

KME32\_16265\_Mojavia\_pulchra\_JT2-VF2  
KME23\_15360\_Goleter\_apudmare\_HA4340-LM2  
Cal7507\_3634\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507  
Nos7524\_4714\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524  
Ava\_4794\_Trichormus\_variabilis\_ATCC\_29413  
Npun\_R2771\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
KME50\_09630\_Nostoc\_desertorum\_CM1-VF14  
KME55\_15385\_Nostoc\_indistinguendum\_CM1-VF10  
Aazo\_2874\_Nostoc\_azollae\_0708  
Anacy\_3874\_Anabaena\_cylindrica\_PCC\_7122  
ANA\_C20305\_Anabaena\_sp.\_90\_90  
AA650\_04100\_Anabaena\_sp.\_WA102\_WA102  
KME29\_39905\_Calothrix\_sp.\_FI2-JRJ7  
Cal6303\_5615\_Calothrix\_sp.\_PCC\_6303  
IJ00\_15385\_Calothrix\_sp.\_336\_3\_336\_3  
KME28\_18765\_Pelatocladus\_maniniholoensis\_HA4357-MV3  
KME57\_01100\_Scytonema\_hyalinum\_WJT4-NPBG1  
KME64\_18950\_Scytonematopsis\_contorta\_HA4267-MV1  
KME52\_03815\_Desmonostoc\_geniculatum\_HA4340-LM1  
KME40\_25485\_Komarekiella\_atlantica\_HA4396-MV6  
KME21\_02680\_Desmonostoc\_vinosum\_HA7617-LM4  
Nos7107\_4143\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107  
KME22\_05970\_Hassallia\_sp.\_WJT32-NPBG1  
KME38\_10910\_Spirirestis\_raphaelensis\_WJT71-NPBG6  
gnl|PRJNA727914|KME54\_03825  
KME31\_11650\_Tolypothrix\_carrinoi\_HA7290-LM1  
KME30\_08265\_Iphinoe\_sp.\_HA4291-MV1  
KME46\_11480\_Brasilonema\_angustatum\_HA4187-MV1  
KME49\_22155\_Brasilonema\_octagenarum\_HA4186-MV1  
KME33\_25200\_Aetokthonos\_hydrillicola\_B3-Florida  
Riv7116\_4190\_Rivularia\_sp.\_PCC\_7116\_PCC\_7116  
KME60\_16910\_Cyanomargarita\_calcareo\_GSE-NOS-MK-12-04C  
Chro\_0493\_Chroococcidiopsis\_thermalis\_PCC\_7203  
KME01\_06190\_Chroococcus\_sp.\_CMT-3BRIN-NPC107  
KME17\_15940\_Cyanosarcina\_radialis\_HA8281-LM2  
KME08\_21250\_Aphanothece\_sp.\_CMT-3BRIN-NPC111  
Cri9333\_2889\_Crinalium\_epipsammum\_PCC\_9333  
KME12\_19820\_Trichocoleus\_desertorum\_ATA4-8-CV12  
Tery\_4010\_Trichodesmium\_erythraeum\_IMS101  
Osc7112\_5866\_Oscillatoria\_nigro-viridis\_PCC\_7112  
KME42\_25605\_Tildeniella\_nuda\_ZEHNDER\_1965\_U140  
KME27\_25865\_Lyngbya\_sp.\_HA4199-MV5  
KME45\_24145\_Stenomitros\_rutilans\_HA7619-LM2  
Oscil6304\_1227\_Oscillatoria\_acuminata\_PCC\_6304  
KME19\_07705\_Microcoleus\_vaginatus\_WJT46-NPBG5  
KME26\_05045\_Oscillatoria\_princeps\_RMCB-10  
UCYN\_01090\_Candidatus\_Atelocyanobacterium\_thalassa\_isolate\_ALOHA\_ALOHA  
cce\_3755\_Crocospaera\_subtropica\_ATCC\_51142  
ETSB\_0716\_cyanobacterium\_endosymbiont\_of\_Epithemia\_turgida\_isolate\_EtSB\_Lake\_Yunoko\_ETSB\_Lake\_Yunoko  
PCC8801\_0309\_Rippkaea\_orientalis\_PCC\_8801  
Cyan8802\_0309\_Rippkaea\_orientalis\_PCC\_8802  
Lepto7376\_2524\_Leptolyngbya\_sp.\_PCC\_7376  
SYNPCC7002\_A1936\_Synechococcus\_sp.\_PCC\_7002\_PCC\_7002\_ATCC\_27264  
MAE\_12920\_Microcystis\_aeruginosa\_NIES-843  
D082\_22600\_Synechocystis\_sp.\_PCC\_6714\_PCC\_6714  
SYNGTS\_1272\_Synechocystis\_sp.\_PCC\_6803\_GT-S  
AOY38\_06570\_Synechocystis\_sp.\_PCC\_6803\_PCC\_6803\_substr.\_GT-G  
SYNGTI\_1272\_Synechocystis\_sp.\_PCC\_6803\_substr.\_GT-I  
SYNPCCN\_1271\_Synechocystis\_sp.\_PCC\_6803\_substr.\_PCC-N  
SYNPCCP\_1271\_Synechocystis\_sp.\_PCC\_6803\_substr.\_PCC-P  
Cyan10605\_0873\_Cyanobacterium\_aponinum\_PCC\_10605  
PCC7424\_1158\_Gloeotheca\_citriformis\_PCC\_7424  
Cyan7822\_1222\_Gloeotheca\_verrucosa\_PCC\_7822  
KME18\_06750\_Oscillatoria\_tanganyikae\_FI6-MK23  
KME10\_10390\_Plectolyngbya\_sp.\_WJT66-NPBG17  
KME13\_06610\_Myxacorys\_californica\_WJT36-NPBG1  
KME43\_11750\_Myxacorys\_chilensis\_ATA2-1-KO14  
KME03\_11940\_Aphanocapsa\_lilacina\_HA4352-LM1  
GKIL\_2412\_Gloeobacter\_kilaueensis\_JS1  
KME35\_04220\_Aphanocapsa\_sp.\_GSE-SYN-MK-11-07L  
Cyan7425\_4822\_Cyanothece\_sp.\_PCC\_7425\_PCC\_7425  
Syn6312\_0495\_Synechococcus\_sp.\_PCC\_6312\_PCC\_6312  
Cyan10605\_1983\_Cyanobacterium\_aponinum\_PCC\_10605  
MAE\_33550\_Microcystis\_aeruginosa\_NIES-843  
KME38\_03240\_Spirirestis\_raphaelensis\_WJT71-NPBG6  
gnl|PRJNA727914|KME54\_25540  
KME31\_01840\_Tolypothrix\_carrinoi\_HA7290-LM1  
Anacy\_3489\_Anabaena\_cylindrica\_PCC\_7122  
ANA\_C13133\_Anabaena\_sp.\_90\_90  
AA650\_13640\_Anabaena\_sp.\_WA102\_WA102  
Nos7107\_3780\_Nostoc\_sp.\_PCC\_7107\_PCC\_7107  
Nos7524\_0570\_Nostoc\_sp.\_PCC\_7524\_PCC\_7524  
Ava\_4808\_Trichormus\_variabilis\_ATCC\_29413  
Npun\_R2917\_Nostoc\_punctiforme\_PCC\_73102\_ATCC\_29133\_PCC\_73102  
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Cal7507\_4175\_Calothrix\_sp.\_PCC\_7507\_PCC\_7507  
KME21\_17115\_Desmonostoc\_vinosum\_HA7617-LM4  
Cal6303\_3755\_Calothrix\_sp.\_PCC\_6303  
KME60\_15210\_Cyanomargarita\_calcareo\_GSE-NOS-MK-12-04C  
Ple7327\_0168\_Pleurocapsa\_sp.\_PCC\_7327  
KME09\_22830\_Pleurocapsa\_minor\_HA4230-MV1  
Sta7437\_3290\_Stanieria\_cyanosphaera\_PCC\_7437  
EW15\_0230\_Prochlorococcus\_sp.\_MIT\_0801\_MIT\_0801  
NATL1\_02151\_Prochlorococcus\_marinus\_str.\_NATL1A  
PMN2A\_1509\_Prochlorococcus\_marinus\_str.\_NATL2A  
P9215\_01601\_Prochlorococcus\_marinus\_str.\_MIT\_9215  
EW14\_0185\_Prochlorococcus\_sp.\_MIT\_0604\_MIT\_0604  
PMT9312\_0145\_Prochlorococcus\_marinus\_str.\_MIT\_9312  
A9601\_01601\_Prochlorococcus\_marinus\_str.\_AS9601  
P9301\_01621\_Prochlorococcus\_marinus\_str.\_MIT\_9301  
P9515\_01711\_Prochlorococcus\_marinus\_str.\_MIT\_9515  
PMM0143\_Prochlorococcus\_marinus\_subsp.\_pastoris\_str.\_CCMP1986\_MED4  
Pro\_0166\_Prochlorococcus\_marinus\_subsp.\_marinus\_str.\_CCMP1375\_CCMP1375\_SS120  
PMT\_2003\_Prochlorococcus\_marinus\_str.\_MIT\_9313\_MIT9313  
Syncc9902\_0299\_Synechococcus\_sp.\_CC9902\_CC9902  
sync\_2607\_Synechococcus\_sp.\_CC9311\_CC9311  
Syncc8109\_2503\_Synechococcus\_sp.\_WH\_8109\_WH\_8109  
Syncc9605\_2394\_Synechococcus\_sp.\_CC9605\_CC9605  
KR52\_04120\_Synechococcus\_sp.\_KORDI-52\_KORDI-52  
KR49\_07560\_Synechococcus\_sp.\_KORDI-49\_KORDI-49  
SynWH8103\_02593\_Synechococcus\_sp.\_WH\_8103\_WH\_8103  
KR100\_14815\_Synechococcus\_sp.\_KORDI-100\_KORDI-100  
KME02\_13085\_Aphanothece\_saxicola\_GSE-SYN-MK-01-06B  
Cyagr\_2891\_Cyanobium\_gracile\_PCC\_6307  
KME04\_20315\_Pleurocapsa\_minor\_GSE-CHR-MK-17-07R  
CYB\_1695\_Synechococcus\_sp.\_JA-2-3Ba.2-13\_JA-2-3Ba2-13  
CYA\_0317\_Synechococcus\_sp.\_JA-3-3Ab\_JA-3-3Ab  
KME03\_12380\_Aphanocapsa\_lilacina\_HA4352-LM1  
GKIL\_0569\_Gloeobacter\_kilaueensis\_JS1  
Pse7367\_2694\_Pseudanabaena\_sp.\_PCC\_7367\_PCC\_7367  
Syn7502\_02247\_Synechococcus\_sp.\_PCC\_7502\_PCC\_7502  
Dacs\_1460\_Dactylococcopsis\_salina\_PCC\_8305  
PCC7418\_3681\_Halotheca\_sp.\_PCC\_7418\_PCC\_7418  
KME25\_16680\_Symplocastrum\_torsivum\_CPER-KK1  
KME06\_01250\_Kastovskya\_adunca\_ATA6-11-RM4  
Mic7113\_2704\_Microcoleus\_sp.\_PCC\_7113\_PCC\_7113  
GEI7407\_1138\_Geitlerinema\_sp.\_PCC\_7407\_PCC\_7407  
KME16\_09400\_Scytolyngbya\_sp.\_HA4215-MV1  
KME11\_09290\_Timaviella\_obliquedivisa\_GSE-PSE-MK23-08B  
KME07\_14735\_Pegethrix\_bostrychoides\_GSE-TBD4-15B  
KME15\_15035\_Drouetiella\_hepatica\_UHER\_2000\_2452  
KME47\_03610\_Nodosilinea\_sp.\_WJT8-NPBG4  
KME14\_06385\_Tildeniella\_torsiva\_UHER\_1998\_13D  
KME20\_14045\_Kaiparowitsia\_implicata\_GSE-PSE-MK54-09C  
AM1\_4825\_Acaryochloris\_marina\_MBIC11017  
Synpcc7942\_1984\_Synechococcus\_elongatus\_=\_FACHB-805\_PCC\_7942  
syc2112\_c\_Synechococcus\_elongatus\_PCC\_6301  
M744\_06500\_Synechococcus\_sp.\_UTEX\_2973\_UTEX\_2973  
Syn6312\_1664\_Synechococcus\_sp.\_PCC\_6312\_PCC\_6312  
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Cyan7425\_4189\_Cyanothece\_sp.\_PCC\_7425\_PCC\_7425  
KME18\_12145\_Oscillatoria\_tanganyikae\_FI6-MK23  
KME10\_13625\_Plectolyngbya\_sp.\_WJT66-NPBG17  
KME13\_02120\_Myxacorys\_californica\_WJT36-NPBG1  
KME43\_12360\_Myxacorys\_chilensis\_ATA2-1-KO14  
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