_59060\_Microcystis\_aeruginosa\_NIES-843  
Tery\_4574\_Trichodesmium\_erythraeum\_IMS101  
KME29\_00800\_Calothrix\_sp.\_F12-JR7  
KME22\_04440\_Hassallia\_sp.\_WJT32-NPBG1  
KME38\_16635\_Spirirestis\_raphaelsensis\_WJT71-NPBG6  
KME47\_02960\_Nodosilinea\_sp.\_WJT8-NPBG4  
KME14\_25360\_Tildenella\_torsiva\_UHER\_1998\_13D  
KME60\_08080\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C  
KME64\_07985\_Scytonematopsis\_contorta\_HA4267-MV1  
KME03\_02455\_Aphanocapsa\_lilacina\_HA4352-LM1  
PCC8801\_0425\_Rippkaea\_orientalis\_PCC\_8801  
Cyan8802\_0436\_Rippkaea\_orientalis\_PCC\_8802  
KME60\_03930\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C  
KME40\_23760\_Komarekiella\_atlantica\_HA4396-MV6  
Npun\_R6433\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
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Ava\_2032\_Trichormus\_variabilis\_ATCC\_29413  
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Ple7327\_2608\_Pleurocapsa\_sp.\_PCC\_7327  
Chro\_1258\_Chroococciopsis\_thermalis\_PCC\_7203  
Glo7428\_4859\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428  
Cyan7425\_1174\_Cyanotheca\_sp.\_PCC\_7425\_PCC\_7425  
AM1\_6095\_Acaryochloris\_marina\_MBC11017  
Ple7327\_0865\_Pleurocapsa\_sp.\_PCC\_7327  
Tery\_3278\_Trichodesmium\_erythraeum\_IMS101  
Osc7112\_5953\_Oscillatoria\_nigro-viridis\_PCC\_7112  
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Mic7113\_1703\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113  
KME17\_14440\_Cyanosarcina\_radialis\_HA8281-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  
U00\_00190\_Calothrix\_sp.\_336\_3\_336\_3  
Cai6303\_3007\_Calothrix\_sp.\_PCC\_6303  
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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  
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Cai7507\_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\_27615\_Tolypothrix\_carrinoides\_HA7290-LM1  
KME64\_22155\_Scytonematopsis\_contorta\_HA4267-MV1  
KME29\_27045\_Calothrix\_sp.\_F12-JR7  
Chro\_0671\_Chroococciopsis\_thermalis\_PCC\_7203  
Glo7428\_2066\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428  
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Cce\_4342\_Crocospaera\_subtropica\_ATCC\_51142  
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KME27\_08415\_Lyngbya\_sp.\_HA4199-MV5  
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KME12\_21455\_Trichocoleus\_desertorum\_ATA4-8-CV12  
GKIL\_0926\_Gloeobacter\_kilaueensis\_JS1  
Oscil6304\_3519\_Oscillatoria\_acuminata\_PCC\_6304  
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KME47\_17955\_Nodosilinea\_sp.\_WJT8-NPBG4  
KME26\_19315\_Oscillatoria\_princeps\_RMCCB-10  
Oscil6304\_3244\_Oscillatoria\_acuminata\_PCC\_6304  
KME09\_21900\_Pleurocapsa\_minor\_HA4230-MV1  
Sta7437\_0508\_Staniaeria\_cyanosphaera\_PCC\_7437  
Tery\_4976\_Trichodesmium\_erythraeum\_IMS101  
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KME30\_25745\_Lphinoe\_sp.\_HA4291-MV1  
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KME29\_02355\_Calothrix\_sp.\_F12-JR7  
Osc7112\_2358\_Oscillatoria\_nigro-viridis\_PCC\_7112  
Chro\_1601\_Chroococciopsis\_thermalis\_PCC\_7203  
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Riv7116\_0872\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
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KME10\_21630\_Plectolyngbya\_sp.\_WJT66-NPBG17  
AM1\_1063\_Acaryochloris\_marina\_MBC11017  
GEI7407\_2029\_Geittlerinema\_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  
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KME38\_23455\_Spirirestis\_raphaelsensis\_WJT71-NPBG6  
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AA650\_07920\_Anabaena\_sp.\_WA102\_WA102  
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Lpto7376\_1135\_Leptolyngbya\_sp.\_PCC\_7376  
SYNPCCP7002\_A1768\_Synechococcus\_sp.\_PCC\_7002\_PCC\_7002\_ATCC\_27264  
KME35\_12315\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L  
Dacsa\_3262\_Dactylococcopsis\_salina\_PCC\_8305  
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KME02\_14550\_Aphanotheca\_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  
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P9515\_03741\_Prochlorococcus\_marinus\_str.\_MIT\_9515  
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Syncc9605\_1898\_Synechococcus\_sp.\_CC9605\_CC9605  
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Osc7112\_1067\_Oscillatoria\_nigro-viridis\_PCC\_7112  
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Cyan10605\_1446\_Cyanobacterium\_aponinum\_PCC\_10605  
SYNGTS\_0264\_Synechocystis\_sp.\_PCC\_6803\_GT-S  
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Chro\_5111\_Chroococciopsis\_thermalis\_PCC\_7203  
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AWa\_2342\_Trichormus\_variabilis\_ATCC\_29413  
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Cai7507\_2820\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507  
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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Syncc9902\_1423\_Synechococcus\_sp.\_CC9902\_CC9902  
Syncc9605\_1681\_Synechococcus\_sp.\_CC9605\_CC9605  
Syncc8109\_1998\_Synechococcus\_sp.\_WH\_8109\_WH\_8109  
KR52\_00775\_Synechococcus\_sp.\_KORDI-52\_KORDI-52  
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Cyagr\_0893\_Cyanobium\_gracile\_PCC\_6307  
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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  
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AM1\_1491\_Acaryochloris\_marina\_MBC11017  
GYB\_1298\_Synechococcus\_sp.\_JA-2-3Ba2-13\_JA-2-3Ba2-13  
CYA\_1857\_Synechococcus\_sp.\_JA-3-3Ab\_JA-3-3Ab  
Cyan7425\_2330\_Cyanotheca\_sp.\_PCC\_7425\_PCC\_7425  
SYb0304\_c\_Synechococcus\_elongatus\_PCC\_6301  
Synpcc7942\_1246\_Synechococcus\_elongatus\_=\_FACHB-805\_PCC\_7942  
MT44\_10405\_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  
SYNGT1\_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\_Geittlerinema\_sp.\_PCC\_7407\_PCC\_7407  
KME20\_20400\_Kaiparowitsia\_implicata\_GSE-PSE-MK54-09C  
KME07\_10610\_Pegethrix\_bostrychoides\_GSE-TBD4-15B  
KME15\_07125\_Drouetiella\_hepatica\_UHER\_2000\_2452  
KME18\_10240\_Oscillatoria\_tanganyikae\_F16-MK23  
KME10\_20935\_Plectolyngbya\_sp.\_WJT66-NPBG17  
KME13\_19345\_Myxacorys\_californica\_WJT36-NPBG1  
KME43\_22410\_Myxacorys\_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\_Staniaeria\_cyanosphaera\_PCC\_7437  
Ple7327\_2552\_Pleurocapsa\_sp.\_PCC\_7327  
Cce\_1534\_Crocospaera\_subtropica\_ATCC\_51142  
ETSB\_1929\_cyanobacterium\_endosymbiont\_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\_Aphanotheca\_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\_vaginatus\_WJT46-NPBG5  
KME26\_31900\_Oscillatoria\_princeps\_RMCCB-10  
Oscil6304\_3606\_Oscillatoria\_acuminata\_PCC\_6304  
KME32\_19070\_Mojavia\_pulchra\_JT2-VF2  
Cai7507\_1591\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507  
KME23\_04615\_Goleter\_apudmare\_HA4340-LM2  
KME59\_03275\_Trichormus\_sp.\_ATA11-4-KO1  
KME21\_03750\_Desmonostoc\_vinosum\_HA7617-LM4  
KME40\_16020\_Komarekiella\_atlantica\_HA4396-MV6  
KME52\_06180\_Desmonostoc\_geniculatum\_HA4340-LM1  
Npun\_R4255\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
KME50\_09360\_Nostoc\_desertorum\_CM1-VF14  
KME55\_10225\_Nostoc\_indistingendum\_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\_carrinoides\_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  
Cai6303\_5005\_Calothrix\_sp.\_PCC\_6303  
Riv7116\_3610\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
U00\_18455\_Calothrix\_sp.\_336\_3\_336\_3  
KME28\_05490\_Pelatocladus\_maninholoensis\_HA4357-MV3  
Tery\_2192\_Trichodesmium\_erythraeum\_IMS101  
Cyan10605\_1127\_Cyanobacterium\_aponinum\_PCC\_10605  
Lpto7376\_0524\_Leptolyngbya\_sp.\_PCC\_7376  
SYNPCCP7002\_A1892\_Synechococcus\_sp.\_PCC\_6312\_PCC\_6312  
KME01\_08340\_Chroococcus\_sp.\_CMT-3BRIN-NPC107  
KME17\_16420\_Cyanosarcina\_radialis\_HA8281-LM2  
KME05\_19070\_Gloeocapsa\_sp.\_UFS-A4-WI-NPMV-4B04  
Chro\_4528\_Chroococciopsis\_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\_Microcoleus\_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