	°\$\vec{9}\ncc9605_ 0.94 Syncc8109_ 1 KR49_0111 0 \$\vec{9}\nWH810 0.74 0.9KR100_10	0_Synechococcus_spKC _1093_Synechococcus_sp _1580_Synechococcus_sp 0_Synechococcus_spKC 3_01561_Synechococcus 570_Synechococcus_sp _Synechococcus_spCCS	oCC9605_CC9605 oWH_8109_WH_8109 ORDI-49_KORDI-49 s_spWH_8103_WH_8103 KORDI-100_KORDI-100
	Syncc9902 KME47_01410_N KME14_17935_T AM1_4189_Aca Osc7112_4853_	1346_Synechococcus_s _1346_Synechococcus_s lodosilinea_spWJT8-NPI ildeniella_torsiva_UHER_ ryochloris_marina_MBIC1 _Oscillatoria_nigro-viridis_ Microcoleus_vaginatus_W	pCC9902_CC9902 BG4 _1998_13D I1017 _PCC_7112
	P Riv7116_2142_ 0.91 IJ00_24495_Ca KME33_03025_ KME28_18680_  □ KME57_16030_	Oscillatoria_princeps_RM Rivularia_spPCC_7116_ alothrix_sp336_3_336_3 _Aetokthonos_hydrillicola _Pelatocladus_maniniholo Scytonema_hyalinum_WJ	_PCC_7116 B3-Florida pensis_HA4357-MV3 T4-NPBG1
	**************************************	Iphinoe_spHA4291-MV Brasilonema_angustatun Brasilonema_octagenaru Calothrix_spFI2-JRJ7 Scytonematopsis_contor Cyanomargarita_calcarea Tolypothrix_carrinoi_HA	m_HA4187-MV1 um_HA4186-MV1 ta_HA4267-MV1 a_GSE-NOS-MK-12-04C
	KME22_09765_ 0,97 KME38_22720_ KME32_18230_ KME52_17295_ 0,08 0,08 0,08 0,08	Hassallia_spWJT32-NPI _Spirirestis_raphaelensis_ Mojavia_pulchra_JT2-VF2 _Desmonostoc_geniculatu	BG1 WJT71-NPBG6 2 um_HA4340-LM1 73102_ATCC_29133PCC_73102
0.92	KME59_25185_ Nos7524_5119_ 0.98 Ava_0368_Tric Mos7107_3131_ KME23_24690_	_Nostoc_indistinguendum _Trichormus_spATA11-4 _Nostoc_spPCC_7524_F hormus_variabilis_ATCC_ _Nostoc_spPCC_7107_F _Goleter_apudmare_HA43	4-KO1 PCC_7524 _29413 PCC_7107 340-LM2
	KME21_17465_ 0.74  1.5 KME40_19005_ Chro_5574_Chr KME13_26340_ 0.839 Cyan7425_373	Calothrix_spPCC_7507_Desmonostoc_vinosum_ _Desmonostoc_vinosum_ _Komarekiella_atlantica_h oococcidiopsis_thermalis_ _Myxacorys_californica_W 66_Cyanothece_spPCC_ Aphanothece_spCMT-38	HA7617-LM4 HA4396-MV6 _PCC_7203 VJT36-NPBG1 _7425_PCC_7425
	Cri9333_4498_ Cri9333_4498_ KME12_15675_ 0.83 Clo7428_1207_ Mic7113_4620_I	Crinalium_epipsammum_ Trichocoleus_desertorum Gloeocapsa_spUFS-A4- Gloeocapsa_spPCC_74 Microcoleus_spPCC_717 Symplocastrum_torsivum	PCC_9333 n_ATA4-8-CV12 -WI-NPMV-4B04 28_PCC_7428 13_PCC_7113
0 73	Cyan10605_00  cce_4634_Cro pcc7424_4330 pcssssssssssssssssssssssssssssssssssss	Kastovskya_adunca_ATA 057_Cyanobacterium_apo cosphaera_subtropica_AT 0_Gloeothece_citriformis_ 2_Gloeothece_verrucosa_ Pleurocapsa_spPCC_73	oninum_PCC_10605 FCC_51142 PCC_7424 _PCC_7822
0.93	GKIL_04  1 KME15_1  1 KME11_2  1 Glo7428	Pseudanabaena_spPCC 72_Gloeobacter_kilaueen 9720_Drouetiella_hepatio 14610_Timaviella_oblique 6760_Tolypothrix_carrinoi _3716_Gloeocapsa_spP 675_Pleurocapsa_minor_	sis_JS1 ca_UHER_2000_2452 divisa_GSE-PSE-MK23-08B i_HA7290-LM1 CC_7428_PCC_7428
0.5	CYB_1193_Syn CYA_0043_Syn GEI7407	30_Pleurocapsa_minor_Gechococcus_spJA-2-3Baechococcus_spJA-3-3Abacchococcus_spJA-3-3Abacchococcus_sp 20513_Geitlerinema_sp 206685_Drouetiella_hepa 31_12070_Chroococcus_s	SSE-CHR-MK-17-07R a2-13_JA-2-3Ba2-13 o_JA-3-3Ab PCC_7407_PCC_7407 tica_UHER_2000_2452
<b>-</b> 0 55	0.35 KME25 Ca 1 0.9 KME6 0.9 KME6	1_16545_Desmonostoc_v 2_08810_Mojavia_pulchra	torsivum_CPER-KK1 PCC_6303 a_calcarea_GSE-NOS-MK-12-04C vinosum_HA7617-LM4 a_JT2-VF2
	0.45Cal75 0.97KME4 - KME5 0.94 - Ava_3 0.41 KME5	F5099_Nostoc_punctiform 507_2462_Calothrix_spP 0_02400_Komarekiella_a 59_08380_Trichormus_sp. 5599_Trichormus_variabili 31_17270_Tolypothrix_ca 22_04440_Hassallia_spV	atlantica_HA4396-MV6 _ATA11-4-KO1 is_ATCC_29413 arrinoi_HA7290-LM1
0.61	Ch KME35_13 KME12 Dacsa_1149_		sertorum_ATA4-8-CV12 PCC_8305
0.82	0.99 Mic7113_392 Osc7112_15 O.57 Tery_3577_ KME06_144	20_Symplocastrum_torsivons 28_Microcoleus_spPCC_37_Oscillatoria_nigro-virions 25_Kastovskya_adunca_2015_Aphanocapsa_lilaci	_7113_PCC_7113 dis_PCC_7112 um_IMS101 ATA6-11-RM4 ina_HA4352-LM1
	0.2 Pse7367_3 0.9 KME47_04 1 KME14_11 0 KME59_091	7_Gloeobacter_kilaueensi 3429_Pseudanabaena_sp. 3760_Nodosilinea_spWJ 1105_Tildeniella_torsiva_U 45_Trichormus_spATA1 532_Nostoc_spPCC_752 Trichormus_variabilis_AT	PCC_7367_PCC_7367 T8-NPBG4 JHER_1998_13D 1-4-KO1
0.88	KME21_185 0.894 KME40_348 0.92 Anacy_0004 0.42 0.42 0.42	70_Mojavia_pulchra_JT2- 575_Desmonostoc_vinosu 30_Komarekiella_atlantic 4_Anabaena_cylindrica_P 383_Nostoc_spPCC_710 365_Goleter_apudmare_H	m_HA7617-LM4 ca_HA4396-MV6 CC_7122 07_PCC_7107
	- KME08_0725	000_Calothrix_spFI2-JRJ Chroococcidiopsis_therma 55_Aphanothece_spCMT	entorta_HA4267-MV1 erea_GSE-NOS-MK-12-04C 7 ealis_PCC_7203 F-3BRIN-NPC111
	■ KME26_210 ■ KME07_0341 ■ Ple7327_2440 ■ PCC7424_48 ■ Cyan7822_2	75_Microcoleus_vaginatus 75_Oscillatoria_princeps_ 15_Pegethrix_bostrychoid 0_Pleurocapsa_spPCC_ 368_Gloeothece_citriformi 325_Gloeothece_verrucos	RMCB-10 es_GSE-TBD4-15B 7327 is_PCC_7424 sa_PCC_7822
	Cyan8801_05 Cyan8802_08 Cyan10605_ Cyan10605_ Cyan10605_ SYNPCC7002 D082_08530_	_Synechocystis_spPCC_	PCC_8801 PCC_8802 poninum_PCC_10605 CC_7376_ spPCC_7002_PCC_7002ATCC_27264 _6714_PCC_6714
0.6	SYNGTS_135 SYNPCCN_1 SYNPCCP_13 ————————————————————————————————————	58_Synechocystis_spPC0 8_Synechocystis_spPC0 357_Synechocystis_spP0 357_Synechocystis_spP0 4_25360_Tildeniella_torsi 5920_Scytonematopsis_c	C_6803_GT-S C_6803_substrGT-I CC_6803_substrPCC-N CC_6803_substrPCC-P va_UHER_1998_13D ontorta_HA4267-MV1
0.98	0.8 KME12_2 0.9 KME12  KME26_292  KME35_1  Sta743	668_Microcoleus_spPCC 6375_Trichocoleus_deser _27090_Trichocoleus_des 220_Oscillatoria_princeps 12315_Aphanocapsa_sp 7_0508_Stanieria_cyanos 3650_Gloeothece_citrifor	rtorum_ATA4-8-CV12 sertorum_ATA4-8-CV12 s_RMCB-10 GSE-SYN-MK-11-07L sphaera_PCC_7437
0.6	KME06_1 0.47 KME09_ KME00 0.99 KME25_ Cri9333 KME15_	8615_Kastovskya_adunca 17355_Pleurocapsa_mine 4_04530_Pleurocapsa_mi 15850_Symplocastrum_to 3_3265_Crinalium_epipsa 19705_Drouetiella_hepatic	a_ATA6-11-RM4 or_HA4230-MV1 nor_GSE-CHR-MK-17-07R orsivum_CPER-KK1 mmum_PCC_9333 ca_UHER_2000_2452
0.86	Cyan742 Cyan742 Cyan742 ME06_1 KME19_1	_17670_Pleurocapsa_mino 20985_Drouetiella_hepati 08230_Tildeniella_nuda_Z 5_4465_Cyanothece_sp 6725_Kastovskya_adunca 17640_Microcoleus_vagina	ica_UHER_2000_2452 ZEHNDER_1965_U140 _PCC_7425_PCC_7425 a_ATA6-11-RM4 atus_WJT46-NPBG5
<b>9-08</b> 0.	0.99 Riv7116 0.97 Riv7116 KME49_2 1 Glo7428_4 KME04_11	23690_Goleter_apudmare 5_6903_Rivularia_spPCC _6681_Rivularia_spPCC 22120_Brasilonema_octag 742_Gloeocapsa_spPCC 695_Pleurocapsa_minor_0 930_Scytonematopsis_co	C_7116_PCC_7116 _7116_PCC_7116 genarum_HA4186-MV1 C_7428_PCC_7428 GSE-CHR-MK-17-07R
0.21	GEI7407  KME29_0553 Synpcc794 M744_011  0.23 Cyan10608	40_Synechococcus_spl 5_1521_Cyanobacterium_	PCC_7407_PCC_7407  _elongatus_=_FACHB-805_PCC_7942  JTEX_2973_UTEX_2973  _aponinum_PCC_10605
	© SYNGTS  SYNGTI  SYNPCO	·	oides_GSE-TBD4-15B _PCC_6803_GT-S _PCC_6803_substrGT-I pPCC_6803_substrPCC-N pPCC_6803_substrPCC-P
-₀.k₄ - R -₀.k₃ -₀.C	<sup>83</sup> 「elo_1560_Thermosy ME33_25195_Aetoktl iv7116_4191_Rivulari ME28_18770_Pelatoo	nechococcus_elongatus_ honos_hydrillicola_B3-Flo la_spPCC_7116_PCC_7 cladus_maniniholoensis_b idiopsis_thermalis_PCC_	BP-1 orida 1116 HA4357-MV3
0.50 - IJ - I	<sup>6</sup> 100_15390_Calothrix_ KME07_14730_Peget €ME16_09405_Scyto €ME42_25610_Tilden	owitsia_implicata_GSE-PS .sp336_3_336_3 .hrix_bostrychoides_GSE- lyngbya_spHA4215-MV niella_nuda_ZEHNDER_19	TBD4-15B 1
D.4 D.4 P.4 P.4 P.4 P.4 P.4 P.4	ME45_24150_Steno ME18_12140_Oscilla ME10_13620_Plecto ME13_02125_Myxac ME43_12365_Myxac	oya_spHA4199-MV5 omitos_rutilans_HA7619-L atoria_tanganyikae_FI6-M lyngbya_spWJT66-NPB0 orys_californica_WJT36-N corys_chilensis_ATA2-1-K tiella_hepatica_UHER_20	MK23 G17 NPBG1 O14
0.96 0.96	Gyan7425_4188_Cyan Gyan7425_4188_Cyan GCYB_1694_Synechool CYA_0316_Synechool Syn7502_02248_Syn Syn6312_1665_Syne	ocapsa_spGSE-SYN-MK nothece_spPCC_7425_F coccus_spJA-2-3Ba2-13 coccus_spJA-3-3Ab_JA-3 echococcus_spPCC_75 echococcus_spPCC_631	PCC_7425 3_JA-2-3Ba2-13 3-3Ab 02_PCC_7502 2_PCC_6312
- K - P 0.9 - S - K	ME11_09285_Timavi le7327_0167_Pleurod ME09_22835_Pleuro ta7437_3291_Stanie ME22_05965_Hassalli	nloris_marina_MBIC11017 ella_obliquedivisa_GSE-P capsa_spPCC_7327 ocapsa_minor_HA4230-M ria_cyanosphaera_PCC_7 a_spWJT32-NPBG1 tis_raphaelensis_WJT71-N	V1 7437
1 KN 0.3 KN KN 0 KN	ME54_03830_Tolypot ME31_11655_Tolypot ME52_03820_Desmo 9un_R2772_Nostoc_p	hrix_brevis_GSE-NOS-Mk thrix_carrinoi_HA7290-LM nostoc_geniculatum_HA4	K-07-07A M1 H340-LM1 ATCC_29133PCC_73102
A: A: K: A: K: 0.9	ya_4795_Trichormus ME32_16260_Mojavia os7107_4144_Nostoc nacy_3875_Aetokthor ME60_16905_Cyanor	_spPCC_7524_PCC_752 _variabilis_ATCC_29413 u_pulchra_JT2-VF2 _spPCC_7107_PCC_710 nos_hydrillicola_B3-Florid margarita_calcarea_GSE-lekiella_atlantica_HA4396	07 da NOS-MK-12-04C
[ ] 1 F 0.9 I 1 S	Dacsa_1459_Dactyloc PCC7418_3680_Halotl epto7376_2525_Lept SYNPCC7002_A1935_ Dscil6304_1226_Oscil	coccopsis_salina_PCC_83 hece_spPCC_7418_PCC tolyngbya_spPCC_7376	805 C_7418 S_ _7002_PCC_7002ATCC_27264 6304
0.4 0.9 0.9 0.9 0.1 0.1 0.1	(ME25_16675_Symple (ME06_01255_Kastov (ME26_05050_Oscilla (ME19_07700_Microc (ic7113_2705_Microc	atoria_nigro-viridis_PCC_ ocastrum_torsivum_CPER vskya_adunca_ATA6-11-F atoria_princeps_RMCB-10 oleus_vaginatus_WJT46-Noleus_spPCC_7113_PC	R-KK1 RM4 NPBG5 C_7113
0.8 0.3 K	Cri9333_2890_Crinalion CME17_15945_Cyano CME08_21255_Aphano Synpcc7942_1983_S M744_06505_Synech	smium_erythraeum_IMS1 um_epipsammum_PCC_9 sarcina_radialis_HA8281 othece_spCMT-3BRIN-N ynechococcus_elongatus_ ococcus_spUTEX_2973 coccus_elongatus_PCC_6	9333 -LM2 NPC111 _=_FACHB-805_PCC_7942 UTEX_2973
	NATL1_02161_Proc  0.81 EW15_0231_Prochlor Pro_0167_Prochlor P9515_01721_Proc 1.92 P9215_01611_Proc	chlorococcus_marinus_str chlorococcus_marinus_str	_NATL1A _MIT_0801 _marinus_strCCMP1375_CCMP1375SS120 rMIT_9515 rMIT_9215
	A9601_01611_Processor	rochlorococcus_marinus_s lorococcus_spMIT_0604 chlorococcus_marinus_str chlorococcus_marinus_str anothece_saxicola_GSE-S bium_gracile_PCC_6307 chococcus_spKORDI-10	4_MIT_0604 rMIT_9301 rAS9601 SYN-MK-01-06B
0.5	Syncc9902_0298_S oswnc_2608_Synecho 0.94 KR49_07565_Synecho 0.03 SynWH8103_02594_ KR52_04115_Synech	ynechococcus_spCC990 ococcus_spCC9311_CC hococcus_spKORDI-49_ _Synechococcus_spWH nococcus_spKORDI-52_ ynechococcus_spCC960	02_CC9902 9311 KORDI-49  _8103_WH_8103 KORDI-52
- G - K - Aa	Pse7367_2695_Pseu GEI7407_1139_Geitler ME12_19825_Tricho azo_2875_Nostoc_az NA_C20304_Anabaer		67_PCC_7367 CC_7407
0.9 KI KI 0.9 0.9 C.	ME21_02685_Desmo ME59_03615_Trichori ME23_15365_Golete al7507_3633_Calothri CC7424_1157_Gloeo	nostoc_vinosum_HA7617 mus_spATA11-4-KO1 r_apudmare_HA4340-LM2 ix_spPCC_7507_PCC_7 thece_citriformis_PCC_7	2 7507 424
	SYNGTS_1271_Synec SYNGTI_1271_Synech SYNPCCN_1270_Syne SYNPCCP_1270_Syne SynPCC6803_1269_S	hocystis_spPCC_6714_PChocystis_spPCC_6803_Chocystis_spPCC_6803_sechocystis_spPCC_6803_sechocystis_spPCC_6803_ynechocystis_spPCC_6803_	GT-S ubstrGT-I _substrPCC-N _substrPCC-P B03_PCC_6803
و. 0 0. 9 0. 9 1 2. 1 4 1 4 1	ce_3754_Crocosphae UCYN_01070_Candid CC8801_0308_Rippk Van8802_0308_Rippl	anobacterium_aponinum_era_subtropica_ATCC_51 datus_Atelocyanobacteriumaea_orientalis_PCC_8801 kaea_orientalis_PCC_880 tis_aeruginosa_NIES-843 nematopsis_contorta_HA4	142 m_thalassa_isolate_ALOHA_ALOHA    2
0. <b>K</b> 0 1 1 0.8 0.9 K	ME57_01095_Scyton ME30_08270_Iphinoe ME46_11475_Brasilo ME49_22160_Brasilo CC7120_1829_Nostoo KME3	ema_hyalinum_WJT4-NPI e_spHA4291-MV1 onema_angustatum_HA41 onema_octagenarum_HA4 c_spPCC_7120_=_FACH 5_19715_Aphanocapsa_sp	BG1 187-MV1 4186-MV1 IB-418_PCC_7120 pGSE-SYN-MK-11-07L
0.76	1 KME19_009 1 KME40_11 0.98 Anacy_044	320_Cyanobium_gracile_F 975_Microcoleus_vaginatu 1615_Komarekiella_atlant 40_Anabaena_cylindrica_ ME35_00295_Aphanocaps I_1359_Nostoc_spPCC_ _3962_Cyanothece_spF	us_WJT46-NPBG5 tica_HA4396-MV6 PCC_7122 a_spGSE-SYN-MK-11-07L 7524_PCC_7524
0.71 C	CYB_1060_Synechoco CYA_0668_Synechoco Synpcc7942_1512_Sy M744_08565_Synechoco syc2497_c_Synechoc	ococcus_spUTEX_2973 coccus_elongatus_PCC_6	JA-2-3Ba2-13 3Ab _=_FACHB-805_PCC_7942 _UTEX_2973 301
0 99	1PMT9312_0118_P9301_01321_P1A9601_01331_P10.86	rochlorococcus_marinus_ Prochlorococcus_marinus_ rochlorococcus_marinus_ rochlorococcus_marinus_ rochlorococcus_marinus_ chlorococcus_marinus_st	s_strMIT_9312 strMIT_9301 strAS9601 strMIT_9215 604_MIT_0604
	PMN2A_1484_Property	chlorococcus_marinus_str nlorococcus_spMIT_080	rNATL2A 1_MIT_0801 _marinus_strCCMP1375_CCMP1375SS120 C9311 002_CC9902
0	KR52_04330_Syneo Syncc9605_2356_S Syncc8109_2460_S 0.78 KR100_14605_Syno KME02_16435_Apha 0.99	4_Synechococcus_spWIchococcus_spKORDI-52 Synechococcus_spCC96 Synechococcus_spWH_8 echococcus_spKORDI-1 anothece_saxicola_GSE-8 bium_gracile_PCC_6307	E_KORDI-52 605_CC9605 8109_WH_8109 100_KORDI-100
	KME11_09625_Time O.67 KME20_24790_Kaip KME18_13075_Osci KME10_15905_Plect O.75 KME13_10140_Myxa	inocapsa_spGSE-SYN-Maviella_obliquedivisa_GSEarowitsia_implicata_GSE-illatoria_tanganyikae_FI6-tolyngbya_spWJT66-NPlacorys_californica_WJT36	E-PSE-MK23-08B PSE-MK54-09C -MK23 BG17 E-NPBG1
-  -  -	SKME15_04735_Drougles KME07_24585_Pege Syn6312_1408_Syne KME12_14110_Trich Osc7112_1468_Osci	acorys_chilensis_ATA2-1- uetiella_hepatica_UHER_2 ethrix_bostrychoides_GSE chococcus_spPCC_6312 ocoleus_desertorum_ATA illatoria_nigro-viridis_PCC	2000_2452 E-TBD4-15B 2_PCC_6312 A4-8-CV12 C_7112
	OKME45_10390_Ster  CME27_12855_Lyng  KME42_04265_Tilde  AM1_3692_Acaryo  Cyan7425_3176_Cy  P3Pse7367_2939_Pse	olyngbya_spHA4215-Minomitos_rutilans_HA7619- gbya_spHA4199-MV5 eniella_nuda_ZEHNDER_r chloris_marina_MBIC110- vanothece_spPCC_7425 eudanabaena_spPCC_73	-LM2 1965_U140 17 _PCC_7425 367_PCC_7367
ļ	GEI7407_2276_Geitl KME17_06825_Cya PCC7424_0679_Glo 0.99 Ple7327_2403_Pleu PEC8801_3430_Rip	ynechococcus_spPCC_7 lerinema_spPCC_7407_ nosarcina_radialis_HA828 peothece_citriformis_PCC_ irocapsa_spPCC_7327 ppkaea_orientalis_PCC_88 ppkaea_orientalis_PCC_88	PCC_7407 81-LM2 _7424 801
	Sta7437_0865_Star Sta7437_0865_Star Sta7437_0865_Star MAE_53100_Microo cce_2779_Crocospl KME09_00365_Pleu	Cyanobacterium_aponinu nieria_cyanosphaera_PCC cystis_aeruginosa_NIES-8 haera_subtropica_ATCC_ urocapsa_minor_HA4230- eptolyngbya_spPCC_7;	m_PCC_10605 C_7437 343 51142 -MV1 376_
	SYNGTS_1826_Syn  SYNGTI_1826_Syn SYNPCCN_1825_S SYNPCCP_1825_S  9,9,20082_20520_Syne	29_Synechococcus_spP0nechocystis_spPCC_680nechocystis_spPCC_680nechocystis_spPCC_680nechocystis_spPCC_680nechocystis_spPCC_680nechocystis_spPCC_680nechocystis_spPCC_680nechocystis_spPCC_67140nechocystis_spPCC_7418_P	3_substrGT-I 303_substrPCC-N 303_substrPCC-P _PCC_6714
	Dacsa_1294_Dacty Oscil6304_0259_Os - Oscil6304_0259_Os - Tery_3954_Trichod oksME25_03445_Sym 0.91 - KME06_07895_Kast Onesis	lococcopsis_salina_PCC_scillatoria_acuminata_PCCscillatoria_acuminata_PCClesmium_erythraeum_IMSplocastrum_torsivum_CPlovskya_adunca_ATA6-11pcoleus_spPCC_7113_P	_8305 C_6304 S101 ER-KK1 -RM4 PCC_7113
	**************************************	ocoleus_vaginatus_WJT4 illatoria_princeps_RMCB- alium_epipsammum_PCC anothece_spCMT-3BRIN cocapsa_spUFS-A4-WI-N cococcus_spCMT-3BRIN	6-NPBG5 10 _9333 I-NPC111 NPMV-4B04 I-NPC107
	KME59_11535_Tric KME59_11535_Tric KME52_08330_Des Nβun_R0498_Nosto KME50_03555_Nos KME55_11780_Nos	occidiopsis_thermalis_PChormus_spATA11-4-KOsmonostoc_geniculatum_bc_punctiforme_PCC_7310toc_desertorum_CM1-VFotoc_indistinguendum_CM0thrix_spPCC_7507_PC0	1 HA4340-LM1 D2_ATCC_29133PCC_73102 14 I1-VF10
	0.97 KME23_13830_Gold 0.62 KME32_07965_Moja 0.88 KME21_07380_Des 0.49 azo_4788_Nostoo 1Anacy_2337_Anaba 0.99	eter_apudmare_HA4340-lavia_pulchra_JT2-VF2 smonostoc_vinosum_HA7 c_azollae_0708 aena_cylindrica_PCC_712 baena_sp90_90	LM2 617-LM4 22
	Nos7107_5121_Nos Nos7107_5121_Nos Nos7524_4587_Nos Ava_0200_Trichorn NPCC7120_2379_N KME54_20970_Toly	baena_spWA102_WA10stoc_spPCC_7107_PCC_stoc_spPCC_7524_PCC_nus_variabilis_ATCC_294lostoc_spPCC_7120_=_lostoc_spPCC_7120_=_lostoc_sppcthrix_brevis_GSE-NOSypothrix_carrinoi_HA7290	_7107 _7524 -13 FACHB-418_PCC_7120 S-MK-07-07A
	KME22_03345_Hass 0.89 KME38_05960_Spir KME33_06175_Aet 0KME28_19475_Pel ○KME40_04305_Kor ○KME57_35075_Scy	sallia_spWJT32-NPBG1 irestis_raphaelensis_WJT okthonos_hydrillicola_B3- atocladus_maniniholoens marekiella_atlantica_HA4- tonema_hyalinum_WJT4- inoe_spHA4291-MV1	71-NPBG6 -Florida sis_HA4357-MV3 396-MV6
	%ME46_17035_Bra %ME49_08350_Bra IJ00_20820_Calothi KME29_34590_Cal Cal6303_5059_Cal KME60_33195_Cya	asilonema_angustatum_Hasilonema_octagenarum_ rix_sp336_3_336_3 othrix_spFI2-JRJ7 othrix_spPCC_6303 nomargarita_calcarea_GS	HA4186-MV1 SE-NOS-MK-12-04C
	-0kME64 06085 Scv	rtonematopsis_contorta_F ularia_spPCC_7116_PC0	HA4267-MV1

0.5