

ETSB\_0911\_cyanobacterium\_endosymbiont\_of\_Epithemia\_turgida\_isolate\_ETSB\_Lake\_Yunoko.ETSB\_Lake\_Yunoko

Nos7524\_1359\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524

KME16\_26175\_Scytolyngbya\_sp.\_HA4215-MV1

KME03\_02185\_Aphanocapsa\_illacina\_HA4352-LM1

GKIL\_3738\_Gloeobacter\_kilaueensis\_JS1

KME32\_31335\_Mojavia\_pulchra\_JT2-VF2

KME04\_12140\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R

Nos7107\_2383\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107

PCC8801\_0517\_Rippkaea\_orientalis\_PCC\_8801

Cyan8802\_0534\_Rippkaea\_orientalis\_PCC\_8802

KME23\_22365\_Goleter\_apudmare\_HA4340-LM2

Nos7524\_24632\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524

KME04\_34830\_Komarekiella\_atlantica\_HA4396-MV6

Ava\_0036\_Trichormus\_variabilis\_ATCC\_29413

syv2113\_c\_Synechococcus\_elongatus\_PCC\_6301

SYNGTS\_1826\_Synechocystis\_sp.\_PCC\_6803\_GT-S

D082\_20520\_Synechocystis\_sp.\_PCC\_6714\_PCC\_6714

AOY38\_09480\_Synechocystis\_sp.\_PCC\_6803\_PCC\_6803\_substr\_GT-G

SYNGTL\_1826\_Synechocystis\_sp.\_PCC\_6803\_substr\_GT-I

SYNPCCN\_1825\_Synechocystis\_sp.\_PCC\_6803\_substr\_PCC-N

SYNPCCP\_1825\_Synechocystis\_sp.\_PCC\_6803\_substr\_PCC-P

KME05\_03860\_Gloeocapsa\_sp.\_UFS-A4-WI-NPMV-4B04

KME01\_05465\_Chroococcus\_sp.\_CMT-3BRIN-NPC107

PCC7418\_2975\_Halothece\_sp.\_PCC\_7418\_PCC\_7418

CYB\_1060\_Synechococcus\_sp.\_JA-2-3Ba2-13\_JA-2-3Ba2-13

KR100\_14605\_Synechococcus\_sp.\_KORDI-100\_KORDI-100

P9215\_01331\_Prochlorococcus\_marinus\_str.\_MIT\_9215

PMT9312\_0118\_Prochlorococcus\_marinus\_str.\_MIT\_9312

EW15\_0204\_Prochlorococcus\_sp.\_MIT\_0801\_MIT\_0801

NATL1\_01891\_Prochlorococcus\_marinus\_str.\_NATL1A

PMN2A\_1484\_Prochlorococcus\_marinus\_str.\_NATL2A

KME47\_02960\_Nodosilinea\_sp.\_WJT8-NPBG4

KME14\_25360\_Tildenella\_torsiva\_UHER\_1998\_13D

KME06\_08080\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C

Glo7428\_1997\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428

KME04\_07985\_Scytonematopsis\_contorta\_HA4267-MV1

KME04\_08850\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R

KME12\_23045\_Microcoleus\_desertorum\_ATA4-8-CV12

KME25\_23695\_Symplocastrum\_torsivum\_CPER-KK1

KME25\_34615\_Symplocastrum\_torsivum\_CPER-KK1

Mic7113\_2668\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113

KME25\_23140\_Symplocastrum\_torsivum\_CPER-KK1

KME25\_21610\_Symplocastrum\_torsivum\_CPER-KK1

KME12\_27090\_Trichocoleus\_desertorum\_ATA4-8-CV12

KME12\_26375\_Trichocoleus\_desertorum\_ATA4-8-CV12

KME29\_05900\_Calothrix\_sp.\_F12-JR17

KME64\_16920\_Scytonematopsis\_contorta\_HA4267-MV1

KME26\_29220\_Oscillatoria\_princeps\_RMCB-10

KME04\_20310\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R

KME47\_03665\_Nodosilinea\_sp.\_WJT8-NPBG4

KME14\_10540\_Tildenella\_torsiva\_UHER\_1998\_13D

Glo7428\_1997\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428

KME03\_12990\_Aphanocapsa\_illacina\_HA4352-LM1

GKIL\_1835\_Gloeobacter\_kilaueensis\_JS1

Riv7116\_5642\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116

KME06\_11315\_Kastovskaya\_adunca\_ATA6-11-RM4

KME50\_10370\_Nostoc\_desertorum\_CM1-VF14

KME55\_18625\_Nostoc\_indistinquendum\_CM1-VF10

KME25\_15850\_Symplocastrum\_torsivum\_CPER-KK1

Cr9333\_3265\_Crinalium\_epipsammum\_PCC\_9333

CYB\_0017\_Synechococcus\_sp.\_JA-2-3Ba2-13\_JA-2-3Ba2-13

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

KME06\_18615\_Kastovskaya\_adunca\_ATA6-11-RM4

KME09\_24715\_Pleurocapsa\_minor\_HA4230-MV1

Sta7437\_3379\_Stanteria\_cyanosphaera\_PCC\_7437

KME25\_14690\_Symplocastrum\_torsivum\_CPER-KK1

Mic7113\_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

KME14\_18745\_Tildenella\_torsiva\_UHER\_1998\_13D

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

KME55\_06380\_Nostoc\_indistinquendum\_CM1-VF10

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\_carrinoi\_HA7290-LM1

KME29\_32895\_Calothrix\_sp.\_F12-JR17

Glo7428\_3000\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428

KME13\_04075\_Myxocorys\_californica\_WJT36-NPBG1

KME43\_05185\_Myxocorys\_chilensis\_ATA2-1-KO14

KME18\_11390\_Oscillatoria\_tanganyikae\_F16-MK23

KME10\_12865\_Plectolyngbya\_sp.\_WJT66-NPBG17

Cyan7425\_1736\_Cyanotheca\_sp.\_PCC\_7425\_PCC\_7425

KME47\_20115\_Nodosilinea\_sp.\_WJT8-NPBG4

Oscil6304\_3217\_Oscillatoria\_acuminata\_PCC\_6304

GKIL\_1997\_Gloeobacter\_kilaueensis\_JS1

KME03\_01255\_Aphanocapsa\_illacina\_HA4352-LM1

Cr9333\_2147\_Crinalium\_epipsammum\_PCC\_9333

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

GEI7407\_1399\_Geitlerinema\_sp.\_PCC\_7407\_PCC\_7407

cce\_4278\_Crocospaera\_subtropica\_ATCC\_51142

KME08\_10675\_Aphanotheca\_sp.\_CMT-3BRIN-NPC11

KME19\_06620\_Microcoleus\_vaginatous\_WJT46-NPBG5

Glo7428\_4027\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428

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\_HA4230-LM2

Cal7507\_3767\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507

KME21\_05580\_Desmonostoc\_vinosum\_HA7617-LM4

KME40\_05560\_Komarekiella\_atlantica\_HA4396-MV6

KME52\_15750\_Desmonostoc\_geniculatum\_HA4340-LM1

Npun\_F3745\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102

KME50\_18165\_Nostoc\_desertorum\_CM1-VF14

KME55\_08545\_Nostoc\_indistinquendum\_CM1-VF10

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

KME29\_32910\_Calothrix\_sp.\_F12-JR17

Cal6303\_3059\_Calothrix\_sp.\_PCC\_6303

KME64\_35120\_Scytonematopsis\_contorta\_HA4267-MV1

IJ00\_25060\_Calothrix\_sp.\_336\_3\_336\_3

KME60\_06055\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C

KME22\_27870\_Hassallia\_sp.\_WJT32-NPBG1

KME38\_12370\_Spirirestis\_raphaelsensis\_WJT71-NPBG6

KME31\_22325\_Tolypothrix\_carrinoi\_HA7290-LM1

KME54\_20605\_Tolypothrix\_brevis\_GSE-NOS-MK-07-07A

KME28\_21005\_Pelatocladus\_maninholoensis\_HA4357-MV3

KME30\_24305\_Iphinoe\_sp.\_HA4291-MV1

KME46\_16490\_Brasilonema\_angustatum\_HA4187-MV1

KME49\_01425\_Brasilonema\_octagenarum\_HA4186-MV1

KME33\_07310\_Aetokthonos\_hydrillicola\_B3-Florida

KME57\_29850\_Scytonema\_hyalinum\_WJT4-NPBG1

Riv7116\_2136\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116

Chro\_5475\_Chroococciopsis\_thermalis\_PCC\_7203

KME01\_03535\_Chroococcus\_sp.\_CMT-3BRIN-NPC107

KME12\_01220\_Trichocoleus\_desertorum\_ATA4-8-CV12

Osc7112\_0265\_Oscillatoria\_nigro-viridis\_PCC\_7112

KME16\_13410\_Scytolyngbya\_sp.\_HA4215-MV1

KME18\_22110\_Oscillatoria\_tanganyikae\_F16-MK23

KME10\_21255\_Plectolyngbya\_sp.\_WJT66-NPBG17

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

KME09\_17355\_Pleurocapsa\_minor\_HA4230-MV1

Sta7437\_0753\_Stanteria\_cyanosphaera\_PCC\_7437

MAE\_59060\_Microcystis\_aeruginosa\_NIES-843

D082\_25630\_Synechocystis\_sp.\_PCC\_6714\_PCC\_6714

SYNGTS\_2599\_Synechocystis\_sp.\_PCC\_6803\_GT-S

AOY38\_13490\_Synechocystis\_sp.\_PCC\_6803\_PCC\_6803\_substr\_GT-G

SYNGTL\_2599\_Synechocystis\_sp.\_PCC\_6803\_substr\_GT-I

SYNPCCN\_2597\_Synechocystis\_sp.\_PCC\_6803\_substr\_PCC-N

SYNPCCP\_2597\_Synechocystis\_sp.\_PCC\_6803\_substr\_PCC-P

PMT\_1557\_Prochlorococcus\_marinus\_str.\_MIT\_9313\_MIT9313

Am1\_6095\_Acaryochloris\_marina\_MBIC11017

Ple7327\_0865\_Pleurocapsa\_sp.\_PCC\_7327

KAE604\_00960\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R

Synpcc7942\_0970\_Synechococcus\_elongatus\_FACHB-805\_PCC\_7942

syv0573\_c\_Synechococcus\_elongatus\_PCC\_6301

M744\_11855\_Synechococcus\_sp.\_UTEX\_2973\_UTEX\_2973

Cyan10605\_1446\_Cyanobacterium\_aponinum\_PCC\_10605

Lepto7376\_3346\_Leptolyngbya\_sp.\_PCC\_7376

SYNPCC7002\_A1623\_Synechococcus\_sp.\_PCC\_7002\_PCC\_7002\_ATCC\_27264

KME20\_02620\_Kaiparowitsia\_implicata\_GSE-PSE-MK54-09C

AM1\_2003\_Acaryochloris\_marina\_MBIC11017

KME35\_19205\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L

KME07\_17855\_Pegethrix\_bostrychoides\_GSE-TBD4-15B

KME47\_02595\_Nodosilinea\_sp.\_WJT8-NPBG4

KME14\_23225\_Tildenella\_torsiva\_UHER\_1998\_13D

Cyan7425\_4273\_Cyanotheca\_sp.\_PCC\_7425\_PCC\_7425

KME17\_13360\_Cyanosarcina\_radialis\_HA8281-LM2

Chro\_5111\_Chroococciopsis\_thermalis\_PCC\_7203

Pse7367\_3397\_Pseudanabaena\_sp.\_PCC\_7367\_PCC\_7367

Syn7502\_00658\_Synechococcus\_sp.\_PCC\_7502\_PCC\_7502

KME13\_05145\_Myxocorys\_californica\_WJT36-NPBG1

KME43\_01795\_Myxocorys\_chilensis\_ATA2-1-KO14

Glo7428\_3616\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428

KME33\_20035\_Aetokthonos\_hydrillicola\_B3-Florida

Riv7116\_0220\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116

KME29\_21625\_Calothrix\_sp.\_F12-JR17

KME57\_00595\_Scytonema\_hyalinum\_WJT4-NPBG1

KME46\_01920\_Brasilonema\_angustatum\_HA4187-MV1

KME30\_31625\_Iphinoe\_sp.\_HA4291-MV1

KME54\_00960\_Tolypothrix\_brevis\_GSE-NOS-MK-07-07A

KME31\_20975\_Tolypothrix\_carrinoi\_HA7290-LM1

KME28\_07590\_Pelatocladus\_maninholoensis\_HA4357-MV3

KME60\_32340\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C

IJ00\_12400\_Calothrix\_sp.\_336\_3\_336\_3

Aazo\_1027\_Nostoc\_azollae\_0708

Anacy\_2604\_Anabaena\_cylindrica\_PCC\_7122

ANA\_C13609\_Anabaena\_sp.\_90\_90

AA650\_06075\_Anabaena\_sp.\_WA102\_WA102

Ava\_2342\_Trichormus\_variabilis\_ATCC\_29413

Nos7524\_2818\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524

Nos7107\_0939\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107

Cal7507\_2820\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507

KME23\_19575\_Goleter\_apudmare\_HA4340-LM2

Npun\_R2959\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102

KME50\_02690\_Nostoc\_desertorum\_CM1-VF14

KME55\_40145\_Nostoc\_indistinquendum\_CM1-VF10

KME40\_14335\_Komarekiella\_atlantica\_HA4396-MV6

KME21\_17900\_Desmonostoc\_vinosum\_HA7617-LM4

KME32\_01070\_Mojavia\_pulchra\_JT2-VF2

KME42\_12905\_Tildenella\_nuda\_ZEHNDER\_1965\_U140

Tery\_4343\_Trichodesmium\_erythraeum\_IMS101

Dacsa\_0742\_Dactylococcopsis\_salina\_PCC\_8305

PCC7418\_1558\_Halothece\_sp.\_PCC\_7418\_PCC\_7418

KME09\_16325\_Pleurocapsa\_minor\_HA4230-MV1

Sta7437\_2457\_Stanteria\_cyanosphaera\_PCC\_7437

Ple7327\_0511\_Pleurocapsa\_sp.\_PCC\_7327

cce\_2220\_Crocospaera\_subtropica\_ATCC\_51142

PCC8801\_3374\_Rippkaea\_orientalis\_PCC\_8801

Cyan8802\_2737\_Rippkaea\_orientalis\_PCC\_8802

PCC7424\_3330\_Gloeotheca\_citriformis\_PCC\_7424

Cyan7822\_5305\_Gloeotheca\_verrucosa\_PCC\_7822

MAE\_05960\_Microcystis\_aeruginosa\_NIES-843

D082\_34210\_Synechocystis\_sp.\_PCC\_6714\_PCC\_6714

SYNGTS\_0264\_Synechocystis\_sp.\_PCC\_6803\_GT-S

AOY38\_01654\_Synechocystis\_sp.\_PCC\_6803\_PCC\_6803\_substr\_GT-G

SYNGTL\_0264\_Synechocystis\_sp.\_PCC\_6803\_substr\_GT-I

SYNPCCN\_0264\_Synechocystis\_sp.\_PCC\_6803\_substr\_PCC-N

SYNPCCP\_0264\_Synechocystis\_sp.\_PCC\_6803\_substr\_PCC-P

P9215\_17531\_Prochlorococcus\_marinus\_str.\_MIT\_9515

Pro\_1270\_Prochlorococcus\_marinus\_subsp.\_marinus\_str.\_CCMP1375\_CCMP1375\_SS120

EW15\_20811\_Prochlorococcus\_sp.\_MIT\_0801\_MIT\_0801

NATL1\_20111\_Prochlorococcus\_marinus\_str.\_NATL1A

PMN2A\_11371\_Prochlorococcus\_marinus\_str.\_NATL2A

Osc7112\_5953\_Oscillatoria\_nigro-viridis\_PCC\_7112

KME25\_08095\_Symplocastrum\_torsivum\_CPER-KK1

Mic7113\_1703\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113

KME17\_14440\_Cyanosarcina\_radialis\_HA8281-LM2

Ple7327\_2809\_Pleurocapsa\_sp.\_PCC\_7327

PCC7424\_3632\_Gloeotheca\_citriformis\_PCC\_7424

Cyan7822\_0323\_Gloeotheca\_verrucosa\_PCC\_7822

cce\_2396\_Crocospaera\_subtropica\_ATCC\_51142

PCC8801\_3602\_Rippkaea\_orientalis\_PCC\_8801

Cyan8802\_2512\_Rippkaea\_orientalis\_PCC\_8802

Dacsa\_0073\_Dactylococcopsis\_salina\_PCC\_8305

PCC7418\_1986\_Halothece\_sp.\_PCC\_7418\_PCC\_7418

Ava\_2672\_Trichormus\_variabilis\_ATCC\_29413

Nos7107\_1495\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107

Nos7524\_1435\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524

KME32\_29160\_Mojavia\_pulchra\_JT2-VF2

KME21\_12850\_Desmonostoc\_vinosum\_HA7617-LM4

KME40\_32190\_Komarekiella\_atlantica\_HA4396-MV6

Cal7507\_0401\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507

KME23\_09780\_Goleter\_apudmare\_HA4340-LM2

KME59\_22760\_Trichormus\_sp.\_ATA11-4-KO1

KME38\_04025\_Spirirestis\_raphaelsensis\_WJT71-NPBG6

KME60\_32170\_Cyanomargarita\_calcareae\_GSE-NOS-MK-12-04C

KME64\_22155\_Scytonematopsis\_contorta\_HA4267-MV1

KME28\_26390\_Pelatocladus\_maninholoensis\_HA4357-MV3

KME33\_27380\_Aetokthonos\_hydrillicola\_B3-Florida

KME29\_27045\_Calothrix\_sp.\_F12-JR17

KME57\_05270\_Scytonema\_hyalinum\_WJT4-NPBG1

KME46\_25415\_Brasilonema\_angustatum\_HA4187-MV1

KME49\_14035\_Brasilonema\_octagenarum\_HA4186-MV1

Riv7116\_4004\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116

IJ00\_00190\_Calothrix\_sp.\_336\_3\_336\_3

Cal6303\_3007\_Calothrix\_sp.\_PCC\_6303

Chro\_06711\_Chroococciopsis\_thermalis\_PCC\_7203

Glo7428\_2066\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428

KME12\_21455\_Microcoleus\_desertorum\_ATA4-8-CV12

KME20\_02535\_Kaiparowitsia\_implicata\_GSE-PSE-MK54-09C

AM1\_1474\_Acaryochloris\_marina\_MBIC11017

GEI7407\_07365\_Geitlerinema\_sp.\_PCC\_7407\_PCC\_7407

KME07\_16450\_Pegethrix\_bostrychoides\_GSE-TBD4-15B

KME45\_25375\_Stenomitos\_rutilans\_HA7619-LM2

KME27\_08415\_Lyngbya\_sp.\_HA4199-MV5

KME42\_00745\_Tildenella\_nuda\_ZEHNDER\_1965\_U140

KME18\_10655\_Oscillatoria\_tanganyikae\_F16-MK23

KME10\_09810\_Plectolyngbya\_sp.\_WJT66-NPBG17

KME13\_07490\_Myxocorys\_californica\_WJT36-NPBG1

KME43\_14675\_Myxocorys\_chilensis\_ATA2-1-KO14

KME19\_14115\_Microcoleus\_vaginatous\_WJT46-NPBG5

GKIL\_0926\_Gloeobacter\_kilaueensis\_JS1

Oscil6304\_3519\_Oscillatoria\_acuminata\_PCC\_6304

Lepto7376\_1135\_Leptolyngbya\_sp.\_PCC\_7376

SYNPCC7002\_A1768\_Synechococcus\_sp.\_PCC\_7002\_PCC\_7002\_ATCC\_27264

KME47\_17955\_Nodosilinea\_sp.\_WJT8-NPBG4

KME14\_23165\_Tildenella\_torsiva\_UHER\_1998\_13D

KME18\_20240\_Oscillatoria\_tanganyikae\_F16-MK23

KME10\_21630\_Plectolyngbya\_sp.\_WJT66-NPBG17

GEI7407\_2029\_Geitlerinema\_sp.\_PCC\_7407\_PCC\_7407

PCC7424\_1841\_Gloeotheca\_citriformis\_PCC\_7424

Cyan7822\_4542\_Gloeotheca\_verrucosa\_PCC\_7822

Cyan8802\_4578\_Rippkaea\_orientalis\_PCC\_8802

cce\_4342\_Crocospaera\_subtropica\_ATCC\_51142

Dacsa\_0073\_Dactylococcopsis\_salina\_PCC\_8305

PCC7418\_1484\_Halothece\_sp.\_PCC\_7418\_PCC\_7418

Tery\_4976\_Trichodesmium\_erythraeum\_IMS101

Chro\_1601\_Chroococciopsis\_thermalis\_PCC\_7203

Glo7428\_4764\_Gloeocapsa\_sp.\_PCC\_7428\_PCC\_7428

Riv7116\_0872\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116

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

KME55\_22520\_Nostoc\_indistinquendum\_CM1-VF14

KME55\_22520\_Nostoc\_indistinquendum\_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-JR17

Osc7112\_2358\_Oscillatoria\_princeps\_RMCB-10

KME26\_19315\_Oscillatoria\_princeps\_RMCB-10

KME09\_21900\_Pleurocapsa\_minor\_HA4230-MV1

Sta7437\_0508\_Stanteria\_cyanosphaera\_PCC\_7437

Oscil6304\_3244\_Oscillatoria\_acuminata\_PCC\_6304

Cr9333\_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

AM1\_10633\_Acaryochloris\_marina\_MBIC11017

KME35\_12635\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L

A9601\_03711\_Prochlorococcus\_marinus\_str.\_AS9601

P9301\_03701\_Prochlorococcus\_marinus\_str.\_MIT\_9301

EW14\_0390\_Prochlorococcus\_sp.\_MIT\_0604\_MIT\_0604

P9215\_03701\_Prochlorococcus\_marinus\_str.\_MIT\_9215

PMN2A\_0489\_Prochlorococcus\_marinus\_str.\_NATL2A

EW15\_1212\_Prochlorococcus\_sp.\_MIT\_0801\_MIT\_0801

NATL1\_12111\_Prochlorococcus\_marinus\_str.\_NATL1A

sync\_1844\_Synechococcus\_sp.\_CC9311\_CC9311

KR100\_06025\_Synechococcus\_sp.\_KORDI-100\_KORDI-100

Syncc9902\_0761\_Synechococcus\_sp.\_CC9902\_CC9902

Syncc8109\_1998\_Synechococcus\_sp.\_WH\_8109\_WH\_8109

Syncc9605\_1898\_Synechococcus\_sp.\_CC9605\_CC9605

KR52\_07875\_Synechococcus\_sp.\_KORDI-52\_KORDI-52

KR49\_03785\_Synechococcus\_sp.\_KORDI-49\_KORDI-49

KR100\_07270\_Synechococcus\_sp.\_KORDI-100\_KORDI-100

KME02\_00750\_Aphanotheca\_saxicola\_GSE-SYN-MK-01-06B

Cyagr\_0893\_Cyanobium\_gracile\_PCC\_6307

sync\_1140\_Synechococcus\_sp.\_CC9311\_CC9311

Pro\_0584\_Prochlorococcus\_marinus\_subsp.\_marinus\_str.\_CCMP1375\_CCMP1375\_SS120

SMT912\_1126\_Prochlorococcus\_marinus\_str.\_MIT\_9312

A9601\_12211\_Prochlorococcus\_marinus\_str.\_AS9601

P9301\_12211\_Prochlorococcus\_marinus\_str.\_MIT\_9301

EW14\_1255\_Prochlorococcus\_sp.\_MIT\_0604\_MIT\_0604

P9215\_12511\_Prochlorococcus\_marinus\_str.\_MIT\_9215

P9515\_12061\_Prochlorococcus\_marinus\_str.\_MIT\_9515

PMN115\_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

AM1\_1491\_Acaryochloris\_marina\_MBIC11017

KME17\_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

syv0304\_c\_Synechococcus\_elongatus\_PCC\_6301

Synpcc7942\_1246\_Synechococcus\_elongatus\_FACHB-805\_PCC\_7942

M744\_10405\_Synechococcus\_sp.\_UTEX\_2973\_UTEX\_2973

D082\_19610\_Synechocystis\_sp.\_PCC\_6714\_PCC\_6714

SYNGTS\_2835\_Synechocystis\_sp.\_PCC\_6803\_GT-S

AOY38\_14670\_Synechocystis\_sp.\_PCC\_6803\_PCC\_6803\_substr\_GT-G

SYNGTL\_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

Pse7367\_3320\_Pseudanabaena\_sp.\_PCC\_7367\_PCC\_7367

Syn7502\_00378\_Synechococcus\_sp.\_PCC\_7502\_PCC\_7502

Oscil6304\_3606\_Oscillatoria\_acuminata\_PCC\_6304

Anacy\_1840\_Anabaena\_cylindrica\_PCC\_7122

ANA\_C12463\_Anabaena\_sp.\_90\_90

AA650\_14375\_Anabaena\_sp.\_WA102\_WA102

KME29\_38495\_Calothrix\_sp.\_F12-JR17

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

KME22\_05390\_Hassallia\_sp.\_WJT32-NPBG1

KME38\_28160\_Spirirestis\_raphaelsensis\_WJT71-NPBG6

KME54\_15555\_Tolypothrix\_brevis\_GSE-NOS-MK-07-07A

KME31\_28195\_Tolypothrix\_carrinoi\_HA7290-LM1

KME21\_03770\_Desmonostoc\_vinosum\_HA7617-LM4

KME40\_16020\_Komarekiella\_atlantica\_HA4396-MV6

KME52\_06210\_Desmonostoc\_geniculatum\_HA4340-LM1

Npun\_R4225\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102

KME50\_09360\_Nostoc\_desertorum\_CM1-VF14

KME55\_10225\_Nostoc\_indistinquendum\_CM1-VF10

KME59\_04255\_Trichormus\_sp.\_ATA11-4-KO1

Nos7107\_0037\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107

Nos7524\_5176\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524

Ava\_3112\_Trichormus\_variabilis\_ATCC\_29413

KME32\_19070\_Mojavia\_pulchra\_JT2-VF2

Cal7507\_1591\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507

KME23\_04615\_Goleter\_apudmare\_HA4340-LM2

KME33\_24665\_Aetokthonos\_hydrillicola\_B3-Florida